

**SEC**<sup>®</sup>

*Lighting*

EST.1992



PROFESSIONAL LIGHTING SOLUTIONS

EDITION **2020/2021**

Emergency Lighting  
Architectural Lighting  
LightBox / Informational Lighting  
Núdzové Svietidlá  
Interiérové svietidlá  
Informačné svietidlá

# CBS & CentralTest Systems

<b>CENTRALTEST</b>	<b>34-39</b>
ELMAX-ATXL-MINI	34-37
ELMAX-ATRF-MINI WIRELESS	38-39



<b>CBS CENTRALTEST / CBS</b>	<b>40-47</b>
CBS ADDRESSABLE PATROLUX	40-43
CBS EPS DIGITAL	44-47



# PREMIUM Line

Page No. 48-151

<b>EVOLUX2-P LED</b>	<b>52-59</b>
MULTIEVO2-P LED 1h/3h	52-59
MULTIEVO2-P LED 1h/3h DALI	52-59
C.EVOLUX2-P LED 230V AC/DC	52-59
C.EVOLUX2-P LED 24V AC/DC	52-59
C.EVOLUX2-P LED 230V DALI	52-59
<b>EVOLUX2-PP LED</b>	<b>60-61</b>
MULTIEVO2-PP LED 1h/3h	60-61
MULTIEVO2-PP LED 1h/3h DALI	60-61
C.EVOLUX2-PP LED 230V AC/DC	60-61
C.EVOLUX2-PP LED 24V AC/DC	60-61
C.EVOLUX2-PP LED 230V DALI	60-61
<b>EVOLUX2-VP LED</b>	<b>62-65</b>
MULTIEVO2-VP LED 1h/3h	62-65
MULTIEVO2-VP LED 1h/3h DALI	62-65
C.EVOLUX2-VP LED 230V AC/DC	62-65
C.EVOLUX2-VP LED 24V AC/DC	62-65
C.EVOLUX2-VP LED 230V DALI	62-65
<b>EVOLUX2-V LED</b>	<b>66-67</b>
MULTIEVO2-V LED 1h/3h	66-67
MULTIEVO2-V LED 1h/3h DALI	66-67
C.EVOLUX2-V LED 230V AC/DC	66-67
C.EVOLUX2-V LED 24V AC/DC	66-67
C.EVOLUX2-V LED 230V DALI	66-67
<b>TRENDLUX2 LED</b>	<b>68-73</b>
MULTITREND2 LED 1h/3h	68-73
MULTITREND2 LED 1h/3h DALI	68-73
C.TRENDLUX2 230V AC/DC	68-73
C.TRENDLUX2 24V AC/DC	68-73
C.TRENDLUX2 230V DALI	68-73





# EMERGENCY LIGHTING: PREMIUM LINE

CONTENTS



<b>68-73</b>	<b>TRENDLUX2 LED</b>
68-73	MULTITREND2 LED 1h/3h
68-73	MULTITREND2 LED 1h/3h DALI
68-73	C.TRENDLUX2 230V AC/DC
68-73	C.TRENDLUX2 24V AC/DC
68-73	C.TRENDLUX2 230V DALI
<b>74-77</b>	<b>TRENDLUX2-TOP LED</b>
74-77	MULTITREND2-TOP LED 1h/3h
74-77	MULTITREND2-TOP LED 1h/3h DALI
74-77	C.TRENDLUX2-TOP 230V AC/DC
74-77	C.TRENDLUX2-TOP 24V AC/DC
74-77	C.TRENDLUX2-TOP 230V DALI
<b>78-83</b>	<b>NORMALUX2 LED</b>
78-83	MULTINORMA2-AT 1h/3h
78-83	C.NORMALUX 230V AC/DC
78-83	C.NORMALUX 24V AC/DC
<b>84-91</b>	<b>PRIMALUX-A/-B LED</b>
84-91	MULTIPRIMA-A-AT 1h/3h / DALI
84-91	MULTIPRIMA-B-AT 1h
84-91	MULTIPRIMA-A+2xLED 1h/3h
84-91	C.PRIMALUX-A/-B 230V / DALI
84-91	C.PRIMALUX-A/-B 24V AC/DC
<b>92-97</b>	<b>PRIMALUX-AP LED</b>
92-97	MULTIPRIMA-AP 1h/3h / DALI
92-97	MULTIPRIMA-APA+2xLED 1h/3h
92-97	MULTIPRIMA-APB+2xLED 1h/3h
92-97	C.PRIMALUX-AP 230V / 24V AC/DC
92-97	C.PRIMALUX-AP/APA/APB 230V / 24V AC/DC
<b>98-101</b>	<b>PRIMALUX-AV LED</b>
98-101	MULTIPRIMA-AV 1h/3h / DALI
98-101	MULTIPRIMA-AVA+2xLED 1h/3h
98-101	MULTIPRIMA-AVB+2xLED 1h/3h
98-101	C.PRIMALUX-AV 230V / 24V AC/DC
98-101	C.PRIMALUX-AV/AVA/AVB 230V / 24V AC/DC
<b>102-105</b>	<b>FALCON-P / FALCON-V</b>
102-105	FALCON-AT 1h/3h
102-105	FALCON 1h/3h DALI
102-105	C.FALCON 230V DALI
102-105	C.FALCON 24V AC/DC
102-105	C.FALCON 230V AC/DC
<b>106-114</b>	<b>LEDLUX2-P</b>
106-114	MULTILED2-P-AT 1h/3h
106-114	MULTILED2-P-DALI 1h/3h
106-114	C.LEDLUX2-P 230V AC/DC
106-114	C.LEDLUX2-P 24V AC/DC
106-114	C.LEDLUX2-P 230V DALI
<b>115-119</b>	<b>LEDLUX2-V</b>
115-119	MULTILED2-V-AT 1h/3h
115-119	MULTILED2-V-DALI 1h/3h
115-119	C.LEDLUX2-V 230V AC/DC
115-119	C.LEDLUX2-V 24V AC/DC
115-119	C.LEDLUX2-V 230V DALI

# EMERGENCY LIGHTING: PREMIUM LINE

<b>LEDLUX-R</b>	<b>120-123</b>
MULTILED2-R-AT LED 3h	120-123
MULTILED2-R 3h DALI	120-123
C.LEDLUX2-R 230V DALI	120-123
C.LEDLUX2-R 24V AC/DC	120-123
C.LEDLUX2-R 230V DALI	120-123
<b>LEDLUX-R</b>	<b>120-123</b>
MULTILED2-R-AT LED 3h	120-123
MULTILED2-R 3h DALI	120-123
C.LEDLUX2-R 230V DALI	120-123
C.LEDLUX2-R 24V AC/DC	120-123
C.LEDLUX2-R 230V DALI	120-123
<b>TRACKLUX</b>	<b>124-127</b>
TRACKLUX-AT 1-3h + DALI	124-127
TRACKLUX-AT-A+2xLED 1-3h	124-127
TRACKLUX-AT-B+2xLED 1-3h	124-127
C.TRACKLUX LED 230V AC/DC	124-127
C.TRACKLUX LED 230V DALI	124-127
<b>TRIPLELUX2 LED</b>	<b>130-131</b>
MULTITRIPLE2-AT LED 1h	130-131
MULTITRIPLE2-AT-A+1xLED LED 1h	130-131
MULTITRIPLE2-AT-B+1xLED LED 1h	130-131
C.TRIPLELUX2 LED 230V AC/DC	130-131
C.TRIPLELUX2-A/-B LED 230V	130-131
<b>ARRISLUX2 LED</b>	<b>128-129</b>
MULTIARRIS2-AT LED 1h	128-129
MULTIARRIS2-AT-A+1xLED LED 1h	128-129
MULTIARRIS2-AT-B+1xLED LED 1h	128-129
C.ARRISLUX2 LED 230V AC/DC	128-129
C.ARRISLUX2-A/-B+1xLED 230V	128-129
<b>LEGEND L/XL</b>	<b>132-135</b>
LEGEND-AT 1-3h	132-135
LEGEND 1-3h DALI	132-135
C.LEGEND 230V AC/DC	132-135
C.LEGEND 24V AC/DC	132-135
C.LEGEND 230V DALI	132-135
<b>LEDLUX-SPOT2-V</b>	<b>133-145</b>
MULTILED-SPOT2-A-V 1h/3h +DALI	136-145
MULTILED-SPOT2-B-V 1h/3h +DALI	136-145
C.LEDLUX-SPOT2-A-V 230V / 24V	136-145
C.LEDLUX-SPOT2-B-V 230V / 24V	136-145
C.LEDLUX-SPOT2-V 230V DALI	136-145
<b>LEDLUX-SPOT2-P</b>	<b>146-151</b>
MULTILED-SPOT2-A-P 1h/3h +DALI	146-151
MULTILED-SPOT2-B-P 1h/3h +DALI	146-151
C.LEDLUX-SPOT2-A-P 230V / 24V	146-151
C.LEDLUX-SPOT2-B-P 230V / 24V	146-151
C.LEDLUX-SPOT2-230V DALI	146-151
<b>1LX SPACING TABLES</b>	<b>210-217</b>
1LUX SPACING TABLES - CEILING	210-217
1LUX SPACING TABLES - WALL	210-217





# HIGH CEILING APPLICATIONS

Page No. 152-169



<b>154-159</b>	<b>LEDLUX-SPOT2-HCA/-HCB</b>
154-156	MULTILED-SPOT2-HCA 1h + DALI
157-159	MULTILED-SPOT2-HCB 1h + DALI
154-156	C.LEDLUX-SPOT2-HCA 230/24V AC/DC
157-159	C.LEDLUX-SPOT2-HCB 230/24V AC/DC
154-159	C.LEDLUX-SPOT2-HCA/-HCB 230V DALI
<b>160-161</b>	<b>PERUN2</b>
160-161	PERUN2-AT 1h
160-161	PERUN2 1h DALI
160-161	C.PERUN2 230V AC/DC
160-161	C.PERUN2 24V AC/DC
160-161	C.PERUN2 230V DALI
<b>162-164</b>	<b>ROTALUX2 LED</b>
162-164	MULTIROTALUX2-AT 1h
162-164	MULTIROTALUX2 1h DALI
162-164	C.ROTALUX 230V AC/DC
162-164	C.ROTALUX 24V AC/DC
162-164	C.ROTALUX 230V DALI
<b>165-169</b>	<b>POWERLUX2</b>
165-169	MULTIPOWER2-AT 1h
165-169	MULTIPOWER2 1h DALI
165-169	C.POWERLUX 230V AC/DC
165-169	C.POWERLUX 24V AC/DC
165-169	C.POWERLUX 230V DALI

# NO-AT CINEMA APPLICATIONS

Page No. 170-181



<b>176-179</b>	<b>LEDLUX-SPOT2 NO-AT</b>
176-177	MULTILED-SPOT2-A-V 1h/3h NO-AT
178-179	MULTILED-SPOT2-A-P 1h/3h NO-AT
176-177	MULTILED-SPOT2-B-V 1h/3h NO-AT
178-179	MULTILED-SPOT2-B-P 1h/3h NO-AT
<b>172-173</b>	<b>LEDLUX NO-AT</b>
172-173	MULTILED2-P 3h NO-AT
172-173	MULTILED2-V 3h NO-AT
<b>180-181</b>	<b>POWERLUX2 NO-AT</b>
180-181	MULTIPOWER2 1h NO-AT

## STANDARD Line

Page No. 182-209

MINILED RETROFIT LED TUBE	183
MINILED RETROFIT LED TUBE	183
PICTORLUX 8W/LED	184-185
PICTORLUX / MULTIPIC TOR 8W 1h	184-185
MULTIPIC TOR LED 1h/3h	184-185
C.PICTORLUX 8W 230V AC/DC	184-185
C.PICTORLUX LED 230V AC/DC	184-185
LEDLUX-P	186-191
MULTILED-P 3h	186-191
MULTILED-P-AT 1h/3h	186-191
C.LEDLUX-P 230V AC/DC	186-191
C.LEDLUX-P 24V AC/DC	186-191
LEDLUX-V	192-197
MULTILED-V 3h	192-197
MULTILED-V-AT 1h/3h	192-197
C.LEDLUX-V 230V AC/DC	192-197
C.LEDLUX-V 24V AC/DC	192-197
CUBELUX LED	199-203
MULTICUBE-220-AT 5xLED/1h	199-203
C.CUBELUX-220 5xLED/24V/230V	199-203
HILLUX LED	204-205
MULTIHILL-AT 5xLED 1/3h	204-205
C.HILLUX LED 230V AC/DC	204-205
C.HILLUX LED 110V DC	204-205
EXITLUX3 LED	206-209
MULTIEXIT3 LED 1h	206-209
1LX SPACING TABLES	210-217
1LUX SPACING TABLES - CEILING	210-217
1LUX SPACING TABLES - WALL	210-217





Product

**Assortment**

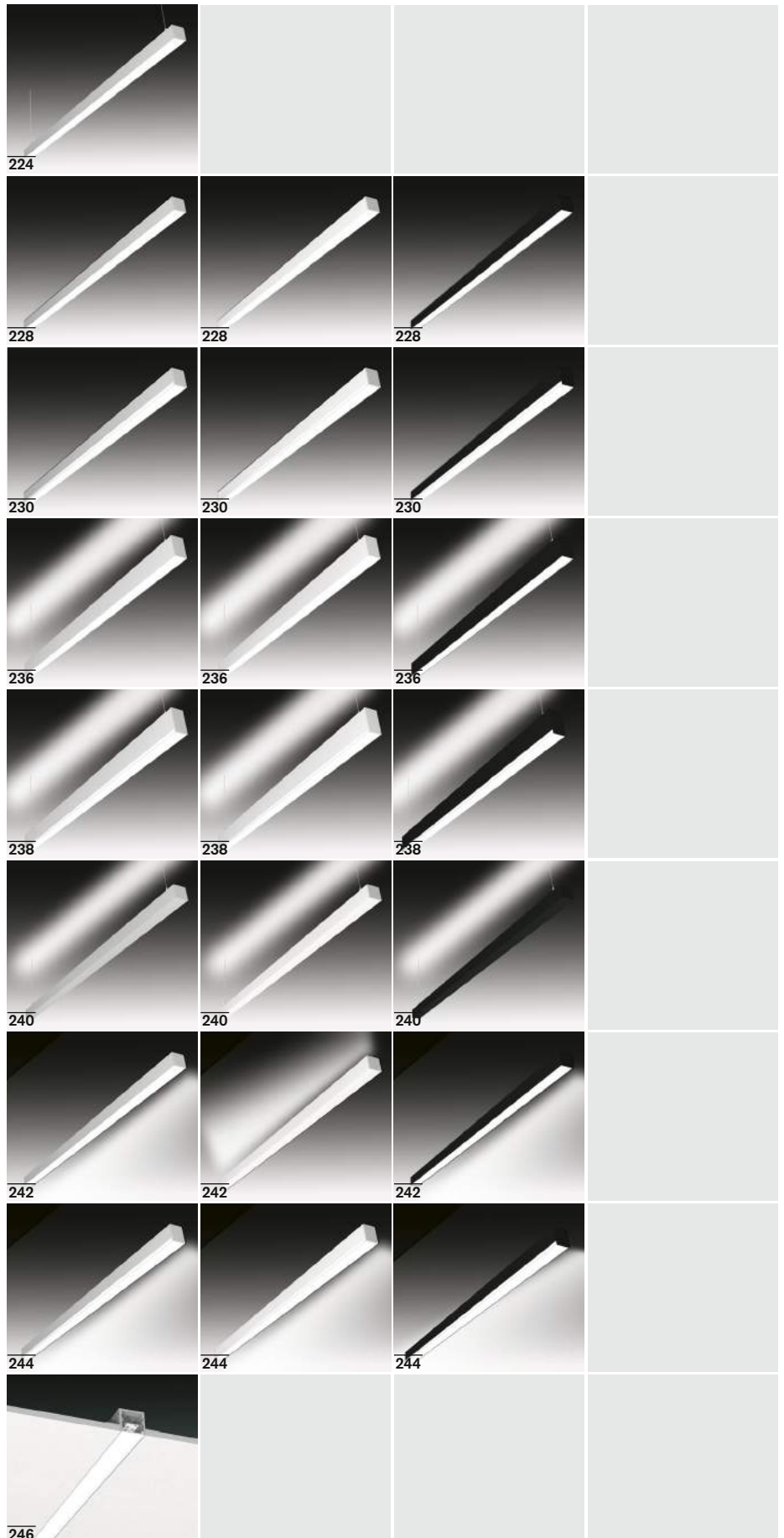
**ARCHITECTURAL**  
LIGHTING

**INTERIÉROVÉ**  
SVIETIDLÁ

Page No: **218-297**

# ARCHITECTURAL LIGHTING

<b>WEGA-MODULE LED</b>	<b>224-225</b>
WEGA-MODULE-AS	224-225
WEGA-MODULE-AM	224-225
WEGA-MODULE-AL	224-225
<b>WEGA-MODULE2-AA LED</b>	<b>226-229</b>
WEGA-MODULE2-AA LED Anodised	226-229
WEGA-MODULE2-AA LED RAL9003	226-229
WEGA-MODULE2-AA LED RAL9003	226-229
<b>WEGA-MODULE2-AB LED</b>	<b>230-235</b>
WEGA-MODULE2-AB LED Anodised	230-235
WEGA-MODULE2-AB LED RAL9003	230-235
WEGA-MODULE2-AB LED RAL9005	230-235
<b>WEGA-MODULE2-FAA LED</b>	<b>236-237</b>
WEGA-MODULE2-FAA LED Anodised	236-237
WEGA-MODULE2-FAA LED RAL9003	236-237
WEGA-MODULE2-FAA LED RAL9005	236-237
<b>WEGA-MODULE2-FAB LED</b>	<b>238-239</b>
WEGA-MODULE2-FAB LED Anodised	238-239
WEGA-MODULE2-FAB LED Anodised	238-239
WEGA-MODULE2-FAB LED Anodised	238-239
<b>WEGA-MODULE2-EA LED</b>	<b>240-241</b>
WEGA-MODULE2-EA LED Anodised	240-241
WEGA-MODULE2-EA LED RAL9003	240-241
WEGA-MODULE2-EA LED RAL9005	240-241
<b>WEGA-MODULE2-DA LED</b>	<b>242-243</b>
WEGA-MODULE2-DA LED Anodised	242-243
WEGA-MODULE2-DA LED RAL9003	242-243
WEGA-MODULE2-DA LED RAL9005	242-243
<b>WEGA-MODULE2-DB LED</b>	<b>244-245</b>
WEGA-MODULE2-DB LED Anodised	244-245
WEGA-MODULE2-DB LED RAL9003	244-245
WEGA-MODULE2-DB LED RAL9003	244-245
<b>WEGA-MODULE2-AA LED</b>	<b>246-249</b>
WEGA-MODULE2-AA LED 572mm	246-249
WEGA-MODULE2-AA LED 851mm	246-249
WEGA-MODULE2-AA LED 1130mm	246-249
WEGA-MODULE2-AA LED 1409mm	246-249





# ARCHITECTURAL LIGHTING

CONTENTS



<b>250-251</b>	<b>AVANTIS-APD2 LED / T8 LED</b>
250-251	AVANTIS-APD2 LED
250-251	AVANTIS-APD2 T8 LED
<b>256-257</b>	<b>AVANTIS-CD2 LED / T8 LED</b>
256-257	AVANTIS-CD2 LED
256-257	AVANTIS-CD2 T8 LED
<b>258-259</b>	<b>TALENTLUX T8 LED</b>
258-259	TALENTLUX-A
<b>258-259</b>	<b>TALENTLUX T8 LED</b>
258-259	TALENTLUX-B
<b>260-263</b>	<b>WEGA-FRAME2-CA LED</b>
260-263	WEGA-FRAME2-CA LED Anodised
260-263	WEGA-FRAME2-CA LED RAL9003
260-263	WEGA-FRAME2-CA LED RAL9005
<b>264-265</b>	<b>WEGA-FRAME2-CB LED</b>
264-265	WEGA-FRAME2-CB LED Anodised
264-265	WEGA-FRAME2-CB LED RAL9003
264-265	WEGA-FRAME2-CB LED RAL9005
<b>268-273</b>	<b>WEGA-FRAME2-AA LED</b>
268-273	WEGA-FRAME2-AA LED Anodised
268-273	WEGA-FRAME2-AA LED RAL9003
268-273	WEGA-FRAME2-AA LED RAL9005
<b>272-277</b>	<b>WEGA-FRAME2-DA LED</b>
272-277	WEGA-FRAME2-DA LED Anodised
272-277	WEGA-FRAME2-DA LED RAL9003
272-277	WEGA-FRAME2-DA LED RAL9005
<b>278-279</b>	<b>WEGA-FRAME2-DB LED</b>
278-279	WEGA-FRAME2-DB LED Anodised
278-279	WEGA-FRAME2-DB LED RAL9003
278-279	WEGA-FRAME2-DB LED RAL9005

# ARCHITECTURAL LIGHTING

<b>WEGA-FRAME2-BA LED</b>	<b>280-281</b>
WEGA-FRAME2-BA LED Anodised	280-281
WEGA-FRAME2-BA LED RAL9003	280-281
WEGA-FRAME2-BA LED RAL9003	280-281
<b>NEOLUX LED</b>	<b>282-283</b>
NEOLUX LED	282-283
<b>AIROLUX LED</b>	<b>284-285</b>
AIROLUX LED	284-285
<b>MODULUX-A</b>	<b>286-289</b>
MODULUX-A LED	286-289
MODULUX-A 2x9W	286-289
MULTIMODULUX-A LED/1h	286-289
<b>RADIUS LED</b>	<b>290-291</b>
RADIUS LED	290-291
<b>SOLIDLUX</b>	<b>292-293</b>
SOLIDLUX S1	292-293
SOLIDLUX S2	292-293
<b>AL PROFILE &amp; DIFFUSER PARTS</b>	<b>294-295</b>
AL PROFILE&DIFFUSER 35x35mm	294-295
AL PROFILE&DIFFUSER 50x50mm	294-295
AL PROFILE&DIFFUSER 50x65mm	294-295
<b>AL PROFILE &amp; DIFFUSER PARTS</b>	<b>296</b>
AL PROFILE&DIFFUSER 50x79mm	296
AL PROFILE&DIFFUSER 50x94mm	296
<b>AL PROFILE &amp; DIFFUSER PARTS</b>	<b>297</b>
AL PROFILE&DIFFUSER 70x90mm	297
AL PROFILE&DIFFUSER 80x86mm	297



280



282



284



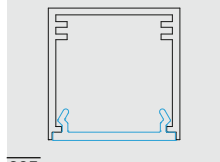
286



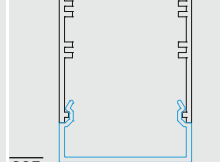
290



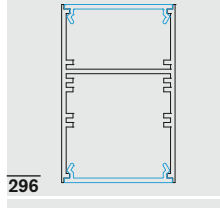
292



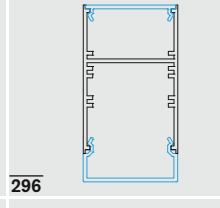
295



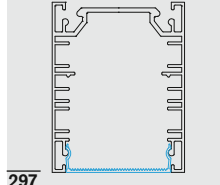
295



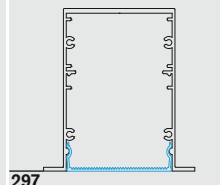
296



296



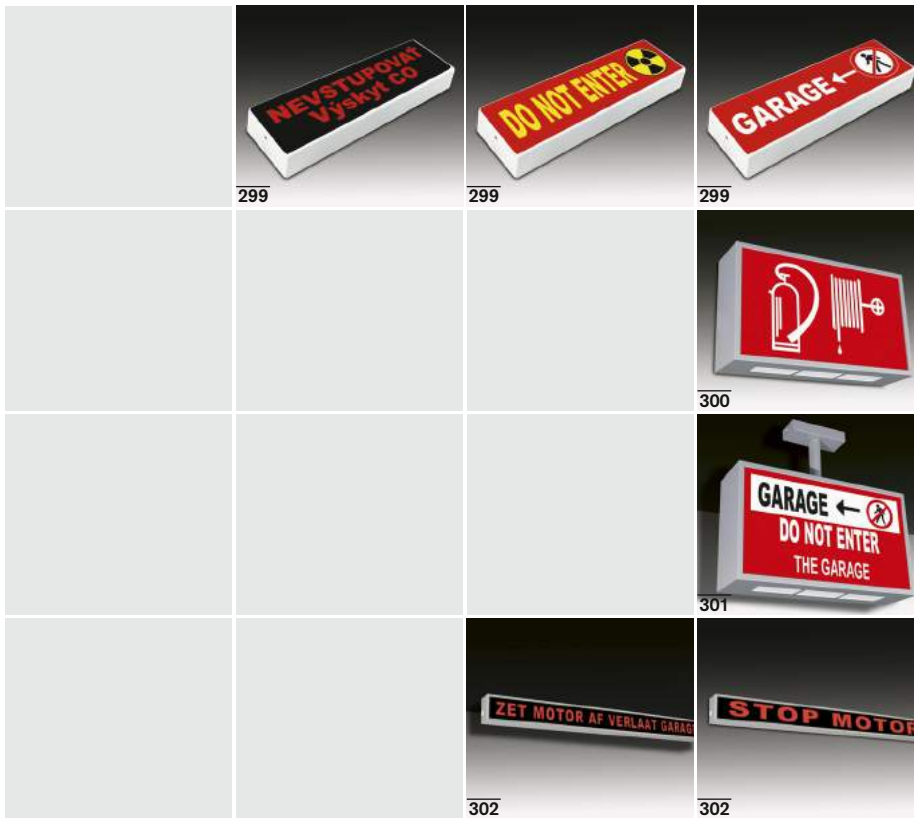
297



297







<b>299</b>	<b>MICROINFO</b>
299	MICROINFO-EP 11W
299	MICROINFO 2x15W/E14
<b>300</b>	<b>INFO</b>
300	INFO 2x18W
300	INFO-370 LED
300	INFO-650 LED
<b>301</b>	<b>TOPINFO</b>
301	TOPINFO 2x18W
301	TOPINFO-370 LED
301	TOPINFO-650 LED
<b>302-303</b>	<b>SIGNALUX/MULTISIGNAL/MULTITOP</b>
302	SIGNALUX T5 35/49W
302	SIGNALUX T8 36W
302	SIGNALUX LED
302	SIGNALUX 58W/1h
302	MULTISIGNAL-INF 18W/1h



**SEC** is producer of the **whole informational lighting range** (LightBox Displays) for both general and special usage. Choose the **right information** lighting fixture SEC which would fulfil your expectations concerning design, power and especially **transfer of information** to the others.

Firma **SEC** vyrába celú škálu **informačných a reklamných svietidiel** pre všeobecné, ale aj špeciálne použitie. Vyberte si práve také informačné alebo reklamné svietidlo SEC, ktoré Vám **naplní Vaše očakávania** z hľadiska dizajnu, výkonu, ale hlavne splnenia požiadavky „odovzdať informáciu“ ostatným.



Today, SEC's plant consists of **55.000sqm** where all key technology is under one roof. It includes all:

- **3x SMT SAMSUNG Lines** for all **electronics and LED modules** production
- **7x CNC Laser & Punching & Bending** machines for **metal sheet parts**
- **3x CNC AL profiles machining** centers
- **CNC milling machine** for solid **AL parts** production
- **2x Powder Painting**

In addition, SEC has also invested in the latest software applications such as:

- **ERP ORACLE & PDM ENOVIA SmarTeam**
- and applications intended to support the development of lighting fixtures:
- **3DVIA Composer**
- **OPTIS** for lighting simulations
- **Thermal and structural analysis**

V súčasnosti sa výrobný závod SEC rozprestiera na ploche **55000m<sup>2</sup>**, kde sú sústredené všetky kľúčové výrobné technológie:

- **3x SMT linky SAMSUNG** pre výrobu **elektroniky a všetkých LED** modulov
- **7x CNC Laser & Punching & Bending** stroje pre výrobu plechových dielov
- **3x CNC obrábacie** centrum pre **AL profily**
- **CNC sústruh** pre výrobu AL dielov
- **2x Prášková lakovňa**

Okrem investícií do výrobných technológií firma SEC neustále investuje najmodernejších softvérových aplikácií:

- **ERP ORACLE & PDM ENOVIA SmarTeam**
- a aplikácií na podporu vývoja:
- **3DVIA Composer**
- **OPTIS** pre svetelno-technické simulácie, **termálne a pevnostné** analýzy

The level of luminaries' production has shifted upwards considerably, also thanks to SEC Lighting - one of the leading companies in the lighting industry. Thanks to the massive investments in production technologies, software, product development and ecology, SEC has become the region's leader and a serious global competitor.

Úroveň výroby svetidiel sa opäť raz zvýšila a to i vďaka firme SEC Lighting, ktorá masívnymi investíciami v oblasti výrobných technológií, softvéru, vývoja nových produktov a ekológie zaujala popredné miesto medzi výrobcami svetelnej techniky nielen v regióne ale i vo svete



All these innovations have brought a new range of products using more increasingly progressive sources such as LEDs, LIFEP04 batteries and halogen-free wiring what ultimately led to the establishment of ECOTREND and considerably contributed to the protection of environment.

**Be 'IN'.. Be INnovative with the SEC luminaries.**



Všetky tieto inovácie priniesli nový rad produktov využívajúcich čoraz viac nové progresívne zdroje ako napríklad LED diódy, LIFEP04 akumulátory a bezhalogénové vodiče, čím firma SEC zaviedla ECOTREND v produkcii svojich svetidiel a výrazne tým prispela k ochrane životného prostredia.

**Buďte "IN"..  
 Buďte INovatívni so svetidlami firmy SEC Lighting.**







SEC is one of few luminous technique producers in EU that owns certificates for all significant activities in accordance with the standard **ISO 9001:2015**. All from designing, development and production up to marketing and services. All these activities are in tune with each other and thanks to this fact they create harmonious entirety, the company SEC, that brings to you the products of the highest quality and parameters.

With the luminaries of SEC you are sure all the time you have made the right decision.  
**Quality of our products proves it.**

Firma SEC patrí medzi popredných európskych výrobcov svetelnej techniky, ktorí majú certifikované všetky dôležité aktivity podľa normy **ISO9001:2015** - od návrhu, vývoja a výroby až po organizáciu predaja a servisné služby. Všetky činnosti do seba zapadajú a tak vytvárajú pevný celok s presne definovanými vzťahmi. Firma SEC Vám vďaka tomu prináša výrobky tej najlepšej kvality a parametrov. So svietidlami SEC si môžete byť istí, že ste učinili správne rozhodnutie.  
**Kvalita našich výrobkov je toho dôkazom.**



## Certificate of Approval

This is to certify that the Management System of:

**SEC spol. s r. o.**

Jakuba Haška 11 Nitra, 949 01 Nitra, Slovakia

has been approved by LRQA to the following standards:

ISO 9001:2015

P.G. Cornelissen - Area Manager North Europe

Issued by: Lloyd's Register EMEA

Current issue date: 11 September 2018

Expiry date: 10 September 2021

Certificate identity number: 10130154

Original approval(s):

ISO 9001 – 21 February 2011

Approval number(s): ISO 9001 – 0051408

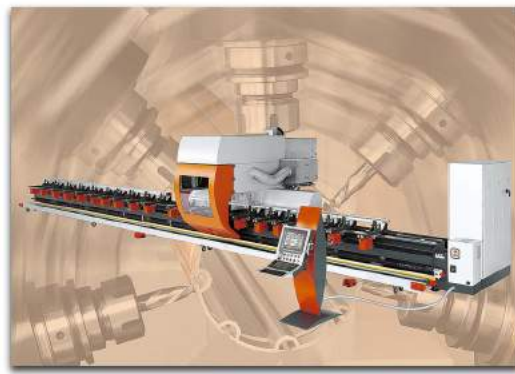
The scope of this approval is applicable to:  
Design and development, manufacture and sales of emergency lighting, indoor lighting, electronic ballasts and lighting fixtures for public transport vehicles.







CNC Stud Welding



3x CNC Aluminum Profiles Machining



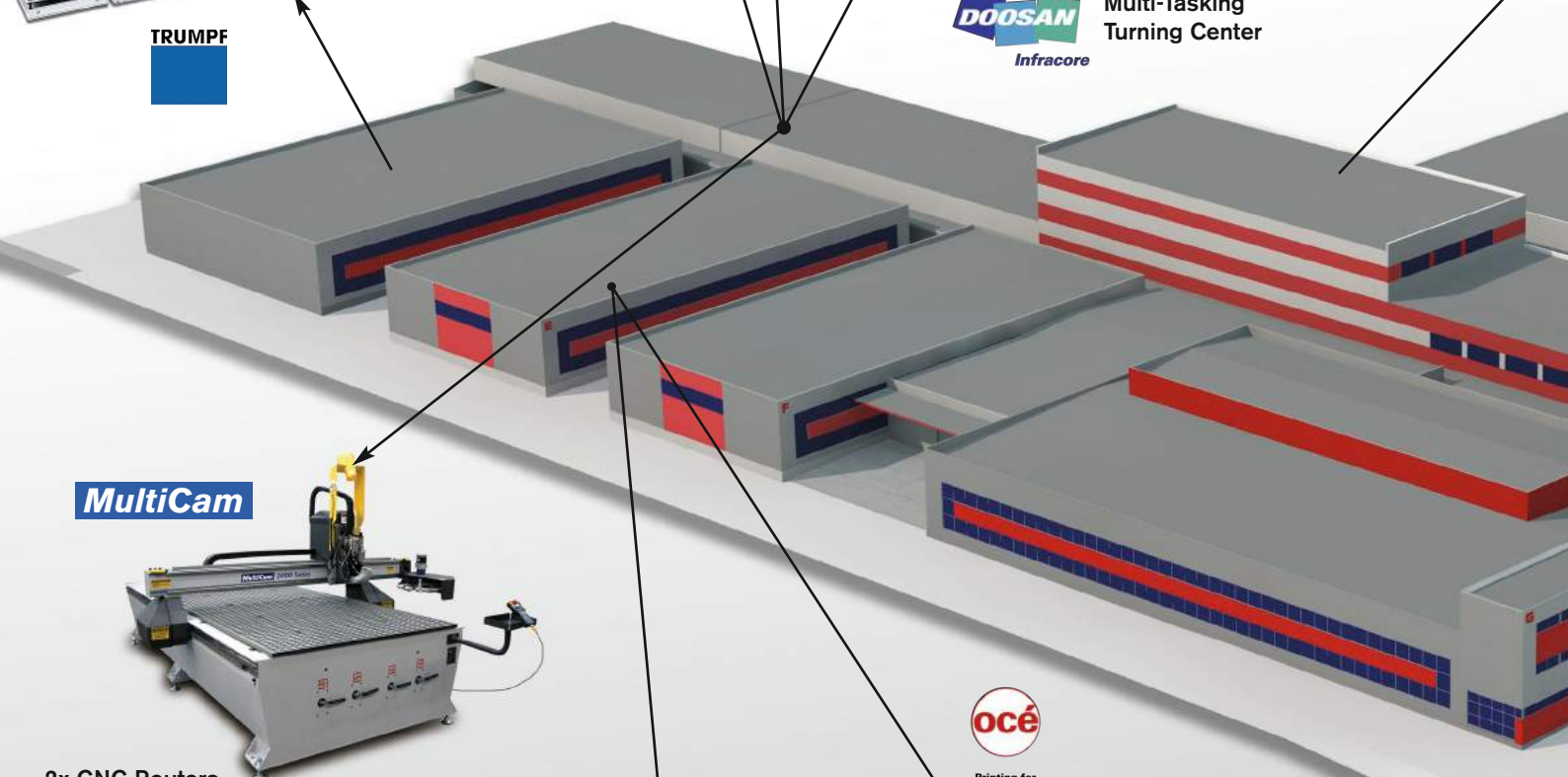
8x CNC Machines  
Laser & Punching & Bending



TRUMPF



Multi-Tasking  
Turning Center



MultiCam



2x CNC Routers  
for plastic parts  
machining



2x Laser Cutting Machines:  
• 1x for acrylic sheets  
• 1x for metal sheets



Printing for Professionals



Flatbed UV Printer



MARKETING

ENGINEERING

PROCUREMENT





Photometric Lab



18x Automatic stocking systems



Optical Inspection



Lead-free Soldering

kirsten soldering ag



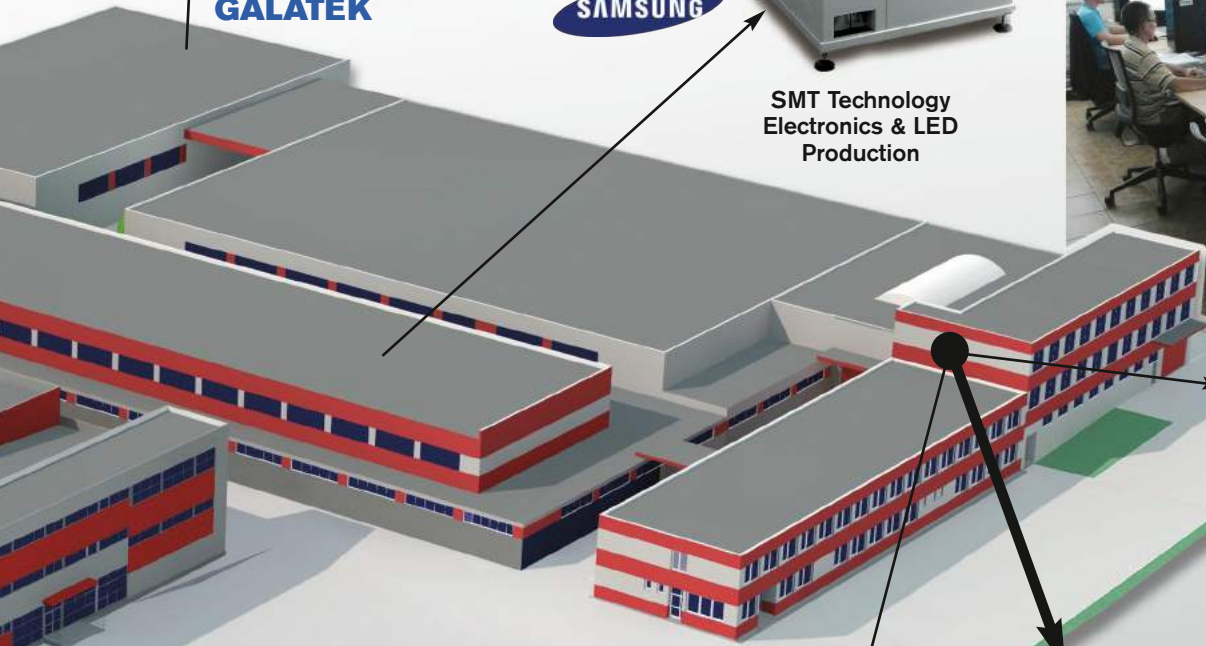
Wet & Powder Painting Technology  
**GALATEK**



**SAMSUNG**  
SMT Technology  
Electronics & LED  
Production



**Design & Engineering**



**CATIA**  
**ENOVIA**  
**3DVIA**

**ERP**  
**ORACLE**



**OPTIS**  
Lighting  
Simulations

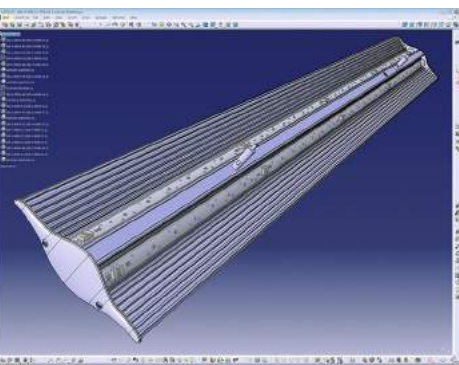
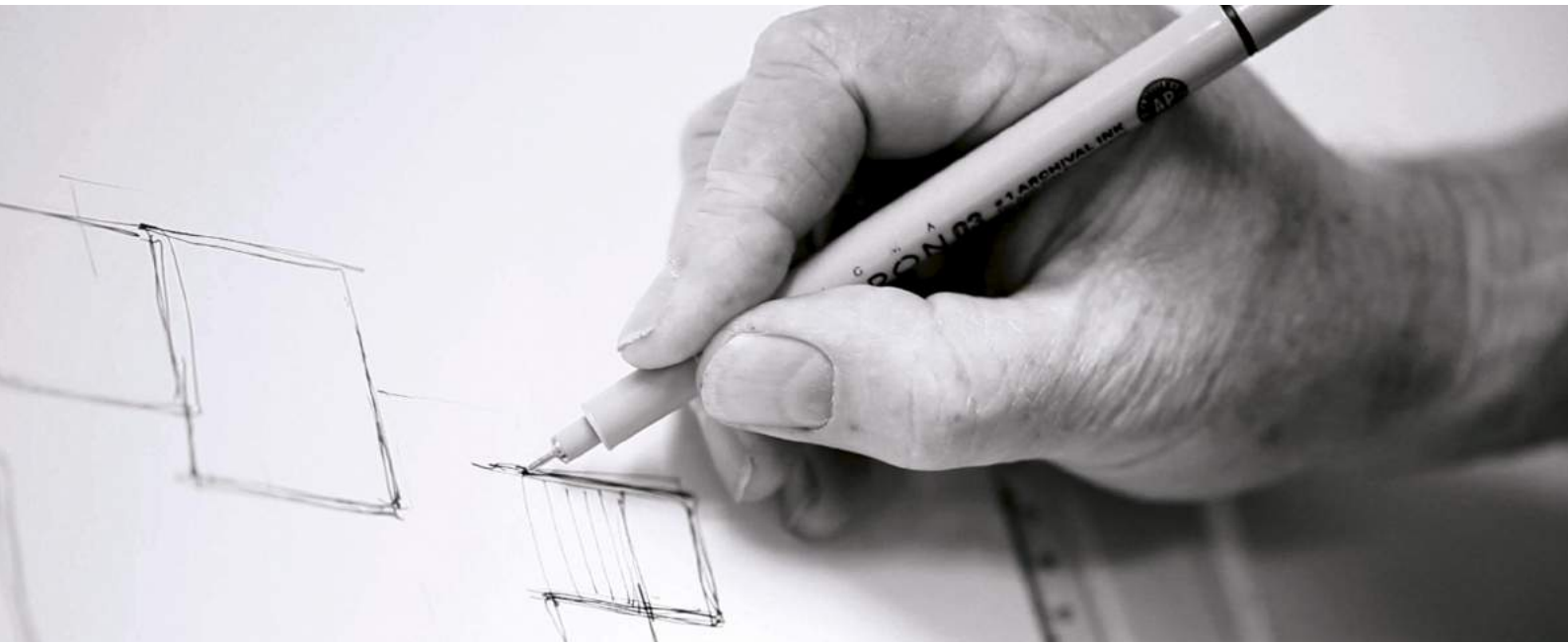
**QUALITY**

**PRODUCTION**

**SALES**

**LOGISTICS**

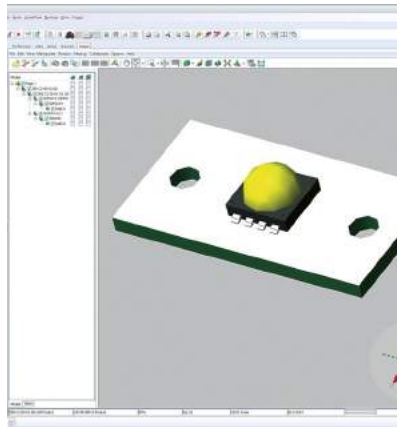




The demand to increase the feed-back speed between market requests and production has led SEC to build up a Hi-Tech base on the field of all development, design and the production process. For the needs of both development and the design of mechanical product parts, SEC uses 3D software and visualization based on **CATIA-CADAM**. This technology allows us to create the new product design before the product sample is made. The possibility of simulating the lighting fixture behaviour is another advantage of this technology.

Potreba zrýchlenia odozvy medzi požiadavkami trhu a realizácie finálnych produktov viedla firmu SEC k budovaniu modernej technologickej základne v oblasti vývoja, technickej prípravy výroby i samotného výrobného procesu. Pre vývoj a konštrukciu mechanických častí výrobkov SEC používa progresívnu technológiu 3D objemového modelovania s následnou vizualizáciou v softvérovom prostredí **CATIA-CADAM**. Táto technológia nám umožňuje hneď na prvom stupni vývoja výrobu predložiť tvarové a konštrukčné riešenie verne zobrazujúce predpokladané riešenie potenciálnemu odberateľovi. Nemalou prednosťou je možnosť simulovať budúcu aplikáciu vo virtuálnom prostredí so stanovením optimálnych svetelno-technických vlastností.

Dassault Systèmes' **3DVIA Composer** is a desktop application for revolutionizing the creation of product deliverables. Animation including kinematics and reverse-kinematics, as well as high-resolution raster images including BMP, JPG, PNG and TIF files, can be created easily. Producing 2D line art as SVG and CGM files quickly and easy with 3DVIA Composer's built-in technical illustration capabilities. 3DVIA Composer allows users to control and manage access to their intellectual property in 3DVIA Composer-generated deliverables. With "Right Manager" settings, content creators can manage access control when playing content with 3DVIA Composer Player and can also use patented "Secure3D" technology to prevent copying or theft of the intellectual property.

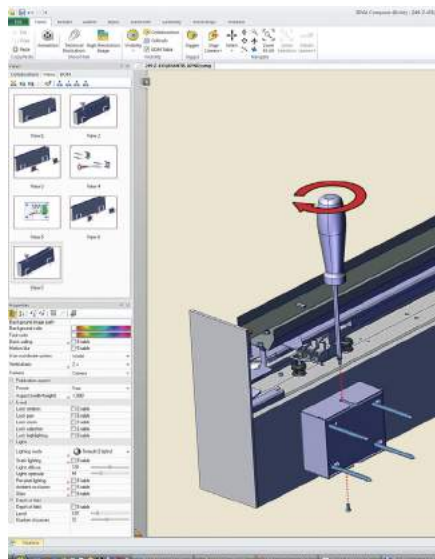


Dassault Systèmes' **ENOVIA SmarTeam** delivers world-class, rapid-value Product Lifecycle Management engineering departments of large enterprises. Its customer enjoy rapid business benefits through optimised control over diverse product data across sites and product-centric processes that drive collaboration across design and engineering domains, the entire enterprise, and with supply chain partners. ENOVIA SmarTeam is robust, flexible and offers low total costs of ownership.

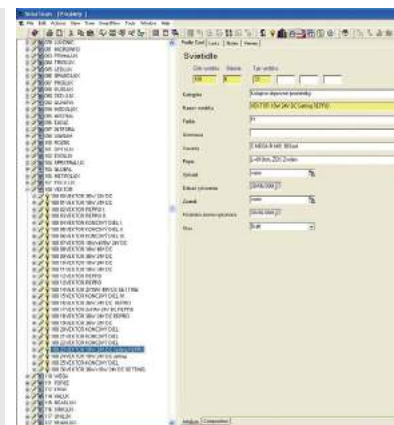
**3DVIA Composer** od Dassault Systèmes' je desktop aplikácia určená na revolučné riešenie tvorby produktových výstupov.

Animácie, ktoré zahŕňajú kinematiku a reverznú kinematiku, ako aj rastrové obrázky s vysokým rozlíšením, je veľmi ľahké vytvoriť.

Tvorba 2D čiarových grafík ako SVG a CGM je rýchla a jednoduchá vďaka zabudovaným schopnostiam technickej ilustrácie. S nastaveniami 'Right Manager' môžu tvorcovia obsahu pri prehrávaní obsahu spravovať prístup a taktiež môžu použiť patentovanú Secure3D technológiu, aby sa tak zabránilo kopírovaniu alebo krádeži duševného vlastníctva.



**ENOVIA SmarTeam** od Dassault Systèmes prináša technickým oddeleniam veľkých podnikov produkt svetovej triedy a rapidnej hodnoty: Product Lifecycle Management (riadenie životného cyklu produktu). Zákazník užíva obchodné výhody, ktoré mu prináša optimalizované ovládanie rozličných produktových dát a produktovo zamerané procesy, ktoré poháňajú spoluprácu naprieč konštrukčnými a inžinierskymi doménami, celým podnikom a dodávateľskými reťazcami.

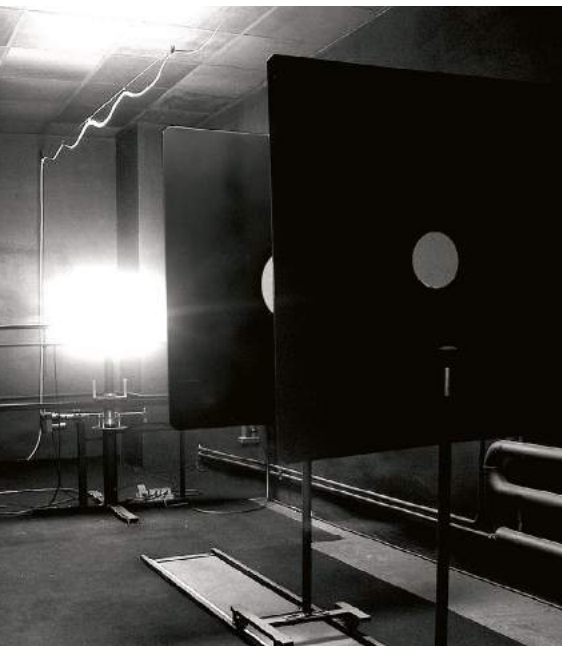
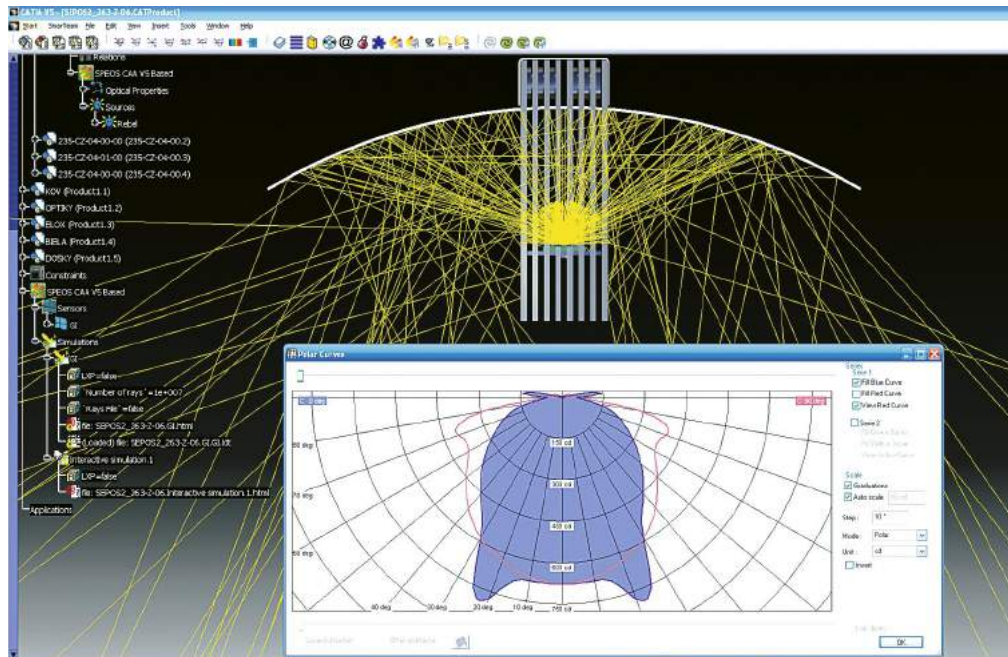




SEC is one of few lighting fixture producers that owns complete lighting simulation software and photometric lab for measuring lighting parameters. Lighting simulation **OPTIS** is the world's leading editor of **CATIA** integrated solutions providing physics-based simulation and optimization of lighting systems. By taking into account human vision and the physical properties of materials, **OPTIS** tools enable us to optimise lighting performance, visualise lit and unlit appearance, and collaboratively validate colours, textures and shapes. Later can be the results proved by real lighting measurements in our photometric lab.

Firma SEC patrí medzi popredných výrobcov svetelnej techniky, ktorí disponujú moderným softvérom a fotometrickým laboratóriom. Softvér **OPTIS** je svetový leader v simulácii svetelno-technických parametrov svietidiel v prostredí integrovanom pod CAD systémom **CATIA**. Vďaka tomu v reálnom čase už počas vývoja vieme simulovať a optimalizovať svetelný systém využívajúc fyzikálne parametre.

**OPTIS** ponúka možnosť vizualizovať svetidlo rozsvietené/zhasnuté a vďaka simulácii ľudského videnia dokáže zobrazíť reálne videné farby, tvary a povrchy. Následne môžu byť tieto výsledky overené v našom svetelno-technickom laboratórii už na reálnej vzorke svietidla.



**Photometric Lab:** Thanks to 12m long goniophotometer we are able to verify photometric parameters of new lighting even within development process. All of this is done with special emphasis on harmony of design and optimal lighting parameters. Optimal lighting parameters of SEC fixtures are the result of long-time measurements and consequent analysis by **SPEOS**. These results determine the fixture design. Lighting fixture efficiency is measured by sphere integrator with 3m diameter

**Fotometrické laboratórium** na meranie fotometrických parametrov svietidiel a svetelných zdrojov: Pomocou goniofotometra s dĺžkou 12m je možné už v etape vývoja verifikovať fotometrické vlastnosti vyvíjaného svietidla s dôrazom na súlad designu s optimálnymi svetelno-technickými parametrami, ktoré sú výsledkom dlhodobých meraní a následných analýz v softvérovom prostredí **SPEOS**, ktorých výsledky sú premietnuté do ich konštrukcie. Účinnosti svietidiel sú merané v guľovom integrátore s priemerom až 3m.

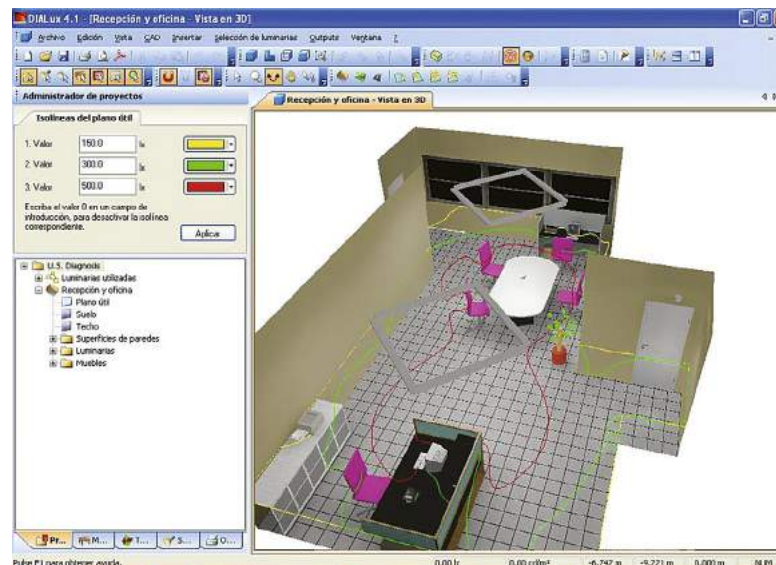


We bring you complex software support based on **DIALUX** which enables you to design lighting project which takes into the consideration all necessary factors in order to reach optimal power consumption balance.

Ask us for **LDT files** on [lab@sec.sk](mailto:lab@sec.sk) or you can download them from [www.sec.sk](http://www.sec.sk)

Na základe nameraných parametrov Vám prinášame komplexnú podporu, založenú na PC programe **DIALUX**, pomocou ktorej Vám navrhne optimálnu svetelnú sústavu s ohľadom na všetky potrebné faktory s cieľom dosiahnuť komfort osvetlenia pri optimálnej energetickej bilancii.

Vyžiadajte si **LDT súbory** na [lab@sec.sk](mailto:lab@sec.sk) alebo ich nájdte na [www.sec.sk](http://www.sec.sk)



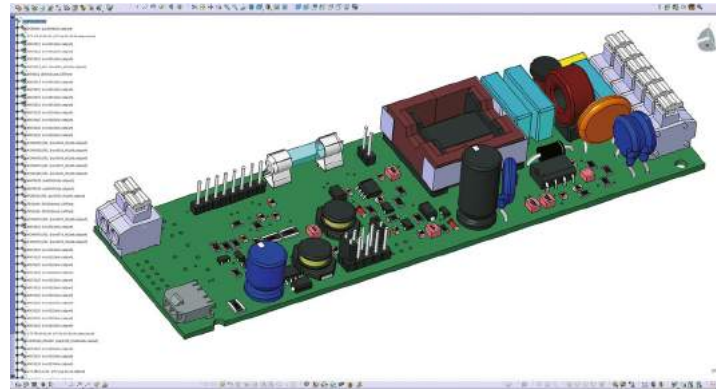


- **IMPROVE** Product Performance, Functionality and Reliability
- **REDUCE** Physical Prototyping and Production Costs
- **MINIMIZE** Risk of Making Design Mistakes

During the engineering and design process of a new product SEC pays high attention on the **reliability and life time parameters of an electronics including the LED modules**. In order to manufacture high quality electronics we regularly use powerful software tool for thermal analysis which allows us to identify and avoid all risks due to the thermal load of any electronic component.

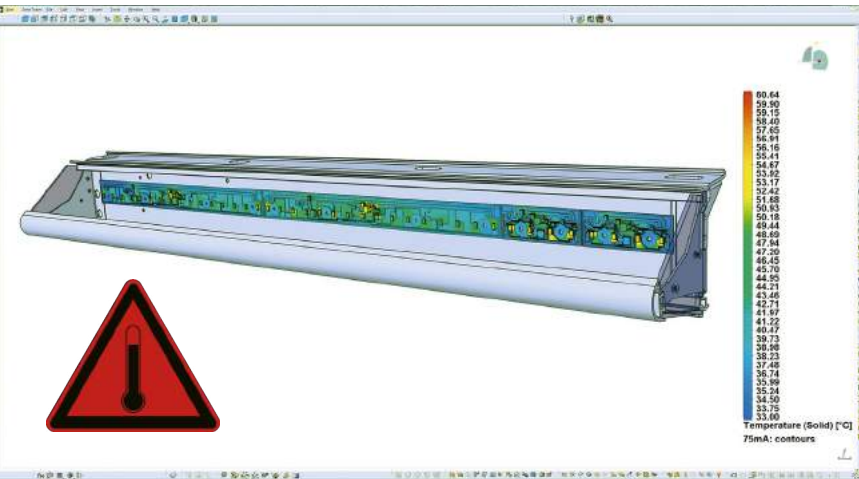
It enables broadbased mechanical design engineers to perform fluid-flow and heat transfer simulations directly from their 3D CAD models:

- Reduce prototyping costs drastically by replacing physical tests with virtual tests;
- Increase product quality while reducing production costs by helping your team reduce errors and create better products; and
- Shorten the development cycle by enabling your team to conduct "what-if" tests quickly.



### Electronics Module

The Electronics Cooling Module contains several features that make **thermal management simulations** of electronic systems more accurate. Besides extended databases of fan curves and packaging material or 2-Resistor components, it also contains specialized features and physics such as a PCB model and joule heating due to current flow. The Electronics Cooling Module is ideal for more detailed simulations of electronics systems.



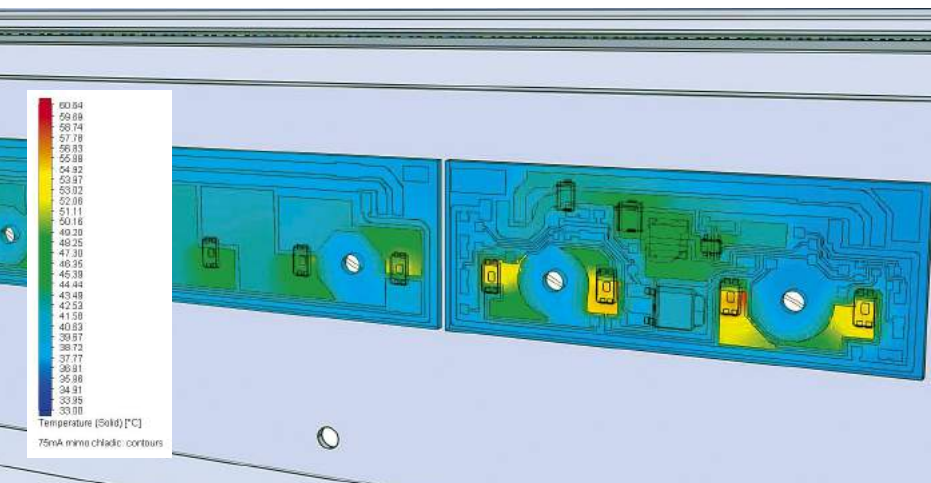
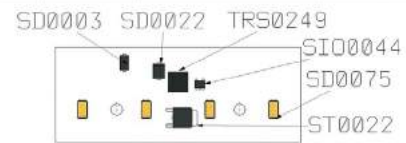
### LED Module

In order to obtain accurate results in lighting applications, special physics need to be considered. The LED Module is not only suitable for LED lighting applications but also for any other lighting applications. It contains the necessary radiation models such as Discrete Ordinate and Monte Carlo and provides capabilities to absorb radiation in transparent materials and considers refraction such as in lenses.

The LED Module is the ideal module for the lighting industry and especially for LEDs, it includes a new unique LED model that provides the junction temperature and hot lumen.

### Results: Normal mode 75mA Critical components

SEC number	Name	Max temperature - analysis	Max temperature - datasheet
SIC0044	AL8807	59,5°C	150°C
TRS0249	NRS6045	52,5°C	105°C
SD0022	SS26	46,5°C	150°C
SD0003	BYG10M	54,5°C	150°C
ST0022	IRFR420	45°C	150°C
SD0075	DURIS E5	59°C	120°C



## RAMS/LCC

As a result of this analysis we gain all relevant information needed for **RAMS/LCC analysis**.

SEC LCC analysis gives you the information about all service and maintenance costs needed during the whole lifetime of a train.

Thanks to this SEC is able to find the best balance between all the lighting performance, reliability and **Total Cost of Ownership (TCO)**.

**You can be sure you get the perfect product with high level of quality and reliability.**



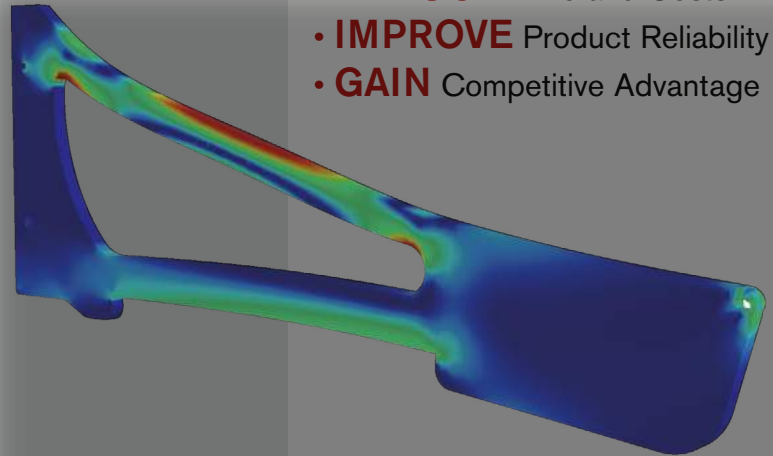
Besides the thermal analysis SEC pays high attention on the **structural analysis**, especially for both luggage racks and ceiling parts. SIMULIA provides us the complete design-integrated simulation capabilities within the CATIA V5 design environment. Our designers use the familiar CATIA user interface to perform analysis directly on their master reference model in CATIA. The combined CATIA Analysis and the SIMULIA Extended Analysis product suites offer us the possibility to accurately size our designs and quickly evaluate the real world performance during the design phase.

## Generative Part Structural Analysis

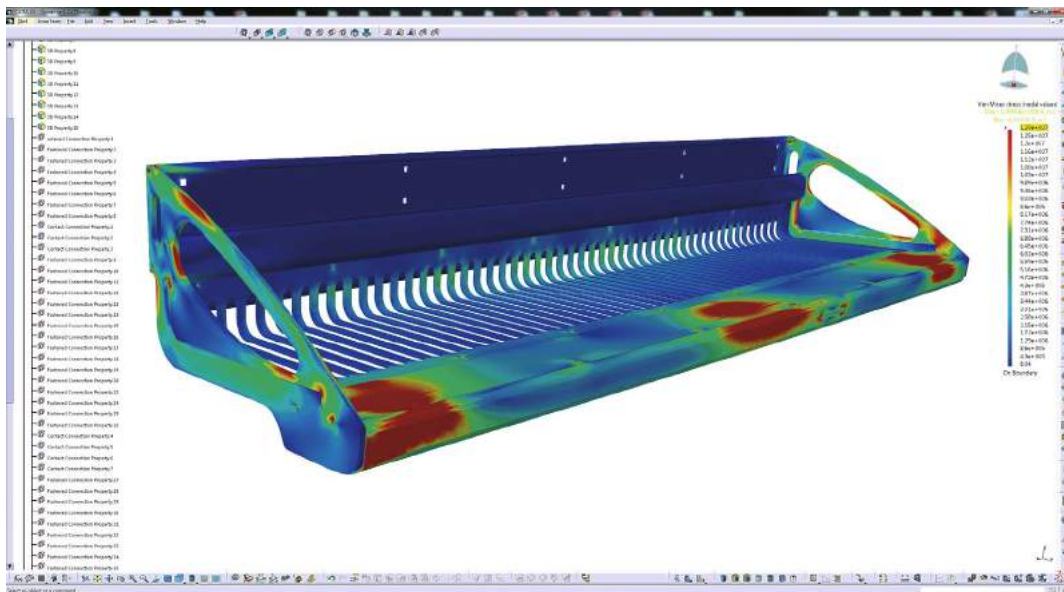
Generative Part Structural Analysis allows us to understand how our designs behave and to accurately calculate the displacements and stresses within the part under a variety of loading conditions. It also allows the vibration characteristics of parts to be assessed by calculating the natural frequencies and the associated mode shapes. Analyses can be performed on volume parts, surface parts and wireframe geometries.

### Highlights:

- Allows our designers to more accurately size parts and understand the mechanical behavior of their designs
- Provides rapid and accurate assessment of stress, displacement, and vibration characteristics
- Analysis is performed within the CAD environment so the analysis model is fully associative with the CAD geometry and specification
- Tightly integrated with knowledge-based engineering
- Seamless analysis data management within PLM



- **REDUCE** Time and Costs
- **IMPROVE** Product Reliability
- **GAIN** Competitive Advantage



## Generative Assembly Structural Analysis

Generative Assembly Structural Analysis extends the capability of Part Structural Analysis, allowing our designers to analyze assemblies as well as individual parts. The analysis of assemblies, including an accurate representation of the way the parts interact and are connected, allows more realistic and accurate simulation.

### Highlights:

- Achieves fast and accurate structural and modal analysis of an assembly
- Uses the assembly constraints and parts material specifications from the design
- Simulates the effect of bolt tightening and pressure fitting
- Supports assembly of analysis for efficient concurrent engineering

## Nonlinear Structural Analysis

Nonlinear Structural Analysis extends the CATIA V5 Analysis capabilities to allow more advanced simulation that includes nonlinear effects, such as large displacements and material nonlinearity. Material plasticity, typical of metals, can be modeled, as can the nonlinear elasticity in hyperelastic materials like rubber. Nonlinear Structural Analysis also provides more advanced contact capability including the automatic creation of contact surfaces based on their geometric proximity.

### Highlights:

- Includes the effect of large displacements
- Allows the plastic deformation of materials to be modeled
- Models the nonlinear elasticity of rubber and other hyperelastic materials
- Multi-step analysis allows the effect of multiple sequential loadings to be analyzed
  - Provides advanced contact capability including automatic contact detection
- Performs thermal stress analysis when used in conjunction with Thermal Analysis



**SMT ASSEMBLY**

SEC uses SMT electronics production lines. This technology ensures a highest level of quality, minimalizes human errors and allows us to manufacture very **sophisticated electronic designs**.

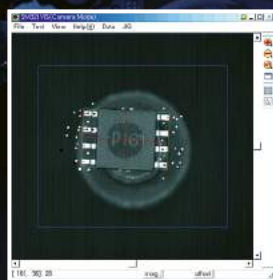
The automatic assembly machines Samsung SM320 and SM421 offer all:

- High productivity (16000CPH+21000 CPH)
- high flexibility (components from 0201 up to 55x55mm or connector up to length 72 mm)
- high assembly accuracy to 30microns at 3 sigma for QFP and IC components with the fine pitch

Firma SEC vyrába všetky elektronické podzostavy svietidiel vrátane LED modulov na špičkovej SMT technológiach, ktorých srdcom sú **SAMSUNG** osadzovacie stroje. Použitie špičkovej technológie povrchovej montáže dosiek plošných spojov (**SMT**) zabezpečuje **vysokú kvalitu** a opakovateľnosť výrobného procesu, minimalizuje chyby ľudského faktora a umožňuje výrobu i vysoko náročných technických riešení.

SMT automaty Samsung SM320 a SM421 ponúkajú:

- vysokú produktivitu (16 000 CPH + 21 000 CPH),
- vysokú flexibilitu (komponenty od 0201 do 55x55 mm, resp. konektory až do dĺžky 72 mm)
- vysokú osádzaciu presnosť až 30 microns pri 3 sigma pre QFP a IC komponenty s jemnou roztečou.



Robust Vision Algorithm

**SOLDERING**

Lasting reliability of our electronic units is ensured through utilization of the most up to date solder wave technology covered by nitrogen atmosphere by **KIRSTEN**.

**PÁJANIE**

Dlhodobá prevádzková spoľahlivosť vyrábaných elektronických častí svietidiel SEC je zaručená použitím jednej z najmodernejších technológií spájkovania dutou cínovou vlnou v dusíkovej ochrannej atmosfére od firmy **KIRSTEN**.



**RoHS**  
COMPLIANT  
2002/95/EC

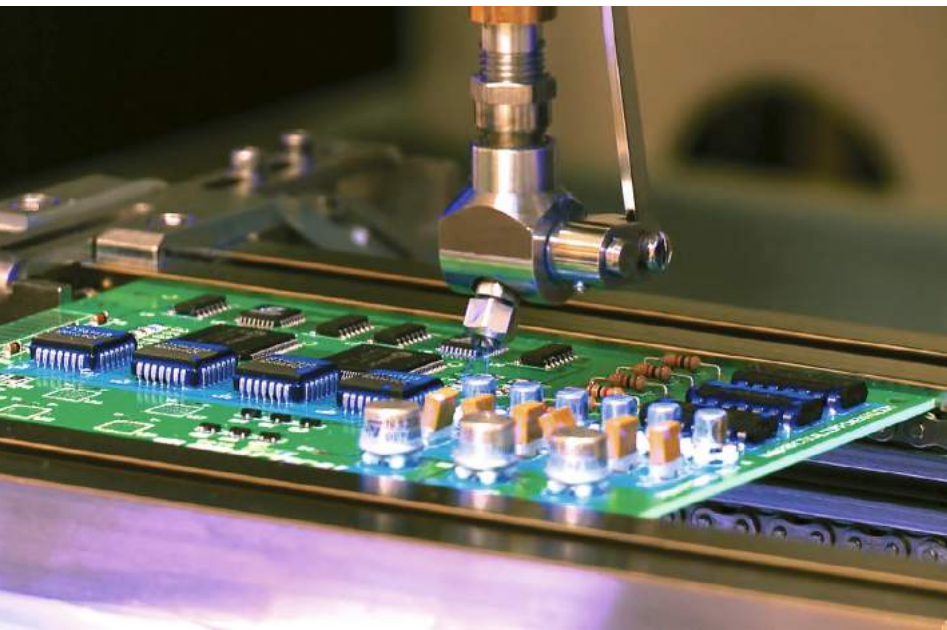


### PCB COATING LINE

The coating machine Asymtek SL-940 E is an absolute market leader and number one on the market in the field of selective coating of PCB. The device is equipped with both a patented filmcoat applicator for surface coating application with a very exact definition of the application edge and a precise jet applicator for the fine spot application on the areas with high selectivity. For the productivity increase and the possibility of further handling with the coated PCB the device is supplied with the curing oven Asymtek TC-2400 V4 which combines the infra-red heating with the convection evacuation of solvent vapours. Both devices are equipped with the air flow monitoring which prevents the formation of explosive environment and so they ensure a safe operation.

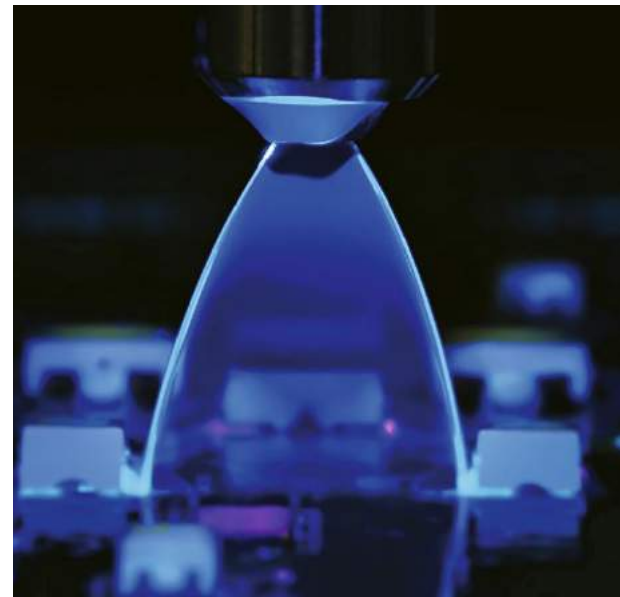
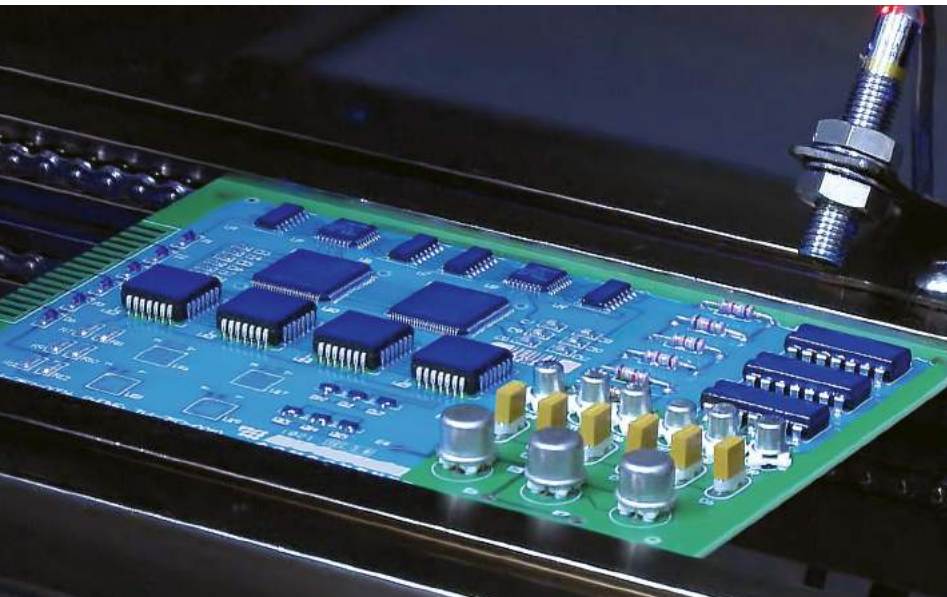
### LAKOVACIA LINKA DPS

Lakovacie zariadenie Asymtek SL-940 E je absolútnou špičkou a jednotkou na trhu v oblasti selektívneho lakovania DPS. Zariadenie je vybavené patentovaným filmcoat aplikátorom pre plošné nanášanie laku s veľmi presnou definíciou okraja nástreku a precíznym jet aplikátorom pre jemné bodové nanášanie na miestach s vysokou selektivitou. Pre zvýšenie produktivity a okamžitú možnosť ďalšej manipulácie s lakovanými DPS je zariadenie doplnené o vytvrdzovaciu pec Asymtek TC-2400 V4, ktorá kombinuje infračervený ohrev s konvekčnou evakuáciou pár rozpúšťadiel. Obe zariadenia sú vybavené monitorovaním prietoku vzduchu, čím zabraňujú vzniku výbušného prostredia a tak zabezpečujú bezpečnú prevádzku.



Surface Coating FilmCoat Applicator Detail

Detail "FilmCoat" aplikátora pre plošné nanášanie laku







#### CNC LASER & PUNCHING

High level of flexibility in the field of **METAL PLATE PROCESSING** has been reached by using one of the most modern **CNC technology by TRUMPF**. SEC uses the fleet of CNC laser & punching machines which allow us to reach high level of accuracy, speed and flexibility. The working area is 2500x1250mm, max sheet thickness 8mm and max punching force 220kN. The max punching speed (E=1mm) 1400/min. Thanks to this we are also able to produce all metal parts according to customers individual requirements.

#### CNC DIEROVANIE

Vysoká flexibilita výroby kovových dielov a tým i finálnych výrobkov je zaručená použitím jednej z najmodernejších CNC technológií na spracovanie plechu od firmy TRUMPF.

Firma SEC využíva celú flotilu CNC laserových a vysekávacích strojov dosahujúcich vysokú presnosť, rýchlosť a flexibilitu výroby. Max rozmer pracovnej plochy je 2500x1250mm, materiál do hrúbky max 8mm a max raziaca sila do 220kN. Max rýchlosť razenia je až 1400/min (E=1mm).

To všetko dáva predpoklad pre výrobu dielov, ale aj kompletných svietidiel aj podľa individuálnych požiadaviek našich zákazníkov.





### CNC BENDING

All quality, flexibility and productivity are the most important features we need on a daily base to be able to manufacture all standard products but also the customised ones based on your requirements. SEC uses TRUMPF bending machines fleet which allows us to comply with this goals. The max bending length is 2500mm and max press force 800kN. Thanks to this we are also able to produce all metal parts also according to customers individual requirements.

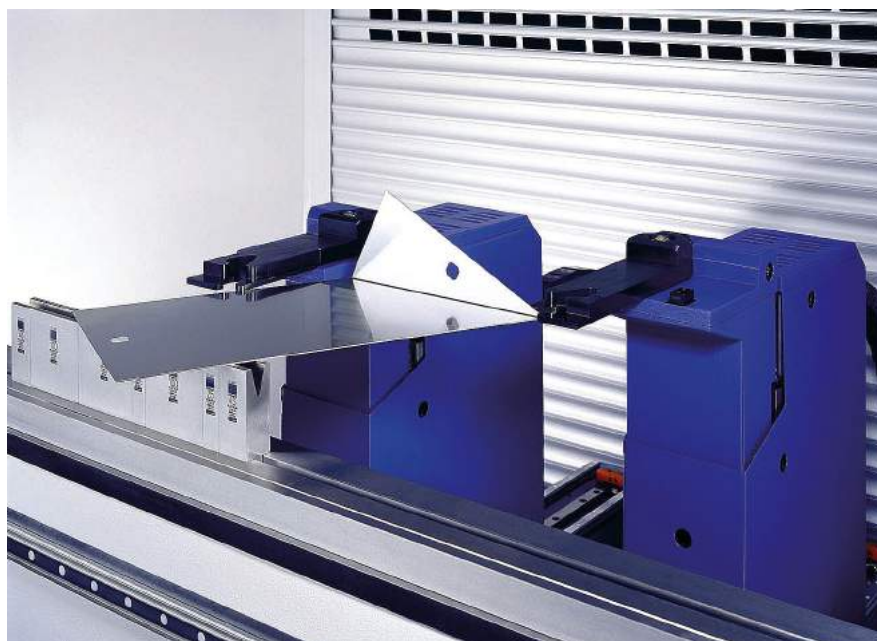


### CNC OHÝBANIE

Kvalita, flexibilita a produktivita sú požiadavky, s ktorými musíme denne počítať pri výrobe našich štandardných výrobkov, ale aj tých individuálnych od zákazníkov.

Vďaka flotile CNC ohýbacia strojov TRUMPF vieme tieto požiadavky splniť včas a vysokej kvalite. Max ohýbacia dĺžka je 2500mm s max silou 800kN.

To všetko dáva predpoklad pre výrobu dielov, ale aj kompletných svetidiel aj podľa individuálnych požiadaviek našich zákazníkov.



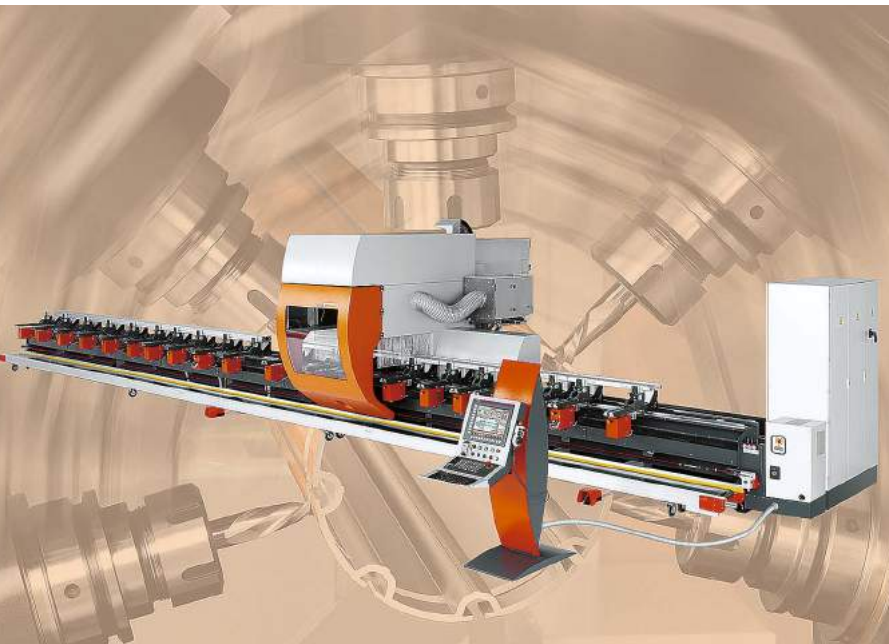
All CNC TRUMPF machines are connected via SEC intranet to both ERP ORACLE and PDM datamanagement Smarteam. It ensures both high level of flexibility of production and reduces the human error to minimum.

Thanks to this all machines always receive right CNC data based on validated drawings which keeps the production flow smoothly running during the shift.

Všetky CNC stroje TRUMPF sú cez SEC intranet priamo napojené na ERP PRACLE a PDM datamanagement Smarteam softvér, čo zaručuje súčasne vysokú úroveň flexibility výroby a redukuje možnosť ľudskej chyby operátora na minimum.

Vďaka tomu všetky stroje dostávajú v reálnom čase tie správne CNC dáta podľa aktuálne platných výkresov výrobkov, čo zaručuje plynulý chod výroby.

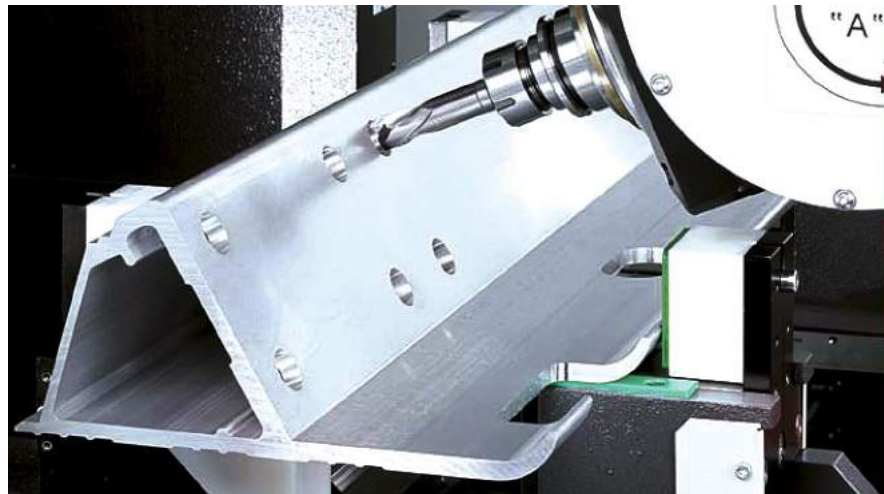


**EXTRUDED ALUMINUM PROFILES MACHINING**

the drilling, routing, tapping, cutting and notching of aluminum profiles (up to the length 15m, 500x500mm in section) is ensured by CNC profile machining centre. Thanks to this we are able to offer you customised aluminum profiles processing with both highest accuracy level and highest quality.

**CNC OBRÁBANIE AL PROFILOV**

vrtanie, frézovanie a pílenie hliníkových profilov do dĺžky max.15m a do prierezu max.600x600mm pomocou CNC obrábacieho centra. Vďaka tomu je firma SEC schopná Vám poskytnúť riešenia svetidiel alebo samotných hliníkových profilov na mieru v najvyššej presnosti a kvalite.

**MULTI-TASKING TURNING CENTER**

The integration of machining center and turning center gives us unmatched flexibility in a wide variety of parts configurations. From simple turning and milling, to complex multi-axis simultaneous machining, all operations can be completed in one machine. Off-center machining with the Y-axis and milling of angled surfaces with the B-axis greatly increases the range of our applications.

**CNC OBRÁBACIE CENTRUM**

integrácia obrábacieho a frézovacieho centra nám dáva doteraz nedosiahnuteľnú flexibilitu vo vlastnej výrobe širokého sortimentu dielov pre svetidlá SEC. Od jednoduchého vrtania až po komplexné viacosové simultánne obrábanie, všetky takéto operácie zvláda jeden stroj. Navyše ďalšia frézovacia Y-osá hlava pre obrábanie uhlových plôch s B-osou výrazne zvyšuje možnosti technológie a rozsah našich aplikácií.





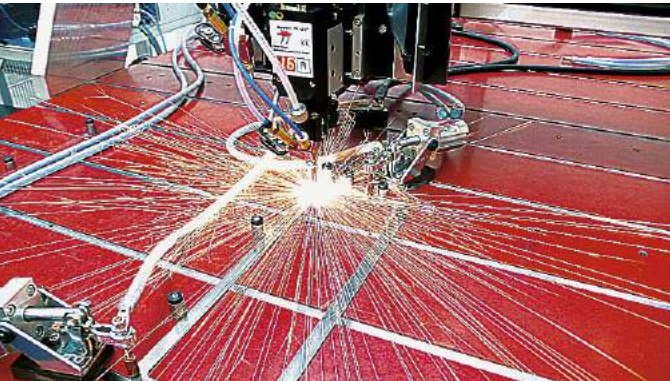
**GALATEK**

# Stud Welding & PowderPainting

SEC Lighting

**SOYER KT-1550**  
presents highest quality of  
**CNC capacitor discharge STUD WELDING.**  
It ensures us the long term perfect joints.

**SOYER KT-1550**  
predstavuje najvyššiu kvalitu v **CNC bodovaní skrutiek,**  
čo zaručuje perfektnú dlhodobú kvalitu spojov.



## PRÁŠKOVÉ LAKOVACIE LINKY

Dokonalá predúprava kovových dielov automatickej odmasťovacej linky v súčinnosti s modernou technológiou elektrostatického nanášania farby dáva záruku vysokej kvality a variability farebných odtieňov povrchovej úpravy dielov SEC svietidiel.

## POWDER PAINTING

All, **perfect pre-finishing** of metal parts in automatic degreasing line together with modern technology with controlled **Powder painting guarantees the high quality** and colour tones variability of metal parts coatings.





Printing for Professionals

### UV FLATBED PRINTER OCÉ ARIZONA 350XT

thanks to this unique hi-tech UV printer SEC is able to manufacture the whole assortment of its own pictograms (legends) based on both solid materials (as acryl or PC up to max thickness 50mm) or self-adhesive labels in highest quality level 1200dpi in max size 3x2m. It allows us to be flexible in production of emergency lighting legends and even for customised solutions especially illuminated informational or advertisement panels. When the whole sheet of acryl is finished with the legend printing it is cut into the pieces by laser technology SEI.

### UV FLATBED TLAČIAREŇ OCÉ ARIZONA 350XT

Firma SEC je vďaka tejto jedinečnej tlačiarňi samostatná vo vlastnej výrobe piktogramov pre informačné, núdzové alebo reklamné svetidlá. Tlačiareň je schopná potlačiť všetky pevné (plexi, plech, drevo, sklo do max. hrúbky 50mm) a samolepiace materiály pri maximálnom rozmere 3x2m vo fotografickej kvalite 1200dpi. Tlačiareň má 10 tlačových hláv (CMYK+biela), Prednosťou technológie je, že farba je okamžite po nanosení na materiál vytvrdzovaná UV svetlom. Po natlačení celého formátu je tento následne rozrezaný laserom na technológii SEI na jednotlivé kusy, ktoré sú samotným dífúzorom svetidla vrátane grafického piktogramu na jeho povrchu.

### LASER MERCURY 609

for laser cutting of acrylic sheets with the highest accuracy level 0,05m and max speed 2m/s. Its power 350W is perfect to cut the acryl sheet 10mm thick in 3x2m size. The system includes both automatic loader/unloader and CCD camera which increases its productivity enormously. SEI laser works in tandem with OCÉ UV FlatBed printer.

### LASER MERCURY 609

používaný firmou SEC na rezanie PMMA dosiek na rovinné kryty svetiel s presnosťou 0,05mm a rýchlosťou až do 2m/s. Maximálna veľkosť PMMA dosky je 2x3m. S výkonom 350W si hravo poradí aj s materiálom hrúbky 10mm, ktorá je dostatočná pre všetky aplikácie SEC. Systém je vybavený automatickým nakladaním a vykladáním a CCD kamerou. V spolupráci so zariadením OCE Arizona sa tieto dve technológie podieľajú na 100% samostatnosti SEC vo výrobe rovinných plastových krytov svetiel vrátane závesných tabuliek a piktogramov pre núdzové, informačné a reklamné svetidlá.



## MultiCam



### 3 AXIS 3000 SERIES ROUTER

All steel powerhouse designed for large PC sheet format CNC Routing for SEC lighting fixtures diffusers. The 3000 Series moving gantry design machine capable of processing a unit of material that allows 152mm clearance.

- Rapid transverse of 45,7m/min
- High-speed feedrate of 25,4 m/min
- High speed 32.000 RPM, high power industrial standard spindles
- Control system with advanced industrial oriented features

The above given parameters rank the MultiCam 3000 Series Router best in its class of machinery.

### 3000 SERIES ROUTER 3-OSÍ

určený pre CNC rézovanie veľkoformátových PC polykarbonátových dosiek na svetelno-činné kryty svetiel SEC. Vďaka jeho designu je možné frézovať materiál až do hrúbky 152mm.

- rýchlosť posuvu až 45,7m/min
- rýchlosť obrábania až 25,4m/min
- 32000 ot/min, vysokovýkonné priemyselné vretená
- riadiaci systém s rozšírenými priemyselne orientovanými parametrami.

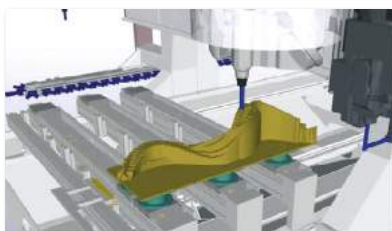
### 5-AXIS ACCORD FX-M 30

machining centre for highly flexible production requiring superior precision and finish quality regardless of component shape.

Optimal solution for 5-axis CNC machining of plastic and light alloys also with nesting technology. Working area 3650x1600mm.

### ACCORD FX-M 30

5-osé CNC obrábacie centrum je určené pre precízne a vysokoflexibilné obrábanie plastových a hliníkových dielov až do rozmeru 3650x1600mm.





### ORACLE ERP

thanks to the complex ERP system SEC is capable to guarantee the production and delivery of your order on time and both in the right quantity and quality.

### ORACLE EPR

Firma SEC je vďaka komplexnému ERP systému dosiahnuť, že objednané produkty vám vyrobíme a dodáme načas, v správnom množstve a kvalite.

**Master Production Schedule (MPS)**

**Item Master Data (Technical Data)**

**Bill of Materials (BOM)**

**Production Resources Data**

**(Manufacturing Technical Data)**

**Inventories and Orders (Inventory Control)**

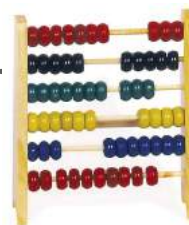
**Purchasing Management**

**Material Requirement Planning (SFC)**

**Capacity Requirement Planning (CRP)**

**Standard Costing (Cost Control)**

**Cost Reporting / Management (Cost Control)**



### 100% TESTING & LOGISTICS

Perfect built-up logistics and information systems ensure that each component is on the right place in the right time and each product is delivered to you in time in the highest quality standard.

Each lighting fixture, before you get it, is being **100% TESTED FOR 48 HOURS**.

Within this period all technical parameters are measured in accordance with their technical specification.



### TESTOVANIE A LOGISTIKA

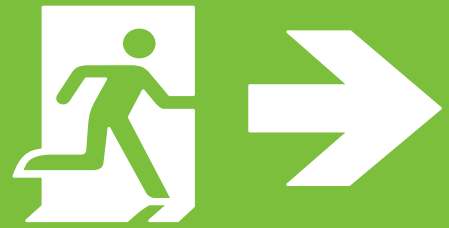
Dokonale vybudovaný informačný a logistický systém

je zárukou, že každý jeden komponent je včas na správnom meste a každý jeden finálny výrobok je včas a v najvyššej kvalite doručený zákazníčkovi.

Na konci výrobného procesu sa sami uistujeme **100% testom každého svetidla o vysokej kvalite finálneho produktu** skôr ako odchádza k Vám.

Každé svetidlo je zahorované **48 hodín**, počas ktorých sú zmerané parametre v súlade s technickými podmienkami výrobu.

Product  
**Assortment**



# EMERGENCY LIGHTING

# NÚDZOVÉ SVIETIDLÁ

**PREMIUM** Line (Page No: 48-151)  
ANTIPANIC  
ESCAPE ROUTE  
ESCAPE SIGN

**PREMIUM** Line (Page No: 152-169)  
ANTIPANIC **HIGH** Ceiling  
ESCAPE ROUTE **HIGH** Ceiling

**PREMIUM** Line (Page No: 170-181)  
**CINEMA** Applications (no Autotest)






















































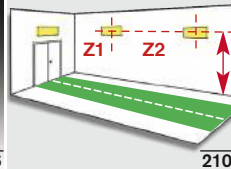
**STANDARD** Line (Page No: 182-209)



# EMERGENCY LIGHTING



183

 <p>34</p>	 <p>44</p>	 <p>52</p>	 <p>52</p>	 <p>52</p>	 <p>52</p>
 <p>68</p>	 <p>68</p>	 <p>68</p>	 <p>74</p>	 <p>78</p>	 <p>78</p>
 <p>78</p>	 <p>84</p>	 <p>92</p>	 <p>92</p>	 <p>92</p>	 <p>98</p>
 <p>98</p>	 <p>98</p>	 <p>102</p>	 <p>102</p>	 <p>106</p>	 <p>115</p>
 <p>120</p>	 <p>120</p>	 <p>120</p>	 <p>120</p>	 <p>120</p>	 <p>124</p>
 <p>130</p>	 <p>130</p>	 <p>128</p>	 <p>128</p>	 <p>128</p>	 <p>132</p>
 <p>144</p>	 <p>140</p>	 <p>146</p>	 <p>150</p>	 <p>154</p>	 <p>157</p>
 <p>160</p>	 <p>162</p>	 <p>162</p>	 <p>166</p>	 <p>184</p>	 <p>184</p>
 <p>186</p>	 <p>192</p>	 <p>200</p>	 <p>204</p>	 <p>206</p>	 <p>210</p>

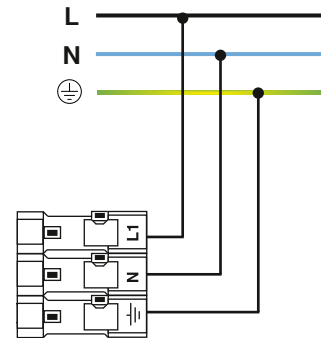


# EMERGENCY LIGHTING

## -NM -NM AT versions:

**Non-maintained emergency lighting fixtures (NM)** are in operation only when the power supply is broken.  
All AT versions can be connected also as M (read below).

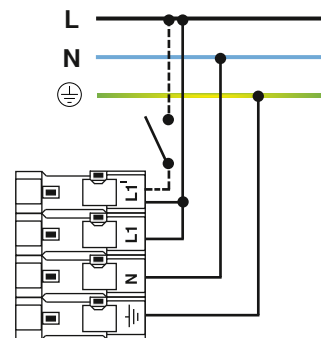
Svietidlo pre **netrválne núdzové osvetlenie (NM)** je v prevádzke iba pri prerušenej dodávke elektrickej energie (núdzový režim).  
Všetky AT verzie svietidiel môžu byť pripojené aj ako M verzie (viď obr.nižšie).



## -M -NM/M AT versions:

**Maintained emergency lighting fixtures (NM/M)** include the function of non-maintained and permanent lighting.  
If you connect it through the external switch, you can control its functionality (ON/OFF state) during permanent mode. The emergency mode is not influenced by the position of switch before main 230V AC failure. Or by the bridge between L1 and L1' you make it lighting non-stop. In case of emergency it operates during declared duration.

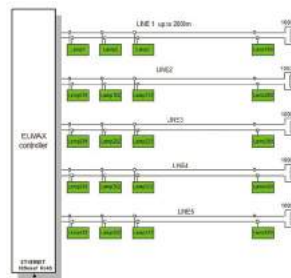
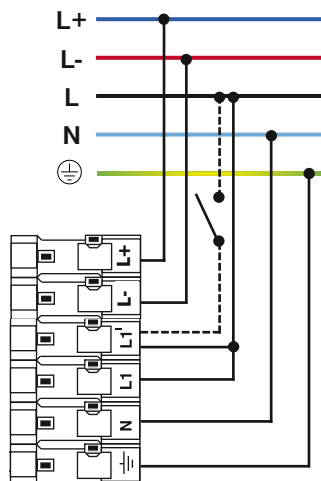
Svietidlo pre **trvalé núdzové osvetlenie (NM/M)** pracuje v dvoch režimoch. Prevádzkový režim je pri neperušenom napájanom napätí, kedy je možné ho ovládať vypínačom a používať ho na bežné osvetlenie (pre pripojenie svietidla na trvalé núdzové osvetlenie je potrebné priviesť dve fázy: prerušovanú cez vypínač na ovládanie svietidla a neperušovanú pre zabezpečenie stáleho pripojenia svietidla k sieti) alebo prepojením L1 a L1' svietidlo bude trvalo svietiť bez možnosti ovládania.  
Druhý režim je pri prerušenej dodávke elektrickej energie a svietidlo automaticky prechádza do núdzového režimu.  
Každé svietidlo v M verzii sa dá pripojiť aj ako NM verzia (viď vyššie).



## -ATXL versions:

All ATXL fixtures are designed for **CENTRALTEST ELMAX LOOK System** (For further details please look up Pages No.36).  
The status of ATXL fixture status is regularly checked by CENTRALTEST ELMAX-Look Mini device. The communication is ensured by bi-wire line (L+,L-). All **ATXL emergency lighting fixtures** include all the function of NM / M / AT versions (look up also page No.132).

Svietidlo ATXL je určené pre pripojenie k **CENTRALTEST ELMAX-LOOK** Mini systému (viď str.36), ktorý pravidelne kontroluje stav všetkých svietidiel pripojených komunikačnou dvojlinkou L+, L-.  
Svietidlo ATXL zahŕňa všetky funkcie svietidiel NM / M / AT (pozri str.36).



## EMERGENCY LIGHTING

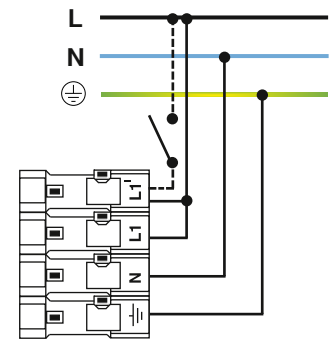
**-ATRF**  
versions:

All ATRF lighting fixtures are designed for wireless **CENTRALTEST ELMAX-ATRF WireLess System**

(For further details please look up Pages No. 38).

The status of ATRF fixture status is regularly checked by CENTRALTEST device. The communication is wireless. It takes place in the 868MHz band. All “-ATRF” emergency lighting fixtures include all the function of NM / M / AT versions (read also next page please)

Svietidlá “-ATRF” sú určené pre pripojenie k **bezdrôtovému CENTRALTEST ELMAX-ATRF WireLess** systému (viď str.38), ktorý pravidelne kontroluje stav všetkých svietidiel bezdrôtovo **v pásme 868MHz**. Svetidlo ATRF zahŕňa všetky funkcie svietidiel NM / M / AT (pozri tiež nasledujúcu stranu).

**-ATXP**  
**-ATXPR**  
versions:  
**(Addressable CBS)**

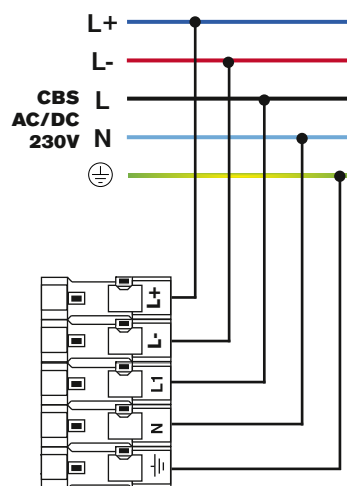
All ATXP/ATXPR lighting fixtures are designed for **addressable central battery system 230V AC/DC (CBS)**.

The communication with **ELMAX-PATROLUX** Centraltest device is ensured by bi-wire line (L+,L-). Each emergency lighting fixture -ATXP/-ATXPR is equipped with addressable communication module.

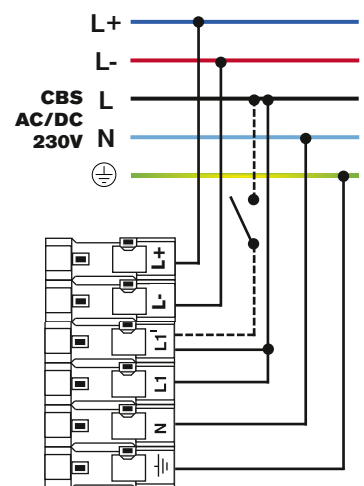
For further details please look up Page No.40

Všetky ATXP/ATXPR svietidlá sú určené pre **adresovateľný centrálny batériový systém (CBS) AC/DC 230V ELMAX-PATROLUX**, ktorý pravidelne kontroluje stav všetkých svietidiel pripojených komunikačnou dvojlinkou L+, L-. Svetidlá sú napájané z centrálného batériového systému. Pre viac informácií pozri str. 40.

ATXP version connection



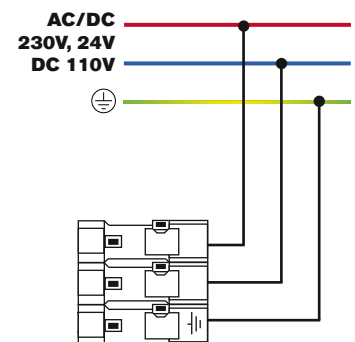
ATXPR version connection

**C.XXX**  
versions:  
**(CBS EPS)**

The emergency lighting fixtures for central power supply AC/DC 24V, DC 24V, DC 48V or DC110V are connected to special wires powered from central power supply, either DC or AC/DC circuit.

The emergency lighting for non-addressable central battery system AC/DC 230V are connected to the mains with no further requirements for additional wires. For further details please look up Page No.44.

Svietidlá pre centrálné napájané núdzové systémy (C) sa pripájajú na zvláštne rozvody AC/DC 24V, DC 12V, DC24V, DC 48V, DC110V. V tomto prípade sú prípojné svorky označené polaritou +/- . Svetidlá pre neadresovateľné centrálné batériové systémy AC/DC 230V sa pripájajú na bežné rozvody 230V/50Hz bez potreby privedenia ďalších vodičov. Pre viac informácií pozrite str.44.





# AUTOTEST



**AT**  
**ATXL**  
**ATRF**  
versions:

## Advantages of a self-contained AUTOTEST emergency luminaires

Similarly, like each other system or equipment, also emergency lights as the part of safety related system require regular checking of their status. In case of emergency lights without the test this activity has to be carried out by a worker responsible for safety related system, what requires spending certain effort and costs. This necessity may be omitted at using emergency lights of **SEC with the AUTOTEST**. Emergency electronic unit controlled by **RISC microcomputer** controls, monitors, analyses and optimises all the main activities and components of the emergency light. These are: optimal charging the battery, operation of the electronic ballast, proper performance of LED including stabilisation of the luminous flux during emergency mode.

**Regularly twice a week** it diagnoses the functionality of the battery, LEDs and electronic circuits by means of simulating a power failure for short time. Testing the status of components (especially battery's capacity) and light's functions is performed once per **4380 hours** and for the time period that equals to the declared autonomy of the light in case of a power failure. During the test the microcomputer compares measured values with the references saved in its memory. In case they do not equal, the communication system (combination of three colour LEDs) ensures signalling a pre-failure or failure status of the light. Thus a user is regularly informed on the status of each emergency light without any bigger effort and costs. To install emergency lights with AUTOTEST no further installation of cable distributions is required.

The superstructure of AUTOTEST function is formed by **CENTRALTEST systems ELMAX**, that is intended to give central information about failures in monitored group of fixtures (for further details look up pages No.34-43).

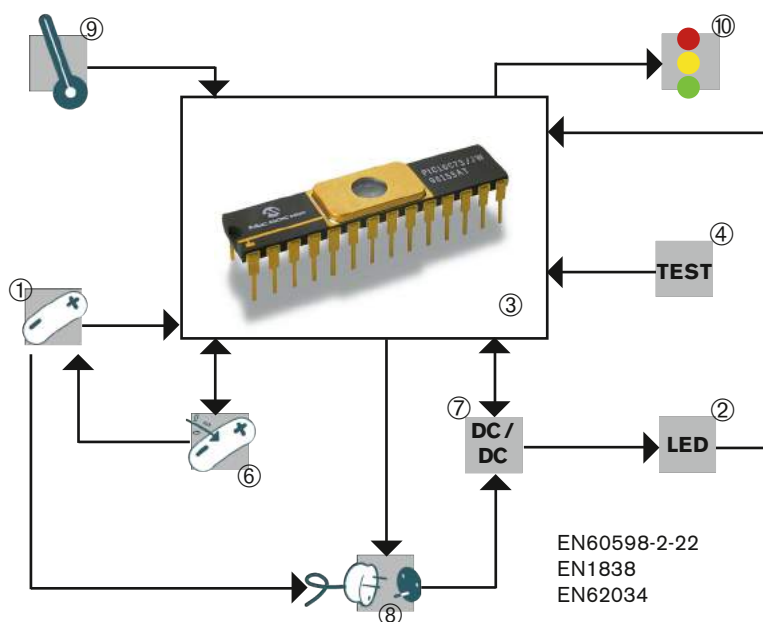
## Výhody samostatného núdzového svetidla s funkciou AUTOTEST

Ako každý iný systém alebo zariadenie, aj núdzové svetidlá ako súčasť bezpečnostného systému, vyžadujú pravidelnú kontrolu ich stavu. Táto činnosť musí byť pri núdzových svetidlách bez testu vykonávaná pracovníkom zodpovedným za bezpečnostný systém, čo vyžaduje vynaloženie určitej námahy a nákladov. Táto potreba odpadá pri použití núdzových svetidiel SEC s **AUTO-TEST**om.

Elektronická jednotka núdzového svetidla **riadená mikropočítačom s architektúrou RISC** s presnosťou počítača **riadi, monitoruje, analyzuje a optimalizuje** všetky hlavné činnosti a komponenty núdzového svetidla a to: **optimálne nabíjanie akumulátora, činnosť elektronického predradníka, funkčnosť a stabilizáciu svetelného toku LED**. Pravidelne **2-krát/týždeň** diagnostikuje funkčnosť akumulátora, LED a elektronických obvodov krátkou simuláciou výpadku elektrickej energie (**krátky test**). Test stavu komponentov (najmä kapacity akumulátora) a funkcií svetidla je uskutočňovaný raz za cca. **4380 hodín (2-krát/rok)** a to v časovom úseku, ktorý sa rovná deklarovanej autonómnosti svetidla pri výpadku elektrickej energie. Počas testu sú mikropočítačom porovnávané namerané hodnoty voči referenčným, ktoré sú uložené v jeho pamäti (**komplexný test**).

V prípade, že sa nerovnjú, monitor stavu (kombinácia troch farebných LED) zabezpečí signalizáciu predporuchového alebo poruchového stavu svetidla. Užívateľ je takto bez väčšej námahy a nákladov pravidelne informovaný o stave každého núdzového svetidla. Pre inštaláciu núdzových svetidiel s AUTO-TESTom nie je potrebná žiadna ďalšia inštalácia káblových rozvodov.

Nadstavbu funkcie AUTO-TEST tvorí **CENTRALTEST** pre centrálnu informáciu o poruche v sledovanej skupine svetidiel (systémy ELMAX pozri str. 34-43).



- ①- Battery
- ②- LED
- ③- Microcomputer
- ④- TEST button
- ⑥- Charging circuits
- ⑦- DC/DC
- ⑧- Battery disconnect
- ⑨- Temperature sensor
- ⑩- Status monitor 3x LED

- ①- akumulátor
- ②- LED
- ③- mikropočítač
- ④- TEST tlačítko
- ⑥- nabíjacie obvody
- ⑦- DC/DC menič
- ⑧- odpojovač akumulátora
- ⑨- snímač teploty
- ⑩- monitor stavu

EN60598-2-22  
EN1838  
EN62034

<b>OK STATUS:</b> NORMÁLNY STAV- OK:	
<b>INSTALLATION MODE *:</b> *valid only for PREMIUM LINE fixtures SVIETIDLO V INŠTALAČNOM MÓDE *: *platí len pre svietidlá PREMIUM LINE	
<b>LIGHT SOURCE FAILURE:</b> PORUCHA SVETELNÉHO ZDROJA:	
<b>LOW CAPACITY BATTERY FAILURE:</b> NÍZKA KAPACITA AKUMULÁTORA:	
<b>AUTOTEST IN PROGRESS:</b> SVIETIDLO V AUTOTESTE:	
<b>SLEEP MODE *:</b> *valid only for PREMIUM LINE fixtures SLEEP MODE *: *platí len pre svietidlá PREMIUM LINE	

## STATUS MONITOR Description

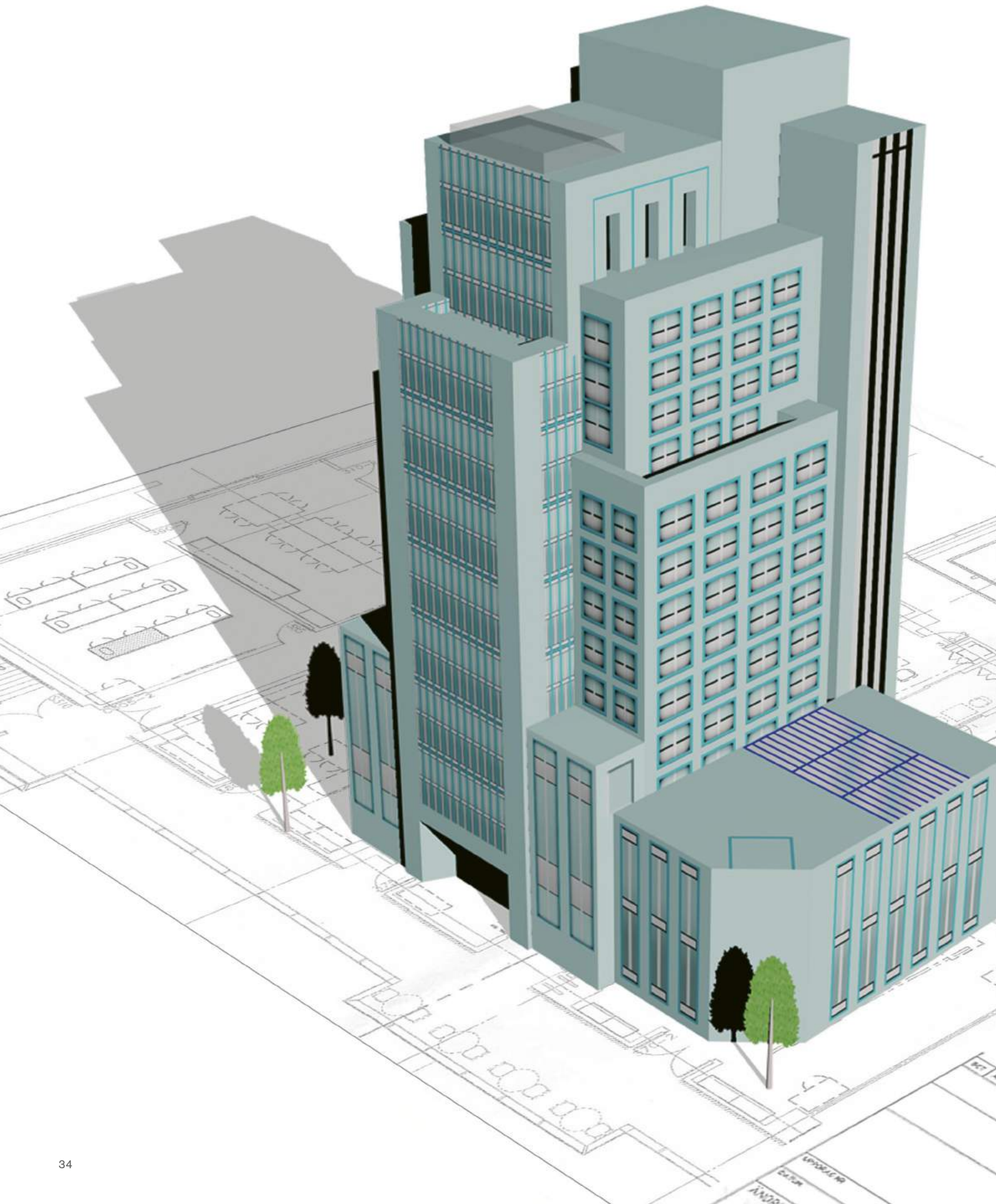
All key informations describing the emergency lighting fixture status are displayed on STATUS MONITOR. It consists of three colour LEDs (green, yellow, red). Thanks to the ON/OFF combination of the colour LEDs is the end user regularly informed about the emergency lighting fixture failures. It saves you additional costs and time necessary for regular emergency lighting system checking.

## Popis monitoru stavu

Všetke dôležité informácie spracované mikroprocesorom sú signalizované na monitore stavu. Monitor stavu pozostáva z 3 farebných LED umiestnených na núdzovom svietidle. Kombináciou týchto 3 farieb je užívateľ informovaný o všetkých predporuchoch alebo poruchoch stavoch svietidla. Vďaka tomu je užívateľ takto bez väčšej námahy a nákladov s tým spojených, pravidelne informovaný o stave každého núdzového svietidla.



# CENTRALTEST



In case of large projects containing higher number of emergency lighting fixtures there is a possibility to check and control all of them from one point based on **ELMAX Centraltest device**. The ELMAX Centraltest checks, collects and control **all key data** from all connected individual emergency lighting fixtures. Each fixture has its own **address** so it is much easier to maintain and service the whole emergency lighting system. There is even the possibility to connect ELMAX Centraltest **to internet** (it has its own IP address) and thanks to this it is easy to gain all the important information in real time online from any place in the world.

Ak riešite projekt, kde je požadovaný **CENTRALTEST núdzový systém**, tak môžete s výhodou použiť **ELMAX Centraltest**, ktorý zbiera a riadi všetky individuálne **adresovateľné núdzové svietidlá** v budove z jedného centrálného bodu. ELMAX má svoju IP adresu, ktorá umožňuje jeho pripojenie **do siete internet** a tým diagnostiku núdzového systému online z ktoréhokolvek miesta na zemi.



**1 ELMAX-LOOK-Mini ATXL**

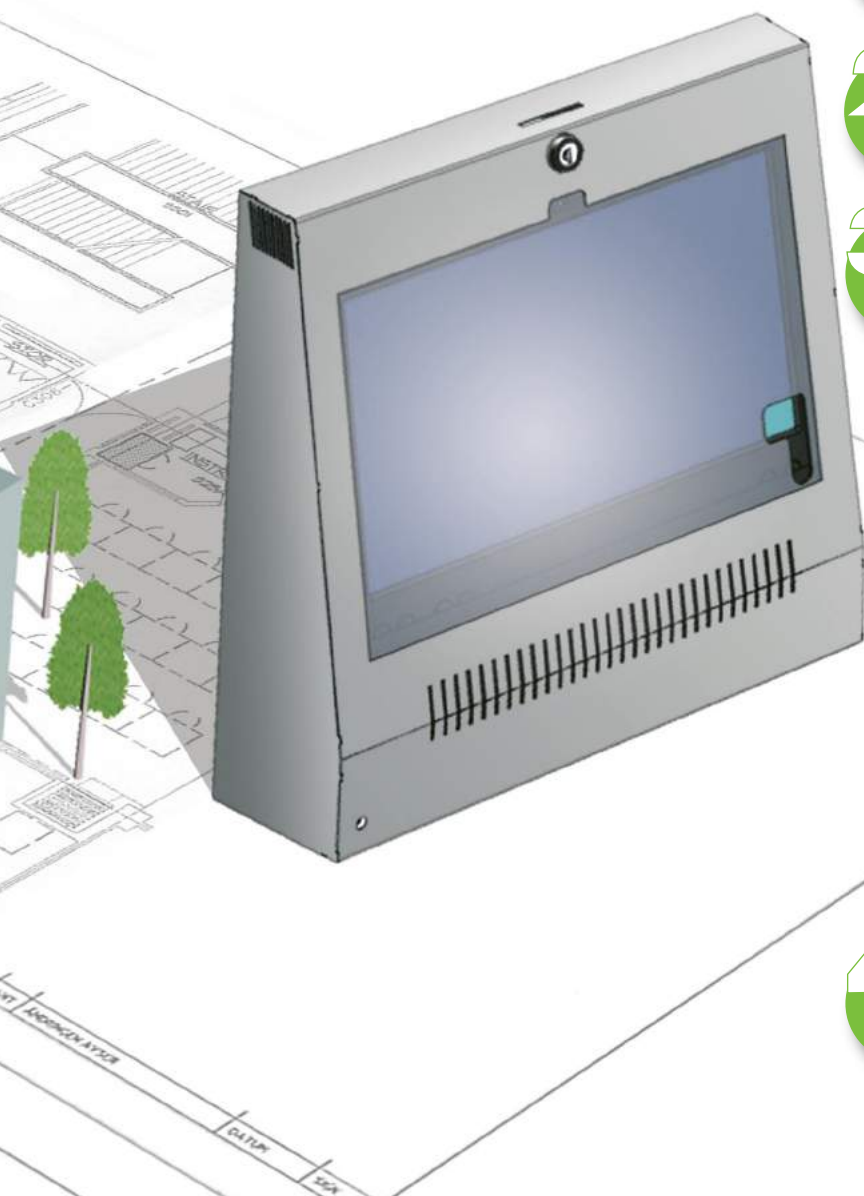
- Wire based communication
- komunikácia po dvojlinke

**2 ELMAX-WireLess-Mini ATRF**

- Wireless communication
- bezdrôtová komunikácia

**3 ELMAX-Patrolux-Mini ATRP**

- Addressable CBSwite CENTRALTEST
- Adresovateľná CBS s CENTRALTESTom



Advanced Line View - 1

Addr	Name	Life	Blank	ACCU	Current	L/S	PS	NT	AM	IS	Setup	LastT
7A0010	Lamp 10	-	-	-	-	-	-	-	-	-	-	100
7A0012	Lamp 2	100%	91	4.68	110	0	0	0	0	0	0	0
7A0013	Show Lamp Position on Schematic	-	-	200	-	-	-	-	-	-	-	0
7A0014	Test on Selected Lamps	100%	-	-	-	-	-	-	-	-	-	0
7D0038	Long Test on Selected Lamps	-	-	-	-	-	-	-	-	-	-	100

ELMAX Control Center (2.01)

Line	Total	OK	Warning	Failure	Disconnected	Unknown
Line - 1	5	2	1	1	0	0
Line - 2	1	1	0	0	0	0
Line - 3	1	1	0	0	0	0
Line - 4	1	1	0	0	0	0
Line - 5	3	2	0	0	1	0

Processing Line: 4  
 Processing Lamp: COM 4  
 Clin Plot: COM 4  
 External Alarm Input State: Positive  
 Alarm Send Info: Not Sending

Last Shot Test: 2/27/2009 9:22:33 PM  
 Last Long Test: 4/6/2010 3:08:06 AM  
 Planned Long Test: 4/7/2010 3:00:00 AM  
 Mail Introduction: Disconnected  
 Alarm Siren: Locked  
 User Introduction: User Name

**4 Central Battery System (CBS)**

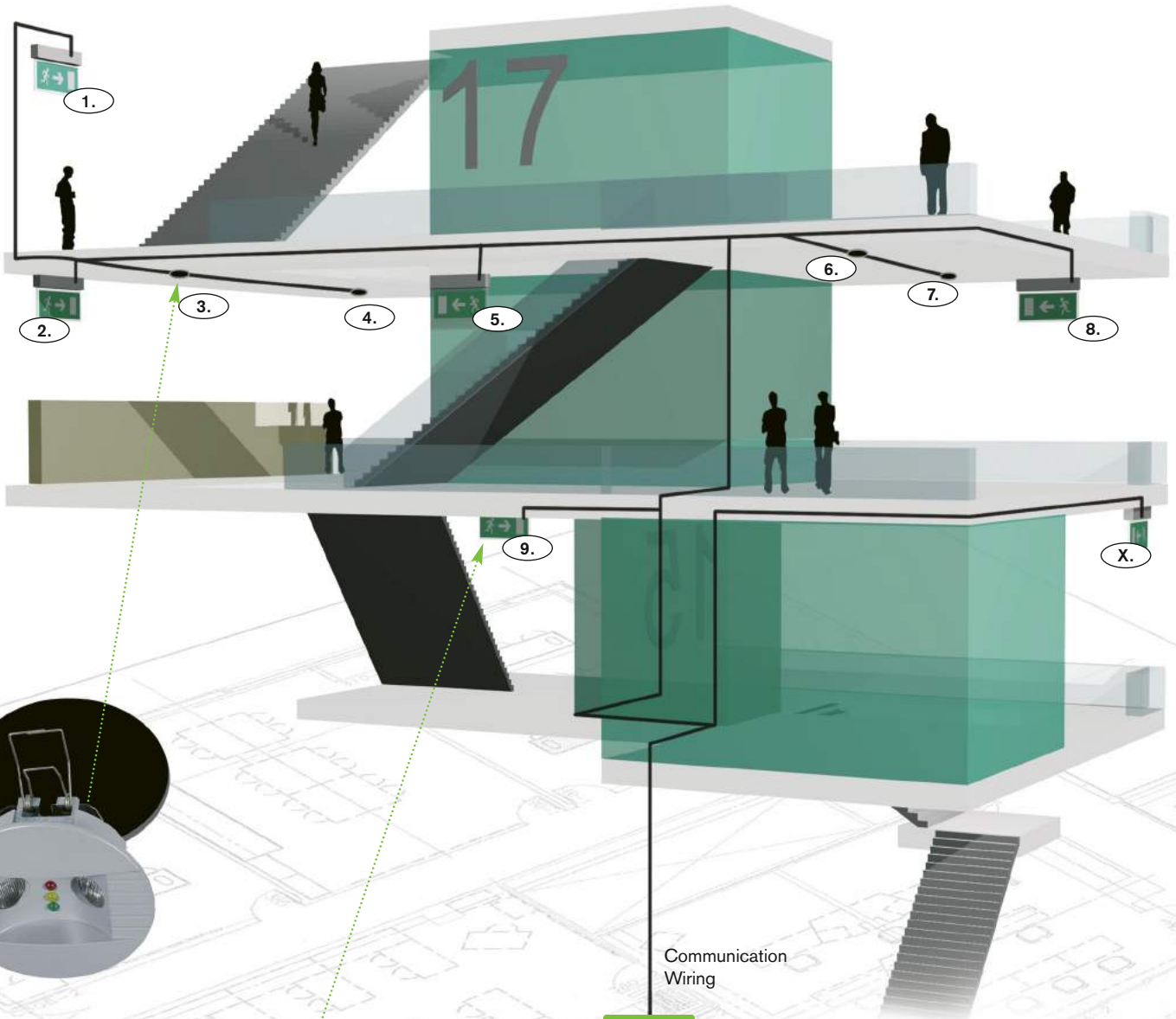
- Non-Addressable
- okruhový centrálny batériový systém





# ELMAX-LOOK Mini CENTRALTEST

- Wire based Communication
- komunikácia po dvojlinke



„ATXL“ lighting fixtures

max. 5x 100 fixtures

ADDRESS KNOWN



Communication Wiring

max. 2000m Long

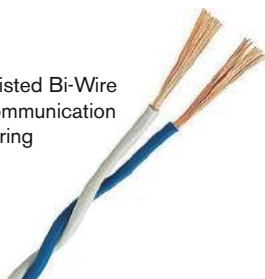
Twisted Bi-Wire Line

Internet WEB Control



ELMAX-Look Mini Centraltest  
Order Code: 164-B-19

Twisted Bi-Wire Communication Wiring



## ELMAX-Look MINI

It is low cost solution CENTRALTEST device suitable especially for smaller projects. There is no display in this version, so it must be connected to INTERNET (Ethernet) to be able to operate it through standard web browser on remote PC.

### Common features:

- The DIN rail mounting box, dimensions: 150 x 100 x 70mm
- Powered from AC 80..250V
- Built-in LINUX based operating system, with no additional licence fees
- ARMV6 processor unit
- Ethernet 10/100 standard RJ45 connector and DHCP client
- 2x USB type A input for additional devices: USB stick, dongles
- Optional WiFi 802.11 dongle available
- Optional 3G / 4G GSM dongle available
- Built-in WEB server as common GUI interface, in other words user can visit and control system over the INTERNET/Ethernet using standard WEB browser such as FireFox, IE, Opera, Chrome on a PC, tablet, Smartphone
- Email client for sending Email ALARMS or Notifications for service company or facility manager
- FTP client for collecting all information to two independent FTP servers
- 3x potential-free input for Fire Alarm, switching the Night Shining on and switching the Power Saving on.
- 1x output contact for messaging the Failure of fixtures or other malfunctions.
- Dedicated for fixtures series shown further in the catalogue as "-ATXL"
- 5x industrial RS485 line terminals, 1 line supports up to 100 fixtures
- Communication line length up to 2000m

## ELMAX-Look MINI

Jedná sa o cenovo úsporný CENTRALTEST riadiaci panel, ktorý je určený pre monitoring núdzových svietidiel najmä v menších objektoch. Riadiaca jednotka nemá displej, takže je nutné pripojenie na INTERNET (Ethernet).

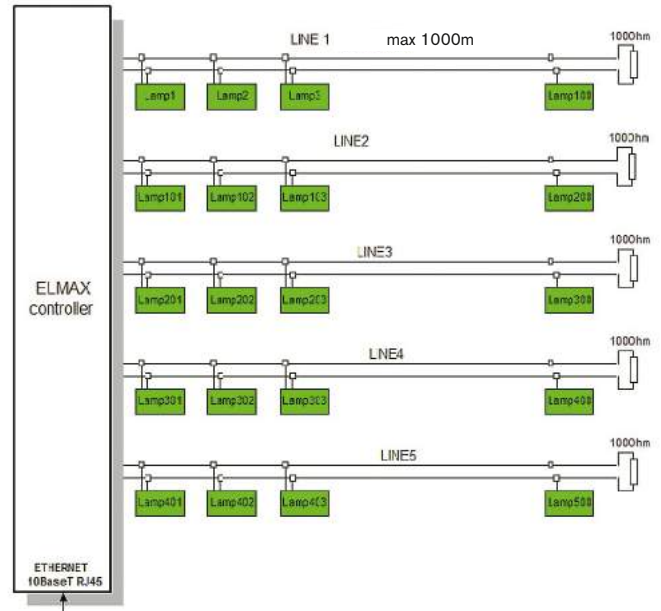
### Technická špecifikácia:

- Skrinka určená pre montáž na DIN lištu, rozmery: 150 x 100 x 70mm
- Napájanie AC 80..250V
- Zabudovaný operačný systém LINUX, nevyžadujú sa ďalšie licenčné poplatky
- ARMV6 procesor
- Ethernet 10/100 RJ45 konektor a DHCP klient
- 2x USB-A vstup pre pripojenie ďalších USB zariadení ako napr.:
  - príplatkový WiFi 802.11 USB modul
  - príplatkový 3G / 4G GSM USB modul
- Zabudovaný WEB server ako hlavné grafické rozhranie. Užívateľ môže jednoducho komunikovať cez INTERNET/Ethernet prostredníctvom prehliadača IE, CHROME, FireFox. Môže použiť PC, tablet, smart telefón
- Email klient pre odosielanie Email Alarmov / stav systému
- FTP klient pre odosielanie nazbieraných údajov zo systému
- 3x bezpotenciálny vstup pre požiarne alarm, zapnúť nočné svietenie alebo zapnúť úsporný režim.
- 1x výstupný kontakt ako spoločné hlásenie o chybe systému
- Určený pre svietidlá označené ďalej v katalógu ako "-ATXL"
- 5x RS485 vstupy, línia podporuje max. 100ks svietidiel
- Maximálna dĺžka línie do 2000m

TEST REPORT

Addr	Name	Life	Status	ATXL	Current	LS	RS	NT	AM	TS	Setup	LastT
7A0010	Lamp 10	-	-	-	-	-	-	-	-	-	-	100
7A0012	Lamp 12	-	-	-	-	-	-	-	-	-	-	0
7A0018	Other Lamp (Broken on Schedule)	200	-	-	0	-	-	-	-	-	-	0
7A0014	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0
7A0016	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0
7A0018	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0
7A0018	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0
7A0018	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0
7A0018	Other Lamp (Off)	200	-	-	0	-	-	-	-	-	-	0

Line	Total	OK	Warning	Failure	Offline	Unknown	Other
Line - 1	5	2	1	1	1	0	0
Line - 2	1	1	0	0	0	0	0
Line - 3	1	1	0	0	0	0	0
Line - 4	1	1	0	0	0	0	0
Line - 5	3	2	0	0	0	1	0



ELMAX-Look Mini Centraltest  
Order Code: 164-B-19

### ELMAX BENEFITS:

- **NO CENTRAL BATTERY = HIGHER SAFETY**  
(each lighting fixture in the system has its own battery and there is no risk that defect of one battery influences the whole system like in CBS case)
- **NO FIRE RESISTANT WIRING NEEDED = LOWER INVESTMENTS COSTS**  
(the project needs only 2 signal wires for communication, in case of emergency each lighting fixture is powered by its own battery)

### VÝHODY V POROVNANÍ S CENTRÁLNOU BATÉRIOU:

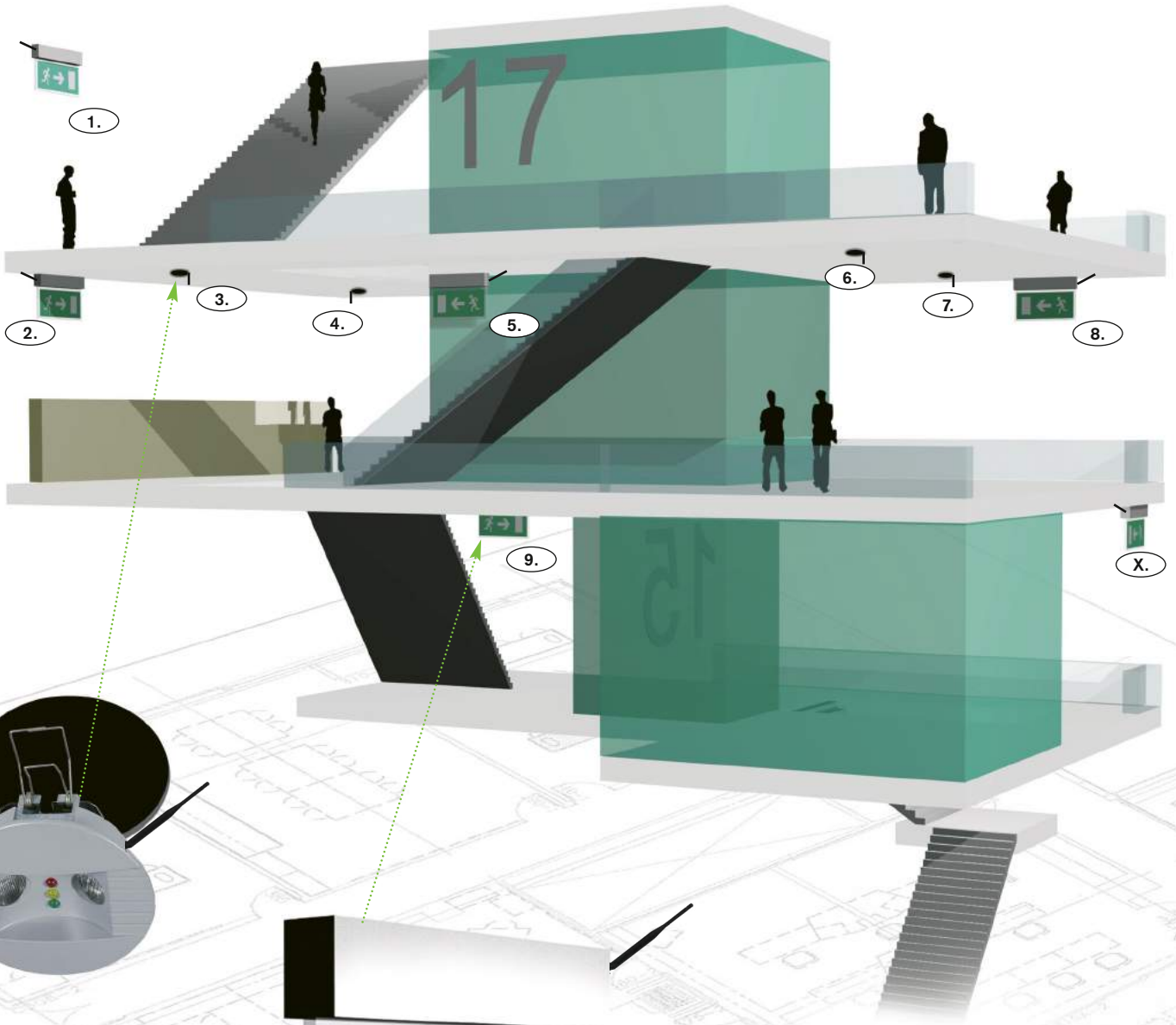
- **VYŠŠIA BEZPEČNOSŤ**  
(každé svietidlo má svoju vlastnú batériu, pri zlyhaní jedného nie je ohrozená funkčnosť celého systému ako pri centrálnej batérovej verzii)
- **NIE SÚ POTREBNÉ NEHORĽAVÉ VODIČE**  
(pre napájanie svietidiel nie sú potrebné drahé nehorľavé vodiče, pretože svietidlo je napájané svojou vlastnou batériou v prípade výpadku elektrickej energie)
- **NIŽŠIE INVESTIČNÉ NÁKLADY A VYŠŠIA MIERA BEZPEČNOSTI NÚDZOVÉHO SYSTÉMU**



# 2

## ELMAX-WireLess-Mini ATRF CENTRALTEST

- Wireless Communication
- bezdrôtová komunikácia



Internet  
WEB  
Control

„-ATRF“  
lighting  
fixtures

max.  
239  
Fixtures

ADDRESS  
KNOWN

Transmit  
Power  
1/50mW



ELMAX-MINI-RF  
Wireless Centraltest

## ELMAX-WIRELESS-MINI ATRF

### (CENTRALTEST for all -ATRF fixtures further in the catalogue)

It is low cost solution CENTRALTEST device suitable especially for smaller projects. There is no display in this version, so it must be connected to INTERNET/Ethernet to be able to operate it through standard web browser on remote PC.

#### Common features:

- The DIN rail mounting box, dimensions: 150 x 100 x 70mm
- Powered from AC 80..250V
- Built-in LINUX based operating system, with no additional fees
- ARMV6 processor unit
- Ethernet 10/100 standard RJ45 connector and DHCP client
- 2x USB type A input for additional devices: USB stick, dongles
- Optional WiFi 802.11 dongle available
- Optional 3G / 4G GSM dongle available
- Built-in WEB server as common GUI interface, in other words user can visit and control system over the INTERNET/Ethernet using standard WEB browser such as FireFox, IE, Opera, Chrome on a PC, tablet, Smartphone
- Email client for sending Email ALARMS or Notifications for service company or facility manager
- FTP client for collecting all information to two independent FTP servers
- 3x potential-free input for Fire Alarm, switching the Night Shining on and switching the Power Saving on
- 1x output contact for messaging the Failure of fixtures or other malfunctions
- Up to 239 fixtures in the system
- Dedicated for all ATRF emergency lighting fixtures
- Built-in external antenna

## ELMAX-WIRELESS-MINI pre všetky -ATRF svietidlá

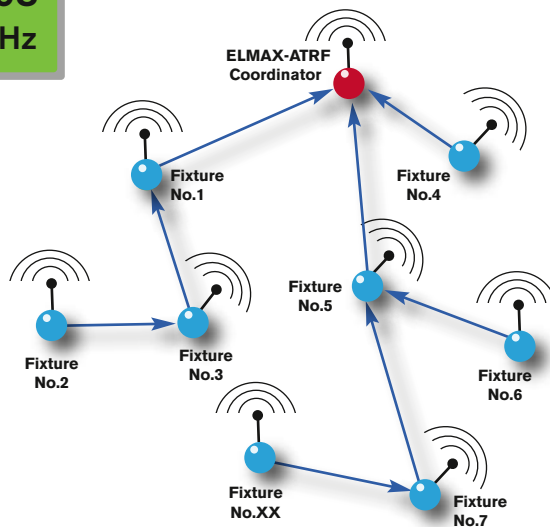
Jedná sa o cenovo úsporný CENTRALTEST riadiaci panel, ktorý je určený pre monitoring núdzových svietidiel najmä v menších objektoch. Riadiaca jednotka nemá displej, takže je nutné pripojenie na INTERNET/Ethernet

#### Tecnická špecifikácia:

- Skrinka určená pre montáž na DIN lištu, rozmery: 150 x 100 x 70mm
- Napájanie AC 80..250V
- Zabudovaný operačný systém LINUX, nevyžadujú sa ďalšie licenčné poplatky
- ARMV6 procesor
- Ethernet 10/100 RJ45 konektor a DHCP klient
- 2x USB-A vstup pre pripojenie ďalších USB zariadení ako napr.:
  - príplatkový WiFi 802.11 USB modul
  - príplatkový 3G / 4G GSM USB modul
- Zabudovaný WEB server ako hlavné grafické rozhranie. Užívateľ môže jednoducho komunikovať cez INTERNET/Ethernet prostredníctvom prehliadača IE, CHROME, FireFox. Môže použiť PC, tablet ,smart telefón
- Email klient pre odosielanie Email Alarmov / stav systému
- FTP klient pre odosielanie nazbieraných údajov zo systému
- 3x bezpotenciálový vstup pre Požiarne alarm, zapnúť nočné svietenie a zapnúť úsporný režim
- 1x výstupný kontakt ako spoločné hlásenie o chybe systému
- Určený pre svietidlá série ATRF
- Max 239 bezdrôtových svietiel v systéme
- Zabudovaná externá anténa

Lamp-ATRF	Name	Short Test	Long Test	MT Mode	On ACU	On AC	ALARM Mode	Night Shine Mode
FSAB1C1	Lamp01	✓	✓	✓	✓	✓	✓	✓
FSAB1C2	Lamp02	✓	✓	✓	✓	✓	✓	✓
FSAB1C2	Lamp03	✓	✓	✓	✓	✓	✓	✓
FSAB1C3	Lamp04	✓	✓	✓	✓	✓	✓	✓
FSAB1C4	Lamp05	✓	✓	✓	✓	✓	✓	✓
FSAB1C5	Lamp06	✓	✓	✓	✓	✓	✓	✓
FSAB1C6	Lamp07	✓	✓	✓	✓	✓	✓	✓
FSAB1C7	Lamp08	✓	✓	✓	✓	✓	✓	✓
FSAB1C8	Lamp09	✓	✓	✓	✓	✓	✓	✓
FSAB1C9	Lamp10	✓	✓	✓	✓	✓	✓	✓
FSAC21	Lamp12	✓	✓	✓	✓	✓	✓	✓
FSAC23	Lamp13	✓	✓	✓	✓	✓	✓	✓
FSAB1C2	Lamp14	✓	✓	✓	✓	✓	✓	✓

868 MHz



ELMAX-WIRELESS-MINI ATRF MASH NETWORK TOPOLOGY



#### ELMAX-WIRELESS-MINI BENEFITS:

- **NO CENTRAL BATTERY = HIGHER SAFETY**  
(each lighting fixture in the system has its own battery and there is no risk that defect of one battery influences the whole system like in case of central battery system CBS)
- **NO EXPENSIVE WIRING COSTS + NO WIRING INSTALATION COSTS**  
(it is wireless communication, each lighting fixture has its own battery, it is simply connected to the mains 230V AC)
- **LOWER INVESTMENTS COSTS**

#### VÝHODY V POROVNANÍ S CENTRÁLNOU BATÉRIOU CBS:

- **VYŠŠIA BEZPEČNOSŤ**  
(každé svietidlo má svoju vlastnú batériu, pri zlyhaní jedného nie je ohrozená funkčnosť celého systému ako pri centrálnej batérovej verzii)
- **NIEN SÚ POTREBNÉ ŽIADNE ŠPECIÁLNE VODIČE**  
(pre napájanie svietidiel nie sú potrebné drahé nehorľavé vodiče, pretože svietidlo je napájané svojou vlastnou batériou v prípade výpadku elektrickej energie, komunikácia CENTRALTEST je bezdrôtová)
- **NIŽŠIE INVESTIČNÉ NÁKLADY A VYŠŠIA MIERA BEZPEČNOSTI**



# 3

## ELMAX-PATROLUX Mini & CBS PATROLUX

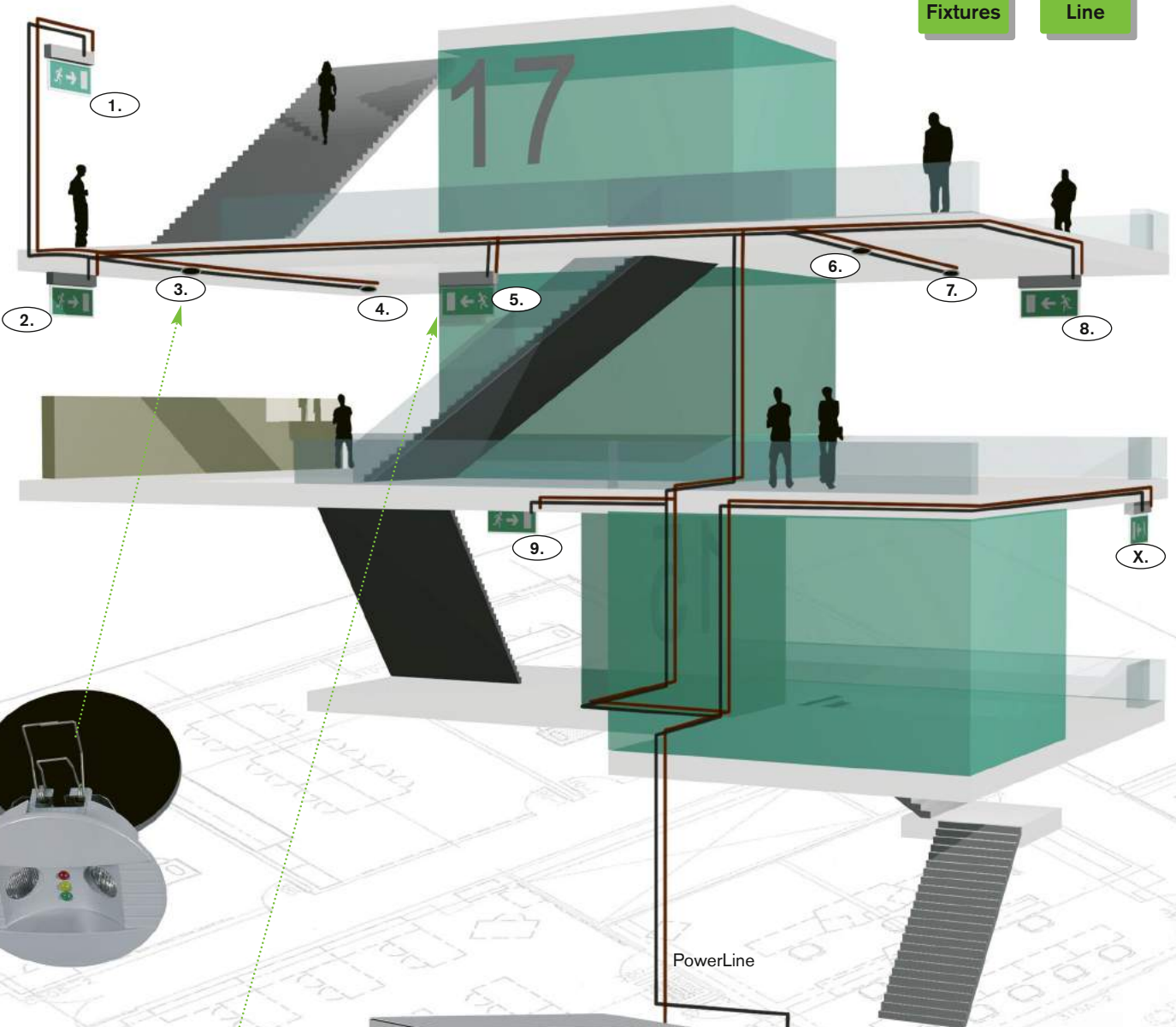
- Wire based Communication
- komunikácia po dvojlinke

ADDRESS KNOWN

„-ATXP“ lighting fixtures

Max. 500 Fixtures

Twisted Bi-Wire Line



max. 2000m Long



CBS EPS DIGITAL PATROLUX equipped with ELMAX-Patrolux Interface

ELMAX-Patrolux Centraltest Device

Twisted Bi-Wire Communication Wiring



## ELMAX-PATROLUX Mini

- môže byť pripojené max 500 svietidiel typu "ATXP" /systém
- samostatná dvojlinka na komunikáciu a monitorovanie svietidiel
- max dĺžka vetvy (výstupu) do 2000m
- 4 monitorované vetvy (výstupy)
- šetrný k životnému prostrediu (ON/OFF funkcia zapnutý/vypnutý)
- automatické rozpoznávanie adries svietidiel pri inštalácii

### Popis

Elmax Patrolux centraltest je navrhnutý pre monitorovanie núdzových svietidiel napájaných CBS (centrálny batériový systém). Monitorovanie svietidiel a komunikácia je vedená po samostatnej komunikačnej dvojlinke. Systém ELMAX Patrolux môže byť použitý s CBS EPS-D Patrolux (600-2000VA - pozri aj str. 170) alebo inými centrálnymi núdzovými systémami (musí byť prejednané so SEC). Ak je napájanie dodávané od EPS-D Patrolux, potom CBS a Elmax komunikujú a zbierajú prevádzkové hodnoty, informácie a vykonávajú testy. Znamená to, že všetky informácie obsiahnuté na CBS sú dostupné aj na Elmax Patrolux a vďaka tomu je aj stav CBS možný monitorovať cez web/internet.

Komunikácia svietidiel je pomocou štandardnej netienennej dvojlinky Cat5 data cable. Jej dĺžka je limitovaná na max 2000m/výstup, čo dovoľuje inštaláciu systému aj vo veľkých budovách/objektoch. Napájanie svietidiel je centrálné cez separátny 230V AC kábel.

### Súlad s normami

Centrálny batériový systém CBS testuje sám seba automaticky pre kontrolu všetkých svojich vnútorných funkcií a nabíjanie. Elmax-Patrolux monitoruje všetky pripojené svietidlá, ich elektronické jednotky a svetelné zdroje (žiarivky alebo LED). ELMAX-Patrolux systém spĺňa EN50171. Ak sa objaví chyba/porucha, tá je indikovaná v systéme ELMAX.

### Pripojiteľnosť

CBS EPS -D Patrolux je vybavený 4 separátnymi istenými výstupmi, ktoré poskytujú 230VAC a 100% svetelný výkon v prípade výpadku elektrickej energie po dobu min 60 minutes. CBS poskytuje široký výber úrovne monitorovania, kde môže byť vybrané:

1. Monitorovanie výstupov podľa merania záťaže (info samostatný katal.list)
2. Monitorovanie elektronických jednotiek a svetelných zdrojov SEC "ATXP" svietidiel s jedinečnou adresou cez Elmax-Patrolux centraltest jednotku
3. Monitorovanie elektronických jednotiek a svetelných zdrojov hlavných svietidiel (iné ako SEC typy) vybavených samostatným ATXP komunikačným modulom s jedinečnou adresou cez Elmax-Patrolux centraltest jednotku
4. Iba napájanie svietidiel bez ich testovania

### Funkcia svietidiel ON/OFF (zapnuté/vypnuté), jednoducho a šetrne k životnému prostrediu

Tradične, pri inštalácii CBS bolo treba špecifikovať, ktoré svietidlá boli v stave ON a ktoré v stave OFF. Napríklad všetky svietidlá s piktogramom museli byť pripojené k výstupom, ktoré boli nepretržite v stave ON a núdzové svietidlá bez piktogramov k výstupom napájaných len počas výpadku elektrickej energie.

V prípade ELMAX-Patrolux systému je možné navyše "miešať" pripojenie týchto typov na tom istom výstupe (ako príplatok/opcia ATXPR) a softvérovým definovať funkčnosť jednotlivých svietidiel (ON/OFF) bez ohľadu ako sú pripojené. Všetky testy a monitorovanie je zabezpečené softvérom ELMAX-Patrolux. Týmto sa šetrí čas, inštalačné náklady a elektrická energia a svetelné zdroje, pretože je možné presne určiť, ktoré svietidlá majú byť OFF a nemusia svietiť nepretržite. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené automaticky systémom ELMAX-Patrolux na všetkých výstupoch.

### Odolnosť ťažkým podmienkam okolia/prostredia

Niektoré aplikačné prostredia prinášajú so sebou ťažšie prevádzkové podmienky ako rušenie, vysoké napätie, tienené miestnosti a pod. Pre všetky tieto prípady je prenos komunikácie ELMAX-Patrolux odolný a zabezpečený.

### Sortiment svietidiel typu ATXP/ATXPR

Všetky svietidlá určené pre CENTRALTEST Elmax Patrolux sú ďalej v katalógu označené ako ATXP/ATXPR. Ak je potrebné pripojiť do systému aj iné svietidlo, je nutné ho vybaviť separátnym komunikačným modulom Patrolux (ATXP/ATXPR, ktorý zvládne výkon svietidla do 120VA.

## ELMAX-PATROLUX MINI

- Up to 500 central battery luminaries can be connected per system
- Safe monitoring via separate cable at fixture level
- Long distances with up to 2000 meters of cable per output
- Four monitored outputs
- Environmentally friendly on- and off-function
- Automatic addressing of the fixtures

### Description

Elmax Patrolux central-test device is designed for monitoring of CBS central battery luminaries via separate communication cable. The system can be used either with central battery system EPS-D Patrolux series (600-2000VA - look up page No. 170) or with other central units, type UPS (contact SEC for more information). When power is supplied via EPS-D Patrolux the central and the Elmax both communicates and collects operational values, information and perform the tests. It means that all information contained in the central is also shown in the Elmax-Patrolux systems and thanks to this, even the EPS is monitored via the web.

Luminary communication is done via standard unshielded twisted pair line type Cat 5 data cable. Its length can be up to 2000 meters per output what allows monitoring of even large buildings. The power supply of the luminaries is done centrally via separate 230VAC cable.

### According to the norms

The emergency power supply CBS tests itself automatically to control its internal functions as well as charging and the battery while Elmax-Patrolux monitors all luminaries ballast and the light sources (either LED or fluorescent tube). ELMAX-Patrolux system conforms to the standard of EN50171. If there's a fault it's indicated in the Elmax unit and the inverter.

### Great connectivity

CBS EPS -D Patrolux is equipped with 4 separate fused outputs which provide 230VAC and 100% light output at power failure for at least 60 minutes. The units provide a large choice regarding the monitoring when one can choose to:

1. Monitor outputs with fixtures via load sensing (see separate sheet for more info)
2. Monitor electronics and light sources in SEC "ATXP" fixtures with an unique ID address via Elmax-Patrolux central
3. Monitor electronics and light sources in the fixtures for general lighting equipped with ATXP modules and unique ID address via Elmax-Patrolux central-test device
4. Only power-supply the luminaries

### Luminaries ON/OFF function, easy and environmentally friendly

Traditionally, it has previously been required to decide in advance which outputs and luminaries must be ON and which ones should be OFF. For example it was mandatory to have the "green sign" luminaries connected to dedicated maintained outputs, and the emergency lighting without legends (the white light) to the non-maintained outputs. In our case ELMAX-Patrolux allows to connect both types on the same output. With all -ATXPR fixtures (equipped with the relay), you can easily determine which ones should be constantly ON, and which should be in standby operation, regardless of how they are connected. Thanks to this you can mix the emergency luminaries on the same output. All the tests and monitoring are done via the Elmax-Patrolux software. This saves both installation time and costs and thanks to this the emergency lighting without legends (the white light) only needs to be turn on in case of a power failure. It saves both energy and light sources. In case of a power failure the Elmax-Patrolux turns on all the fixtures on all outputs.

### Withstands harsh environments

Some environments are tougher than other existing disturbances due all a high voltage, wireless communications, shielded rooms, etc. In all these cases, we offer the safety and security of our wired monitoring which is well suited for all types of environments.

### Many types of ATXP/ATXPR luminaries

The products designed for Elmax Patrolux are marked with ATXP in the catalogue. If you want to connect and monitor also other luminaries for general lighting, you can equip them with separate Patrolux (ATXP/ATXPR) modules which can handle power up to 120VA .





### Description

EPS-D Patrolux is available in power sizes from 600 to 2000VA. The central supplies the addressable in the Patrolux systems with 230V AC sine-wave voltage both before and after mains-failure and all luminaries that are compatible with the system are marked with ATXP / ATXPR. If one wants ordinary luminaries monitored they can be equipped with separate Patrolux (ATXP / ATXPR) modules which can handle loads up to 120VA. This means that more or less all different types of luminaries can be supplied and monitored. Since the CBS's communicates with the Elmax and showing measurements in the software it can be monitored anywhere in the world.

### High efficiency

Because the centrals are of "offline" type they have up to 98 % efficiency during normal conditions which gives low energy-consumption and heat dissipation. This makes the operational costs, cooling-need and environmental impact down to a minimum which makes the EPS truly "green".

### Mimic panel

On the front of the EPS all the necessary operational values such as input voltage, connected load VA's and Watts, battery-voltage, alarms etc. are shown in the digital display. Large push-buttons makes it easy scroll in the menus and to program the central if it's wanted. The mimic panel also has 4 LEDs for quick status monitoring which shows mains connected, battery operation, charger fault and test in progress.

### Auto test according to current standards

The EPS Digital centrals are equipped with automatic tests to monitor all the important internal functions according to EN 50171&EN 50172. This includes the function of the batteries, charging and autonomy. It's easy to program which specific weekday and time the test shall be executed via the mimic panel so as not to interfere with the customers daily operations. Because manual tests then become obsolete, the operational costs will be kept to a minimum.

### Monitoring of lines or individual luminaries

The Elmax Patrolux system monitors on luminary-level and therefore the line monitoring is turned off by default. This feature can be activated on selected outputs for example when there's a need to monitor standard fixtures that do not have addressable ballasts. The systems senses if a luminary or light-source is broken and also shows which output it's connected to. The sensitivity can be adjusted to monitor even down to a single LED luminary. During the test the central lights up all the outputs so that also emergency luminaries that normally are off also are checked. During the test the CBS is also checking the internal function like fuses, charging and battery-status.

### Environmental friendly with Energy Save Function

To save energy is important to building owners today both for economical as well as environmental reasons. This fact has been taken into consideration on the EPS Digital since it also has an input to turn off all the luminaries when they do not need to be on. The input can for example be automatically activated from a burglar alarm so that all the emergency lights are turned off when there's no one on the premises. The charging of the batteries remains active and if a mains failure should occur during this state, all the luminaries will light up. The above actions give large savings on energy-costs, light-sources and not the least, the environment.

### Input for fire-alarm

The centrals also have the possibility to be controlled via an input that turns on all the connected luminaries. The input can either transmit or receive voltage (24VDC) from external devices such as fire-alarms.

### Monitoring of sub-centrals (3-phase monitoring unit)

In the CBS EPS centrals there is also an input that can be used for external 3-phase monitoring (art No. M-CBS0011). These can be placed locally in a sub-centrals to monitor local mains-failures out in the building. If the devices are activated then all the outputs of the EPS's are lit up even though the mains connected to the central is OK.



### External alarm

The centrals have three potential-free outputs on terminals for alarms. Common alarm, mains failure and load error. These can for example be connected to an external alarm panel or KNX system.

### Earthleakage monitored outputs for high flexibility and safety

The EPS-D Patrolux has four outputs as standard for the load that can be controlled completely individually. As example; two outputs can always be on for exit signs and two outputs can be off for escape route lighting. It's also possible to connect external light-switches to the centrals to put on and off luminaries during normal conditions. If a mains failure should occur the EPS turns on all the outputs even if they are in an off condition. As an accessory the centrals can be equipped with an extra internal PCB with 12 outputs or an extra external box with 16 outputs. The control and monitoring will then be in groups of 3 or 4. The outputs are individually secured both electronically and with ultra fast UR fuse. Every output also have earth-leakage monitoring with off/on, 0-30mA/100mA/300mA depending on using of the EPS. If a short-circuit or earth-leakage problem should occur the central only shuts down the applicable output.

### 100 % light

The EPS's are delivered with powerful batteries manufactured according to Eurobat 1999 "10-12 years – High Performance" and gives 100 % light in at least 60 minutes during a mains failure. The batteries are sealed lead acid so the centrals can therefore be installed in normal indoor environments.

### Plug'n'Play

The centrals are delivered complete where everything is ready to be used immediately. The batteries are connected and all the necessary adjustments are already made in the spirit of true Plug'n'Play. In the manual all the vital information needed can be found for installation, commissioning and maintenance.

## Popis

Centrálny batériový systém CBS EPS Digital PATROLUX je vyrábaný od výkonu 600VA do 1500VA. Centrála dodáva 230V AC sínus napätie pred aj po výpadku elektrickej energie a všetky svietidlá ďalej v katalógu označené ATXP môžu byť napájané. Ak je potrebné pripojiť bežné svietidlo, je nutné ho vybaviť samostatným komunikačným modulom PATROLUX, ktorý zvládne záťaž do 120VA. To znamená, že všetky typy svietidiel môžu byť pripojené. Keďže CBS komunikuje s ELMAX-Patrolux, je možné systém monitorovať z akéhokoľvek miesta na zemi pomocou web prehliadača a jeho IP adresy.

## Vysoká účinnosť

Tým, že centrála je "offline", jej účinnosť je až do 98% za normálnych podmienok, čím je jej spotreba a generované teplo na veľmi nízkej úrovni. Prevádzkové náklady, potreba chladenia a vplyv na životné prostredie sú na veľmi nízkej úrovni a tým sa stáva centrála skutočne "zelená".

## Info panel

Všetky dôležité informácie o prevádzkových parametroch ako vstupné napätie, pripojená záťaž, napätie batérií, alarmy a pod. sú veľmi dobre čitateľné na digitálnom displeji na prednom paneli ústredne. Pomocou veľkých tlačítek je veľmi jednoduché prechádzanie menu a programu, ak je to potrebné. Info panel má taktiež 4LEDky pre rýchly monitoring stavu siete, batérií, nabíjajúcich obvodov a prebiehajúceho testu.

## AUTOTEST

Centrála EPS Digital je vybavená automatickom testom na monitorovanie všetkých interných funkcií podľa noriem EN50171 a EN 50172. Funkcia Autotest zahŕňa test batérií, nabíjania a autonómnosti. Jednoduchým naprogramovaním je možné určiť deň v týždni a čas kedy má byť test vykonaný tak, aby sa vyhol bežným prevádzkovým hodinám v objekte. Vďaka tomu nie je nutné vykonávať test manuálne a tým prichádza k úsporám času a nákladov s tým spojených.

## Monitorovanie línií a jednotlivých svietidiel

Systém ELMAX-Patrolux monitoruje na úrovni jednotlivých svietidiel, preto je monitoring jednotlivých línií prednastavený ako vypnuté. Monitoring línií môže byť aktivovaný na vybrané výstupy napr. pre línie, ktoré obsahujú len svietidlá bez adres.modulu. Systém vyhodnocuje, či je svietidlo alebo jeho svetelný zdroj pokazený a ukáže výstup, na ktorý je pripojený. Citlivosť môže byť nastavená až na úroveň jednotlivého svietidla. Počas testu CBS rozsvieti všetky svietidlá, takže je možné testovať aj tie, ktoré sú normálne vypnuté. Počas testu skontroluje aj ďalšie interné funkcie ako sú poistky, nabíj.obvody a stav batérií.

## Funkcia úspory energie

V dnešnej dobe je pre majiteľov budov dôležitým faktorom úspora energie z ekonomických dôvodov alebo aj z dôvodu vplyvu na životné prostredie. Tento fakt bol bráný do úvahy už pri návrhu CBS EPS Digital ústrední a každá má zabudovaný vstup na možnosť vypnutia všetkých svietidiel v čase, keď ich funkcia nie je potrebná. Tento vstup môže byť napríklad napojený na bezpečnostný systém danej budovy tak, že po jeho aktivácii sa všetky svietidlá vypnú nakoľko sa v bodove už nikto nenachádza. Funkcia nabíjania batérií ostáva aktívna a ak príde k výpadku elektrickej energie, tak sú všetky svietidlá aktivované. Týmto je možné dosiahnuť výrazné úspory energie, servisných nákladov potrebných na výmenu svetelných zdrojov a v neposlednej rade životné prostredie.

## Vstup pre požiarny poplach

Centrála má možnosť byť riadená aj cez vstup, ktorý automaticky rozsvieti všetky svietidlá. Tento vstup môže buď vysielat alebo prijímať napätie 24V DC z externého zariadenia ako je napr. systém detekcie požiaru.

## Monitoring subcentrál (fáz) - prípatkový modul

CBS centrála je vybavená taktiež vstupom, ktorý môže byť použitý pre externé 3-fázové monitorovanie (musí byť objednané ako samostatná položka M-CBS0011). Tieto jednotky 3-fázového monitorovania môžu byť umiestnené v objekte s lokálnymi CBS centrárami (napr na každom poschodí) tak, aby monitorovali lokálne výpadky siete v budove. Ak je zariadenie aktivované, tak všetky okruhy sú rozsvietené aj v prípade, že napájanie CBS je v poriadku.

## Externý alarm

Centrála má 3 bezpotenciálové výstupy pre alarmy. Bežný alarm, výpadok siete a porucha nabíjania. Môžu byť pripojené napr. k externému pultu alebo KNX.

## Uzemnené monitorované výstupy pre vysokú úroveň bezpečnosti a flexibility

Centrála CBS EPS Digital Patrolux má štandardne 4 výstupy pre pripojenie svietidiel, ktoré môžu byť riadené úplne nezávisle. Napr. 2 výstupy môžu byť použité pre svietidlá na vyznačenie smeru únikovej cesty (svietidlá s piktogramom) a ďalšie 2 výstupy pre svietidlá pre hlavné svietenie v osi únikovej cesty (svietidlá bez piktogramov). Navyše je možné pripojiť k centrále externé vypínače zapnutie/vypnutie svietidiel počas normálneho stavu. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené bez ohľadu na to, či boli predtým vypnuté alebo zapnuté. Ako možnosť, centrála môže byť vybavená internou doskou s 12 výstupmi alebo externou doskou so 16 výstupmi. Riadenie a monitoring bude potom v skupinách po 3, resp. po 4. Výstupy sú individuálne zabezpečené elektronicky a zároveň veľmi rýchlou UR poistkou. Každý výstup ma taktiež monitoring uzemnenia so zapnutím/vypnutím, 0-30mA/ 100mA/ 300mA v závislosti na použití CBS EPS centrály. Ak sa objaví skrat alebo problém s uzemnením, centrála automaticky vypne len dotknutý výstup.

## 100% svetelného toku

Centrály CBS EPS sú dodávané s výkonnými batériami vyrobenými podľa Eurobat 1999 "10-12 years- High Performance" a dávajú 100 % svetelný výkon počas min.60min po výpadku elektrickej energie. Jedná sa o zapúzdrené olovené batérie, ktoré môžu byť umiestnené v bežných interiérových podmienkach.

## Plug'n'Play

Centrály CBS EPS sú dodávané kompletne, so všetkým potrebným pre okamžitú inštaláciu. Batériu sú napojené a všetky potrebné nastavenia sú spravené v duchu Plug'n'Play. V priloženom manuále sú uvedené všetky potrebné informácie pre inštaláciu, prevádzku a údržbu.

## CBS EPS PATROLUX

Parameters: / Type:	EPS 600DP	EPS 750DP	EPS 900DP	EPS 1200DP	EPS 1500DP	EPS 2000DP
Power (Technology Offline)	600VA/480W	750VA/600W	900VA/720W	1200VA/960W	1500VA/1200W	2000VA/1600W
SEC Order code:	M-CBS0014	M-CBS0015	M-CBS0016	M-CBS0017	M-CBS0018	M-CBS0019
<b>Input</b>	1-phase					
Voltage / Frequency	230V AC +/- 10% / 50Hz					
<b>Output</b>	1-phase					
Voltage / Frequency	230V AC +/- 4% / 50Hz					
Waveform	Sinus					
Efficiency	up to 98%					
Crest factor	3:1					
Outputs (5A Ultra-fast)	4 (or 12 with extra PCB)					
Dimensions (HxWxD) mm	600x800x320 (wall-cabinet / stena)			1000x750x400 (floor-cabinet / podlaha)		
Weight (kg)	62	78	90	136	148	175

All optional accessories/modules are shown on Page No.47

Príplatkové moduly sú uvedené na strane č.47



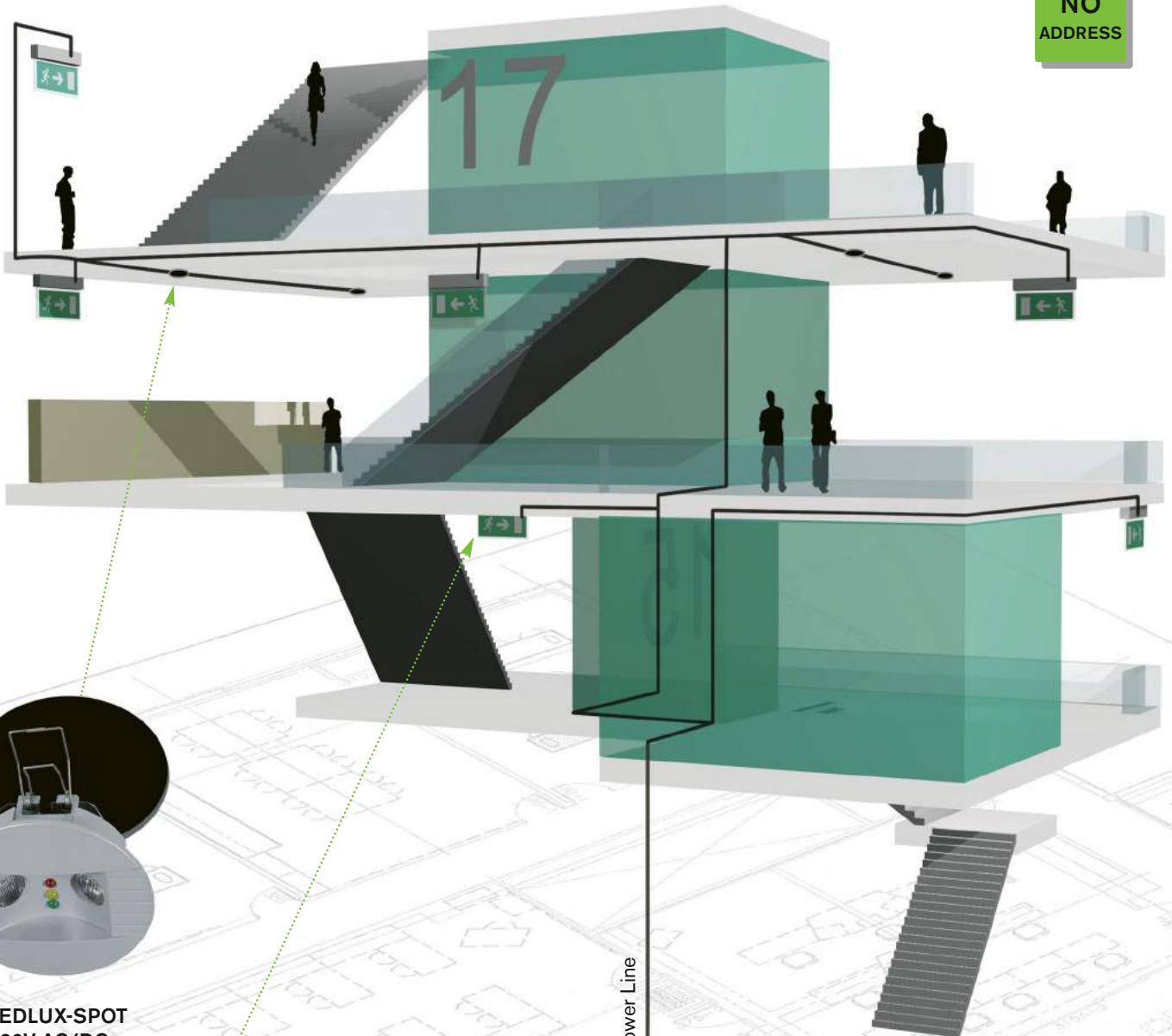
# 4

## Central Battery System (CBS) EPS

- Non-Addressable
- neadresovateľný centrálny batériový systém

„C.xxx“  
Lighting  
Fixtures

NO  
ADDRESS



C.LEDLUX-SPOT  
230V AC/DC



C.LEDLUX2  
230V AC/DC

Up To  
2000VA

CBS EPS Digital





#### Description

The CBS EPS Digital is available in power sizes from 150VA to 2000VA. The central supplies the load with 230VAC sine-wave voltage both before and after mains-failure which means that almost any luminaires and light sources can be used. The lamps should be compensated to at least cos. fi. 0,8 and should be able to handle a break of 0,5 seconds during the switch from mains to battery power according to EN 50171.

#### High efficiency

Because the centrals are of "offline" type they have up to 98 % efficiency during normal conditions which gives low energy-consumption and heat dissipation. This makes the operational costs, cooling-need and environmental impact down to a minimum which makes the CBS EPS truly "green".

#### Mimic panel

On the front of the CBS EPS all the necessary operational values such as input voltage, connected load, battery-voltage, alarms etc. are shown in the digital display. Large push-button makes it easy scroll in the menus and to program the central if it is wanted. The mimic panel also has 4 LEDs for quick status monitoring which shows mains connected, battery operation, charger off and if the unit is in test.

#### Auto test according to current standards

The CBS EPS Digital centrals are equipped with automatic tests to monitor all the important internal functions according to the European standards EN 50171 & EN 50172. This includes the function of the batteries, charging and autonomy. It is easy to program which specific weekday and time the test shall be executed via the mimic panel so as not to interfere with the customers daily operations. Because manual tests then become obsolete, the operational costs will be kept to a minimum.

#### Load monitoring

In addition to above auto-test the CBS EPS Digital also monitors the connected load. The systems senses if a luminaire or light-source is broken and also shows which output it is connected to. The sensitivity can be adjusted to monitor even down to a single LED luminaire. During the test the central lights up all the outputs so that also emergency luminaires that normally are OFF are checked too.

#### Environmental friendly with Energy Save Function

To save energy is important to building owners today both for economical as well as environmental reasons. This fact has been taken into consideration on the CBS EPS Digital since it also has an input to turn off all the luminaires when they do not need to be on. The input can for example be automatically activated from a burglar alarm so that all the emergency lights are turned off when there is no one on the premises. The charging of the batteries remains active and if a mains failure occurs during this state, all the luminaires will light up.

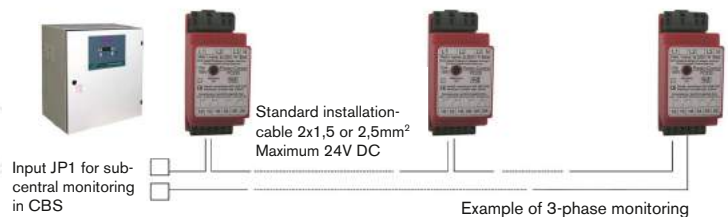
The above actions give large savings on energy-costs, light-sources and not the least, the environment.

#### Input for fire-alarm

The centrals also have the possibility to be controlled via an input that turns on all the connected luminaires. The input can either transmit or receive voltage (24VDC) from external devices such as fire-alarms.

#### Monitoring of sub-centrals (3-phase monitoring unit -optional)

In the CBS EPS centrals there is also an input that can be used for external 3-phase monitoring (art No. M-CBS0011). These can be placed locally in a sub-centrals to monitor local mains-failures out in the building. If the devices are activated then all the outputs of the EPS's are lit up even though the mains connected to the central is OK.



#### External alarm

The centrals have three potential-free outputs on terminals for alarms. Common alarm, mains failure and load error. These can for example be connected to an external alarm panel or KNX system.

#### Earthleakage monitored outputs for high flexibility and safety

The CBS EPS Digital has four outputs as standard for the load that can be controlled completely individually. As example; two outputs can always be on for exit signs and two outputs can be off for escape route lighting. It is also possible to connect external light-switches to the centrals to put on and off luminaires during normal conditions. If a mains failure occurs the EPS turns on all the outputs even if they are in an off condition. As an accessory the centrals can be equipped with an extra internal PCB with 12 outputs. The control and monitoring will then be in groups of 3. The outputs are individually secured both electronically and with ultra fast UR fuse. Every output also have earth-leakage monitoring with off/on, 0-30mA/100mA/300mA depending on using of the CBS EPS. If a short-circuit or earth-leakage problem occurs the central only shuts down the applicable output.

#### 100 % light

The CBS EPSs are delivered with powerful batteries manufactured according to Eurobat 1999 "10-12 years- High Performance" and gives 100 % light in at least 60 minutes during a mains failure. The batteries are sealed lead acid so the centrals can therefore be installed in normal indoor environments.

#### Plug'n'Play

The CBS centrals are delivered complete where everything is ready to be used immediately. The batteries are connected and all the necessary adjustments are already made in the spirit of true Plug'n'Play. In the manual all the vital information needed can be found for installation, commissioning and maintenance.



### Popis

Centrálny batériový systém CBS EPS Digital je vyrábaný od výkonu 150VA do 2000VA. Centrála dodáva 230V AC sínus napätie pred aj po výpadku elektrickej energie, čo znamená že prakticky všetky svietidlá a svetelné zdroje môžu byť napájané. Svietidlá majú byť kompenzované na  $\min.\cos.\phi.0,8$  a musia zniesť výpadok napájania 0,5s počas prepnutia napájania zo siete na batériu (podľa EN50171).

V katalógu SEC sú tieto typy ďalej uvedené vždy v tabuľke s hlavičkou "CENTRAL BATTERY (CBS)" a označením príslušného typu C.xxx 230V AC/DC (napr. C.LEDLUX-SPOT-B-V 2x3W 230V AC/DC).

### Vysoká účinnosť

Tým, že centrála je "offline", jej účinnosť je až do 98% za normálnych podmienok, čím je jej spotreba a generované teplo na veľmi nízkej úrovni. Prevádzkové náklady, potreba chladenia a vplyv na životné prostredie sú na veľmi nízkej úrovni a tým sa stáva CBS centrála skutočne "zelená".

### Info panel

Všetky dôležité informácie o prevádzkových parametroch ako vstupné napätie, pripojená záťaž, napätie batérií, alarmy a pod. sú veľmi dobre čitateľné na digitálnom displeji na prednom paneli ústredne. Pomocou veľkých tlačítek je veľmi jednoduché prechádzanie menu a programu, ak je to potrebné. Info panel má taktiež 4LEDky pre rýchly monitoring stavu siete, batérií, nabíjajúcich obvodov a prebiehajúceho testu.

### AUTOTEST

Centrála EPS Digital je vybavená automatickým testom na monitorovanie všetkých interných funkcií podľa noriem EN50171 a EN 50172. Funkcia Autotest zahŕňa test batérií, nabíjania a autonómnosti. Jednoduchým naprogramovaním je možné určiť presný deň v týždni a čas kedy má byť test vykonaný tak, aby sa vyhol bežným prevádzkovým hodinám daného objektu. Vďaka AUTOTESTU nie je nutné vykonávať test manuálne a tým prichádza k značným úsporám času a nákladov s tým spojených.

### Monitorovanie záťaže

Navyše k vyššie uvedenému funkcia AUTOTEST monitoruje aj pripojenú záťaž. Systém dokáže identifikovať poruchu svietidla alebo jeho svetelného zdroja a zároveň informuje na ktorom výstupe/okruhu je pripojené. Jeho citlivosť môže byť nastavená až na úroveň jednotlivého svietidla. Počas testu sú všetky svietidlá a všetkých výstupoch rozsvietené a tým je možné skontrolovať aj svietidlá, ktoré sú normálne vypnuté.

### Funkcia úspory energie

V dnešnej dobe je pre majiteľov budov dôležitým faktorom úspora energie z ekonomických dôvodov alebo aj z dôvodu vplyvu na životné prostredie. Tento fakt bol braný do úvahy už pri návrhu CBS EPS Digital ústrední a každá má zabudovaný vstup na možnosť vypnutia všetkých svietidiel v čase, keď ich funkcia nie je potrebná. Tento vstup môže byť napríklad napojený na bezpečnostný systém danej budovy tak, že po jeho aktivácii sa všetky svietidlá vypnú nakoľko sa v bodove už nikto nenachádza. Funkcia nabíjania batérií ostáva aktívna a ak príde k výpadku elektrickej energie, tak sú všetky svietidlá aktivované. Týmto je možné dosiahnuť výrazné úspory elektrickej energie, servisných nákladov potrebných na výmenu svetelných zdrojov a v neposlednej rade životné prostredie.

### Vstup pre požiarny poplach

Centrála má možnosť byť riadená aj cez vstup, ktorý automaticky rozsvieti všetky svietidlá. Tento vstup môže buď vysielať alebo prijímať napätie 24V DC z externého zariadenia ako je napr. systém detekcie požiaru.

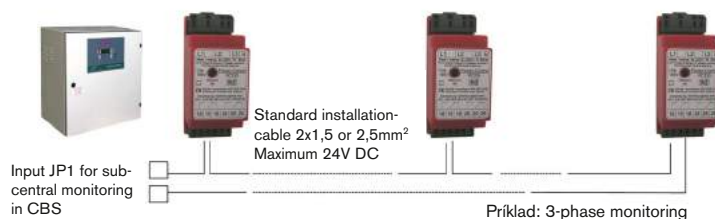
### Externý alarm

Centrála má 3 bezpotenciálové výstupy pre alarmy. Bežný alarm, výpadok siete a porucha nabíjania. Tieto môžu byť pripojené napr. k externému pultu alebo KNX systému.



### Monitoring subcentrál (fáz) - príplatkový modul

CBS centrála je vybavená taktiež vstupom, ktorý môže byť použitý pre externé 3-fázové monitorovanie (musí byť objednané ako samostatná položka M-CBS0011). Tieto jednotky 3-fázového monitorovania môžu byť umiestnené v objekte s lokálnymi CBS centrálnami (napr. na každom poschodí) tak, aby monitorovali lokálne výpadky siete v budove. Ak je zariadenie aktivované, tak všetky okruhy CBS sú rozsvietené aj v prípade, že napájanie CBS je v poriadku.



### Uzemnené monitorované výstupy pre vysokú úroveň bezpečnosti a flexibility

Centrála CBS EPS Digital má štandardne 4 výstupy pre pripojenie svietidiel, ktoré môžu byť riadené úplne nezávisle. Napr. 2 výstupy môžu byť použité pre svietidlá na vyznačenie smeru únikovej cesty (svietidlá s piktogramom) a ďalšie 2 výstupy pre svietidlá pre hlavné svietenie v osi únikovej cesty (svietidlá bez piktogramov). Navyše je možné pripojiť k centrálne externé vypínače pre zapnutie / vypnutie svietidiel počas normálneho stavu. V prípade výpadku elektrickej energie sú všetky svietidlá rozsvietené bez ohľadu na to, či boli predtým vypnuté alebo zapnuté. Ako opcia, centrála môže byť vybavené internou doskou s 12 výstupmi (nutné objednať samostatne, položka M-CBS0012) alebo externým boxom so 16 výstupmi (nutné objednať samostatne, položka M-CBS0005). Riadenie a monitoring bude potom v skupinách po 3, resp. po 4. Výstupy sú individuálne zabezpečené elektronicky a zároveň veľmi rýchlou UR poistkou. Každý výstup ma taktiež monitoring uzemnenia so zapnutím/vypnutím, 0-30mA/100mA/300mA v závislosti na použití CBS EPS centrály. Ak sa objaví skrat alebo problém s uzemnením, centrála automaticky vypne len dotknutý výstup.

### 100% svetelného toku

Centrály CBS EPS sú dodávané s výkonnými batériami vyrobenými podľa Eurobat 1999 "10-12 years- High Performance" a dávajú 100 % svetelný výkon počas min.60min po výpadku elektrickej energie. Jedná sa o zapúzdrené olovené batérie, ktoré môžu byť umiestnené v bežných interiérových podmienkach.

### Plug'n'Play

Centrály CBS EPS sú dodávané kompletne, so všetkým potrebným pre okamžitú inštaláciu. Batériu sú napojené a všetky potrebné nastavenia sú spravené v duchu Plug'n'Play. V priloženom manuále sú uvedené všetky potrebné informácie pre inštaláciu, prevádzku a údržbu.

## CBS EPS DIGITAL - OFFLINE Technology

Parameters: / Type:	EPS 150D	EPS 300D	EPS 450D	EPS 600D	EPS 750D	EPS 900D	EPS 1200D	EPS 1500D	EPS 2000D
Power	150VA/	300VA/	450VA/	600VA/	750VA/	900VA/	1200VA/	1500VA/	2000VA/
Offline Technology	120W	240W	360W	480W	600W	720W	960W	1200W	1600W
SEC Order code	M-CBS0006	M-CBS0007	M-CBS0003	M-CBS0004	M-CBS0008	M-CBS0009	M-CBS0010	M-CBS0001	M-CBS0002
<b>Input</b>	1-phase								
Voltage	230V AC +/- 10%								
Frequency	50Hz								
<b>Output</b>	1-phase								
Voltage	230V AC +/- 4%								
Frequency	50Hz								
Waveform	Sinus								
Efficiency	up to 98%								
Crest factor	3:1								
Outputs (5A Ultra-fast)	4 (or 12 with extra PCB)								
Dimensions (HxWxD) mm	400x600x210 (wall-cabinet / stena)			600x800x320 (wall-cabinet / stena)			1000x750x400 (floor-cabinet / podlaha)		
Weight (kg)	24	42	55	62	78	90	136	148	175
Alarm (potential free on termin.)	Common alarm, mains failure and load error / bežný alarm, výpadok siete a porucha nabíjania.								
<b>Standards</b>									
Performance and topology	EN50171 / EN50172								
Protection class	IP21								
<b>Accessories</b>									
IP54 cabinets	Yes				No				
External box with 16 outputs (2,5A Ultra-fast fuses)	Optional Item / Príplatkový modul položka : M-CBS0005								
Internal PCB wit 12 outputs (2,5A Ultra-fast fuses)	Optional Item / Príplatkový modul položka : M-CBS0012								
PC230, 3-phase monitoring	Optional Item / Príplatkový modul položka : M-CBS0011								



Product Assortment

## EMERGENCY LIGHTING

# Premium Line



- **4 YEARS WARRANTY \***

- 4 ročná záruka \*



- **POWERFULL LEDs >150lm/W**

- Výkonné LED >150lm/W



- **LONGLIFE LEDs >100.000h**

- Dlhoživotné LED >100000hod



- **LONGLIFE LIFEPO4 BATTERY**

- Dlhoživotná LIFEPO4 batéria



- **INSTALATION MODE**

- Inštalačný mód



- **INTELLIGENT CHARGING** (for NiMh batteries)

- Inteligentné nabíjanie (pre NiMh batérie)



- **ECO MODE (dimming 10%-100%)**

- ECO mód (stmievanie 10%-100%)



**2/200**  
cd/m<sup>2</sup>

- **ENERGY SAVING MODE (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>)**

- "Energy Saving" mód (osvetlenie piktogramu 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>)



- **POWER FACTOR >0.9**

- Power faktor >0,9

\*4 years warranty does not include the battery

\*4 ročná záruka nezahrňuje batériu





# FEATURES PREMIUM LINE

**THIS IS ONLY EXAMPLE OF DIP SWITCH PREMIUM EMERGENCY LIGHTING VERSION FUNCTIONALITY. FOR DETAILED SPECIFIC TYPE FUNCTIONALITY PLEASE REFER TO ITS CATALOGUE PAGE.**

**TÁTO TABUĽKA ÚVÁDZA PRÍKLADY FUNKCIONALITY DIP PREPÍNAČA PRE PREMIUM VERZIE NÚDZOVÝCH SVIETIDIEL. PRE DETAILNÚ FUNKCIONALITU DANÉHO SVIETIDLA POZRI ĎALEJ V KATALÓGU.**



## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ ě.1-4 - FUNKCIE

SELF-CONTAINED BATTERY VERSIONS	
<b>NORMAL MODE 230V MAINS</b>	<b>EMERGENCY BATTERY MODE</b>
<b>+2xLED BOTTOM LEDs ACTIVATION</b>	<b>+ 2xBOTTOM LEDs ACTIVATION</b>
<b>ECO MODE 50% (in 230V mode)</b>	<b>EMERGENCY MODE LEGEND BRIGHTNESS &gt; 200cd/m²</b>
<b>ECO MODE 25% (in 230V mode)</b>	<b>EMERGENCY MODE LEGEND BRIGHTNESS &gt; 200cd/m²</b>
<b>ECO MODE 10% (in 230V mode)</b>	<b>EMERGENCY MODE LEGEND BRIGHTNESS &gt; 200cd/m²</b>
<b>ENERGY SAVING (in emerg.mode)</b>	<b>LEGEND BRIGHTNESS &gt; 2cd/m² JAS PIKTOGRAMU &gt; 2cd/m²</b>
<b>ENERGY SAVING (in emerg.mode)</b>	<b>LEGEND BRIGHTNESS &gt; 2cd/m² JAS PIKTOGRAMU &gt; 2cd/m²</b>
<b>ENERGY SAVING (in emerg.mode)</b>	<b>LEGEND BRIGHTNESS &gt; 2cd/m² JAS PIKTOGRAMU &gt; 2cd/m²</b>
<b>ENERGY SAVING (in emerg.mode)</b>	<b>LEGEND BRIGHTNESS &gt; 2cd/m² JAS PIKTOGRAMU &gt; 2cd/m²</b>
<b>INSTALLATION MODE SET UP</b>	<b>DEFAULT / PREDNASTAVENÉ OFF - ACTIVATED ON - DEACTIVATED</b>
<b>M / NM NON-MAINTAINED / MAINTAINED MODE SET UP</b>	<b>DEFAULT / PREDNASTAVENÉ ON - MAINTAINED OFF - NON-MAINTAINED</b>
<b>AT / ATXL AUTOTEST / CENTRALTEST MODE SET UP</b>	<b>DEFAULT / PREDNASTAVENÉ OFF - AUTOTEST ON - CENRALTEST</b>
<b>NO-AT NO-AUTOTEST MODE SET UP</b>	<b>DEFAULT / PREDNASTAVENÉ OFF - AUTOTEST ACTIVE ON - NO-AUTOTEST</b>

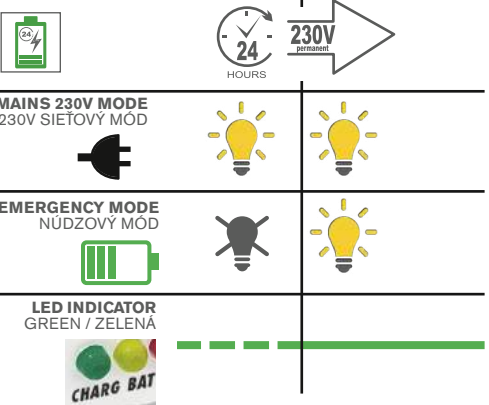
CBS CENTRAL BATTERY VERSIONS	
<b>CBS CENTRAL BATTERY</b>	<b>1 LUX ESCAPE ROUTE APPLICATION</b>
<b>ECO MODE 50%</b>	<b>ECO MODE 25%</b>
<b>ECO MODE 10%</b>	<b>ECO MODE 10%</b>
<b>L1' INPUT</b>	<b>L1' INPUT FUNCT. SET UP</b>
<b>L1' Logic</b>	<b>L1' FUNCT. LOGIC SET UP</b>
<b>FULL POWER</b>	<b>FULL POWER</b>
<b>ONLY FOR CBS VERSIONS</b>	<b>ONLY FOR CBS VERSIONS</b>
<b>ONLY FOR CBS VERSIONS</b>	<b>ONLY FOR CBS VERSIONS</b>

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

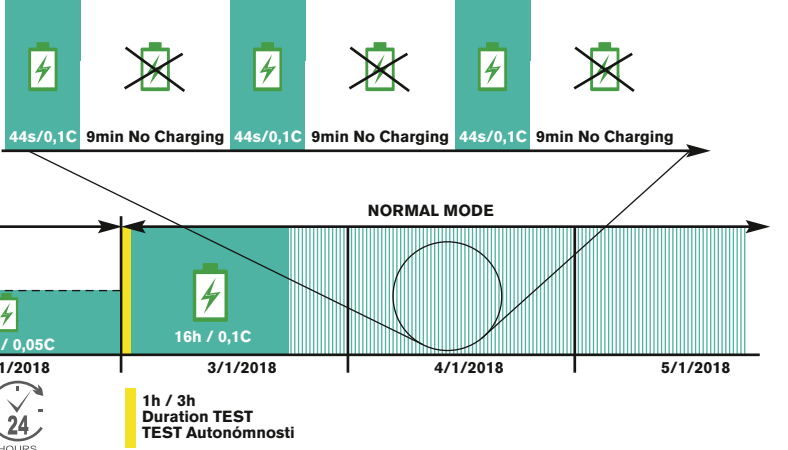
### INSTALLATION MODE INŠTALAČNÝ MÓD

### NORMAL MODE PREVÁDZKOVÝ MÓD



**INSTALLATION MODE** (green LED is blinking)- Immediately after first connection of Mains 230V, charging of battery starts by constant current 0,05C. The emergency mode is not available unless the battery is fully charged. No mains 230V interruption during 24h can occur. If it occurs the installation mode starts again for another 24h time period = **BATTERY PROTECTION** against daily charging-discharging during a building construction period. After constant 24h mains 230V availability the installation mode ends and **DURATION TEST** starts (for 1h or 3h, yellow LED blinking). After duration test the **NORMAL MODE** starts (green LED lights) and the battery is charged by constant current 0,1C for next 16h. After this 16h time period the charging is switched to **INTERMITTEND CHARGING MODE** (44s charging by 0,1C, 9min no charging = **LONGER BATTERY LIFE TIME** - valid only for fixtures equipped with nimh batteries).

**INŠTALAČNÝ MÓD** - po prvom pripojení svietidla k sieti 230V sa začne nabíjanie batérie trvalým prúdom 0,05C. Núdzový mód svietidla nie je možné spustiť pokiaľ sa batéria plne nenabije, čo trvá 24h, počas ktorých nesmie prísť k prerušeniu napájania zo siete. Ak je nabíjanie prerušené počas týchto 24hod, inštalačný mód začína plynúť odznova po ďalšom pripojení 230V znovu na dobu 24hod = **OCHRANA BATÉRIE PRED CYKLICKÝM DENNÝM NABÍJANÍM A VYBIJANÍM** po dobu, kým stavba nie je dokončená. Po neprerušenom 24hod nabíjaní batérie inštalačný mód končí a spustí sa **TEST AUTONÓMNOSTI** (1hod alebo 3hod, žltá LED blíkajú). Po teste autonómnosti sa svietidlo prepne automaticky **DO NORMÁLNEHO REŽIMU** (zelená LED svieti) a batéria je nabíjaná ďalších 16hod trvalým prúdom 0,1C. Po tejto perióde je nabíjanie automaticky prepnuté do **INTERMITTEND MÓDU** (44s nabíjanie prúdom 0,1C a 9min bez nabíjania = **PREDLŽUJE ŽIVOTNOSŤ BATÉRIE** - platné len pre svietidlá s nimh batériou).



**• EFFICIENT LEDs  
>150lm/W**

- Účinné a výkonné LED >150lm/W



All PREMIUM Line emergency lighting fixtures are equipped with the latest MidPower LEDs with the efficiency up to 150lm/W. With the most advanced electronics it makes the fixture high efficient and saves you the operating costs.

Všetky núdzové svietidlá rady PREMIUM sú vybavené MidPower LED s účinnosťou až 150lm/W, čo spolu s pokročilou elektronickou jednotkou robí svietidlo vysoko účinným a znižuje vám prevádzkové náklady.

**• LONGLIFE LEDs  
>100.000h**

- Dlhoživotné LED >100000hod



All PREMIUM Line emergency lighting fixtures are equipped with the latest MidPower LEDs with the lifetime more than 100.000h. Thanks to this the service/maintenance costs are very low.

Všetky núdzové svietidlá rady PREMIUM sú vybavené MidPower LED so životnosťou viac ako 100000hod, čo výrazne znižuje potrebné náklady na servis a údržbu.

**• LONGLIFE BATTERY**

- Dlhoživotná batéria



All PREMIUM Line fixtures are equipped with the LONGLIFE NiMH or LIFEPO4 battery. The battery management is ensured by the most advanced electronics which controls all key parameters for charging and discharging.

It saves you the service/maintenance costs.

Všetky núdzové svietidlá rady PREMIUM sú vybavené dlhživotnou NiMH alebo LIFEPO4 batériou. Jej manažment je zabezpečený pokročilou elektronikou, ktorá riadi a sleduje všetky hlavné funkcie a parametre nabíjania a vybíjania. Vďaka tomu sú náklady na údržbu a servis veľmi nízke.

**• INSTALLATION MODE**

- Inštalčný mód



The installation mode protects the battery after the fixture installation. The emergency mode is blocked until the fixture is connected to the 230V mains min. 24h without any interruption. Thanks to this the frequent battery charging/discharging during the building construction period is eliminated and the battery life time is extended.

Inštalčný mód je ochranná funkcia, ktorá sa spúšťa automaticky po prvom pripojení svietidla k sieti a nedovoľuje spustenie núdzového módu svietidla skôr, ako je svietidlo pripojené k sieti 230V a tým nabíjaná batéria min. 24hod bez prerušenia. To chráni batériu pred cyklickým denným nabíjaním a vybíjaním najmä ak stavba ešte nie je dokončená. Vďaka tejto funkcii je batéria chránená a predlžuje sa jej životnosť.

**• INTELLIGENT CHARGING**

- Inteligentné nabíjanie



All PREMIUM Line fixtures are equipped with advanced INTERMITTENT CHARGING method. Thanks to this the battery lifetime is markedly extended and service and maintenance costs are low (valid only for fixtures equipped with NIMH battery).

Všetky núdzové svietidlá rady PREMIUM sú vybavené pokročilou metódou nabíjania akumulátora - prerušované nabíjanie (INTERMITTENT CHARGING), čím je životnosť batérie výrazne predĺžená a náklady na servis a údržbu sú nízke (platí len pre svietidlá vybavené NIMH batériou).

**• ECO MODE  
10%-100%**

- ECO mód  
10%-100%



The DIP Switch allows you during the fixture installation to preset the different lighting levels for the pictogram illumination during the maintained mode (10%-100%). The illumination of pictogram depends on the ambient light level. If the ambient lighting level is lower then also the fixture power can be lower which allows you to save the energy.

DIP prepínač umožňuje počas inštalácie svietidla prednastaviť požadovú úroveň výkonu pre osvetlenie piktogramu svietidla v normálnom režime na rôzne úrovne (10%-100%) podľa hladiny okolitého osvetlenia. Ak je úroveň okolitého osvetlenia nižšia, tak aj výkon svietidla na osvetlenie piktogramu môže byť nižší a tým sa šetrí elektrická energia.

**• ENERGY SAVING MODE**

- "Energy saving" mód



The DIP Switch allows you to preset during the fixture installation the different light output levels during emergency mode. Either full power to cover 1x area or to reach illumination of the pictogram with a luminance level of 200cd/m<sup>2</sup> if it is required or reduced power to illuminate only the pictogram on the level 2cd/m<sup>2</sup> specified by EN.

Počas inštalácie svietidla umožňuje DIP prepínač prednastaviť požadovaný výkon svietidla v núdzovom režime na rôzne úrovne podľa toho, či je svietidlo určené na osvetlenie únikovej cesty (bez pikto) alebo na dosiahnutie osvetlenia piktogramu na úrovni 200cd/m<sup>2</sup> alebo len pre osvetlenie piktogramu na úrovni 2cd/m<sup>2</sup> podľa EN

**• POWER FACTOR >0.9**

- Power faktor >0,9



All PREMIUM Line emergency lighting fixtures are equipped with the most advanced electronics which achieves the power factor even > 0.9

Všetky núdzové svietidlá rady PREMIUM sú vybavené pokročilou elektronickou jednotkou, ktorá dosahuje úroveň power faktor až >0,9

**• DIP SWITCH**

- DIP SWITCH



The DIP Switch allows during the fixture installation to preset all: different lighting levels in maintained mode (ECO mode), in emergency mode (ENERGY Saving), INSTALLATION mode ON/OFF, the bottom LEDs activation during the maintained mode (only PRIMALUX and TRENDLUX).

DIP prepínač umožňuje nastaviť počas inštalácie svietidla rôzne úrovne výkonu v normálnom režime (ECO mode), v núdzovom režime (ENERGY Saving), aktiváciu INSTALLATION módu, aktiváciu prídavných LED aj v normálnom režime (len pre PRIMALUX a TRENDLUX).



# FEATURES & DIP-SWITCH SET-UP

## EVOLUX2

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 5.7W/6.0VA (CBS)
Protection index	IP40
Viewing distance	28m-39m



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Progresívny svetelný zdroj s perfektnou distribúciou svetla je vybavený dlhoživotnými LED (min 100000 hod) s účinnosťou 150lm/W



Both the mirror-effect >94% reflector shape and body shape ensure perfect lighting characteristics. Thanks to the wide lighting distribution curves you need less SEC emergency lighting fixtures than the standard ones to achieve 1x even emergency lighting illumination level.

Geometria vysokolešteného >94% hliníkového reflektoru a telesa svietidla zaručujú dokonalé svetelno-technické parametre svietidla. Vďaka širokej krivke svietivosti je potrebný menší počet svietidiel pre dosiahnutie rovnomerného osvetlenia v porovnaní s bežnými svietidlami.



Perfect Modern Orientated Shape allowing you to use it in all kind of applications

Perfektný tvar telesa svietidla ho predurčuje k použitiu v moderných interiéroch súčasnosti



Linear Fresnel Lens

Lineárna Fresnelova šošovka

CHARG BAT LED TEST

AUTOTEST/CENTRALTEST  
(only MULTIEVO-AT/ATXL/ATRF):  
Monitor status by 3x LEDs and TEST button

AUTOTEST/CENTRALTEST  
(len MULTIEVO-AT/ATXL/ATRF)  
3x LED pre signalizáciu stavu svietidla  
a TEST tlačítko



ENERGY SAVING  
ECO MODE  
SET UP



2/200  
cd/m<sup>2</sup>

**DIP SWITCH FEATURES No.1-4** **DIP PREPÍNAČ č.1-4 - FUNKCIE**  
**SELF-CONTAINED BATTERY VERSIONS**

**NORMAL MODE**  
230V MAINS

**EMERGENCY MODE**  
BATTERY

<b>1 LUX ESCAPE ROUTE APPLICATION</b>	<b>1 LUX ESCAPE ROUTE APPLICATION</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>NO LEGEND / BEZ PIKTOGRAMU</b> ESCAPE ROUTE ILLUMINATION
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>DEFAULT SETT./ PREDNASTAVENÉ</b> Full Power for ESCAPE SIGN Applicaton BRIGHTNESS > 200cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 50% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 25% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 10% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> ECO MODE 50% (in 230V mode) LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> ECO MODE 25% (in 230V mode) LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> ECO MODE 10% (in 230V mode) LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>



M /  
NM

AT /  
ATXL

NO  
AT

**DIP SWITCH FEATURES No.5-8** **DIP PREPÍNAČ č.5-8 - FUNKCIE**

	<b>INSTALLATION MODE SET UP</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>DEFAULT SETTING / PREDNASTAVENÉ</b> OFF - ACTIVATED ON - DEACTIVATED
M / NM	<b>NON-MAINTAINED / MAINTAINED MODE SET UP</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>DEFAULT SETTING / PREDNASTAVENÉ</b> ON - MAINTAINED OFF - NON-MAINTAINED
AT / ATXL	<b>AUTOTEST / CENTRALTEST MODE SET UP</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>DEFAULT SETTING / PREDNASTAVENÉ</b> OFF - AUTOTEST ON - CENTRALTEST
NO AT	<b>NO-AUTOTEST MODE SET UP</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>DEFAULT / PREDNASTAVENÉ</b> OFF - AUTOTEST ACTIVE ON - NO-AUTOTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

**DIP SWITCH FEATURES No.2-3** **DIP PREPÍNAČ č.2-3 - FUNKCIE**  
**CBS CENTRAL BATTERY VERSIONS**

<b>1 LUX ESCAPE ROUTE APPLICATION</b>	<b>1 LUX ESCAPE ROUTE APPLICATION</b>	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>FULL POWER</b> PLNÝ VÝKON
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>FULL POWER</b> LEGEND BRIGHTNESS > 200cd/m <sup>2</sup> JAS PIKTOGRAMU > 200cd/m <sup>2</sup>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 50%</b>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 25%</b>
		ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3 4 5 6 7 8	<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

CHARG BAT TUBE TEST  
Yellow LED Blinking = TEST mode

There are in total 5 cable entries: 4 side ones  
around the body and 1 from the back side.

Na telese svietidla sa nachádzajú 4x  
prechodky po obvode svietidla a 1x zo zadnej  
strany telesa svietidla.

## FEATURES

# EVOLUX2

An elegant design, high efficiency and a pictogram viewing distance range up to 39m - these are the outer features of EVOLUX2 emergency lighting fixture type series. Combined with the qualities of an innovative LED light source - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Elegantný design, vysoká účinnosť a rozpoznateľnosť piktogramu až 39m - to sú extra vlastnosti typovej rady EVOLUX2. V kombinácii s kvalitami inovatívneho LED svetelného zdroja - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. EVOLUX2 dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M)
	2.0W/3.9VA (non-maintained NM)
	5.7W/6.0VA (CBS)
Protection index	IP40
Viewing distance	28m-39m



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h



### C.EVOLUX2-P LED MULTIEVO2-P-AT LED

brightens escape routes at every step and turn

Wall or ceiling mounting LED emergency luminaire for escape route lighting in accordance with EN1838  
Maximum luminaire spacing: up to 14,8m>1lx

LED núdzové svietidlo pre montáž na stenu alebo strop pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel: až 14,8m>1lx



### C.EVOLUX2-P LED (with ISO7010 pictogram in AL frame) MULTIEVO2-P-AT LED (with ISO7010 pictogram in AL frame)

escape sign luminaire

LED AL frame legend escape sign emergency luminaire in accordance with EN1838  
Legend luminance: >500cd/m<sup>2</sup> (white)  
Viewing distance: 28m

LED núdzové svietidlo s piktogramom v AL rámičku (v súlade s EN1838)  
Jas piktogramu: >500cd/m<sup>2</sup> (biela)  
Rozoznateľnosť piktogramu: 28m



### C.EVOLUX2-P LED (with self-adhesive picto) MULTIEVO2-P-AT LED (with self-adhesive picto)

escape sign luminaire

LED escape sign emergency luminaire in accordance with EN1838 (self-adhesive pictogram)  
Legend luminance: >500cd/m<sup>2</sup> (white)  
Viewing distance: 39m

LED núdzové svietidlo so samolepiacim piktogramom (v súlade s EN1838)  
Jas piktogramu: >500cd/m<sup>2</sup> (biela)  
Rozoznateľnosť piktogramu: 39m



**C.EVOLUX2-V LED  
MULTIEVO2-V-AT LED**  
escape route anti-panic lighting

Recessed mounting LED emergency anti-panic luminaire in accordance with EN1838  
Maximum luminaire 1lx spacing: up to 14,8m>1lx  
LED núdzové svietidlo pre montáž do stropu pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel na 1lx: až 14,8m>1lx



**C.EVOLUX2-PP LED  
MULTIEVO2-PP-AT LED**  
escape sign & escape route anti-panic lighting

Ceiling mounting LED emergency anti-panic luminaire in combination with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m  
Maximum luminaire 1lx spacing: up to 14,8m>1lx  
LED núdzové svietidlo pre montáž na strop v kombinácii so závesným plexi s piktogramom pre osvetlenie únikovej cesty v súlade s EN1838  
Rozoznatelnosť piktogramu: 34m  
Maximálny rozostup svietidiel na 1lx: až 14,8m>1lx



**C.EVOLUX2-PP LED  
MULTIEVO2-PP-AT LED**  
escape sign with AL frame

Ceiling mounting LED emergency escape sign luminaire with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m  
LED núdzové svietidlo pre montáž na strop so závesným plexi s piktogramom súlade s EN1838  
Rozoznatelnosť piktogramu: 34m



**C.EVOLUX2-VP LED  
MULTIEVO2-VP-AT LED**  
escape sign & escape route anti-panic lighting

Recessed mounting LED emergency anti-panic luminaire in combination with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m  
Maximum luminaire 1lx spacing: up to 14,8m>1lx  
LED núdzové svietidlo pre montáž do stropu v kombinácii so závesným plexi s piktogramom pre osvetlenie únikovej cesty v súlade s EN1838  
Rozoznatelnosť piktogramu: 34m  
Maximálny rozostup svietidiel na 1lx: až 14,8m>1lx

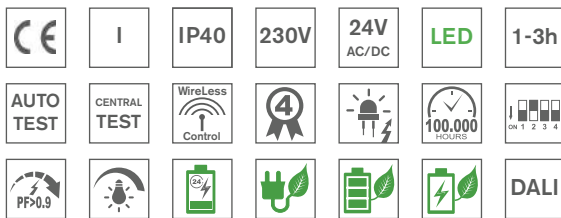


**C.EVOLUX2-VP LED  
MULTIEVO2-VP-AT LED**  
escape sign with AL frame

Recessed mounting LED emergency escape sign luminaire with suspended plexi with pictogram in accordance with EN1838  
Viewing distance: 34m  
LED núdzové svietidlo pre zapustenú montáž do stropu so závesným plexi s piktogramom súlade s EN1838  
Rozoznatelnosť piktogramu: 34m

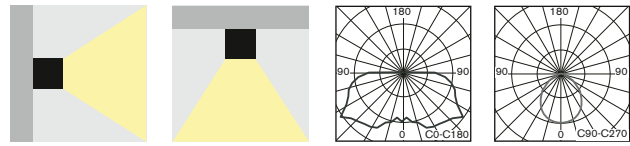
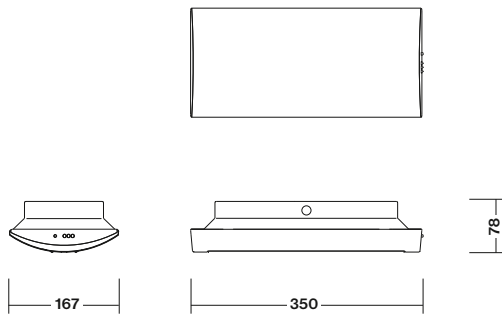


# SURFACE WALL OR CEILING EVOLUX2-P



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



- Euisite design surface mounted powerful LED fixture with perfect light distribution for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.36)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

- Elegantné výkonné LED núdzové svietidl s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT) alebo **DALI**,
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.36)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC

#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.50-51)
- **Intelligent battery charging** (intermittent charging, look up page No.50-51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.50-51)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 551)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures + TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalovaný mód** (ochrana batérie, pozri aj str.50-51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.50-51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.50-51)
  - **ENERGY Saving Mód** (osvetlenie picto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

#### OPTIONAL ACCESSORIES

#### PRÍPLATKY

- Pictograms / Legends (look up page No.58)
- Wall or ceiling mounting brackets (look up page No.58)
- Protective steel cage (look up page No.58)
- samolepiace alebo fóliové piktogramy s AL rámkom (pozri str.58)
- nástenná, stropná alebo stropná závesná konzola (pozri str.58)
- ochranný kovový kôš (pozri str.58)



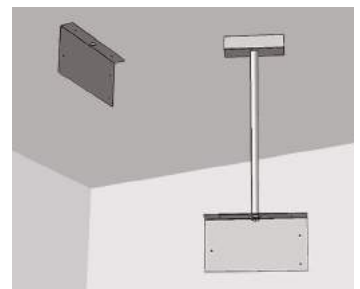
Most Advanced Twin "V" shaped LED light source for perfect light distribution  
Progressívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional AL Frame with + Foil Legends  
Príplatkový AL rámik s piktogramom (look up also page No.58)



Optional Self-adhesive Legends  
Príplatkové samolepiace piktogramy (look up also page No.58)



Optional Brackets and Protective Cage  
Príplatková kozoly a ochranná mreža (look up also page No.58)

Shopping area emergency lighting application



Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-AT.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-001-04-00-00	1,5 kg
MULTIEVO2-P-AT.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-002-04-00-00	1,6 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-DALI.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-008-04-00-00	1,7 kg
MULTIEVO2-P-DALI.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-010-04-00-00	1,7 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-ATXL.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-003-04-00-00	1,6 kg
MULTIEVO2-P-ATXL.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-004-04-00-00	1,7 kg

Page No.38

**CENTRALTEST -ATRF ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-P-ATRF.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-011-04-00-00	1,6 kg
MULTIEVO2-P-ATRF.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-009-04-00-00	1,7 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P DALI 230V AC	DALI CBS	LED	650 lm	290-B-012-00-00-00	1,2 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P 230V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-006-00-00-00	1,2 kg
C.EVOLUX2-P 24V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-007-00-00-00	1,2 kg

Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	760 lm	290-B-005-00-00-00	1,2 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx



# ACCESSORIES EVOLUX2-P



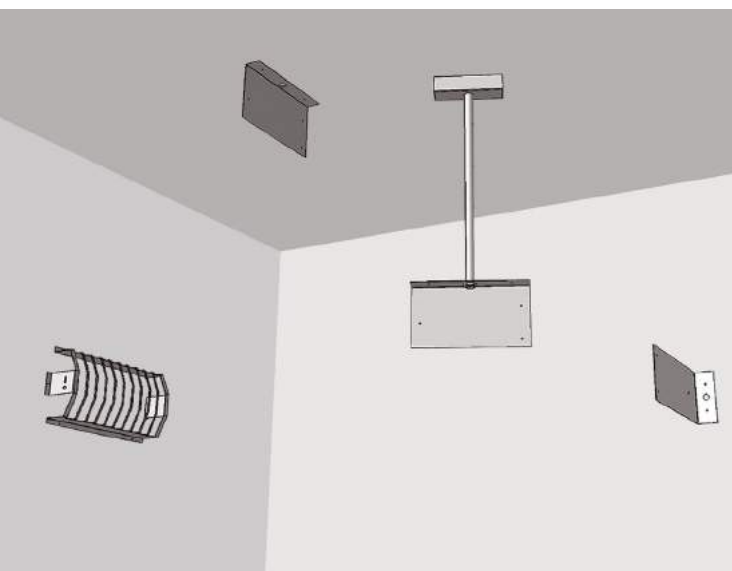
- Foil based legend + AL cover frame (click system) complying ISO7010
- Viewing Distance: 28m
- Legend luminance > 500cd/m<sup>2</sup> (white)
- fóliový piktogram + krycí AL rámik („klik“ systém) v súlade s ISO7010
- rozoznatelnosť piktogramu: 28m
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil picto „H“+AL Frame / pikto fólia „H“+rámik	102-B-00-52-01
Foil picto „I“+AL Frame / pikto fólia „I“+rámik	102-B-00-48-01
Foil picto „J“+AL Frame / pikto fólia „J“+rámik	102-B-00-50-01
Foil picto „K“+AL Frame / pikto fólia „K“+rámik	102-B-00-55-01
Foil picto „L“+AL Frame / pikto fólia „L“+rámik	102-B-00-56-01
Foil picto „M“+AL Frame / pikto fólia „M“+rámik	102-B-00-53-01
Foil picto „N“+AL Frame / pikto fólia „N“+rámik	102-B-00-54-01
Foil picto „O“+AL Frame / pikto fólia „O“+rámik	102-B-00-59-01
Foil picto „Z1“+AL Frame / pikto fólia „Z1“+rámik	102-B-00-70-00
Foil picto „Z2“+AL Frame / pikto fólia „Z2“+rámik	102-B-00-71-00



- Self-adhesive legend complying ISO7010
- Viewing Distance 39m
- Legend luminance > 500cd/m<sup>2</sup> (white)
- samolepiaci piktogram v súlade s ISO7010
- rozoznatelnosť piktogramu 39m
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / objednávaci kód
Self-adhesive „H“ / samolepiaci piktogram „H“	V-102-SAM-01-00-04
Self-adhesive „I“ / samolepiaci piktogram „I“	V-102-SAM-01-00-05
Self-adhesive „J“ / samolepiaci piktogram „J“	V-102-SAM-01-00-06
Self-adhesive „O“ / samolepiaci piktogram „O“	V-102-SAM-01-00-92
Self-adhesive „Z1“ / samolepiaci piktogram „Z1“	V-102-SAM-01-00-136
Self-adhesive „Z2“ / samolepiaci piktogram „Z2“	V-102-SAM-01-00-36



### Options:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

### Príplatky:

- nástenná / stropná / závesná konzola
- ochranný kôš

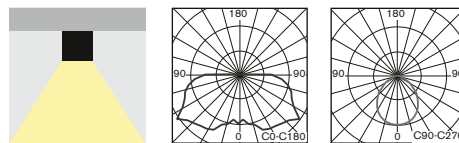
Optional Item / Príplatok	Order Code / objednávaci kód
Wall mounting bracket / nástenná konzola	102-B-01-09-01
Ceiling mounting bracket / stropná konzola	102-B-01-08-01
Pendant bracket 0,5m / závesná konzola 0,5m	102-B-28-02-00
Pendant bracket 1,0m / závesná konzola 1,0m	102-B-28-03-00
Pendant bracket 1,5m / závesná konzola 1,5m	102-B-28-04-00
Protective steel cage / ochranný kôš	102-B-00-29-00

Shopping area emergency lighting application





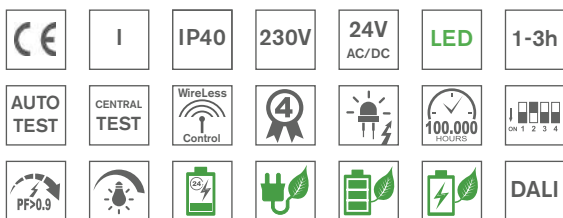
# CEILING MOUNTING READY FOR SUSPENDED LEGEND EVOLUX2-PP



- Equisite design surface mounted powerful LED fixture with perfect light distribution ready for suspended plexi legend
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.36)
  - **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (page 44)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up page No. 40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

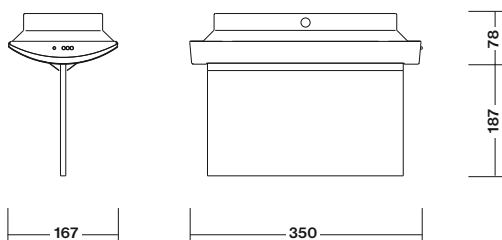
- Elegánntné výkonné LED núdzové svietidlo s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.36)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str. 44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.50-51)
- **Intelligent battery charging** (intermittent charging, look up page No.50-51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.50-51)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures & TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.50-51)
- **Intelligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.50-51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.50-51)
  - **ENERGY Saving Mód** (osvetlenie piko na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

#### OPTIONAL ACCESSORIES

#### PRÍPLATKY

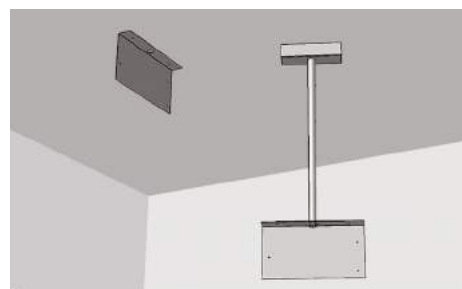
- Suspended plexi with double sided or single sided legends (look up page No.64)
- Suspended mounting ceiling brackets (look up page No.64)
- AL cover frame for light beam direction to the plexi with legend (look up page No.64)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.64)
- stropná závesná konzola (pozri str.64)
- hliníkový rámik pre nasmerovanie svetla len do plexi hrany (pozri str.64)



Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency  
Progressívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional Suspended Plexi Legends and AL Frame  
Príplatkové závesné plexi s piktogramom a AL rámik (look up also page No.64)



Optional Brackets  
Príplatkové konzoly (look up also page No.64)



CEILING MOUNTING READY FOR SUSPENDED LEGEND  
**EVOLUX2-PP**

Shopping area emergency lighting application



Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-AT.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-100-04-00-00	1,5 kg
MULTIEVO2-PP-AT.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-101-04-00-00	1,6 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-DALI.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-108-04-00-00	1,7 kg
MULTIEVO2-PP-DALI.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-109-04-00-00	1,7 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-ATXL.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-102-04-00-00	1,6 kg
MULTIEVO2-PP-ATXL.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-103-04-00-00	1,7 kg

Page No.38

**CENTRALTEST -ATRF ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-PP-ATRF.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-110-04-00-00	1,6 kg
MULTIEVO2-PP-ATRF.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-111-04-00-00	1,7 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-P DALI 230V AC	DALI CBS	LED	650 lm	290-B-105-00-00-00	1,2 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-PP 230V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-106-00-00-00	1,2 kg
C.EVOLUX2-PP 24V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-107-00-00-00	1,2 kg

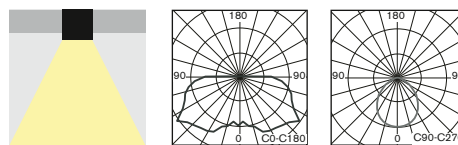
Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-PP-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	760 lm	290-B-104-00-00-00	1,2 kg

Look up pages No. 210-217 for 1lx Spacing tables  
 Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

# RECESSED MOUNTING READY FOR SUSPENDED LEGEND EVOLUX2-VP



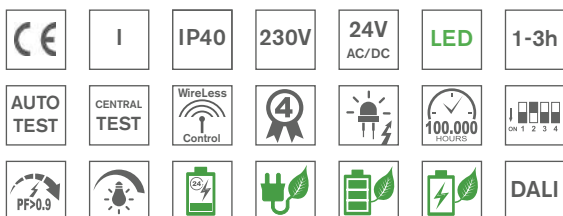
- Equisite design recessed mounted powerful LED fixture with perfect light distribution ready for suspended plexi legend
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up also page 36)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (page 44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

- Elegánntné výkonné LED núdzové svietidlo s perfektnou distribúciou svetla pre trvalé/netrvané (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

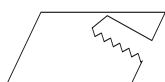
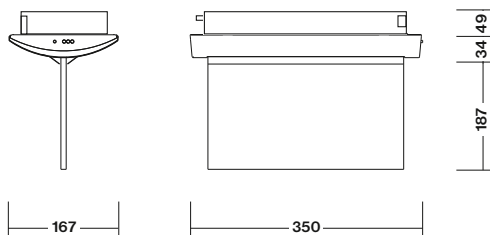
- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.36)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str. 44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z eloxovaného hliníku a svetelno-činný kryt z nerozbitného PC



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



Recessed hole size 319x123mm  
Rozmer montážneho otvoru 319x123mm

#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.50-51)
- **Intelligent battery charging** (intermittent charging, look up page No.50-51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.50-51)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures & TEST button
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalacný mód** (ochrana batérie, pozri aj str.50-51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.50-51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.50-51)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

#### OPTIONAL ACCESSORIES

#### PRÍPLATKY

- Suspended plexi with double sided or single sided legends (look up page No.64)
- Suspended mounting ceiling brackets (look up page No.64)
- AL cover frame for light beam direction to the plexi with legend (look up page No.64)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.64)
- stropná závesná konzola (pozri str.64)
- hliníkový rámik pre nasmerovanie svetla len do plexi hrany (pozri str.64)



Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency  
Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



Optional Suspended Plexi with Legends  
Príplatkové závesné plexi s piktogramom (look up also page No.64)



Optional AL cover  
Príplatkový hliníkový kryt (look up also page No.64)



RECESSED MOUNTING READY FOR SUSPENDED LEGEND  
**EVOLUX2-VP**

Shopping area emergency lighting application



Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-AT.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-300-04-00-00	1,5 kg
MULTIEVO2-VP-AT.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-301-04-00-00	1,6 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-DALI.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-308-04-00-00	1,5 kg
MULTIEVO2-VP-DALI.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-309-04-00-00	1,5 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-ATXL.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-302-04-00-00	1,6 kg
MULTIEVO2-VP-ATXL.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-303-04-00-00	1,7 kg

Page No.38

**CENTRALTEST -ATRF ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-VP-ATRF.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-310-04-00-00	1,6 kg
MULTIEVO2-VP-ATRF.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-311-04-00-00	1,7 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-VP DALI 230V AC	DALI CBS	LED	650 lm	290-B-305-00-00-00	1,2 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-VP 230V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-306-00-00-00	1,2 kg
C.EVOLUX2-VP 24V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-307-00-00-00	1,2 kg

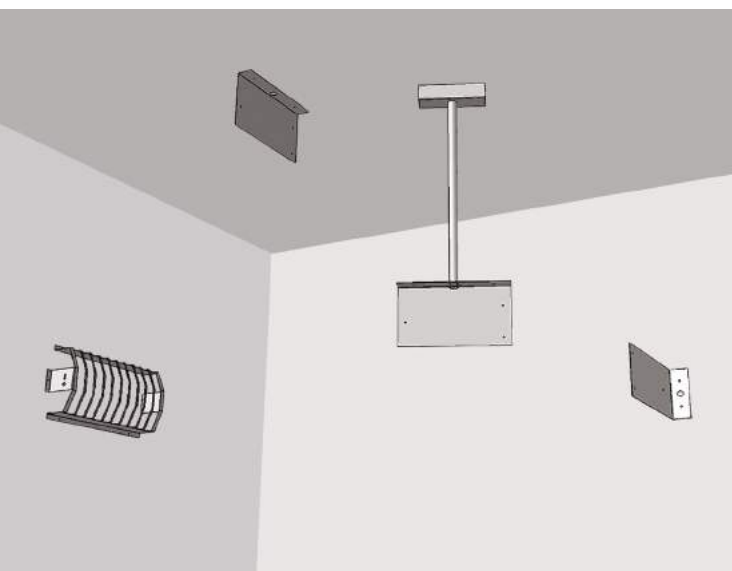
Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-VP-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	760 lm	290-B-304-00-00-00	1,2 kg

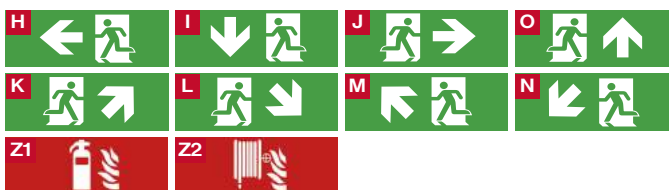
Look up pages No. 210-217 for 1x Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1x





- Suspended plexi with single or double sided legend complying ISO7010
- Viewing Distance: 34m
- AL cover frame for light beam direction to the plexi with legend
- závesné plexi s jednostranným alebo obojstranným piktogramom podľa ISO7010
- rozoznatelnosť piktogramu: 34m
- hliníkový krycí rámik pre nasmerovanie svetla len do plexi hrany

Optional Item / Příplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	102-B-08-11-01
Suspended plexi I doublesided / obojstranné	102-B-08-10-01
Suspended plexi H singlesided / jednostranné	102-B-08-50-00
Suspended plexi I singlesided / jednostranné	102-B-08-51-00
Suspended plexi J singlesided / jednostranné	102-B-08-52-00
Suspended plexi O singlesided / jednostranné	102-B-08-49-00
Suspended plexi O doublesided / obojstranné	102-B-08-47-00
Suspended plexi K/M doublesided / obojstranné	102-B-08-41-01
Suspended plexi L/N doublesided / obojstranné	102-B-08-42-01
Suspended plexi K singlesided / jednostranné	102-B-08-53-00
Suspended plexi L singlesided / jednostranné	102-B-08-54-00
Suspended plexi M singlesided / jednostranné	102-B-08-55-00
Suspended plexi N singlesided / jednostranné	102-B-08-56-00
Suspended plexi Z1 singlesided / jednostranné	102-B-00-57-00
Suspended plexi Z1 doublesided / obojstranné	102-B-00-58-00
Suspended plexi Z2 singlesided / jednostranné	102-B-00-59-00
Suspended plexi Z2 doublesided / obojstranné	102-B-00-60-00
AL cover frame / krycí rámik	102-B-00-27-00

**Options:**

- Wall /Pendant mounting bracket

**Příplatky:**

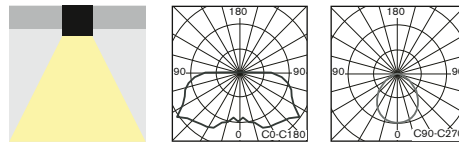
- nástenná / závesná konzola

Optional Item Příplatok	Order Code Objednávaci kód
Wall mounting bracket / nástenná konzola RAL9003	102-B-01-09-01
Ceiling mounting bracket / stropná konzola RAL9003	102-B-01-08-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9003	102-B-28-02-00
Pendant bracket 0,7m / závesná konzola 0,7m RAL9003	102-B-28-05-00
Pendant bracket 0,7m / závesná konzola 0,7m RAL9006	102-B-28-05-01
Pendant bracket 0,75m / závesná konzola 0,75m RAL9006	102-B-28-08-00
Pendant bracket 1,0m / závesná konzola 1,0m RAL9003	102-B-28-03-00
Pendant bracket 1,5m / závesná konzola 1,5m RAL9003	102-B-28-04-00
Pendant bracket 2,25m /závesná konzola 2,25m RAL9003	102-B-28-07-00
Pendant bracket 2,75m /závesná konzola 2,75m RAL9006	102-B-28-11-00
Pendant bracket 3m /závesná konzola 3m RAL9006	102-B-28-10-00
Pendant bracket 3,5m /závesná konzola 3,5m RAL9006	102-B-28-12-00

Shopping area emergency lighting application



# RECESSED MOUNTING EVOLUX2-V



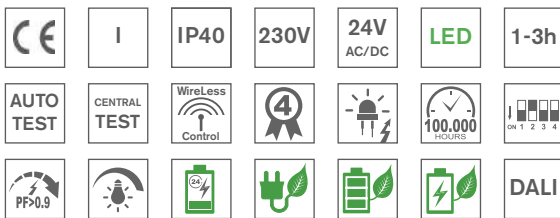
- Equisite design recessed mounted powerful LED fixture with perfect light distribution
- Designed for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up page No.36)
- **Wireless CENTRALTEST** (-ATRF) for ELMAX-ATRF system (page No.38)
- **CENTRAL BATTERY** (C.EVOLUX2) for **non-addressable CBS** (page 44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Anodized AL base
  - PC impact resistant diffuser

- Elegánntné výkonné LED núdzové svietidlo s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

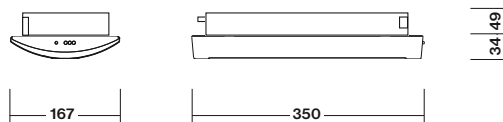
- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-ATRF systém (str.38)
- **CENTRAL BATTERY** (C.EVOLUX2) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str.40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z eloxovaného hliníku
  - svetelno-činný kryt z nerozbitného PC



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



Recessed hole size 319x123mm  
Rozmer montážneho otvoru 319x123mm

Most Advanced Twin "V" shaped LED light source for perfect light distribution and high efficiency

Progresívny svetelný zdroj s usporiadaním LED do tvaru "V" s perfektnou distribúciou svetla a vysokou účinnosťou



#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.50-51)
- **Intelligent battery charging** (intermittent charging, look up page No.50-51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.50-51)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page No.50-51)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating both presence of power supply and signaling failures
- TEST button

- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.50-51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.50-51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, for more details look up page No.50-51)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.50-51)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko





Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-AT.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-200-04-00-00	1,5 kg
MULTIEVO2-V-AT.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-201-04-00-00	1,6 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-DALI.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-208-04-00-00	1,5 kg
MULTIEVO2-V-DALI.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-209-04-00-00	1,5 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-ATXL.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-202-04-00-00	1,6 kg
MULTIEVO2-V-ATXL.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-203-04-00-00	1,7 kg

Page No.38

**CENTRALTEST -ATRF ELMAX-WIRELESS**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEVO2-V-ATRF.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	290-B-210-04-00-00	1,6 kg
MULTIEVO2-V-ATRF.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	290-B-211-04-00-00	1,7 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-V DALI 230V AC	DALI CBS	LED	650 lm	290-B-205-04-00-00	1,2 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-V 230V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-206-00-00-00	1,2 kg
C.EVOLUX2-V 24V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	290-B-207-00-00-00	1,2 kg

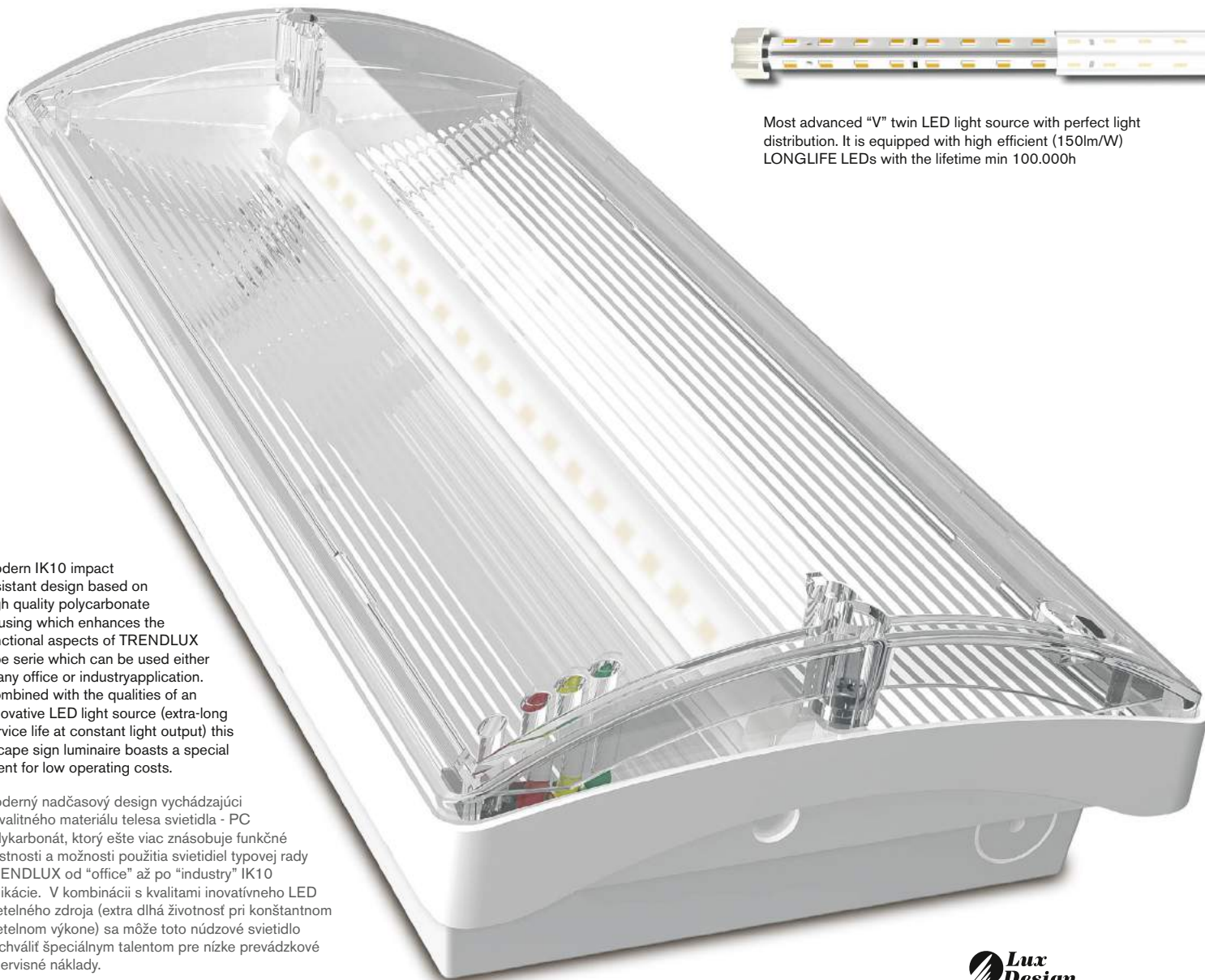
Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXPR ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.EVOLUX2-V-ATXPR 230V AC/DC	ATXPR CBS ADDRESSABLE	LED	760 lm	290-B-204-00-00-00	1,2 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

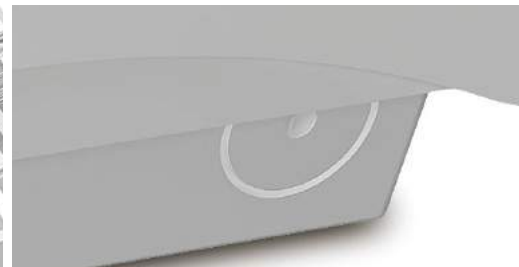
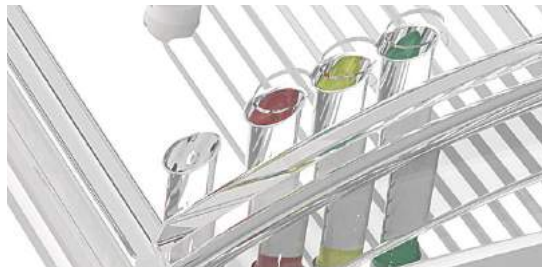
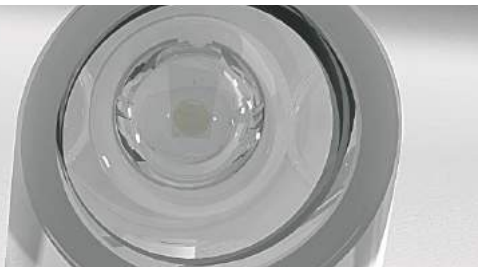
# DESIGN FEATURES TRENDLUX2



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Modern IK10 impact resistant design based on high quality polycarbonate housing which enhances the functional aspects of TRENDLUX type serie which can be used either in any office or industry application. Combined with the qualities of an innovative LED light source (extra-long service life at constant light output) this escape sign luminaire boasts a special talent for low operating costs.

Moderný nadčasový design vychádzajúci z kvalitného materiálu telesa svietidla - PC polykarbonát, ktorý ešte viac znásobuje funkčné vlastnosti a možnosti použitia svietidiel typovej rady TRENDLUX od "office" až po "industry" IK10 aplikácie. V kombinácii s kvalitami inovatívneho LED svetelného zdroja (extra dlhá životnosť pri konštantnom svetelnom výkone) sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady.



Additional 2pcs of Power LEDs which arrange perfect light distribution downward in order to get more light on the floor for wall mounting version. Or in case of legend on the diffuser the additional LEDs will arrange enough light level on the floor below the fixture.

Prídavné 2 výkonné LED, ktoré zabezpečujú výkonné osvetlenie podlahy v prípade montáže na stenu, čo môže byť s výhodou použité aj v kombinácii s piktogramom. Tri LED nasvietia piktogram, spodné 2 LED zabezpečia nasvietenie únikovej cesty na dosiahnutie 1lx.

**AUTOTEST/CENTRALTEST**  
Monitor status by 3x LEDs  
and TEST button

**AUTOTEST/CENTRALTEST**  
3x LED pre signalizáciu stavu  
svietidla a TEST tlačítko

There are in total 6 cable entries:  
4 side ones around the body  
and 2 from the back side.

Na telesa svietidla sa nachádzajú 4 prechodky  
po obvode svietidla a 2 zo zadnej  
strany telesa svietidla.

# DESIGN FEATURES TRENDLUX2



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65 IK10
Housing material	Impact resistant polycarbonate
Viewing distance	35m
Application	Escape route lighting
Max luminaire spacing	up to <b>12,7m &gt; 1lx</b>



**ENERGY SAVING  
ECO MODE  
SET UP**



**2/200  
cd/m<sup>2</sup>**

**NO  
AT**

## DIP SWITCH FEATURES No.1-8 / DIP PŘEPÍNAČ č.1-8 - FUNKCIE

### SELF-CONTAINED BATTERY VERSIONS

#### NORMAL MODE 230V MAINS

#### EMERGENCY BATTERY MODE

**+2xLED  
BOTTOM LEDs  
ACTIVATION**



**+2xBOTTOM LEDs ACTIVATION in 230V**  
ON - ACTIVATED  
OFF - DEACTIVATED



**DEFAULT SETT./ PREDNASTAVENÉ**  
Full Power



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



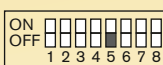
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



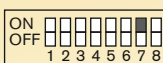
**INSTALLATION  
MODE  
SET UP**



**DEFAULT / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED



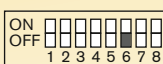
**M /  
NM**  
NON-MAINTAINED /  
MAINTAINED  
MODE  
SET UP



**DEFAULT / PREDNASTAVENÉ**  
ON - MAINTAINED  
OFF - NON-MAINTAINED



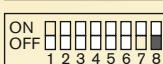
**AT /  
ATXL**  
AUTOTEST /  
CENTRALTEST  
MODE  
SET UP



**DEFAULT / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST



**NO  
AT**  
NO-AUTOTEST  
MODE  
SET UP



**DEFAULT / PREDNASTAVENÉ**  
OFF - AUTOTEST ACTIVE  
ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS

#### CBS CENTRAL BATTERY

**1 LUX  
ESCAPE ROUTE  
APPLICATION**



**FULL POWER**  
PLNY VÝKON



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



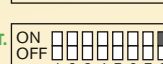
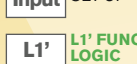
**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDs CONTROL  
OFF - DIMMING



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**L1'  
Input** INPUT L1'  
FUNCT.  
SET UP

**L1'  
Logic** L1' FUNCT.  
LOGIC  
SET UP

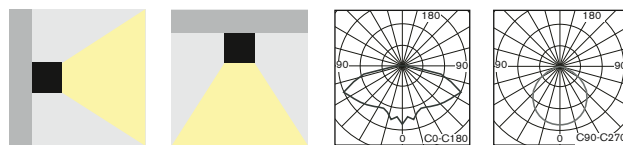
**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny



# WALL OR CEILING MOUNTING TRENDLUX2

← → 35m



• **Impact resistant** surface or semi-recessed mounted powerful LED fixture with perfect light distribution for all non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **CENTRAL BATTERY** (C.TRENDLUX) for **non-addressable CBS** (page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Mirror effect AL reflector & PC impact resistant body

• **Mechanicky odolné IK10** výkonné LED núdzové svietidlo s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **CENTRAL BATTERY** (C.TRENDLUX) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: vysokoleštený AL reflektor a teleso z nerozbitného PC

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.50+69)
- **Intelligent battery charging** (intermittent charging, look up page No.50+69)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.50+69)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 50+69)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.50+69)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.50+69)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.50+69)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.50+69)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.50+69)
- ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

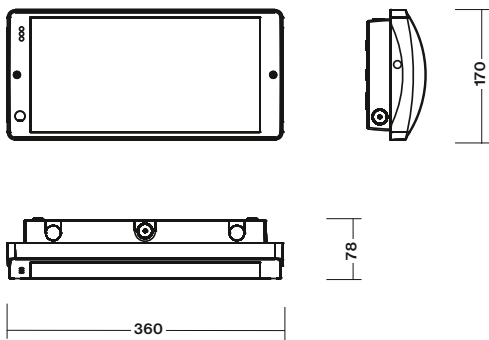
## PRÍPLATKY

- Non-adhesive legends & Mounting brackets (look up page No.72)
- fóliové piktogramy a montážne konzoly (pozri str.72)



### Input Power:

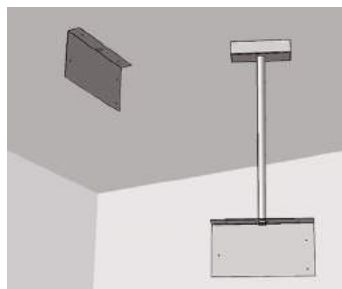
- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,3W/ 6,5VA (CBS)



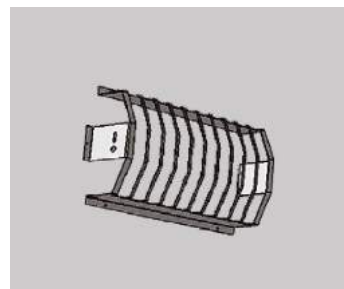
Optional Foil Legends  
Príplatkový piktogram  
(look up also page No.72)



Optional Semi-recessed accessories  
Príplat.prísluš. pre polozapust. montáž  
(look up also page No.72)



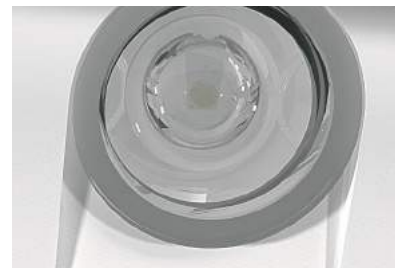
Optional Brackets  
Príplatkové konzoly  
(look up also page No.72)



Optional Protective Cage  
Príplatková ochranná mreža  
(look up also page No.72)



## WALL OR CEILING MOUNTING TRENDLUX2



All "+2xLED" version are equipped with 2 additional Power LEDs which arrange perfect light distribution downward in order to get more light on the floor for wall mounting version. Or in case of legend on the diffuser the additional LEDs will arrange enough light level on the floor below the fixture.

Všetky "+2xLED" verzie sú vybavené 2 prídavnými výkonnými LED, ktoré zabezpečujú osvetlenie podlahy v prípade montáže svietidla na stenu (napr nad dvere), čo môže byť s výhodou použité aj v kombinácii s piktoqramom. Hlavné LED nasvietia piktoqram (smer únikovej cesty), spodné 2 LED zabezpečia nasvietenie únikovej cesty na dosiahnutie 1lx.

Page No.32

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-AT.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-300-04-00-00	1,6 kg
MULTITREND2-AT.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-301-04-00-00	1,6 kg
MULTITREND2-AT+2xLED.1h	NM/M	1h	LED	430+110 lm / 310+110 lm	LiFePo4 6,4V/1,0Ah	277-B-302-04-00-00	1,7 kg
MULTITREND2-AT+2xLED.3h	NM/M	3h	LED	430+110 lm / 310+110 lm	LiFePo4 6,4V/2,0Ah	277-B-303-04-00-00	1,8 kg

### DALI Self-Contained

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-DALI.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-309-04-00-00	1,7 kg

Page No.36

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-ATXL.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-304-04-00-00	1,6 kg
MULTITREND2-ATXL.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-305-04-00-00	1,7 kg
MULTITREND2-ATXL+2xLED.1h	NM/M	1h	LED	430+110 lm / 190+110 lm	LiFePo4 6,4V/1,0Ah	277-B-306-04-00-00	1,7 kg
MULTITREND2-ATXL+2xLED.3h	NM/M	3h	LED	430+110 lm / 190+110 lm	LiFePo4 6,4V/2,0Ah	277-B-307-04-00-00	1,9 kg

Page No.38

### Wireless CENTRALTEST ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-ATRF.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-316-04-00-00	1,7 kg
MULTITREND2-ATRF.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-317-04-00-00	1,8 kg
MULTITREND2-ATRF+2xLED.1h	NM/M	1h	LED	430+110 lm / 310+110 lm	LiFePo4 6,4V/1,0Ah	277-B-318-04-00-00	1,8 kg
MULTITREND2-ATRF+2xLED.3h	NM/M	3h	LED	430+110 lm / 310+110 lm	LiFePo4 6,4V/2,0Ah	277-B-319-04-00-00	1,9 kg

### DALI CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-DALI 230V AC	DALI CBS	LED	650 lm	277-B-322-00-00-00	1,3 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2/230V AC/DC	CBS NON-ADDRESSABLE	LED	540 lm	277-B-312-00-00-00	1,3 kg
C.TRENDLUX2/24V AC/DC	CBS NON-ADDRESSABLE	LED	540 lm	277-B-313-00-00-00	1,3 kg
C.TRENDLUX2+2xLED/230V AC/DC	CBS NON-ADDRESSABLE	LED	540+110 lm	277-B-314-00-00-00	1,4 kg
C.TRENDLUX2+2xLED/24V AC/DC	CBS NON-ADDRESSABLE	LED	540+110 lm	277-B-315-00-00-00	1,4 kg

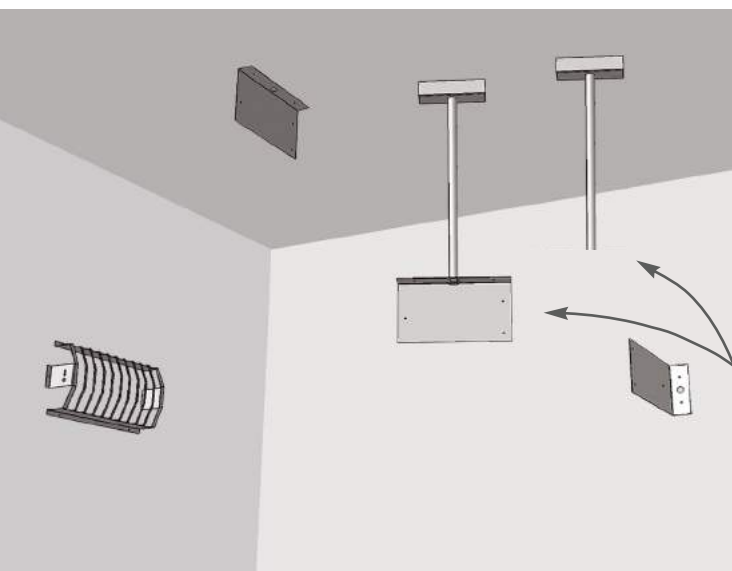
Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-ATXPR/230V AC/DC	ATXP CBS ADDRESSABLE	LED	540 lm	277-B-308-00-00	1,3 kg
C.TRENDLUX2-ATXPR+2LED/230V AC/DC	ATXP CBS ADDRESSABLE	LED	540+110 lm	277-B-310-00-00	1,5 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx

# ACCESSORIES TRENDLUX2



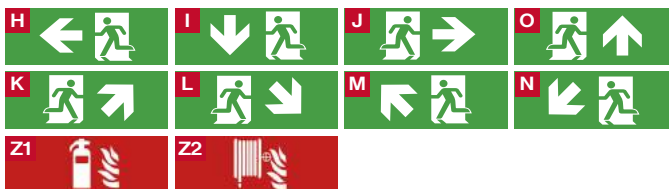
### Options:

- Foil legend legend ISO7010 (must be ordered separately, order codes below)
- Viewing Distance: 35m
- Legend luminance >500cd/m<sup>2</sup> (white)

### Príplatky:

- foliový piktogram podľa ISO7010 (musíte objednať samostatne-vid obj.kódy nižšie)
- rozoznatelnosť piktogramu: 35m
- jas piktogramu >500cd/m<sup>2</sup> (white)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil legend "H" / pikto fólia typ "H"	277-B-103-01-00
Foil legend "I" / pikto fólia typ "I"	277-B-104-01-00
Foil legend "J" / pikto fólia typ "J"	277-B-105-01-00
Foil legend "K" / pikto fólia typ "K"	277-B-107-01-00
Foil legend "L" / pikto fólia typ "L"	277-B-108-01-00
Foil legend "M" / pikto fólia typ "M"	277-B-109-01-00
Foil legend "N" / pikto fólia typ "N"	277-B-110-01-00
Foil legend "O" / pikto fólia typ "O"	277-B-111-01-00
Foil legend "Z1" / pikto fólia typ "Z1"	277-B-111-07-00
Foil legend "Z2" / pikto fólia typ "Z2"	277-B-111-08-00



### Options:

- Semi-recessed mounting accessories

### Príplatky:

- výbava pre polozapustenú montáž do stropu

Optional Item / Príplatok	Order Code / Objednávaci kód
Semi-recessed mouting accessories	277-B-210-01-00
Výbava pre polozapustenú montáž do stropu	277-B-210-01-00



Recessed version mounting hole: 320x152 mm  
Rozmer montážneho otvoru: 320x152 mm

### Options:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

### Príplatky:

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Príplatok	Order Code / objednávaci kód
Wall mounting bracket / nástenná konzola	277-B-200-01-00
Ceiling mounting bracket / stropná konzola	277-B-201-01-00
Ceiling bracket 0,5m / závesná konzola 0,5m	277-B-202-01-00
Ceiling bracket 1,0m / závesná konzola 1,0m	277-B-203-01-00
Ceiling bracket 1,5m / závesná konzola 1,5m	277-B-204-01-00
Pendant bracket 0,5m / závesná konzola 0,5m	277-B-207-01-00
Pendant bracket 1,0m / závesná konzola 1,0m	277-B-208-01-00
Pendant bracket 1,5m / závesná konzola 1,5m	277-B-209-01-00
Protective stell cage / ochranný kôš	277-B-205-01-00

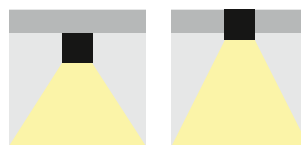


Train station area emergency lighting application



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65 IK10
Housing material	Impact resistant polycarbonate
Viewing distance	35m

# CEILING MOUNTING TRENDLUX2-TOP



• Equisite IK10 IP65 design surface or semi-recessed mounted powerful double-sided LED fixture with perfect light distribution for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up pages No.36)
- **Wireless CENTRALTEST** (-ATRF) for ELMAX-ATRF system (page No.38)
- **CENTRAL BATTERY** (C.TRENDLUX) for **non-addressable CBS** (page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body IK10

• kompaktné a elegantné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

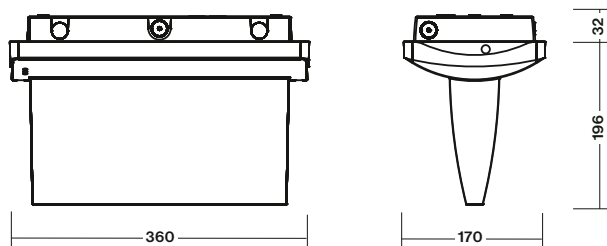
- **AUTOTEST** (-AT) alebo **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-ATRF systém (str.38)
- **CENTRAL BATTERY** (C.TRENDLUX) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: IK10 teleso z nerozbitného PC



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,3W/ 6,5VA (CBS)



#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+75)
- **Intelligent battery charging** (intermittent charging, look up page No.No.51+75)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.No.51+75)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, page 51+75)
- Special mirror effect reflector
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button

- **vysoko účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+75)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+75)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+75)
  - **ENERGY Saving Mód** (osvetlenie pikto 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri str.51+75)
- špeciálny odrazový reflektor so zrkadlovým efektom
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

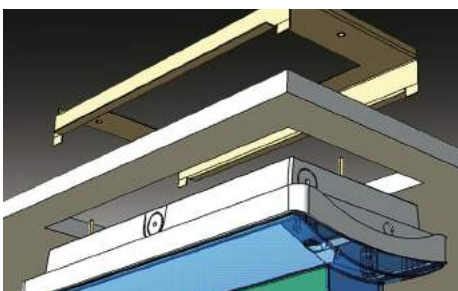
#### OPTIONAL ACCESSORIES

#### PRÍPLATKY

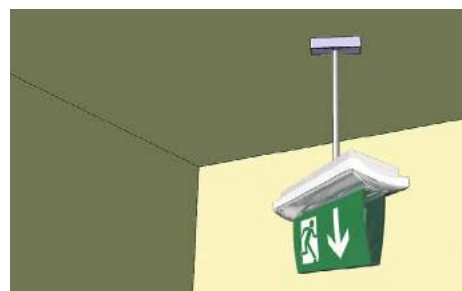
- Non-adhesive legends (look up page No.76)
- Wall mounting or pendant brackets (look up page No.76)
- Semi-recessed mounting accessories (look up page No.76)
- fóliové piktogramy (pozri str.76)
- nástenná alebo stropná závesná konzola (pozri str.76)
- príslušenstvo pre polozapustenú montáž do stropu (pozri str.76)



Optional Foil Legends  
Príplatkový piktogram  
(look up also page No.76)



Optional Semi-recessed accessories  
Príplatkové príslušen. pre polozapustenú montáž  
(look up also page No.76)



Optional Brackets  
Príplatkové konzoly  
(look up also page No.76)





### SELF-CONTAINED BATTERY VERSIONS

NORMAL MODE 230V MAINS	EMERGENCY BATTERY MODE	ON OFF	1 2 3 4 5 6 7 8	DEFAULT SETT./ PREDNASTAVENÉ Full Power
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 50% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 25% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 10% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ENERGY SAVING (in emerg.mode)</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 50% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 25% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>
		<input type="checkbox"/>	<input type="checkbox"/>	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 10% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup>
	<b>INSTALLATION MODE SET UP</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DEFAULT / PREDNASTAVENÉ</b> <b>OFF - ACTIVATED</b> ON - DEACTIVATED
	<b>NON-MAINTAINED / MAINTAINED MODE SET UP</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DEFAULT / PREDNASTAVENÉ</b> <b>ON - MAINTAINED</b> OFF - NON-MAINTAINED
	<b>AUTOTEST / CENTRALTEST MODE SET UP</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DEFAULT / PREDNASTAVENÉ</b> <b>OFF - AUTOTEST</b> ON - CENTRALTEST
	<b>NO-AUTOTEST MODE SET UP</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DEFAULT / PREDNASTAVENÉ</b> <b>OFF - AUTOTEST ACTIVE</b> ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS

CBS CENTRAL BATTERY	ON OFF	1 2 3 4 5 6 7 8	FULL POWER LEGEND BRIGHTNESS > 200cd/m <sup>2</sup> JAS PIKTOGRAMU > 200cd/m <sup>2</sup>
	<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 50%</b>
	<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 25%</b>
	<input type="checkbox"/>	<input type="checkbox"/>	<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime min 100.000h

Page No.32

## AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-AT.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-400-04-00-00	1,8 kg
MULTITREND2-TOP-AT.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-401-04-00-00	1,9 kg

## DALI Self-Contained

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-DALI.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-409-04-00-00	1,9 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-ATXL.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-402-04-00-00	1,9 kg
MULTITREND2-TOP-ATXL.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-403-04-00-00	2,0 kg

Page No.38

## Wireless CENTRALTEST ELMAX-WIRELESS

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITREND2-TOP-ATRF.1h	NM/M	1h	LED	430 lm / 310 lm	LiFePo4 6,4V/1,0Ah	277-B-407-04-00-00	1,7 kg
MULTITREND2-TOP-ATRF.3h	NM/M	3h	LED	430 lm / 310 lm	LiFePo4 6,4V/2,0Ah	277-B-408-04-00-00	1,8 kg

## DALI CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-TOP-DALI 230V AC	DALI CBS	LED	650 lm	277-B-410-04-00-00	1,3 kg

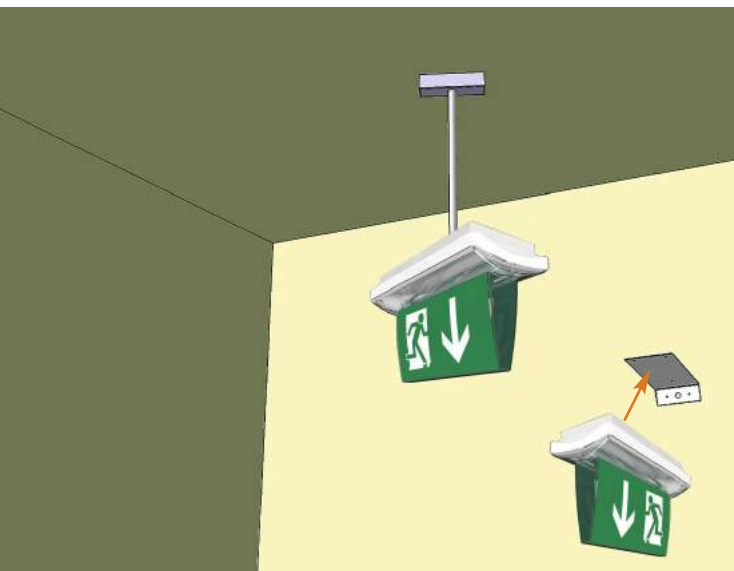
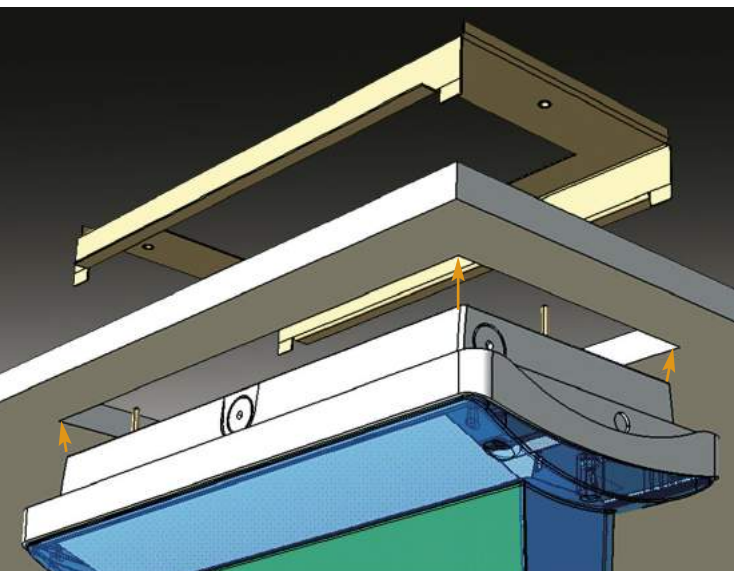
Page No.44

## CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRENDLUX2-TOP/230V AC/DC	CBS NON-ADDRESSABLE	LED	540 lm	277-B-404-00-00-00	1,3 kg
C.TRENDLUX2-TOP/24V AC/DC	CBS NON-ADDRESSABLE	LED	540 lm	277-B-405-00-00-00	1,3 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx



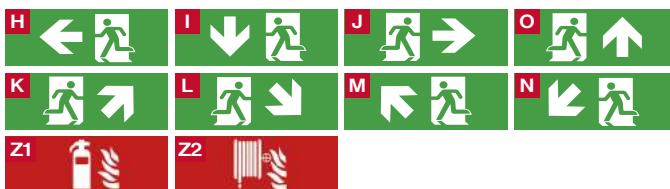
**Options:**

- Foil pictogram/legend complying ISO7010 (must be ordered separately, order codes below)
- Viewing Distance: 35m
- Legend luminance >500cd/m<sup>2</sup> (white)

**Príplatky:**

- foliový piktoqram v súlade s ISO7010 (musí sa objednať samostatne-vid' obj.kódy nižšie)
- rozoznatelnosť piktoqramu: 35m
- jas piktoqramu >500cd/m<sup>2</sup> (biela)

Optional Item / Príplatok	Order Code / Objednávaci kód
Foil legend "H" / pikto fólia typ "H"	277-B-103-01-00
Foil legend "I" / pikto fólia typ "I"	277-B-104-01-00
Foil legend "J" / pikto fólia typ "J"	277-B-105-01-00
Foil legend "K" / pikto fólia typ "K"	277-B-107-01-00
Foil legend "L" / pikto fólia typ "L"	277-B-108-01-00
Foil legend "M" / pikto fólia typ "M"	277-B-109-01-00
Foil legend "N" / pikto fólia typ "N"	277-B-110-01-00
Foil legend "O" / pikto fólia typ "O"	277-B-111-01-00
Foil legend "Z1" / pikto fólia typ "Z1"	277-B-111-07-00
Foil legend "Z2" / pikto fólia typ "Z2"	277-B-111-08-00

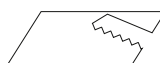
**Options:**

- Semi-recessed mounting accessories

**Príplatky:**

- výbava pre polozapustenú montáž do stropu

Optional Item / Príplatok	Order Code / Objednávaci kód
Semi-recessed mouting accessories	277-B-210-01-00
Výbava pre polozapustenú montáž do stropu	277-B-210-01-00



Recessed version mounting hole: 320x152 mm  
Rozmer montážneho otvoru: 320x152 mm

**Options:**

- Wall / Ceiling Pendant mounting brackets

**Príplatky:**

- nástenná / stropná závesná konzola

Optional Item / Príplatok	Order Code / objednávaci kód
Wall mounting bracket / nástenná konzola	277-B-200-01-00
Pendant bracket 0,5m / závesná konzola 0,5m	277-B-207-01-00
Pendant bracket 1,0m / závesná konzola 1,0m	277-B-208-01-00
Pendant bracket 1,5m / závesná konzola 1,5m	277-B-209-01-00

# CEILING MOUNTING TRENDLUX2-TOP

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65 IK10
Housing material	Impact resistant polycarbonate
Viewing distance	35m

Industrial Area Emergency Lighting Application

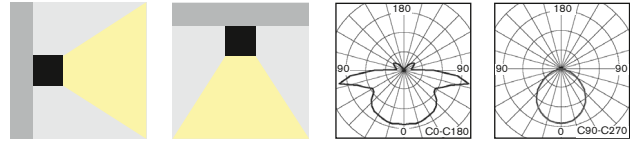




# WALL OR CEILING MOUNTING NORMALUX2



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) **LONGLIFE** LEDs with the lifetime min 100.000h



- **NEW Generation** of IK10 IP65 design surface mounted powerful LED fixture with perfect light distribution for all non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.NORMALUX2) for **non-addressable CBS** (look up page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body
- **NOVÁ generácia** elegantného IP65 výkonného LED núdzového svietidla s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.NORMALUX2) pre **neadresovateľné CBS** (str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+79)
- **Intelligent battery charging** (intermittent charging, look up page No.51+79)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+79)
  - **ENERGY Saving Mód** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51+79)
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- Set of self-adhesive legends (H+I+J) complying ISO7010
- **vysoce účinné MidPower LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51+79)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+79)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+79)
  - **ENERGY Saving Mód** (osvetlenie piktogramu na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri str.51+79)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko
- sada samolepiacich piktogramov H+I+J v súlade s ISO7010



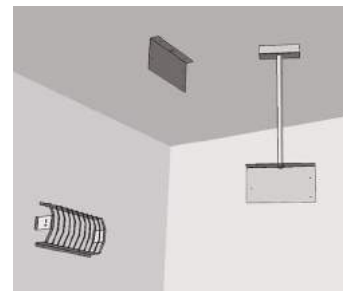
## OPTIONAL ACCESSORIES

## PRÍPLATKY

- Suspended plexi with single sided or double sided legend (look up page 82)
- Wall or ceiling mounting brackets (look up page No.82)
- Protective steel cage (look up page No.82)
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.82)
- nástenná, stropná alebo stropná závesná konzola (pozri str.82)
- ochranný kovový kôš (pozri str.82)



Optional Suspended plexi with Legends  
Príplatkové závesné plexi s piktogramom  
(look up also page No.82)

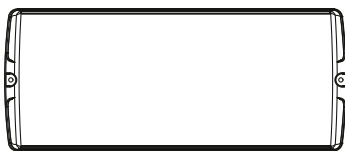


Optional Brackets and Protective Steel Cage  
Príplatkové konzoly a ochranná mreža  
(look up also page No.82)

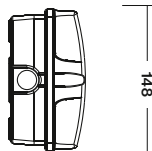


### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 5,7W/ 6,0VA (CBS)



360



80

148



# WALL OR CEILING MOUNTING NORMALUX2



## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

### SELF-CONTAINED BATTERY VERSIONS

NORMAL MODE 230V MAINS	EMERGENCY BATTERY MODE	ON OFF	1 2 3 4 5 6 7 8	DESCRIPTION
<b>1 LUX ESCAPE ROUTE APPLICATION</b>	<b>1 LUX ESCAPE ROUTE APPLICATION</b>	ON OFF	1 2 3 4 5 6 7 8	<b>NO LEGEND / BEZ PIKTOGRAMU</b> ESCAPE ROUTE ILLUMINATION
		ON OFF	1 2 3 4 5 6 7 8	<b>DEFAULT SETT./ PREDNASTAVENÉ</b> Full Power for ESCAPE SIGN Applicaton BRIGHTNESS > 200cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 50% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 25% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 10% (in 230V mode)</b> EMERGENCY MODE LEGEND BRIGHTNESS > 200cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> LEGEND BRIGHTNESS > 2cd/m² JAS PIKTOGRAMU > 2cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 50% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 25% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²
		ON OFF	1 2 3 4 5 6 7 8	<b>ENERGY SAVING (in emerg.mode)</b> <b>ECO MODE 10% (in 230V mode)</b> LEGEND BRIGHTNESS > 2cd/m²
	<b>INSTALLATION MODE SET UP</b>	ON OFF	1 2 3 4 5 6 7 8	<b>DEFAULT / PREDNASTAVENÉ</b> OFF - ACTIVATED ON - DEACTIVATED
<b>M / NM</b>	<b>NON-MAINTAINED / MAINTAINED MODE SET UP</b>	ON OFF	1 2 3 4 5 6 7 8	<b>DEFAULT / PREDNASTAVENÉ</b> ON - MAINTAINED OFF - NON-MAINTAINED
<b>AT / ATXL</b>	<b>AUTOTEST / CENTRALTEST MODE SET UP</b>	ON OFF	1 2 3 4 5 6 7 8	<b>DEFAULT / PREDNASTAVENÉ</b> OFF - AUTOTEST ON - CENTRALTEST
<b>NO AT</b>	<b>NO-AUTOTEST MODE SET UP</b>	ON OFF	1 2 3 4 5 6 7 8	<b>DEFAULT / PREDNASTAVENÉ</b> OFF - AUTOTEST ACTIVE ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS

CBS CENTRAL BATTERY	ON OFF	1 2 3 4 5 6 7 8	DESCRIPTION	
<b>1 LUX ESCAPE ROUTE APPLICATION</b>	ON OFF	1 2 3 4 5 6 7 8	<b>FULL POWER</b> PLNÝ VÝKON	
	ON OFF	1 2 3 4 5 6 7 8	<b>FULL POWER</b> LEGEND BRIGHTNESS > 200cd/m² JAS PIKTOGRAMU > 200cd/m²	
	ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 50%</b>	
	ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 25%</b>	
	ON OFF	1 2 3 4 5 6 7 8	<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m² JAS PIKTOGRAMU > 2cd/m²	
<b>L1' Logic</b>	<b>L1' FUNCT. LOGIC SET UP</b>	ON OFF	1 2 3 4 5 6 7 8	<b>ONLY FOR CBS VERSIONS</b> ON - NEGATIVE OFF - POSITIVE



Parking Garage Area Emergency Lighting Application

TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

Page No.32

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTINORMA2-AT.1h	NM/M	1h	LED	350 lm / 310 lm	LiFePo4 6,4V/1,0Ah	252-B-100-04-00-00	1,5 kg
MULTINORMA2-AT.3h	NM/M	3h	LED	350 lm / 310 lm	LiFePo4 6,4V/2,0Ah	252-B-101-04-00-00	1,6 kg

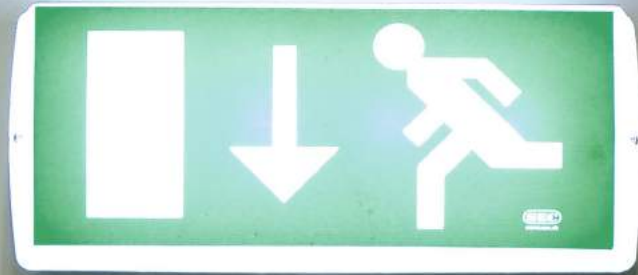
Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.NORMALUX2 230V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	252-B-106-00-00-00	1,2 kg
C.NORMALUX2 24V AC/DC	CBS NON-ADDRESSABLE	LED	760 lm	252-B-107-00-00-00	1,2 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx

WALL OR CEILING MOUNTING  
NORMALUX2





Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32/35m

## CEILING MOUNTING WITH SUSPENDED LEGEND NORMALUX2



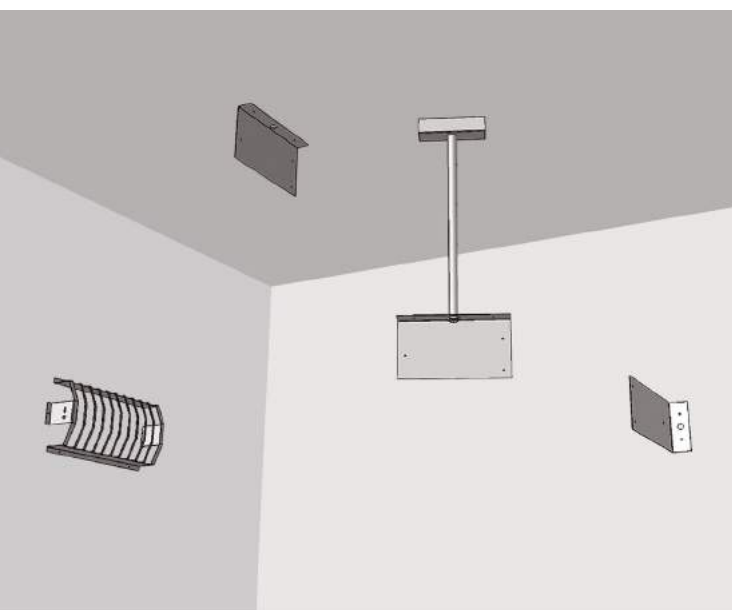
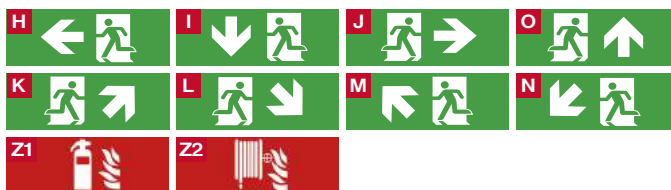


# ACCESSORIES NORMALUX2



- Suspended plexi with single or double sided legend complying ISO7010
- Viewing Distance: 35m
- závesné plexi s jednostranným alebo obojstranným piktogramom v súlade s ISO7010
- rozoznatelnosť piktogramu: 35m

Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	252-B-23-05
Suspended plexi I doublesided / obojstranné	252-B-23-01
Suspended plexi H singlesided / jednostranné	252-B-23-06
Suspended plexi I singlesided / jednostranné	252-B-23-04
Suspended plexi J singlesided / jednostranné	252-B-23-07
Suspended plexi K/M doublesided / obojstranné	252-B-23-08
Suspended plexi L/N doublesided / obojstranné	252-B-23-09
Suspended plexi K singlesided / jednostranné	252-B-23-10
Suspended plexi L singlesided / jednostranné	252-B-23-11
Suspended plexi M singlesided / jednostranné	252-B-23-12
Suspended plexi N singlesided / jednostranné	252-B-23-13
Suspended plexi O singlesided / jednostranné	252-B-23-16
Suspended plexi O doublesided / obojstranné	252-B-23-17
Suspended plexi Z1 doublesided / obojstranné	252-B-23-21
Suspended plexi Z2 doublesided / obojstranné	252-B-23-22



#### Options:

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

#### Príplatky:

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item : Príplatok :	Order Code : objednávaci kód :
Wall mounting bracket / nástenná konzola RAL9003	252-B-22-00
Ceiling mounting bracket / stropná konzola RAL9003	252-B-22-01-01
Ceiling mounting bracket / stropná konzola RAL9006	252-B-22-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9003	252-B-22-12-01
Pendant bracket 0,5m / závesná konzola 0,5m RAL9006	252-B-22-12-02
Pendant bracket 0,65m / závesná konz. 0,65m RAL9006	252-B-22-09
Pendant bracket 1,0m / závesná konzola 1,0m RAL9003	252-B-22-10-01
Pendant bracket 1,5m / závesná konzola 1,5m RAL9003	252-B-22-11-01
Protective steel cage / ochranný kôš RAL9003	252-B-22-05

# CEILING MOUNTING WITH SUSPENDED LEGEND NORMALUX2

Parking garage area emergency lighting application

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.3W/6.5VA (CBS)
Protection type	IP65
Housing material	Impact resistant polycarbonate
Viewing distance	32/35m



# WALL OR CEILING MOUNTING PRIMALUX

Exclusive modern unobtrusive design based on high quality aluminum frame which enhances aesthetic and functional aspects of PRIMALUX type series. Combined with the qualities of an innovative LED light source - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Exkluzívny moderný nenápadný design vychádzajúci z kvalitného materiálu hliníkového rámu, ktorý ešte viac prehlbuje estetické a funkčné vlastnosti svietidiel typovej rady PRIMALUX. V kombinácii s kvalitami inovatívneho LED svetelného zdroja - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. PRIMALUX dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M)
	2.0W/3.9VA (non-maintained NM)
	6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>



C.PRIMALUX / MULTIPRIMA  
(Page No.86)

## C.PRIMALUX / MULTIPRIMA escape sign luminaire

- Wall mounting escape sign LED emergency luminaire in accordance with EN1838
- Perfect uniform pictogram illumination
- Viewing distance: 30m/60m
- núdzové svietidlo pre montáž na stenu v súlade s EN1838
- perfektná rovnomernosť osvetlenia piktogramu
- rozoznateľnosť piktogramu: 30m/60m



C.PRIMALUX / MULTIPRIMA-A+2xLED  
(Page No.86)

## C.PRIMALUX-A+2xLED / MULTIPRIMA-A+2xLED escape sign & escape route lighting (with 2 bottom HighPower LEDs)

- Wall mounting escape sign LED emergency luminaire in accordance with EN1838
- The additional bottom HighPower LEDs turn this fixture into escape sign and escape route/ anti-panic emergency lighting 2-in-1
- Perfect uniform pictogram illumination
- Maximum luminaire spacing: look up the page No.212
- Viewing distance: 30m

- núdzové svietidlo pre montáž na stenu v súlade s EN1838
- verzia s prídavnými spodnými HighPower LED je perfektnou kombináciou svietidla na vyznačenie smeru / osvetlenie únikovej cesty a anti-panic svietidla
- perfektná rovnomernosť osvetlenia piktogramu
- maximálny rozstup svietidiel: pozri str. 212
- rozoznateľnosť piktogramu: 30m



C.PRIMALUX / MULTIPRIMA-AP  
(Page No.92)



C.PRIMALUX / MULTIPRIMA-APA  
(Page No.92)



C.PRIMALUX / MULTIPRIMA-APB  
(Page No.92)

## C.PRIMALUX-AP/-AV/+2xLED MULTIPRIMA-AP/-AV/+2xLED escape sign & escape route lighting / anti-panic lighting (with additional 2 bottom HighPower LEDs)

- Ceiling mounting double sided escape sign LED emergency luminaire in accordance with EN1838
- The additional bottom HighPower LEDs turn this fixture into escape sign and escape route/anti-panic emergency lighting 2in1
- Perfect uniform pictogram illumination
- Maximum luminaire spacing : up to 18m >1lx
- Maximum room illumination: up to 86m<sup>2</sup> >0.5lx
- Viewing distance: 30m

- núdzové svietidlo pre montáž na strop s obojstranným piktogramom v súlade s EN1838
- verzia s prídavnými spodnými HighPower LED je perfektnou kombináciou svietidla na vyznačenie/ osvetlenie smeru únikovej cesty a anti-panic núdzového svietidla
- perfektná rovnomernosť osvetlenia piktogramu
- maximálny rozstup svietidiel: až 18m >1lx
- maximálna plocha osvetlenia: až 86m<sup>2</sup> >0.5lx
- rozoznateľnosť piktogramu: 30m



C.PRIMALUX / MULTIPRIMA-AV  
(Page No.99)



C.PRIMALUX / MULTIPRIMA-AVA  
(Page No.99)



C.PRIMALUX / MULTIPRIMA-AVB  
(Page No.99)



Available in black RAL9005 colour  
Order code on demand  
Dostupné aj v čiernej farbe RAL9005  
obj.kód na požiadanie

WALL OR CEILING MOUNTING  
**PRIMALUX**

**C.PRIMALUX-AP  
MULTIPRIMA-AP**

escape sign &  
escape route lighting &  
anti-panic lighting

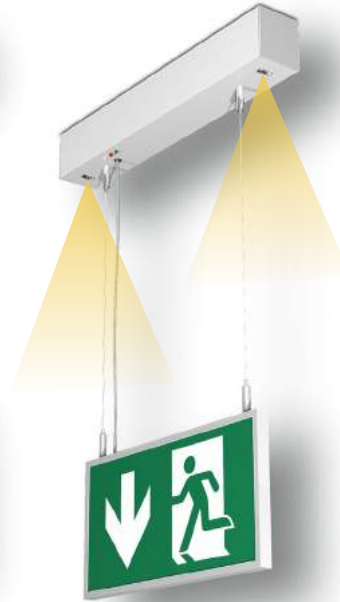
(with additional 2 bottom HighPower LEDs)

All ceiling mounting types can be equipped with optional wire rope suspension set suitable for higher ceiling application. The wire rope suspension set must be ordered as separate item.

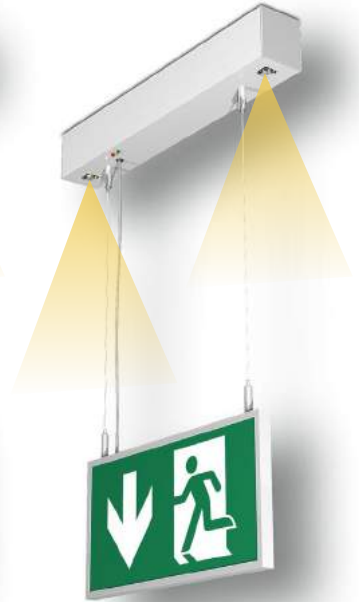
Všetky PRIMALUX-AP LED núdzové svietidlá s montážou na strop môžu byť vybavené lankovým závesným setom pre montáž v priestoroch s vyššou vnútornou výškou stropu. Závesná sada musí byť objednaná ako samostatná položka, ktorá sa montuje na štandardné svietidlo.



C.PRIMALUX / MULTIPRIMA-AP  
+ wire suspension set  
(Page No.92)



C.PRIMALUX / MULTIPRIMA-APA  
+ wire suspension set  
(Page No.92)



C.PRIMALUX / MULTIPRIMA-APB  
+ wire suspension set  
(Page No.92)

**C.PRIMALUX-AV  
MULTIPRIMA-AV**

escape sign &  
escape route lighting &  
anti-panic lighting

(with 2 bottom HighPower LEDs)

All recessed mounting types can be equipped with the optional wire rope suspension set suitable for higher ceiling application.

The wire rope suspension set must be ordered as separate item.

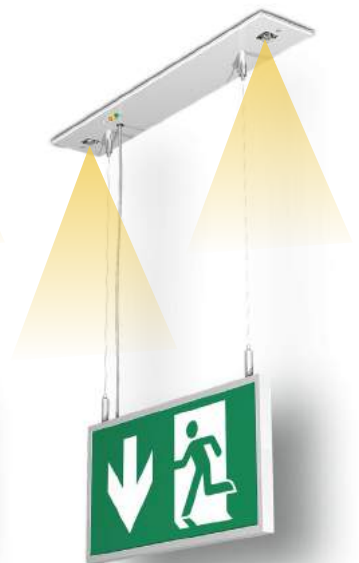
Všetky PRIMALUX-AV LED núdzové svietidlá s montážou do stropu môžu byť vybavené lankovým závesným setom pre montáž v priestoroch s vyššou vnútornou výškou stropu. Závesná sada musí byť objednaná ako samostatná položka, ktorá sa montuje na štandardné svietidlo.



C.PRIMALUX / MULTIPRIMA-AV  
+ wire suspension set  
(Page No.99)



C.PRIMALUX / MULTIPRIMA-AVB  
+ wire suspension set  
(Page No.99)



C.PRIMALUX / MULTIPRIMA-AVB  
+ wire suspension set  
(Page No.99)

# WALL MOUNTING PRIMALUX



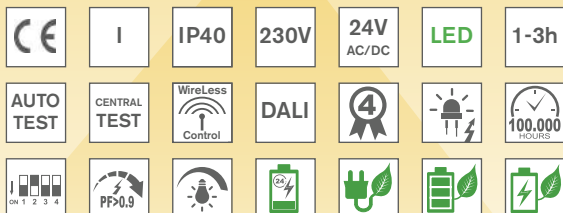
← → 30m/60m

MULTIPRIMA-A / -B



← → 30m

MULTIPRIMA-A+2xLED



#### Input Power:

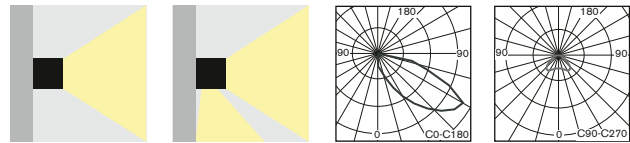
- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)

Available in black RAL9005 colour

Order code on demand

Dostupné aj v čiernej farbe RAL9005

obj.kód na požiadanie



- Exclusive slim design surface mounted fixture for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **Wireless CENTRALTEST** (-ATRF) for ELMAX-ATRF system (page No.38)
- **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Metal sheet base painted in RAL9003 colour
  - Acrylic layered diffuser with legend in anodised AL frame
- Elegantné "štíhle" núdzové svietidlo pre trvalé/netrvané (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT) alebo **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-ATRF systém (str.38)
  - **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z ocelového plechu v bielej farbe RAL9003
  - svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

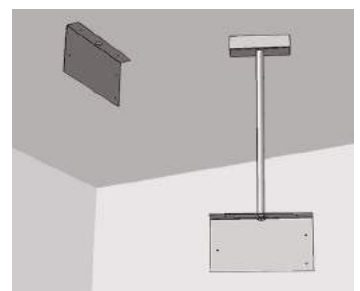
#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

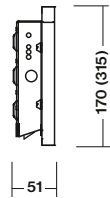
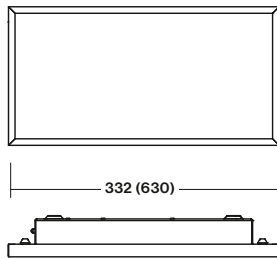
- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs 120lm/W** for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+58)
- **Intelligent battery charging** (intermittent charging, look up page No.51+58)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+58)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look page 51+58)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page 51+58)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W** pre osvetlenie únikovej cesty na podlahe (len pri "+2xLED" verziách)
- **progressívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51+58)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+58)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+58)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri 51+58)
  - ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie pictogramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko



Accessory: Diffuser in AL Frame+Legend  
Príplatkový kryt svietidla v AL ráme+pikto  
(look up also page No.90)



Optional Brackets  
Príplatkové konzoly  
(look up also page No.90)



\* Dimensions in the bracket are valid for all "B" versions  
\* rozmery v zátvorke platia pre všetky "B" verzie

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj v čiernej farbe RAL9005  
obj.kód na požiadanie

Page No.32

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-A-AT.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-001-04-00-00	1,6 kg
MULTIPRIMA-A-AT.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-002-04-00-00	1,7 kg
MULTIPRIMA-A-AT+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-003-04-00-00	1,7 kg
MULTIPRIMA-A-AT+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-004-04-00-00	1,8 kg
MULTIPRIMA-B-AT.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-005-04-00-00	3,5 kg
MULTIPRIMA-B-AT.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-006-04-00-00	3,6 kg

### DALI Self-Contained

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-A-DALI.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-032-04-00-00	1,6 kg
MULTIPRIMA-A-DALI.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-033-04-00-00	1,6 kg

Page No.36

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-A-ATXL.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-007-04-00-00	1,7 kg
MULTIPRIMA-A-ATXL.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-008-04-00-00	1,8 kg
MULTIPRIMA-A-ATXL+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-009-04-00-00	1,8 kg
MULTIPRIMA-A-ATXL+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-010-04-00-00	1,9 kg
MULTIPRIMA-B-ATXL.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-011-04-00-00	3,6 kg
MULTIPRIMA-B-ATXL.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-012-04-00-00	3,6 kg

Page No.38

### Wireless CENTRALTEST ELMAX-ATRF

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-A-ATRF.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-013-04-00-00	1,7 kg
MULTIPRIMA-A-ATRF.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-014-04-00-00	1,8 kg
MULTIPRIMA-A-ATRF+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-015-04-00-00	1,8 kg
MULTIPRIMA-A-ATRF+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-016-04-00-00	1,8 kg
MULTIPRIMA-B-ATRF.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-017-04-00-00	3,6 kg
MULTIPRIMA-B-ATRF.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-018-04-00-00	3,6 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-A 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-019-00-00-00	1,3 kg
C.PRIMALUX-A 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-020-00-00-00	1,3 kg
C.PRIMALUX-A+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-021-00-00-00	1,4 kg
C.PRIMALUX-A+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-022-00-00-00	1,4 kg
C.PRIMALUX-B 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-023-00-00-00	3,1 kg
C.PRIMALUX-B 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-024-00-00-00	3,1 kg

### DALI CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-A-DALI 230V AC	DALI CBS	MidPower LEDs	N.A.	295-B-034-00-00-00	1,3 kg

Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-A-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	N.A.	295-B-025-00-00-00	1,4 kg
C.PRIMALUX-A-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	MidPwr LED+2x LED	100 lm	295-B-026-00-00-00	1,5 kg
C.PRIMALUX-B-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	N.A.	295-B-027-00-00-00	3,2 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx



# PRIMALUX



ENERGY SAVING  
ECO MODE  
SET UP



2/200  
cd/m<sup>2</sup>

NO  
AT

## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY**  
BATTERY MODE



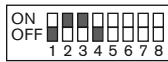
**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicaton  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



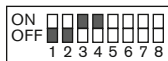
**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



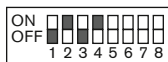
**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



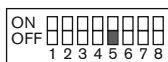
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



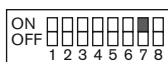
**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



**NO-AUTOTEST**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST ACTIVE**  
ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS

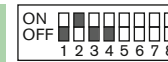
**CBS CENTRAL**  
BATTERY



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



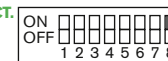
**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

Premium Line

DIP SWITCH FUNCTIONALITY

## C.PRIMALUX+2xLED / MULTIPRIMA+2xLED

## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

### SELF-CONTAINED BATTERY VERSIONS (not valid for DALI versions)

**NORMAL MODE**  
230V MAINS

**EMERGENCY**  
BATTERY MODE



**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION



**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicaton  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



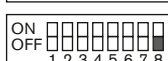
**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



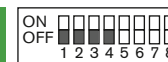
**NO-AUTOTEST**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST ACTIVE**  
ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS (not valid for DALI versions)

**CBS CENTRAL**  
BATTERY



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



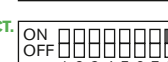
**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDs CONTROL  
OFF - DIMMING



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

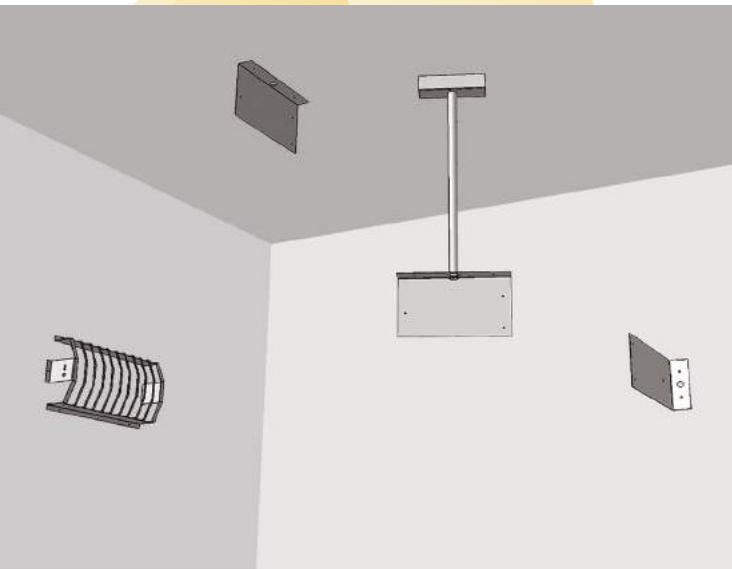
Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	Look up page No.212
Application	Anti-panic lighting
Max room illumination	Look up page No.212



Available in black RAL9005 colour  
Order code on demand  
Dostupné aj v čiernej farbe RAL9005  
obj.kód na požiadanie



- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance 30m: (for all "A" size versions), 60m (for all "B" size versions)
- Legend luminance >500cd/m<sup>2</sup> (white)
- kryt svietidla v AL ráme s piktogramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !**
- rozoznateľnosť piktogramu: 30m (pre veľkosť A), 60m (pre veľkosť B)
- jas piktogramu >500cd/m<sup>2</sup> (biela)



All "A" Size versions / pre všetky verzie veľkosť "A"	Order Code / Objednávaci kód
Diffuser with legend "H" / kryt s pikto typ "H"	295-B-000-01-00-00
Diffuser with legend "I" / kryt s pikto typ "I"	295-B-000-02-00-00
Diffuser with legend "J" / kryt s pikto typ "J"	295-B-000-03-00-00
Diffuser with legend "K" / kryt s pikto typ "K"	295-B-000-04-00-00
Diffuser with legend "L" / kryt s pikto typ "L"	295-B-000-05-00-00
Diffuser with legend "M" / kryt s pikto typ "M"	295-B-000-06-00-00
Diffuser with legend "N" / kryt s pikto typ "N"	295-B-000-07-00-00
Diffuser with legend "O" / kryt s pikto typ "O"	295-B-000-08-00-00

All "B" Size versions / pre všetky verzie veľkosť "B"	Order Code / Objednávaci kód
Diffuser with legend "H" / kryt s pikto typ "H"	295-B-000-10-00-00
Diffuser with legend "I" / kryt s pikto typ "I"	295-B-000-11-00-00
Diffuser with legend "J" / kryt s pikto typ "J"	295-B-000-12-00-00
Diffuser with legend "K" / kryt s pikto typ "K"	295-B-000-13-00-00
Diffuser with legend "L" / kryt s pikto typ "L"	295-B-000-14-00-00
Diffuser with legend "M" / kryt s pikto typ "M"	295-B-000-15-00-00
Diffuser with legend "N" / kryt s pikto typ "N"	295-B-000-16-00-00
Diffuser with legend "O" / kryt s pikto typ "O"	295-B-000-20-00-00

**Additional Bottom HighPower LEDs** (valid only for all "+2xLED" versions")

- for escape route illumination on the floor
- for 1x Spacing Tables Look up Page No.212

Prídavné 2x HighPower LED na spodnej strane svietidla (len pre verzie "+2xLED")

- pre nasvietenie únikovej cesty na podlahe
- tabuľky rozmiestnenia svietidiel pre 1x hladinu osvetlenia pozri str. 212

**Options: / Příplatky:**

- Wall / Ceiling / Pendant mounting bracket
- Protective Steel Cage

- nástenná / stropná / závesná konzola
- ochranný kôš

Optional Item / Příplatek	Order Code / objednávaci kód
Wall mounting bracket "A" / nástenná konzola "A"	295-B-200-01
Wall mounting bracket "B" / nástenná konzola "B"	295-B-200-02
Ceiling mounting bracket "A" / stropná konzola "A"	295-B-201-01
Ceiling mounting bracket "B" / stropná konz. "B"	295-B-201-02
Pendant bracket 0,5m "A" / záves. konz. 0,5m "A"	295-B-202-01
Pendant bracket 0,5m "B" / záves. konz. 0,5m "B"	295-B-202-02
Pendant bracket 1,0m "A" / záves. konz. 1,0m "A"	295-B-203-01
Pendant bracket 1,0m "B" / záves. konz. 1,0m "B"	295-B-203-02
Pendant bracket 1,5m "A" / záves. konz. 1,5m "A"	295-B-204-01
Pendant bracket 1,5m "B" / záves. konz. 1,5m "B"	295-B-204-02
Protective stell cage "A" / ochranný kôš "A"	295-B-205-01
Protective stell cage "B" / ochranný kôš "B"	295-B-205-02

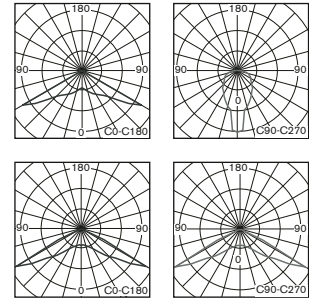


# WALL MOUNTING PRIMALUX



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	Look up page No.212
Application	Anti-panic lighting
Max room illumination	Look up page No.212

# CEILING MOUNTING WITH SUSPENDED LEGEND PRIMALUX



← → 30m

MULTIPRIMA-AP



← → 30m

MULTIPRIMA-APB+2xLED



#### Input Power:

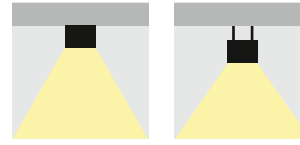
- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)

Available in black RAL9005 colour

Order code on demand

Dostupné aj v čiernej farbe RAL9005

obj.kód na požiadanie



- Exclusive slim design doubled-sided ceiling mounted fixture for non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **Wireless CENTRALTEST** (-ATRF) for ELMAX-ATRF system (page No.38)
- **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Anodised AL profile base
  - Acrylic layered diffuser with legend in anodised AL frame

- Elegatné "štíhle" obojstranné stropné núdzové svetidlo pre netrvalé/trvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-ATRF systém (str.38)
- **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z eloxovaného hliníkového profilu
  - svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs 120lm/W** for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+88)
- **Intelligent battery charging** (intermittent charging, look up page No.51+88)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+88)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51+88)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.51+88)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W** pre osvetlenie únikovej cesty na podlahe (len pri všetkých "+2xLED" verziách)
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalovaný mód** (ochrana batérie, pozri aj str.51+88)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+88)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+88)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri str.51+88)
  - ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie piktoqramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

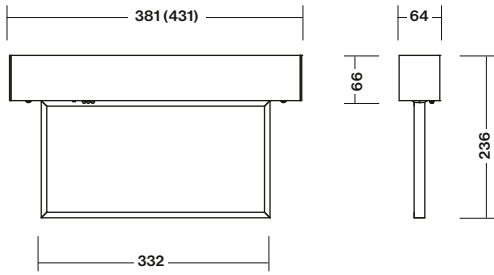


Optional end cap with cable entry holes  
Príplatkové bočné čelíčko s prechodkami  
(look up also page No.94)



Accessory: Diffuser in AL Frame+Legend  
Príplatkový kryt svetidla v AL ráme+pikto  
(look up also page No.94)





\* Dimensions in the bracket are valid for all "APA, APB" versions  
 \* rozmery v zátvorke platia pre všetky "APA, APB" verzie

**Escape route illumination by 2 additional HighPower LEDs**

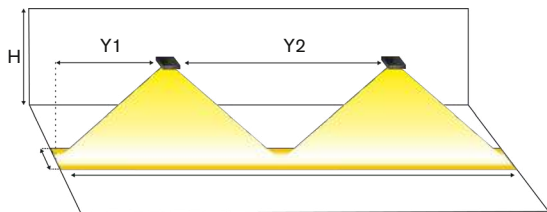
- version APA for corridor application Escape Route illumination
- version APB for open area application Anti Panic Lighting

**Anti-panik osvetlenie prídavnými 2xHighPower LED**

- verzia APA pre aplikáciu pre koridor / Escape Route
- verzia APB pre aplikáciu v otvorenom priestore "anti-panik"

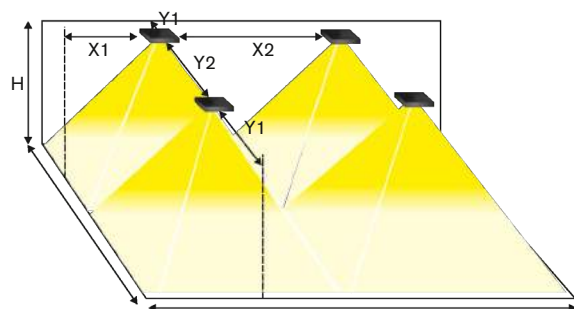
**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	Y1 (m)	Y2 (m)
2,75	6,6	17,5
3,00	6,1	17,9
3,50	5,7	18,0
4,00	4,7	17,5
4,50	3,5	17,1

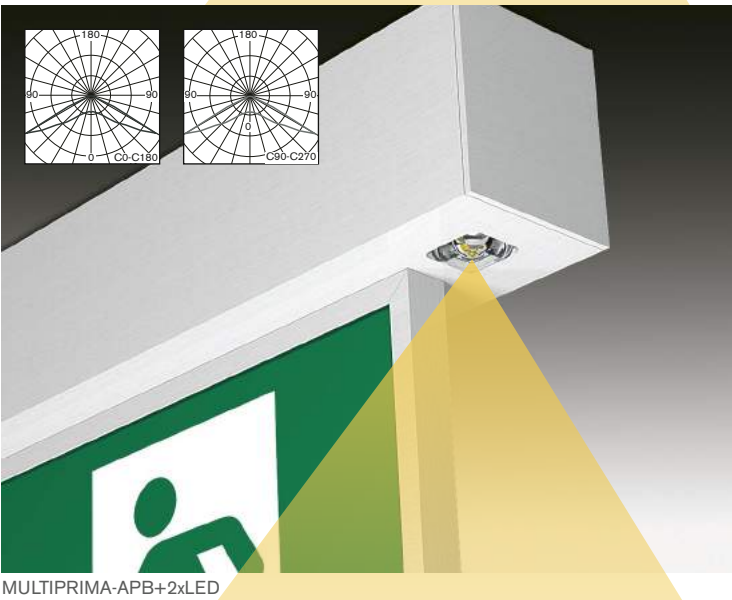
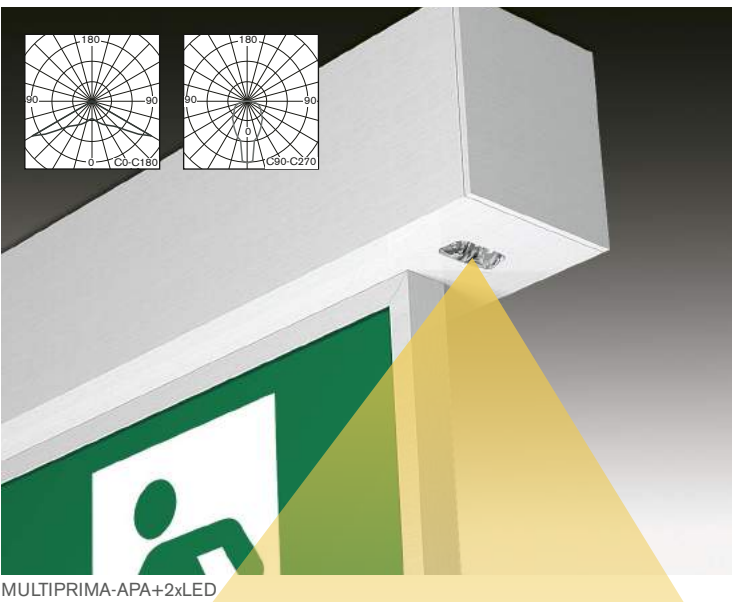


**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	4,0	10,5	3,0	9,6
3,00	3,1	11,3	2,3	9,8



- Optional Wire rope suspension set (for the Item No. look up page No.94)
- Priplatkový lankový závesný set (pre obj.kód pozri str. 94)



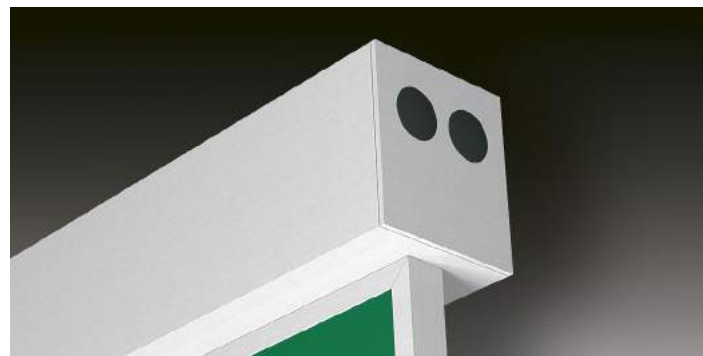




- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance 30m
- Legend luminance: >500cd/m<sup>2</sup> (white)
- kryt svetidla v AL ráme s piktogramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**
- rozoznatelnosť piktogramu 30m
- jas piktogramu: >500cd/m<sup>2</sup> (biela)



Item / Položka	Order Code / Objednávaci kód
Single sided diffuser with legend "H" Jednostranný kryt s pikto typ "H"	295-B-000-020-00-00
Single sided diffuser with legend "I" Jednostranný kryt s pikto typ "I"	295-B-000-021-00-00
Single sided diffuser with legend "J" Jednostranný kryt s pikto typ "J"	295-B-000-022-00-00
Single sided diffuser with legend "O" Jednostranný kryt s pikto typ "O"	295-B-000-023-00-00
Single sided diffuser with legend "K" Jednostranný kryt s pikto typ "K"	295-B-000-024-00-00
Single sided diffuser with legend "L" Jednostranný kryt s pikto typ "L"	295-B-000-025-00-00
Single sided diffuser with legend "M" Jednostranný kryt s pikto typ "M"	295-B-000-026-00-00
Single sided diffuser with legend "N" Jednostranný kryt s pikto typ "N"	295-B-000-027-00-00
Double sided diffuser with legend "H/J" Obojstranný kryt s pikto typ "H/J"	295-B-000-028-00-00
Double sided diffuser with legend "I" Obojstranný kryt s pikto typ "I"	295-B-000-029-00-00
Double sided diffuser with legend "O" Obojstranný kryt s pikto typ "O"	295-B-000-030-00-00
Double sided diffuser with legend "K/M" Obojstranný kryt s pikto typ "K/M"	295-B-000-031-00-00
Double sided diffuser with legend "L/N" Obojstranný kryt s pikto typ "L/N"	295-B-000-032-00-00



#### Options: / Pripłaty:

- Wire rope suspension set including all:
  - 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
  - 2pcs of suspension steel wire ropes 0.8m long
  - 1pc of ceiling power outlets + 1.5m long cord
- End cap with cable entry holes
- Závesný lankový set obsahuje:
  - 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
  - 2ks závesných laniek dĺžky 0,8m
  - 1ks sieťovej prípojnej krabičky na strop + číry prívodný elektrický kábel 1,5m dlhý
- Bočné čelíčko s prechodkami pre kabeľaž zo strany

Optional Item / Pripátoak	Order Code / objednávaci kód
Wire rope suspension kit 1.5 m long Závesná lanková sada dĺžky 1,5 m	295-B-206-001-00-00
End cap with cable entry holes Bočné čelíčko s prechodkami pre kabeľaž z boku	295-B-207-001-00-00

Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AP-AT.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-300-04-00-00	1,6 kg
MULTIPRIMA-AP-AT.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-301-04-00-00	1,7 kg
MULTIPRIMA-APA-AT+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-302-04-00-00	1,7 kg
MULTIPRIMA-APA-AT+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-303-04-00-00	1,7 kg
MULTIPRIMA-APB-AT+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-304-04-00-00	1,7 kg
MULTIPRIMA-APB-AT+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-305-04-00-00	1,7 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-AP-DALI.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-327-04-00-00	1,6 kg
MULTIPRIMA-AP-DALI.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-328-04-00-00	1,6 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AP-ATXL.1h	NM/M	1h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-306-04-00-00	1,6 kg
MULTIPRIMA-AP-ATXL.3h	NM/M	3h	18xMidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-307-04-00-00	1,7 kg
MULTIPRIMA-APA-ATXL+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-308-04-00-00	1,7 kg
MULTIPRIMA-APA-ATXL+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-309-04-00-00	1,8 kg
MULTIPRIMA-APB-ATXL+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-310-04-00-00	1,7 kg
MULTIPRIMA-APB-ATXL+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-311-04-00-00	1,8 kg

Page No.38

**Wireless CENTRALTEST ELMAX-ATRF**

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-AP-ATRF.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-312-04-00-00	1,6 kg
MULTIPRIMA-AP-ATRF.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-313-04-00-00	1,7 kg
MULTIPRIMA-APA-ATRF+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-314-04-00-00	1,7 kg
MULTIPRIMA-APA-ATRF+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-315-04-00-00	1,8 kg
MULTIPRIMA-APB-ATRF+2xLED.1h	NM/M	1h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-316-04-00-00	1,7 kg
MULTIPRIMA-APB-ATRF+2xLED.3h	NM/M	3h	MidP LEDs+2x LEDs	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-317-04-00-00	1,8 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AP 230V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-318-00-00-00	1,3 kg
C.PRIMALUX-AP 24V AC/DC	CBS NON-ADDRESSABLE	18xMidPower LEDs	N.A.	295-B-319-00-00-00	1,3 kg
C.PRIMALUX-APA+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-320-00-00-00	1,4 kg
C.PRIMALUX-APA+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-321-00-00-00	1,4 kg
C.PRIMALUX-APB+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-322-00-00-00	1,4 kg
C.PRIMALUX-APB+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-323-00-00-00	1,4 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AP-DALI 230V AC	DALI CBS	MidPower LEDs	N.A.	295-B-329-00-00-00	1,3 kg

Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AP-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	N.A.	295-B-324-00-00-00	1,4 kg
C.PRIMALUX-APA-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	100 lm	295-B-325-00-00-00	1,5 kg
C.PRIMALUX-APB-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	MidP LEDs+2x LEDs	100 lm	295-B-326-00-00-00	1,5 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx





Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>



Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.8W/6.1VA (maintained M) 2.0W/3.9VA (non-maintained NM) 6.1W/6.3VA (CBS)
Frame cover material	Anodised aluminum
Viewing distance	30m
Application	Escape route lighting
Max luminaire spacing	up to <b>18m &gt; 1lx</b>
Application	Anti-panic lighting
Max room illumination	up to <b>86m<sup>2</sup> &gt; 0.5lx</b>



# RECESSED MOUNTING WITH SUSPENDED LEGEND PRIMALUX



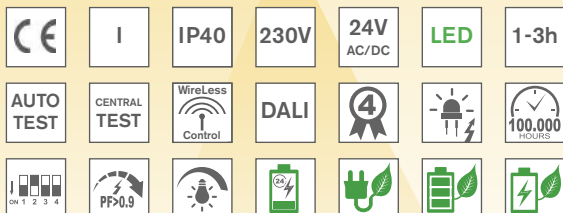
← → 30m

MULTIPRIMA-AV



← → 30m

MULTIPRIMA-AVB+2xLED



#### Input Power:

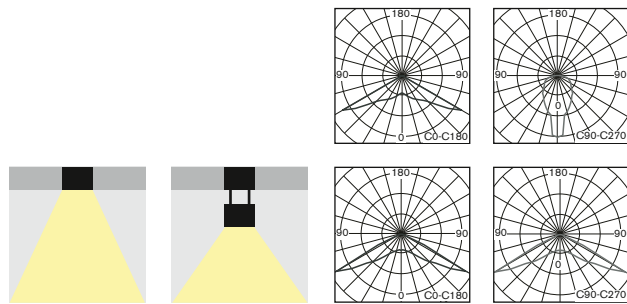
- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)

Available in black RAL9005 colour

Order code on demand

Dostupné aj v čiernej farbe RAL9005

obj.kód na požiadanie



- Exclusive slim design double-sided recessed mounted fixture for non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **Wireless CENTRALTEST** (-ATRF) for ELMAX-ATRF system (page No.38)
- **CENTRAL BATTERY** (C.PRIMALUX) for **non-addressable CBS** (page 44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)

- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

#### Design:

- Anodised AL profile base
- Acrylic layered diffuser with legend in anodised AL frame

- Elegantly "stylish" double-sided recessed emergency lighting fixture for non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-ATRF systém (str.38)
- **CENTRAL BATTERY** (C.PRIMALUX) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

#### konštrukcia:

- základňa z eloxovaného hliníkového profilu
- svetelno-činný kryt z vrstveného plexi v ráme z eloxovaného hliníku

#### STANDARD FEATURES

#### ŠTANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs** 120lm/W for floor escape root illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+88)
- **Intelligent battery charging** (intermittent charging, look up page No.51+88)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+88)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up pages 51+88)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, pages 51+88)
- Special layered diffuser for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri všetkých "+2xLED" verziách)
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51+88)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+88)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+88)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri str.51+88)
  - ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V)
- špeciálne vrstvené plexi pre perfektné rovnomerné osvetlenie piktoqramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko

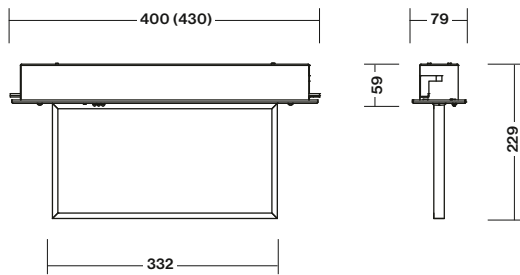


Optional Wire Rope Suspension  
Príplatkový lankový záves 2m  
(look up also page No.99)



Accessory: Diffuser in AL Frame & Legend  
Príplatkový kryt svietidla v AL ráme+pikto  
(look up also page No.99)





\* Dimensions in the bracket are valid for all "AVA, AVB" versions  
 \* rozmery v zátvorke platia pre všetky "AVA, AVB" verzie



Recessed mounting hole size for all -AVA/-AVB versions: **400x60 mm**  
 Rozmer montážneho otvoru pre verzie -AVA/-AVB: **400x60 mm**

Recessed mounting hole size for all -AVA/-AVB +2xLED versions: **430x60 mm**  
 Rozmer montážneho otvoru pre verzie -AVA/-AVB +2xLED: **430x60 mm**

**Escape route illumination by 2 additional HighPower LEDs**

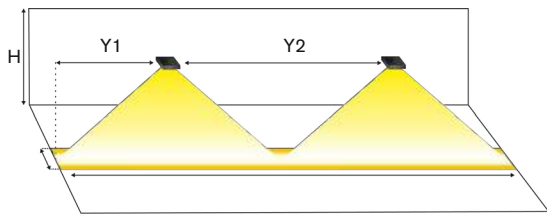
- version APA for corridor application Escape Route illumination
- version APB for open area application Anti Panic Lighting

**Anti-panik osvetlenie prídavnými 2xHighPower LED**

- verzia APA pre aplikáciu pre koridor / Escape Route
- verzia APB pre aplikáciu v otvorenom priestore "anti-panik"

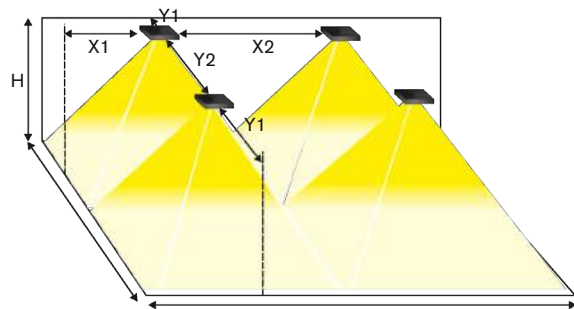
**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	Y1 (m)	Y2 (m)
2,75	6,6	17,5
3,00	6,1	17,9
3,50	5,7	18,0
4,00	4,7	17,5
4,50	3,5	17,1



**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	4,0	10,5	3,0	9,6
3,00	3,1	11,3	2,3	9,8



- Optional Wire rope suspension set (for the Item No. look up page No.99)
- Príplatkový lankový závesný set (pre obj.kód pozri str. 99)



MULTIPRIMA-AVA+2xLED



MULTIPRIMA-AVB+2xLED





- Diffuser in AL frame including legend in accordance with ISO7010
- **It is not included in standard package. It must be ordered as separate item !**
- Viewing Distance: 30m
- Legend luminance >500cd/m<sup>2</sup> (white)
- kryt svetidla v AL ráme s piktoqramom v súlade s ISO7010
- **nie je súčasťou štandardného balenia svetidla, musí byť objednané ako samostatná položka !**
- rozoznatelnosť piktoqramu: 30m
- jas piktoqramu >500cd/m<sup>2</sup> (biela)



Item / Položka	Order Code / Objednávací kód
Single sided diffuser with legend "H" Jednostranný kryt s pikto typ "H"	295-B-000-020-00-00
Single sided diffuser with legend "I" Jednostranný kryt s pikto typ "I"	295-B-000-021-00-00
Single sided diffuser with legend "J" Jednostranný kryt s pikto typ "J"	295-B-000-022-00-00
Single sided diffuser with legend "O" Jednostranný kryt s pikto typ "O"	295-B-000-023-00-00
Single sided diffuser with legend "K" Jednostranný kryt s pikto typ "K"	295-B-000-024-00-00
Single sided diffuser with legend "L" Jednostranný kryt s pikto typ "L"	295-B-000-025-00-00
Single sided diffuser with legend "M" Jednostranný kryt s pikto typ "M"	295-B-000-026-00-00
Single sided diffuser with legend "N" Jednostranný kryt s pikto typ "N"	295-B-000-027-00-00
Double sided diffuser with legend "H/J" Obojstranný kryt s pikto typ "H/J"	295-B-000-028-00-00
Double sided diffuser with legend "I" Obojstranný kryt s pikto typ "I"	295-B-000-029-00-00
Double sided diffuser with legend "O" Obojstranný kryt s pikto typ "O"	295-B-000-030-00-00
Double sided diffuser with legend "K/M" Obojstranný kryt s pikto typ "K/M"	295-B-000-031-00-00
Double sided diffuser with legend "L/N" Obojstranný kryt s pikto typ "L/N"	295-B-000-032-00-00

Available in black RAL9005 colour

Order code on demand

Dostupné aj čiernej farbe RAL9005

obj.kód ba požiadanie

**Options: / Príplatky:**

- Wire rope suspension set including all:
  - 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
  - 2pcs of suspension steel wire ropes 0.8m long
  - 1pc of ceiling power outlets
  - 1.5m long cord
- Závesný lankový set obsahuje:
  - 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
  - 2ks závesných laniek dĺžky 0,8m
  - 1ks sieťovej prípojnej krabičky na strop
  - číry prírodný elektrický kábel 1,5m dlhý

Optional Item / Príplatok	Order Code / objednávací kód
Wire rope suspension kit 1.5 m long	295-B-206-001-00-00
Závesná lanková sada dĺžky 1,5 m	295-B-206-001-00-00



Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AV-AT.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-400-04-00-00	1,6 kg
MULTIPRIMA-AV-AT.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-401-04-00-00	1,7 kg
MULTIPRIMA-AVA-AT+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-402-04-00-00	1,7 kg
MULTIPRIMA-AVA-AT+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-403-04-00-00	1,8 kg
MULTIPRIMA-AVB-AT+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-404-04-00-00	1,7 kg
MULTIPRIMA-AVB-AT+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-405-04-00-00	1,8 kg

**DALI Self-Contained**

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-AV-DALI.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-427-04-00-00	1,6 kg
MULTIPRIMA-AV-DALI.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-428-04-00-00	1,6 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
MULTIPRIMA-AV-ATXL.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-406-04-00-00	1,6 kg
MULTIPRIMA-AV-ATXL.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-407-04-00-00	1,7 kg
MULTIPRIMA-AVA-ATXL+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-408-04-00-00	1,7 kg
MULTIPRIMA-AVA-ATXL+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-409-04-00-00	1,8 kg
MULTIPRIMA-AVB-ATXL+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-410-04-00-00	1,7 kg
MULTIPRIMA-AVB-ATXL+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-411-04-00-00	1,8 kg

Page No.38

**Wireless CENTRALTEST ELMAX-ATRF**

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
MULTIPRIMA-AV-ATRF.1h	NM/M	1h	MidPower LEDs	N.A.	LiFePo4 6,4V/1,0Ah	295-B-412-04-00-00	1,6 kg
MULTIPRIMA-AV-ATRF.3h	NM/M	3h	MidPower LEDs	N.A.	LiFePo4 6,4V/2,0Ah	295-B-413-04-00-00	1,7 kg
MULTIPRIMA-AVA-ATRF+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-414-04-00-00	1,7 kg
MULTIPRIMA-AVA-ATRF+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-415-04-00-00	1,8 kg
MULTIPRIMA-AVB-ATRF+2xLED.1h	NM/M	1h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/1,0Ah	295-B-416-04-00-00	1,7 kg
MULTIPRIMA-AVB-ATRF+2xLED.3h	NM/M	3h	MidPwr LED+2x LED	- / 100 lm	LiFePo4 6,4V/2,0Ah	295-B-417-04-00-00	1,8 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AV 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-418-00-00-00	1,3 kg
C.PRIMALUX-AV 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	N.A.	295-B-419-00-00-00	1,3 kg
C.PRIMALUX-AVA+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-420-00-00-00	1,4 kg
C.PRIMALUX-AVA+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-421-00-00-00	1,4 kg
C.PRIMALUX-AVB+2xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-422-00-00-00	1,4 kg
C.PRIMALUX-AVB+2xLED 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+2x LEDs	100 lm	295-B-423-00-00-00	1,4 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AV-DALI 230V AC	DALI CBS	MidPower LEDs	N.A.	295-B-429-00-00-00	1,3 kg

Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PRIMALUX-AV-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	N.A.	295-B-424-00-00-00	1,4 kg
C.PRIMALUX-AVA-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	MidPwr LED+2x LED	100 lm	295-B-425-00-00-00	1,5 kg
C.PRIMALUX-AVB-ATXPR+2xLED 230V AC/DC	ATXP CBS ADDRESSABLE	MidPwr LED+2x LED	100 lm	295-B-426-00-00-00	1,5 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

# FALCON-P /-V



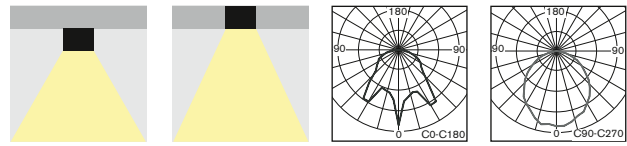
← → 30m

FALCON-P



← → 30m

FALCON-V



- Exclusive design orientated ceiling mounted fixture for 2IN1 function: antipanic & escape route sign in one fixture
- Available either for surface ceiling mounting (all "-P" versions) or for recessed mounting (all "-V" versions)
- Either non-maintained/ maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST (-AT) or DALI**
  - **CENTRALTEST (-ATXL)** for ELMAX LOOK system (look up also page No.36)
  - **Wireless CENTRALTEST (-ATRF)** for ELMAX-ATRF system (page No.38)
  - **CENTRAL BATTERY (C.PRIMALUX)** for **non-addressable CBS** (look up also page No.44)
  - **CENTRAL BATTERY (-ATXP)** for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Anodised AL profile base
  - PC diffuser

- Elegatné stropné núdzové svietidlo pre stropnú montáž (všetky "-P" verzie) alebo zapustenú montáž do stropu (všetky "-V" verzie)
- 2v1 dizajn, tj antipanic svietidlo a núdzové svietidlo s piktogramom v jednom
- Pre netrvalé/trvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách:
  - **AUTOTEST (-AT)** alebo **DALI**
  - **CENTRALTEST (-ATXL)** pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST (-ATRF)** pre ELMAX-ATRF systém (str.38)
  - **CENTRAL BATTERY (C.PRIMALUX)** pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY (-ATXP)** pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - základňa z eloxovaného hliníkového profilu
  - svetelno-činný kryt z polykarbonátu

## STANDARD FEATURES

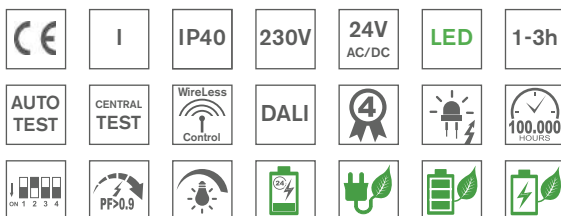
## STANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+102)
- **Intelligent battery charging** (intermittent charging, look up page No.51+102)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mód** (dimming 10%-100%, for more details look up page No.51+102)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 102)
- Special layered suspended legend for perfect smooth pictogram illumination
- Addressable CENTRALTEST communication module (for ATXL, ATXP, ATRF only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+102)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+102)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+102)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.102)
- špeciálne vrstvené závesné plexi pre perfektné rovnomerné osvetlenie piktogramu
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP, ATRF verzie)
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend - must be ordered as a separate item (look up also page No.104)**
- Wall or ceiling mounting brackets (look up also page No.104)
- Wire rope suspension set (look up also page No.104)
- Alternative colour surface treatment in RAL (min order quantity 50pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- pozri aj str.104)**
- nástenná, stropná alebo stropná závesná konzola (pozri aj str.104)
- lanková závesná sada (pozri aj str.104)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 50ks)



### Input Power:

- 5,3W/ 5,6VA (maintained M)
- 2,0W/ 3,8VA (non-maintained NM)
- 3,0W/ 5,1VA (CBS)



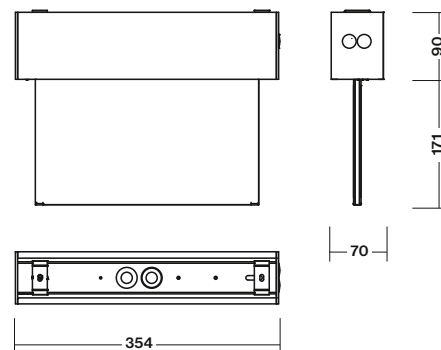
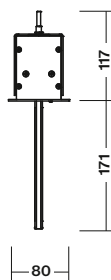
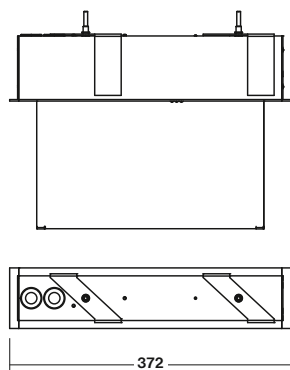
## RECESSED MOUNTING FALCON-V

## CEILING MOUNTING WITH SUSPENDED LEGEND FALCON-P



Recessed mounting hole size  
for all -V versions: 357x68mm

Rozmer montážneho otvoru  
pre verzie -V: 357x68mm



Page No.32

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
FALCON-P-AT.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-001-04-00-00	1,6 kg
FALCON-P-AT.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-002-04-00-00	1,7 kg
FALCON-V-AT.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-201-04-00-00	1,6 kg
FALCON-V-AT.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-202-04-00-00	1,7 kg

### DALI Self-Contained

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
FALCON-P-DALI.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-003-04-00-00	1,6 kg
FALCON-V-DALI.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-203-04-00-00	1,6 kg

Page No.36

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Duration	Light Source	Light Flux/Emerg.mode	Battery	Order Code	Weight
FALCON-P-ATXL.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-004-04-00-00	1,6 kg
FALCON-P-ATXL.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-005-04-00-00	1,7 kg
FALCON-V-ATXL.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-204-04-00-00	1,6 kg
FALCON-V-ATXL.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-205-04-00-00	1,7 kg

Page No.38

### Wireless CENTRALTEST ELMAX-ATRF

Type	Version	Duration	Light Source	Light Flux	Battery	Order Code	Weight
FALCON-P-ATRF.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-006-04-00-00	1,6 kg
FALCON-P-ATRF.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-007-04-00-00	1,7 kg
FALCON-V-ATRF.1h	NM/M	1h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/1,0Ah	333-B-206-04-00-00	1,6 kg
FALCON-V-ATRF.3h	NM/M	3h	MidPower LEDs	400 lm / 220lm	LiFePo4 6,4V/2,0Ah	333-B-207-04-00-00	1,7 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.FALCON-P 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	400lm	333-B-008-00-00-00	1,3 kg
C.FALCON-P 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	400lm	333-B-009-00-00-00	1,3 kg
C.FALCON-V 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	400lm	333-B-208-00-00-00	1,3 kg
C.FALCON-V 24V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	400lm	333-B-209-00-00-00	1,3 kg

### DALI CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.FALCON-P-DALI 230V AC/DC	DALI CBS	MidPower LEDs	480lm	333-B-010-00-00-00	1,3 kg
C.FALCON-V-DALI 230V AC/DC	DALI CBS	MidPower LEDs	480lm	333-B-210-00-00-00	1,3 kg

Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.FALCON-P-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	400lm	333-B-011-00-00-00	1,4 kg
C.FALCON-V-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	400lm	333-B-211-00-00-00	1,4 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

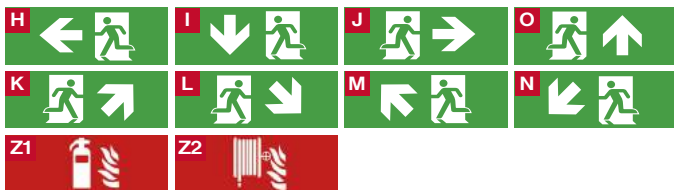


• **It is not included in standard package. It must be ordered as separate item !**

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)

• **nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !**

- rozoznateľnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



### Plexi Legend / plexi s pikto

Optional Item	Order Code
Double sided plexi H/J / obojstranné pikto H/J	309-B-000-00-00-01
Double sided plexi I / obojstranné pikto I	309-B-000-00-00-02
Single sided plexi H / jednostranné pikto H	309-B-000-00-00-03
Single sided plexi I / jednostranné pikto I	309-B-000-00-00-04
Single sided plexi J / jednostranné pikto J	309-B-000-00-00-05
Double sided plexi K/M / obojstranné pikto K/M	309-B-000-00-00-06
Double sided plexi L/N / obojstranné pikto L/N	309-B-000-00-00-07
Single sided plexi K / jednostranné pikto K	309-B-000-00-00-08
Single sided plexi L / jednostranné pikto L	309-B-000-00-00-09
Single sided plexi M / jednostranné pikto M	309-B-000-00-00-10
Single sided plexi N / jednostranné pikto N	309-B-000-00-00-11
Single sided plexi O / jednostranné pikto O	309-B-000-00-00-12
Double sided plexi O / obojstranné pikto O	309-B-000-00-00-13
Double sided plexi Z1 / obojstranné pikto Z1	309-B-000-00-00-27
Double sided plexi Z2 / obojstranné pikto Z2	309-B-000-00-00-28



Wire rope suspension set RAL9006 colour  
Lanková závesná sada v RAL9006 farbe



Optional Item / Príplatky	Order Code
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-18-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-60-00



## DIP SWITCH FEATURES No.1 DIP PREPÍNAČ č.1 - FUNKCIE SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY MODE**  
BATTERY



**ESCAPE SIGN Brightness in 230V**  
OFF = 100%  
BRIGHTNESS > 200cd/m<sup>2</sup>

**ECO MODE 10% (in 230V Mode)**  
ON = 10%  
BRIGHTNESS > 2cd/m<sup>2</sup>



## DIP SWITCH FEATURES No.2-4 DIP PREPÍNAČ č.2-4 - FUNKCIE SELF-CONTAINED BATTERY VERSIONS

**INSTALLATION MODE**  
SET UP

**M / NM**  
**NON-MAINTAINED / MAINTAINED MODE**  
SET UP

**AT / ATXL**  
**AUTOTEST / CENTRALTEST MODE**  
SET UP

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED

**DEFAULT SETTING / PREDNASTAVENÉ**  
ON - MAINTAINED  
OFF - NON-MAINTAINED

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

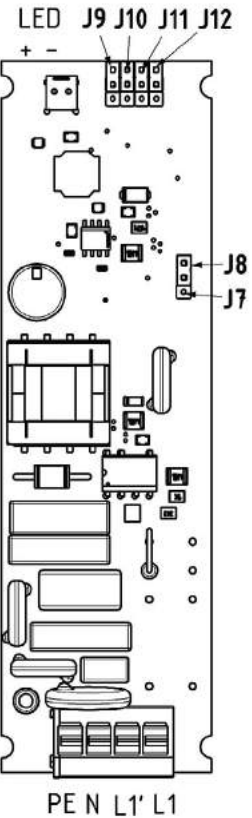
Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

## JUMPERS FEATURES JUMPER FUNKCIE CBS CENTRAL BATTERY VERSIONS

There is L1' logical input which allows to control the dimming function of the fixture by presence of 230V on L1'. During the first installation you can preset DIM level either 50% or 40% or 30% or 20% or 10%. The advantage of dimming feature is either energy saving or brightness reduction in e.g.cinema or theatre application.

Svietidlo je vybavené logickým vstupom L1', ktorým je ovládané stmievanie svietidla. Počas prvej inštalácie je možné nastaviť úroveň stmievania na 50% alebo 40% alebo 30% alebo 20% alebo 10%. Táto funkcia prispieva k zníženiu spotreby elektrickej energie alebo môže byť s výhodou použitá v kinách / divadlách, kde je počas predstavenia nežiadúci vysoký jas piktoqramu.

	<b>If 230V presents on L1:</b> Ak je 230V prítomných na L1 :	<b>FULL POWER</b> LEGEND BRIGHTNESS > 200cd/m <sup>2</sup> JAS PIKTOGRAMU > 200cd/m <sup>2</sup>
	<b>J9</b> CLOSE <input type="checkbox"/> <b>J10,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 50%</b>
	<b>J10</b> CLOSE <input type="checkbox"/> <b>J9,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 40%</b>
	<b>J11</b> CLOSE <input type="checkbox"/> <b>J9,10,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 30%</b>
	<b>J12</b> CLOSE <input type="checkbox"/> <b>J9,10,11</b> OPEN <input type="checkbox"/>	<b>ECO MODE 20%</b>
	<b>J9,10,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>



Logic of Dimming:

JUMPER	MAINS INPUT		Lighting Output
	L1	L1'	
J8 - CLOSE ( DEFAULT SETTING )	0	0	OFF
	0	1	OFF
	1	0	100%
	1	1	DIMM

JUMPER	MAINS INPUT		Lighting Output
	L1	L2 (L1')	
J7 - CLOSE	0	0	OFF
	0	1	OFF
	1	0	DIMM
	1	1	100%

Dimming options:

JUMPERS				DIMMING LEVEL
J9	J10	J11	J12	
OPEN	OPEN	OPEN	OPEN	10%
OPEN	OPEN	OPEN	CLOSE	20%
OPEN	OPEN	CLOSE	OPEN	30%
OPEN	CLOSE	OPEN	OPEN	40%
CLOSE	OPEN	OPEN	OPEN	50%

DIMM - see Dimming option



# PREMIUM LINE LEDLUX2

Transparent acrylic glass and unobtrusive design enhances aesthetic and functional aspects of LEDLUX type series. Thanks to the special layered glass design it achieves perfect uniformity of backlighting. Combined with the qualities of an innovative LED luminaire - extra-long service life at constant light output - this escape sign luminaire boasts a special talent for low operating costs. The luminaire proves its application flexibility with its range of installation options.

Číre závesné plexi a moderný nenápadný design vychádzajúci z kvalitných materiálov prehlbujú estetické a funkčné vlastnosti svietidiel typovej rady LEDLUX. Vďaka špeciálnemu vrstvenému plexi je dosiahnutá perfektná rovnomernosť osvetlenia piktogramu. V kombinácii s kvalitami inovatívneho LED svietidla - extra dlhá životnosť pri konštantnom svetelnom výkone - sa môže toto núdzové svietidlo pochváliť špeciálnym talentom pre nízke prevádzkové a servisné náklady. LEDLUX dokazuje svoju aplikačnú flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.3W/5.6VA (maintained M)
	2.0W/3.8VA (non-maintained NM)
	3.0W/5.1VA (CBS)
Suspended plexi	Layered design with high uniformity
Viewing distance	30m







**SUBWAY**

Available in black RAL9005 colour  
Order code on demand  
Dostupné aj čiernej RAL9005



Thanks to the advanced design of the suspended plexi diffuser the pictogram is perfectly uniformly illuminated on the whole surface

Vďaka špeciálnej vrstvenej štruktúre závesného plexi je jeho celá plocha perfektne rovnomerne nasvietená po celom povrchu



**AUTOTEST/CENTRALTEST**  
(only all MULTILED-AT/ATXL/ATRF versions):  
Monitor status by 3x LEDs and TEST button

**AUTOTEST/CENTRALTEST**  
(len pre všetky MULTILED-AT/ATXL/ATRF):  
3x LED pre signalizáciu stavu svietidla a TEST tlačítko

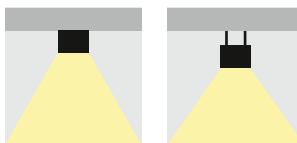
The whole assortment of accessories including all wire rope suspension, ceiling brackets and wall mounting brackets

Široká ponuka príplatkového príslušenstva zahrňujúceho závesné sady, konzoly pre montáž na stenu, resp. závesná konzola na strop





# CEILING MOUNTING WITH SUSPENDED LEGEND LEDLUX2-P



- Modern design orientated **surface mounted LED** non-maintained/maintained (NM/M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **Wireless CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (page No.38)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Legend luminance: >500cd/m<sup>2</sup> (white)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey), RAL9003 (white) or RAL9005 (black)

- Elegánntné stropné LED svietidlá pre **netrvalé/trvalé (NM/M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod.,** aj s funkciami:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém **ELMAX LOOK** (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre **ELMAX Wireless** systém (pozri str.38)
- **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- Jas piktogramu: >500cd/m<sup>2</sup> (white)
- konštrukcia: teleso z oceľového plechu vo farbe RAL9006 (šedá), RAL9003 (biela) alebo RAL9005 (čierna)

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE NiMh or LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+114)
- **Intelligent battery charging** (intermittent charging, look up page No.51+114)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+114)
  - Addressable CENTRALTEST communication module (for ATXL, ATXP, ATRF only)
  - LEDs indicating presence of power supply and signaling failures & TEST button

- **vysoko účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE NiMh alebo LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+114)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+114)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+114)
  - adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP, ATRF verzie)
  - signalizácia LED a TEST tlačítko

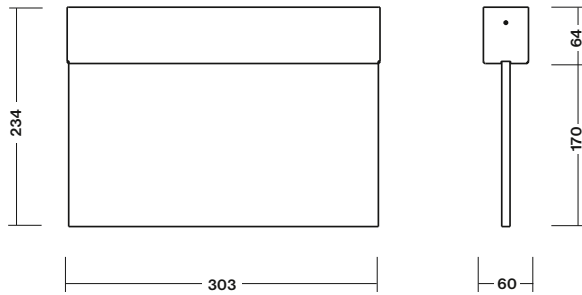
## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend - must be ordered as a separate item (look up also page No.110)**
- Wall or ceiling mounting brackets (look up also page No.110)
- Wire rope suspension set (look up also page No.110)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- pozri aj str.110)**
- nástenná, stropná alebo stropná závesná konzola (pozri aj str.110)
- lanková závesná sada (pozri aj str.110)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



CEILING MOUNTING WITH SUSPENDED LEGEND  
**LEDLUX2-P**



Light source	LED 5000K
	>500cd/m <sup>2</sup> (white luminance)
	>200cd/m <sup>2</sup> (average luminance)
Installed load	5.3W/5.6VA (maintained M)
	2.0W/3.8VA (non-maintained NM)
	3.0W/5.1VA (CBS)
Suspended plexi	Layered design with high uniformity
Viewing distance	30m

Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-AT.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-002-04-00-01	1,3 kg
MULTILED2-P-AT.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-002-04-00-02	1,3 kg
MULTILED2-P-AT.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-002-04-00-03	1,3 kg

**DALI Self-Contained**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-DALI.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-015-04-00-01	1,2 kg
MULTILED2-P-DALI.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-015-04-00-02	1,2 kg
MULTILED2-P-DALI.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-015-04-00-03	1,2 kg

Page No.36

**CENTRALTEST -ATXL ELMAX-LOOK**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-ATXL.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-004-04-00-01	1,4 kg
MULTILED2-P-ATXL.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-004-04-00-02	1,4 kg
MULTILED2-P-ATXL.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-004-04-00-03	1,4 kg

Page No.38

**Wireless CENTRALTEST ELMAX-ATRF**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P-ATRF.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-016-04-00-01	1,3 kg
MULTILED2-P-ATRF.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	309-B-016-04-00-02	1,3 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-P 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-007-00-00-01	1,0 kg
C.LEDLUX2-P 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-007-00-00-02	1,0 kg
C.LEDLUX2-P 230V AC/DC	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-007-00-00-05	1,0 kg
C.LEDLUX2-P 24V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-008-00-00-01	1,0 kg
C.LEDLUX2-P 24V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-008-00-00-02	1,0 kg

**DALI CENTRAL BATTERY (CBS)**

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-P-DALI 230V AC	Only Body, No Plexi incl.	Grey / šedá	DALI CBS	MidPower LEDs	309-B-017-00-00-01	1,0 kg
C.LEDLUX2-P-DALI 230V AC	Only Body, No Plexi incl.	White / biela	DALI CBS	MidPower LEDs	309-B-017-00-00-02	1,0 kg
C.LEDLUX2-P-DALI 230V AC	Only Body, No Plexi incl.	Black / čierna	DALI CBS	MidPower LEDs	309-B-017-00-00-03	1,0 kg

Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-P-ATXPR 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS ADDRESSABLE	MidPower LEDs	309-B-009-00-00-01	1,1 kg
C.LEDLUX2-P-ATXPR 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS ADDRESSABLE	MidPower LEDs	309-B-009-00-00-02	1,1 kg



• It is not included in standard package. It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance  $>500\text{cd/m}^2$  (white)

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !

- rozoznateľnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu  $>500\text{cd/m}^2$  (biela)



### Suspended Legend Accessory

Optional Item	Order Code
Double sided plexi with legend H/J	309-B-000-00-00-01
Double sided plexi with legend I	309-B-000-00-00-02
Single sided plexi with legend H	309-B-000-00-00-03
Single sided plexi with legend I	309-B-000-00-00-04
Single sided plexi with legend J	309-B-000-00-00-05
Double sided plexi with legend K/M	309-B-000-00-00-06
Double sided plexi with legend L/N	309-B-000-00-00-07
Single sided plexi with legend K	309-B-000-00-00-08
Single sided plexi with legend L	309-B-000-00-00-09
Single sided plexi with legend M	309-B-000-00-00-10
Single sided plexi with legend N	309-B-000-00-00-11
Single sided plexi with legend O	309-B-000-00-00-12
Double sided plexi with legend O	309-B-000-00-00-13
Double sided plexi with legend Z1	309-B-000-00-00-27
Double sided plexi with legend Z2	309-B-000-00-00-28

### Závesné plexi s piktogramom

Priplatok	Objednávaci kód
Obojstranné plexi s piktogramom H/J	309-B-000-00-00-01
Obojstranné plexi s piktogramom I	309-B-000-00-00-02
Jednostranné plexi s piktogramom H	309-B-000-00-00-03
Jednostranné plexi s piktogramom I	309-B-000-00-00-04
Jednostranné plexi s piktogramom J	309-B-000-00-00-05
Obojstranné plexi s piktogramom K/M	309-B-000-00-00-06
Obojstranné plexi s piktogramom L/N	309-B-000-00-00-07
Jednostranné plexi s piktogramom K	309-B-000-00-00-08
Jednostranné plexi s piktogramom L	309-B-000-00-00-09
Jednostranné plexi s piktogramom M	309-B-000-00-00-10
Jednostranné plexi s piktogramom N	309-B-000-00-00-11
Jednostranné plexi s piktogramom O	309-B-000-00-00-12
Obojstranné plexi s piktogramom O	309-B-000-00-00-13
Obojstranné plexi s piktogramom Z1	309-B-000-00-00-27
Obojstranné plexi s piktogramom Z2	309-B-000-00-00-28



# ACCESSORIES LEDLUX2-P

- Optional Accessories:**
- Wall brackets
  - Wire rope suspension set
- Príplatky:**
- nástenné konzoly
  - lankový záves



Parallel wall mounting bracket  
Konzola rovnobežne so stenou



RAL9003



RAL9006



RAL9005

Upright wall mounting bracket  
Konzola kolmo na stenu



RAL9003



RAL9006



RAL9005

Optional Item / Príplatky	Order Code
Parallel wall mounting bracket in white RAL9003 colour / nástenná konzola rovnobežne so stenou v bielej RAL9003	309-B-000-01-00-02
Parallel wall mounting bracket in grey RAL9006 colour / nástenná konzola rovnobežne so stenou v šedej RAL9006	309-B-000-01-00-01
Parallel wall mounting bracket in black RAL9005 colour / nástenná konzola rovnobežne so stenou v čiernej RAL9005	309-B-000-01-01-03
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	309-B-000-03-00-02
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	309-B-000-03-00-01
Upright wall mounting bracket in black RAL9005 colour / konzola kolmo na stenu v čiernej RAL9005	309-B-000-03-01-03
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,0m long in black RAL9005 colour / lanková závesná sada 1,0m dlhá v čiernej RAL9005 farbe	85-B-05-13-02
Wire rope suspension set 1,5m long in white RAL9003 colour / lanková závesná sada 1,5m dlhá v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lanková závesná sada 1,5m dlhá v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-18-00
Wire rope suspension set 3,5m long in white RAL9003 colour / lanková závesná sada 3,5m dlhá v bielej RAL9003 farbe	85-B-05-26-F1
Wire rope suspension set 3,5m long in grey RAL9006 colour / lanková závesná sada 3,5m dlhá v šedej RAL9003 farbe	85-B-05-26-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-27-F17







Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load	5.3W/5.6VA (maintained M) 2.0W/3.8VA (non-maintained NM) 3.0W/5.1VA (CBS)
Suspended plexi	Layered design with high uniformity
Viewing distance	30m



UNITED COLORS OF  
OF BENETTON.

UNITED COLORS OF BENETTON



50  
saldi





# DIP-SWITCH SET-UP FEATURES LEDLUX2-P



## DIP SWITCH FEATURES No.1 DIP PREPÍNAČ č.1 - FUNKCIE SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY MODE**  
BATTERY



**ESCAPE SIGN Brightness in 230V**  
OFF = 100%  
BRIGHTNESS > 200cd/m<sup>2</sup>

**ECO MODE 10% (in 230V Mode)**  
ON = 10%  
BRIGHTNESS > 2cd/m<sup>2</sup>



## DIP SWITCH FEATURES No.2-4 DIP PREPÍNAČ č.2-4 - FUNKCIE SELF-CONTAINED BATTERY VERSIONS

**INSTALLATION MODE**  
SET UP

**M / NM**  
NON-MAINTAINED / MAINTAINED MODE SET UP

**AT / ATXL**  
AUTOTEST / CENTRALTEST MODE SET UP

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED

**DEFAULT SETTING / PREDNASTAVENÉ**  
ON - MAINTAINED  
OFF - NON-MAINTAINED

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

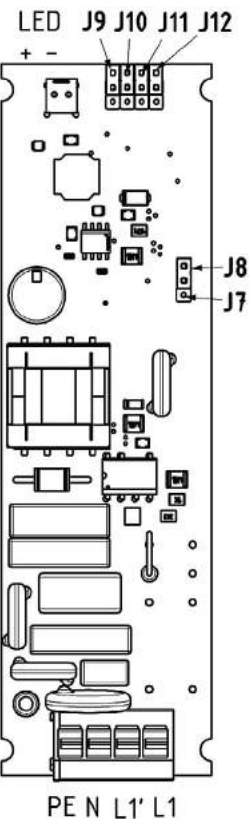
Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

## JUMPERS FEATURES JUMPER FUNKCIE CBS CENTRAL BATTERY VERSIONS

There is L1' logical input which allows to control the dimming function of the fixture by presence of 230V on L1'. During the first installation you can preset DIM level either 50% or 40% or 30% or 20% or 10%. The advantage of dimming feature is either energy saving or brightness reduction in e.g.cinema or theatre application.

Svietidlo je vybavené logickým vstupom L1', ktorým je ovládané stmievanie svetidla. Počas prvej inštalácie je možné nastaviť úroveň stmievania na 50% alebo 40% alebo 30% alebo 20% alebo 10%. Táto funkcia prispieva k zníženiu spotreby elektrickej energie alebo môže byť s výhodou použitá v kinách / divadlách, kde je počas predstavenia nežiadúci vysoký jas piktogramu.

	<b>If 230V presents on L1:</b> Ak je 230V prítomných na L1 :	<b>FULL POWER</b> LEGEND BRIGHTNESS > 200cd/m <sup>2</sup> JAS PIKTOGRAMU > 200cd/m <sup>2</sup>
	<b>J9</b> CLOSE <input type="checkbox"/> <b>J10,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 50%</b>
	<b>J10</b> CLOSE <input type="checkbox"/> <b>J9,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 40%</b>
	<b>J11</b> CLOSE <input type="checkbox"/> <b>J9,10,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 30%</b>
	<b>J12</b> CLOSE <input type="checkbox"/> <b>J9,10,11</b> OPEN <input type="checkbox"/>	<b>ECO MODE 20%</b>
	<b>J9,10,11,12</b> OPEN <input type="checkbox"/>	<b>ECO MODE 10%</b> LEGEND BRIGHTNESS > 2cd/m <sup>2</sup> JAS PIKTOGRAMU > 2cd/m <sup>2</sup>



### Logic of Dimming:

JUMPER	MAINS INPUT		Lighting Output
	L1	L1'	
J8 - CLOSE ( DEFAULT SETTING )	0	0	OFF
	0	1	OFF
	1	0	100%
	1	1	DIMM

JUMPER	MAINS INPUT		Lighting Output
	L1	L2 (L1')	
J7 - CLOSE	0	0	OFF
	0	1	OFF
	1	0	DIMM
	1	1	100%

### Dimming options:

JUMPERS				DIMMING LEVEL
J9	J10	J11	J12	
OPEN	OPEN	OPEN	OPEN	10%
OPEN	OPEN	OPEN	CLOSE	20%
OPEN	OPEN	CLOSE	OPEN	30%
OPEN	CLOSE	OPEN	OPEN	40%
CLOSE	OPEN	OPEN	OPEN	50%

DIMM - see Dimming option





# RECESSED MOUNTING WITH SUSPENDED LEGEND LEDLUX2-V



#### Input Power:

- 5,3W/ 5,6VA (maintained M)
- 2,0W/ 3,8VA (non-maintained NM)
- 3,0W/ 5,1VA (CBS)



- **NEW Generation** modern design **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **Wireless CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (page No.38)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Legend luminance >500cd/m<sup>2</sup> (white)
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)
- NOVÁ generácia moderného stropného zapusteného LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod.,** aj s funkciami:
  - **AUTOTEST** (-AT),
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX Wireless systém (str.38)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- jas piktogramu >500cd/m<sup>2</sup> (white)
- konštrukcia: teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

#### STANDARD

#### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+114)
- **Intelligent battery charging** (intermittent charging, look up page No.51+114)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+114)
- Addressable CENTRALTEST communication module (for ATXL, ATXP, ATRF only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- **vysoko účinné MidPower LED (150lm/W, 5000K)**  
**so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+114)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+114)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+114)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP, ATRF verzie)
- signalizácia LED a TEST tlačítko

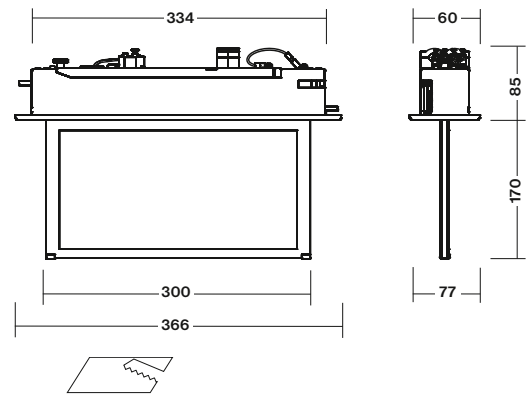
#### ACCESSORIES

#### PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend**  
(it must be ordered as a separate item- further details look up page No.118)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche**  
(plexi musí byť objednané samostatne podľa želaného piktogramu- viď str.118 pre detaily)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



## RECESSED WITH SUSPENDED LEGEND LEDLUX2-V



Recessed mounting hole size: 340 x 65 mm  
Rozmer montážneho otvoru : 340 x 65 mm

Page No.32

### AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-AT.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-102-04-00-01	1,3 kg
MULTILED2-V-AT.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-102-04-00-02	1,3 kg
MULTILED2-V-AT.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-102-04-00-03	1,3 kg

### DALI Self-Contained

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-DALI.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-115-04-00-01	1,2 kg
MULTILED2-V-DALI.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-115-04-00-02	1,2 kg
MULTILED2-V-DALI.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-115-04-00-03	1,2 kg

Page No.36

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-ATXL.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-104-04-00-01	1,4 kg
MULTILED2-V-ATXL.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-104-04-00-02	1,4 kg
MULTILED2-V-ATXL.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-104-04-00-03	1,4 kg

Page No.38

### Wireless CENTRALTEST ELMAX-ATRF

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V-ATRF.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-116-04-00-01	1,3 kg
MULTILED2-V-ATRF.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-116-04-00-02	1,3 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-V 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-107-00-00-01	1,0 kg
C.LEDLUX2-V 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-107-00-00-02	1,0 kg
C.LEDLUX2-V 230V AC/DC	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-107-00-00-03	1,0 kg
C.LEDLUX2-V 24V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-108-00-00-01	1,0 kg
C.LEDLUX2-V 24V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	309-B-108-00-00-02	1,0 kg

### DALI CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-V-DALI 230V AC	Only Body, No Plexi incl.	Grey / šedá	DALI CBS	MidPower LEDs	309-B-117-00-00-01	1,0 kg
C.LEDLUX2-V-DALI 230V AC	Only Body, No Plexi incl.	White / biela	DALI CBS	MidPower LEDs	309-B-117-00-00-02	1,0 kg
C.LEDLUX2-V-DALI 230V AC	Only Body, No Plexi incl.	Black / čierna	DALI CBS	MidPower LEDs	309-B-117-00-00-03	1,0 kg

Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-V-ATXPR 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS ADDRESSABLE	MidPower LEDs	309-B-109-00-00-01	1,1 kg
C.LEDLUX2-V-ATXPR 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS ADDRESSABLE	MidPower LEDs	309-B-109-00-00-02	1,1 kg



# ACCESSORIES LEDLUX2-V

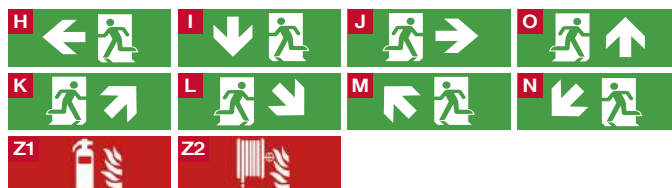


• It is not included in standard package.  
It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)

• Nie je súčasťou štandardného balenia svetidla.  
Musí byť objednané ako samostatná položka !

- rozoznateľnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



## Suspended plexi Accessory

Optional Item / Príplatok	Order Code / Objednávaci kód
Double sided plexi with legend H/J	309-B-000-00-00-01
Double sided plexi with legend I	309-B-000-00-00-02
Single sided plexi with legend H	309-B-000-00-00-03
Single sided plexi with legend I	309-B-000-00-00-04
Single sided plexi with legend J	309-B-000-00-00-05
Double sided plexi with legend K/M	309-B-000-00-00-06
Double sided plexi with legend L/N	309-B-000-00-00-07
Single sided plexi with legend K	309-B-000-00-00-08
Single sided plexi with legend L	309-B-000-00-00-09
Single sided plexi with legend M	309-B-000-00-00-10
Single sided plexi with legend N	309-B-000-00-00-11
Single sided plexi with legend O	309-B-000-00-00-12
Double sided plexi with legend O	309-B-000-00-00-13
Double sided plexi with legend Z1	309-B-000-00-00-27
Double sided plexi with legend Z2	309-B-000-00-00-28

## Závesné plexi s piktogramom

Príplatok	Objednávaci kód
Obojstranné plexi s piktogramom H/J	309-B-000-00-00-01
Obojstranné plexi s piktogramom I	309-B-000-00-00-02
Jednostranné plexi s piktogramom H	309-B-000-00-00-03
Jednostranné plexi s piktogramom I	309-B-000-00-00-04
Jednostranné plexi s piktogramom J	309-B-000-00-00-05
Obojstranné plexi s piktogramom K/M	309-B-000-00-00-06
Obojstranné plexi s piktogramom L/N	309-B-000-00-00-07
Jednostranné plexi s piktogramom K	309-B-000-00-00-08
Jednostranné plexi s piktogramom L	309-B-000-00-00-09
Jednostranné plexi s piktogramom M	309-B-000-00-00-10
Jednostranné plexi s piktogramom N	309-B-000-00-00-11
Jednostranné plexi s piktogramom O	309-B-000-00-00-12
Obojstranné plexi s piktogramom O	309-B-000-00-00-13
Obojstranné plexi s piktogramom Z1	309-B-000-00-00-27
Obojstranné plexi s piktogramom Z2	309-B-000-00-00-28



Hotel restaurant area emergency lighting application

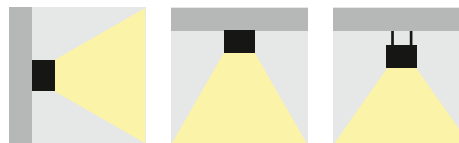




# WALL & CEILING MOUNTING WITH SUSPENDED LEGEND LEDLUX2-R



← → 30m



- Modern design orientated **surface mounted LED** non-maintained/maintained (NM/M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**
- It is equipped with the joint allowing to install the fixture either on the wall or ceiling without any additional bracket  
It is available in all following versions:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
  - **Wireless CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (page No.38)
  - **CENTRAL BATTERY** (C.LEDLUX-R) for **non-addressable CBS** (look up also page No.44)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Legend luminance  $>500\text{cd/m}^2$  (white)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: AL extruded profile body & die-casted end caps, all with PE powder coat finish RAL9006 (grey), RAL9003 (white) or RAL9005 (black)

- Elegantly LED svietidlá pre **netrvalé/trvalé** (NM/M) alebo **centrálne** (C) núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu navrhnuté pre **všeobecné použitie priestorov** ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod.,
- Svetidlo je vabavené otočným kĺbom, ktorý dovoľuje inštaláciu na strop alebo kolmu stenu bez potreby dodatočnej konzoly

- Verzie s funkciami:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX Wireless systém (pozri str.38)
  - **CENTRAL BATTERY** (C.LEDLUX-R) pre **neadresovateľné CBS** (pozri str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- Jas piktogramu  $>500\text{cd/m}^2$  (white)
- konštrukcia: teleso z extrudovaného AL profilu, čelá AL odliatky - vo farbe RAL9006 (šedá), RAL9003 (biela) alebo RAL9005 (čierna)

## STANDARD FEATURES

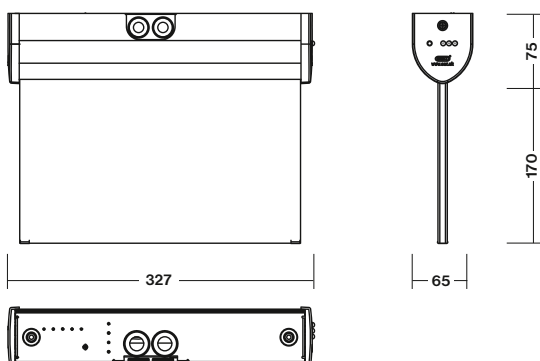
## STANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+122)
- **Intelligent battery charging** (intermittent charging, look up page No.51+122)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+122)
- Addressable CENTRALTEST communication module (for ATXL, ATXP, ATRF only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+122)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+122)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+122)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP, ATRF verzie)
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend - must be ordered as a separate item (look up also page No.122)**
- Wire rope suspension set (look up also page No.123)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- pozri aj str.122)**
- lanková závesná sada (pozri aj str.123)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min obj.100ks)





# WALL & CEILING MOUNTING WITH SUSPENDED LEGEND LEDLUX2-R



**RAL9005**  
Surface Treatment



**RAL9006**  
Surface Treatment



**RAL9003**  
Surface Treatment

Page No.32

## AUTOTEST -AT NM/M

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-R-AT.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-001-04-00-01	1,3 kg
MULTILED2-R-AT.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-001-04-00-02	1,3 kg
MULTILED2-R-AT.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-001-04-00-03	1,3 kg

## DALI SELF-CONTAINED

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-R-DALI.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-002-04-00-01	1,2 kg
MULTILED2-R-DALI.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-002-04-00-02	1,2 kg
MULTILED2-R-DALI.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-002-04-00-03	1,2 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-R-ATXL.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-003-04-00-01	1,4 kg
MULTILED2-R-ATXL.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-003-04-00-02	1,4 kg
MULTILED2-R-ATXL.3h RAL9005	Only Body, No Plexi incl.	Black / čierna	9xMidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-003-04-00-03	1,4 kg

Page No.38

## Wireless CENTRALTEST ELMAX-ATRF

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-R-ATRF.3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-004-04-00-01	1,3 kg
MULTILED2-R-ATRF.3h RAL9003	Only Body, No Plexi incl.	White / biela	MidPower LEDs	3h	LiFePo4 6,4V/1Ah	331-B-004-04-00-02	1,3 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-R 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	331-B-005-00-00-01	1,0 kg
C.LEDLUX2-R 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	331-B-005-00-00-02	1,0 kg
C.LEDLUX2-R 230V AC/DC	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	331-B-005-00-00-03	1,0 kg
C.LEDLUX2-R 24V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	331-B-006-00-00-01	1,0 kg
C.LEDLUX2-R 24V AC/DC	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	331-B-006-00-00-02	1,0 kg

## DALI CENTRAL BATTERY (CBS)

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-R-DALI 230V AC	Only Body, No Plexi incl.	Grey / šedá	DALI CBS	MidPower LEDs	331-B-007-00-00-01	1,0 kg
C.LEDLUX2-R-DALI 230V AC	Only Body, No Plexi incl.	White / biela	DALI CBS	MidPower LEDs	331-B-007-00-00-02	1,0 kg
C.LEDLUX2-R-DALI 230V AC	Only Body, No Plexi incl.	Black / čierna	DALI CBS	MidPower LEDs	331-B-007-00-00-03	1,0 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX2-R-ATXPR 230V AC/DC	Only Body, No Plexi incl.	Grey / šedá	CBS ADDRESSABLE	MidPower LEDs	331-B-008-00-00-01	1,1 kg
C.LEDLUX2-R-ATXPR 230V AC/DC	Only Body, No Plexi incl.	White / biela	CBS ADDRESSABLE	MidPower LEDs	331-B-008-00-00-02	1,1 kg

# LEDLUX2-R

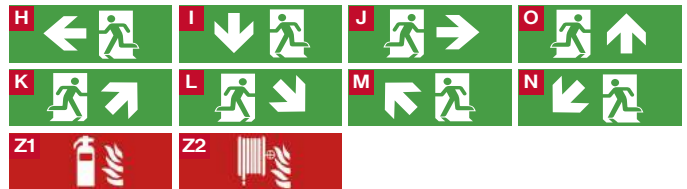


• It is not included in standard package. It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !

- rozoznatelnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



## Plexi Legend / plexi s pikto

Optional Item	Order Code
Double sided plexi H/J / obojstranné pikto H/J	309-B-000-00-00-01
Double sided plexi I / obojstranné pikto I	309-B-000-00-00-02
Single sided plexi H / jednostranné pikto H	309-B-000-00-00-03
Single sided plexi I / jednostranné pikto I	309-B-000-00-00-04
Single sided plexi J / jednostranné pikto J	309-B-000-00-00-05
Double sided plexi K/M / obojstranné pikto K/M	309-B-000-00-00-06
Double sided plexi L/N / obojstranné pikto L/N	309-B-000-00-00-07
Single sided plexi K / jednostranné pikto K	309-B-000-00-00-08
Single sided plexi L / jednostranné pikto L	309-B-000-00-00-09
Single sided plexi M / jednostranné pikto M	309-B-000-00-00-10
Single sided plexi N / jednostranné pikto N	309-B-000-00-00-11
Double sided plexi O / obojstranné pikto O	309-B-000-00-00-13
Double sided plexi Z1 / obojstranné pikto Z1	309-B-000-00-00-27
Double sided plexi Z2 / obojstranné pikto Z2	309-B-000-00-00-28



### DIP SWITCH FEATURES No.1-4 DIP PREPÍNAČ č.1-4 : FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY MODE**  
BATTERY



**ESCAPE SIGN Brightness in 230V**  
OFF = 100%  
BRIGHTNESS > 200cd/m<sup>2</sup>

**ECO MODE 10% (in 230V Mode)**  
ON = 10%  
BRIGHTNESS > 2cd/m<sup>2</sup>

**INSTALLATION MODE**  
SET UP

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - ACTIVATED  
ON - DEACTIVATED

**M / NM**  
**NON-MAINTAINED / MAINTAINED MODE**  
SET UP

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - NON-MAINTAINED

**AT / ATXL**  
**AUTOTEST / CENTRALTEST MODE**  
SET UP

**DEFAULT SETTING / PREDNASTAVENÉ**  
OFF - AUTOTEST  
ON - CENTRALTEST

TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY

Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

### JUMPER FEATURES

### CBS CENTRAL BATTERY VERSIONS

There is L1' logical input which allows to control the dimming function of the fixture by presence of 230V on L1'. During the first installation you can preset DIM level either 50% or 40% or 30% or 20% or 10%. The advantage of dimming feature is either energy saving or brightness reduction in e.g.cinema or theatre application.

Svietidlo je vybavené logickým vstupom L1', ktorým je ovládané stmievanie svietidla. Počas prvej inštalácie je možné nastaviť úroveň stmievania na 50% alebo 40% alebo 30% alebo 20% alebo 10%. Táto funkcia prispieva k zníženiu spotreby elektrickej energie alebo môže byť s výhodou použitá v kinách / divadlách, kde je počas predstavenia nežiadúci vysoký jas piktogramu.

#### Logic of Dimming:

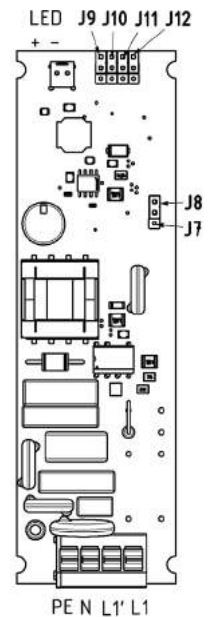
JUMPER	MAINS INPUT		Lighting Output
	L1	L1'	
J8 - CLOSE ( DEFAULT SETTING )	0	0	OFF
	0	1	OFF
	1	0	100%
	1	1	DIMM

JUMPER	MAINS INPUT		Lighting Output
	L1	L2 (L1')	
J7 - CLOSE	0	0	OFF
	0	1	OFF
	1	0	DIMM
	1	1	100%

DIMM - see Dimming option

#### Dimming options:

JUMPERS				DIMMING LEVEL
J9	J10	J11	J12	
OPEN	OPEN	OPEN	OPEN	10%
OPEN	OPEN	OPEN	CLOSE	20%
OPEN	OPEN	CLOSE	OPEN	30%
OPEN	CLOSE	OPEN	OPEN	40%
CLOSE	OPEN	OPEN	OPEN	50%



**If 230V presents on L1:**  
Ak je 230V prítomných na L1 :

**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



J9 CLOSE J10,11,12 OPEN

**ECO MODE 50%**



J10 CLOSE J9,11,12 OPEN

**ECO MODE 40%**



J11 CLOSE J9,10,12 OPEN

**ECO MODE 30%**



J12 CLOSE J9,10,11 OPEN

**ECO MODE 20%**



J9,10,11,12 OPEN

**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

## ACCESSORIES LEDLUX2-R



- Optional Accessories:**
- Wall brackets
  - Wire rope suspension set
- Príplatky:**
- nástenné konzoly
  - lankový záves

Upright wall mounting bracket  
Konzola kolmo na stenu



RAL9003



RAL9006



RAL9005

Optional Item / Príplatky	Order Code / objedn.kód
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	331-B-000-01-00-02
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	331-B-000-01-00-01
Upright wall mounting bracket in black RAL9005 colour / konzola kolmo na stenu v čiernej RAL9005	331-B-000-01-00-03
Wire rope suspension set 1,0m long in white RAL9003 colour / lanková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lanková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,0m long in black RAL9005 colour / lanková závesná sada 1,0m dlhá v čiernej RAL9005 farbe	85-B-05-13-02
Wire rope suspension set 1,5m long in white RAL9003 colour / lanková závesná sada 1,5m dlhá v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lanková závesná sada 1,5m dlhá v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lanková závesná sada 2,0m dlhá v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lanková závesná sada 2,0m dlhá v šedej RAL9006 farbe	85-B-05-18-00
Wire rope suspension set 3,5m long in white RAL9003 colour / lanková závesná sada 3,5m dlhá v bielej RAL9003 farbe	85-B-05-26-F1
Wire rope suspension set 3,5m long in grey RAL9006 colour / lanková závesná sada 3,5m dlhá v šedej RAL9003 farbe	85-B-05-26-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubková závesná sada 1,0m dlhá v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubková závesná sada 1,0m dlhá v šedej RAL9006 farbe	85-B-05-27-F17



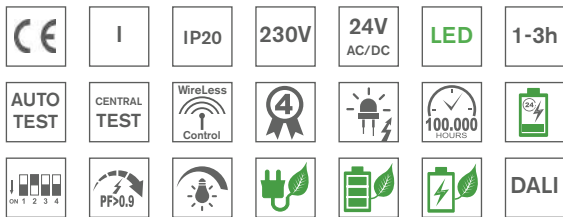


# WALL MOUNTING WITH OPTIONAL SIDE LEDS TRACKLUX



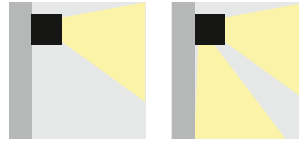
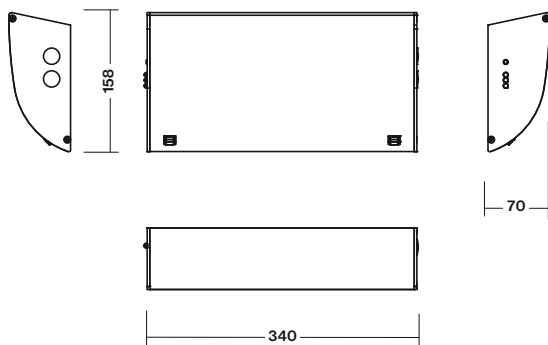
← → 34m

TRACKLUX as only escape route sign



#### Input Power:

- 5,8W/ 6,1VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)



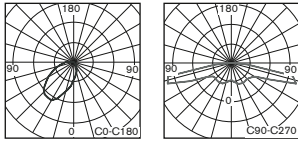
- multifunctional wall mounted powerful LED fixture available also with 2 bottom LEDs for escape route illumination:
  - **version "A"** is direct beam distributing light in front of the fixture, suitable for areas such as all **above door, staircase, elevator waiting zone**, etc
  - **version "B"** is side beam distributing light to both side direction in order to illuminate a **corridor area**
- for all non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:
  - **AUTOTEST (-AT)** or **DALI**
  - **CENTRALTEST (-ATXL)** for ELMAX-Look Mini system (look up also page 36)
  - **Wireless CENTRALTEST (-ATRF)** for **ELMAX Wireless** system (page No.38)
  - **CENTRAL BATTERY (C.TRACKLUX)** for **non-addressable CBS** (page 44)
  - **CENTRAL BATTERY (-ATXP)** for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Diffuser made from polycarbonate
  - End caps made AL painted in white RAL9003
  - Base made from extruded AL profile painted in white RAL9003
- elegantné nástenné LED núdzové svietidlo v 3 verziách, z ktorých 2 majú dve výkonné spodné LED pre osvetlenie únikovej cesty a to:
  - verzie "A" - svetelný tok je nasmerovaný priamo pred svietidlo na podlahu, zvlášť vhodné pre osvetlenie prietorov pred dvermi (montáž nad dvere), na schodisku, pri výtahoch a pod.
  - verzie "B" - svetelný tok je nasmerovaný do oboch strán, zvlášť vhodné pre osvetlenie chodieb a koridorov
- pre trvalé/netrválne (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST (-AT)** alebo **DALI**
  - **bezdrôtový CENTRALTEST (-ATRF)** pre ELMAX Wireless systém (pozri str.38)
  - **CENTRALTEST (-ATXL)** pre systém ELMAX-LOOK Mini (pozri str.36)
  - **CENTRAL BATTERY (C.TRACKLUX2)** pre **neadresovateľné CBS** (str. 44)
  - **CENTRAL BATTERY (-ATXP)** pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - kryt svietidla vyrobený z nerozbitného polykarbonátu
  - bočnice AL lakované RAL9003
  - základňa svietidla - extrudovaný AL profil lakovaný RAL9003

#### STANDARD FEATURES

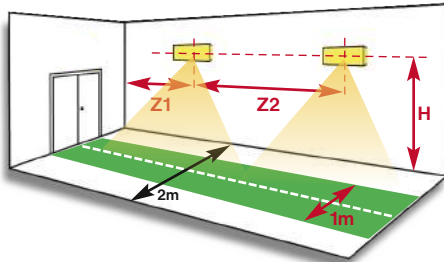
#### STANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **2pcs of High-Power bottom LEDs 120lm/W** for floor escape route illumination (valid only for all "+2xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+126)
- **Intelligent battery charging** (intermittent charging, look up page No.51+126)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+126)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51)
  - **2 bottom LEDs control** (ON/OFF during operation on mains 230V, page No.126)
- Addressable CENTRALTEST communication module (for ATXL, ATXP only)
- LEDs indicating presence of power supply and signaling failures + TEST button
- Self-adhesive legends
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **2 výkonné LED 120lm/W pre osvetlenie únikovej cesty na podlahe** (len pri "+2xLED" verziách)
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+126)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+126)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+126)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.126)
- ovládanie **2 spodných LED** (zap/vyp počas normálneho režimu 230V, pozri aj str.126)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP verzie)
- signalizácia LED a TEST tlačítko
- samolepiace piktogramy





Valid for all **+2xLED-A versions**  
 Pre všetky verzie **+2xLED-A**



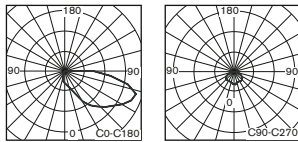
For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

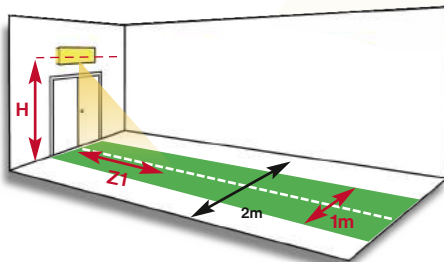
H (m)	Z1 (m)	Z2 (m)
2,30	8	17



TRACKLUX-A+2xLED



Valid for all **+2xLED-B versions**  
 Pre všetky verzie **+2xLED-B**



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

**1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX**

H (m)	Z1 (m)
2,30	6



TRACKLUX-B+2xLED

# DIP-SWITCH SET-UP FEATURES TRACKLUX



ENERGY SAVING  
ECO MODE  
SET UP



2/200  
cd/m<sup>2</sup>

NO  
AT

## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY**  
BATTERY MODE



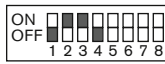
**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicator  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



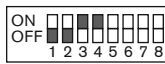
**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



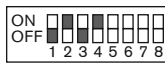
**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



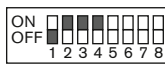
**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



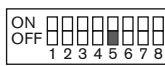
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



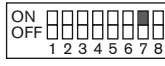
**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



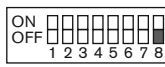
**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



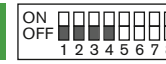
**NO-AUTOTEST**  
MODE  
SET UP



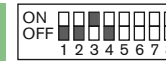
**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST ACTIVE**  
ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS

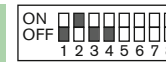
**CBS CENTRAL**  
BATTERY



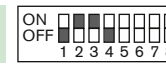
**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**L1' FUNCT.**  
**LOGIC**  
SET UP

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

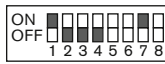
Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny

## DIP SWITCH FEATURES No.1-4 / DIP PREPÍNAČ č.1-4 - FUNKCIE

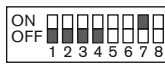
### SELF-CONTAINED BATTERY VERSIONS (not valid for DALI versions)

**NORMAL MODE**  
230V MAINS

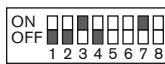
**EMERGENCY**  
BATTERY MODE



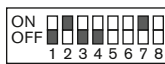
**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION



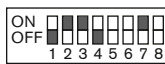
**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicator  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



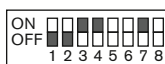
**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



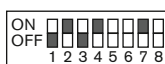
**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



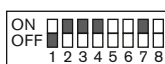
**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



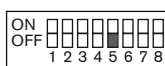
**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



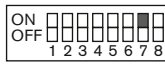
**INSTALLATION**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED



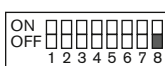
**NON-MAINTAINED /**  
**MAINTAINED**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED



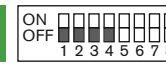
**NO-AUTOTEST**  
MODE  
SET UP



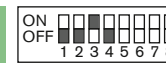
**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST ACTIVE**  
ON - NO-AUTOTEST

### CBS CENTRAL BATTERY VERSIONS (not valid for DALI versions)

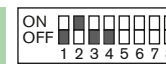
**CBS CENTRAL**  
BATTERY



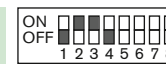
**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



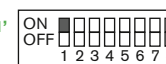
**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ONLY FOR CBS VERSIONS**  
ON - +2 BOTTOM LEDS CONTROL  
OFF - DIMMING

**L1' INPUT**  
**INPUT L1'**  
**FUNCT.**  
SET UP



**ONLY FOR CBS VERSIONS**  
ON - NEGATIVE  
OFF - POSITIVE

**L1' FUNCT.**  
**LOGIC**  
SET UP

**TO SEE THE CHANGE EITHER PUSH THE TEST BUTTON OR  
DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**

Po prestavení stlačte TEST alebo odpojte batériu a pripojenie na sieť na aktiváciu zmeny



Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Light Source	Duration	Battery	Order Code	Weight
TRACKLUX-AT.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	334-B-001-04-00-00	1,2 kg
TRACKLUX-AT.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	334-B-002-04-00-00	1,3 kg
TRACKLUX-A-AT+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-003-04-00-00	1,3 kg
TRACKLUX-A-AT+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-004-04-00-00	1,4 kg
TRACKLUX-B-AT+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-005-04-00-00	1,3 kg
TRACKLUX-B-AT+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-006-04-00-00	1,4 kg

**DALI SELF-CONTAINED**

Type	Version	Light Source	Duration	Battery	Order Code	Weight
TRACKLUX-DALI.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	334-B-007-04-00-00	1,2 kg
TRACKLUX-DALI.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	334-B-008-04-00-00	1,4 kg

Page No.36

**CENTRALTEST ELMAX-LOOK**

Type	Version	Light Source	Duration	Battery	Order Code	Weight
TRACKLUX-ATXL.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	334-B-013-04-00-00	1,2 kg
TRACKLUX-ATXL.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	334-B-014-04-00-00	1,3 kg
TRACKLUX-A-ATXL+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-015-04-00-00	1,3 kg
TRACKLUX-A-ATXL+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-016-04-00-00	1,4 kg
TRACKLUX-B-ATXL+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-017-04-00-00	1,3 kg
TRACKLUX-B-ATXL+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-018-04-00-00	1,4 kg

Page No.38

**Wireless CENTRALTEST ELMAX-ATRF**

Type	Version	Light Source	Duration	Battery	Order Code	Weight
TRACKLUX-ATRF.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	334-B-019-04-00-00	1,2 kg
TRACKLUX-ATRF.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	334-B-020-04-00-00	1,3 kg
TRACKLUX-A-ATRF+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-021-04-00-00	1,3 kg
TRACKLUX-A-ATRF+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-022-04-00-00	1,4 kg
TRACKLUX-B-ATRF+2xLED.1h	NM/M	MidPower LEDs 5000K + 2xHighPower	1h	LiFePo4 6,4V/1,0Ah	334-B-023-04-00-00	1,3 kg
TRACKLUX-B-ATRF+2xLED.3h	NM/M	MidPower LEDs 5000K + 2xHighPower	3h	LiFePo4 6,4V/2,0Ah	334-B-024-04-00-00	1,4 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	CBS Version for	Light Source	Order Code	Weight
C.TRACKLUX 230V AC/DC	CBS NON-ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	334-B-025-00-00-00	1,1 kg
C.TRACKLUX-A 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs 5000K + 2xHighPower	334-B-026-00-00-00	1,1 kg
C.TRACKLUX-B 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs 5000K + 2xHighPower	334-B-027-00-00-00	1,1 kg

**DALI CENTRAL BATTERY (CBS)**

Type	CBS Version for	Light Source	Order Code	Weight
C.TRACKLUX-DALI 230V AC	DALI CBS	SAMSUNG MidPower LEDs 5000K	334-B-028-00-00-00	1,1 kg

Page No.40

**Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX**

Type	CBS Version for	Light Source	Order Code	Weight
C.TRACKLUX-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	334-B-031-00-00-00	1,1 kg
C.TRACKLUX-A-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs 5000K + 2xHighPower	334-B-032-00-00-00	1,1 kg
C.TRACKLUX-B-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs 5000K + 2xHighPower	334-B-033-00-00-00	1,1 kg

# ARRISLUX

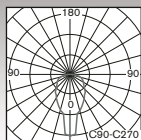
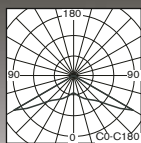


← → 22m

C.ARRISLUX2 / MULTIARRIS2-AT



C.ARRISLUX2-A+1xLED / MULTIARRIS2-AT-A+1xLED



• Wall or ceiling mounted fixture in triangular shape for non-maintained/maintained (NM/M) or CBS (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.ARRISLUX) for **non-addressable CBS** available also in 2 circuit version (1 circuit for picto illumination and another circuit for bottom HighPower LED if present - 2x230V version) - Page No.44

• Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

- Metal sheet base painted in RAL9003 colour
- IMPACT resistant polycarbonate diffuser (the legend must be ordered as separate item)

• elegantné núdzové svietidlo "trojuholnikového" tvaru pre trvalé/netrvalé (NM/M) alebo (C) CBS centrálne napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.ARRISLUX) pre **neadresovateľné CBS** (str.44)

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia:

- základňa z ocelového plechu v bielej farbe RAL9003
- nerozbitný polykarbonátový svetelno-činný (piktogram musí byť objednaný samostatne)

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **High-Power Bottom LED 120lm/W** for floor either **ESCAPE ROOT** illumination (valid only for all "-A+1xLED" versions) or **SPOT BEAMER** for fire fighting equipment illumination 5lx level (valid only for all "-B+1xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE NiMH battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51)
- LEDs indicating presence of power supply and signaling failures & TEST button

• **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**

• **Výkonné LED 120lm/W pre osvetlenie únikovej cesty** na podlahe (len pri všetkých "-A+1xLED" verziách) alebo pre **SPOT osvetlenie** hasiaceho prístroja/hydrantu >5lx (len pri všetkých "-B+1xLED" verziách)

• **progressívna elektronická jednotka**

• **LONGLIFE NiMH batéria**

• **Inštalčný mód** (ochrana batérie, pozri aj str.51)

• **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)

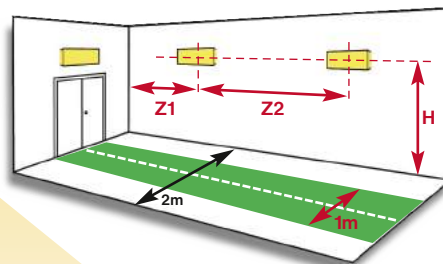
• **DIP prepínač** umožňujúci prednastavenie funkcií:

• **ECO Mód** (stmievanie 10%-100%, pozri aj str.51)

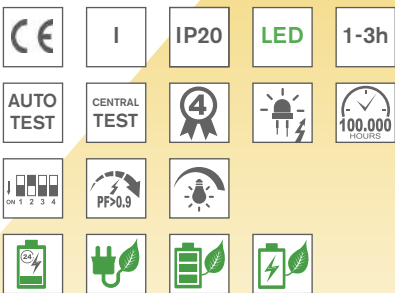
• **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51)

• signalizácia LED a TEST tlačítko

Valid for all **+1xLED-A versions** / wall mounting  
Pre všetky verzie **+1xLED-A** / montáž na stenu

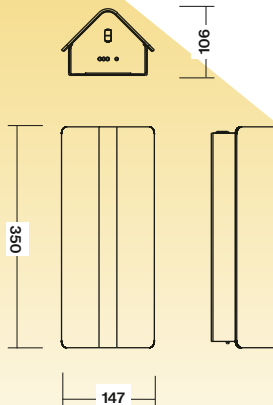


For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).



### Input Power:

- 7,0W/ 7,4VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 6,1W/ 6,3VA (CBS)



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Z1 (m)	Z2 (m)
2,30	10	20
2,75	8	16

# CEILING OR WALL MOUNTING WITH OPTIONAL BOTTOM LED ARRISLUX

C.ARRISLUX2-B+1xLED / MULTIARRIS2-AT-B+1xLED



- Self-adhesive LEGENDS are not included in standard package. **MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance: 22m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)
- Samolepiace piktogramy nie sú súčasťou štandardného balenia svietidla. **MUSIA BYŤ OBJEDNANÝ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznatelnosť piktogramu: 22m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



## Legends / Piktogramy

Optional Item / Príplatok	Order Code / Objednávaci kód
Picto H/J Horizontal Mounting / horizontálne	324-B-000-01-00-00
Picto I/I Horizontal Mounting / horizontálne	324-B-000-02-00-00
Picto H/J Vertical Mounting / vertikálne	324-B-000-03-00-00
Picto J/H Vertical Mounting / vertikálne	324-B-000-04-00-00
Picto I/I Vertical Mounting / vertikálne	324-B-000-05-00-00
Picto Z1/Z1 Vertical Mounting / vertikálne	324-B-000-06-00-00
Picto Z2/Z2 Vertical Mounting / vertikálne	324-B-000-07-00-00
Picto Z1/Z2 Vertical Mounting / vertikálne	324-B-000-08-00-00



Page No.32

## AUTOTEST -AT NM/M

Type	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIARRIS2-AT.1h	MidPower LEDs	NA	LiFePo4 6,4V/1,0Ah	324-B-001-04-00-00	1,4 kg
MULTIARRIS2-AT.3h	MidPower LEDs	NA	LiFePo4 6,4V/2,0Ah	324-B-002-04-00-00	1,5 kg
MULTIARRIS2-AT-A+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	LiFePo4 6,4V/1,0Ah	324-B-003-04-00-00	1,5 kg
MULTIARRIS2-AT-B+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	LiFePo4 6,4V/1,0Ah	324-B-004-04-00-00	1,5 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.ARRISLUX2 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	NA	324-B-005-00-00-00	1,2 kg
C.ARRISLUX2-A+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	324-B-006-00-00-00	1,3 kg
C.ARRISLUX2-B+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	324-B-007-00-00-00	1,3 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx



# TRIPLELUX

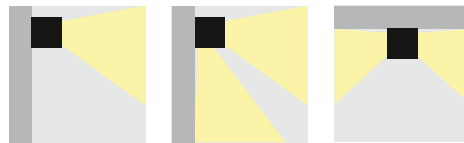
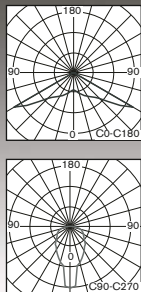


← → 32m

C.TRIPLELUX2 / MULTITRIPLE2-AT



C.TRIPLELUX2-A+1xLED / MULTITRIPLE2-AT-A+1xLED



• Wall or ceiling mounted fixture in triangular shape for non-maintained/maintained (NM/M) or CBS (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.TRIPLELUX) for **non-addressable CBS** available also in 2 circuit version (1 circuit for legend illumination and another circuit for bottom HighPower LED if present) - see also page No.44
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Metal sheet base painted in RAL9003 colour
  - Acrylic diffuser (the legend must be ordered as separate item)

• elegantné núdzové svietidlo "trojuholnikového" tvaru pre trvalé/netrvalé (NM/M) alebo (C) CBS centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.TRIPLELUX) pre **neadresovateľné CBS** (str.44) je v ponuke aj ako dvojokruhovú, tj osvetlenie piktogramu a spodnej LED má svoj vlastný predradník

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia:

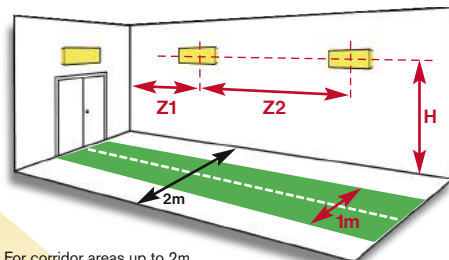
- základňa z oceleového plechu v bielej farbe RAL9003
- svetelno-činný z plexi (piktogram musí byť objednaný samostatne)

## STANDARD FEATURES

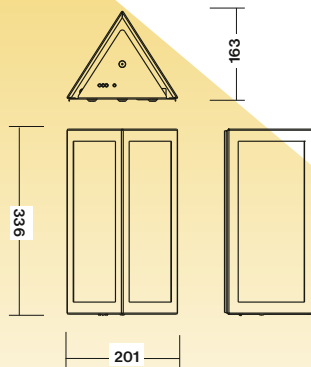
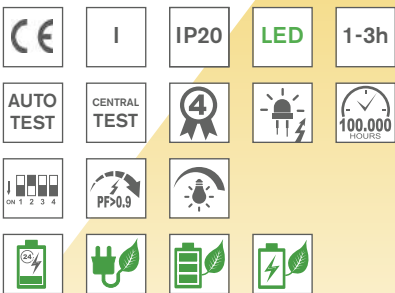
## STANDARDNÁ VÝBAVA

- **High efficient (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **High-Power Bottom LED 120lm/W** for floor either **ESCAPE ROOT** illumination (valid only for all "-A+1xLED" versions) or **SPOT BEAMER** for fire fighting equipment illumination 5lx level (valid only for all "-B+1xLED" versions)
- **NEW Advanced Electronics**
- **LONGLIFE battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+126)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, look up page 51+126)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné LED (150lm/W, 5000K) so životnosťou min.100000h**
- **Výkonné LED 120lm/W** pre osvetlenie únikovej cesty na podlahe (len pri všetkých "-A+1xLED" verziách) alebo pre **SPOT osvetlenie** hasiaceho prístroja / hydrantu >5lx (len pri všetkých "-B+1xLED" verziách)
- **progressívna elektronická jednotka**
- **LONGLIFE batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+126)
  - **ENERGY Saving Mód** (osvetlenie piktogramu na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51+126)
- signalizácia LED a TEST tlačítko

Valid for all **+1xLED-A versions** / wall mounting  
Pre všetky verzie **+1xLED-A** / montáž na stenu



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).



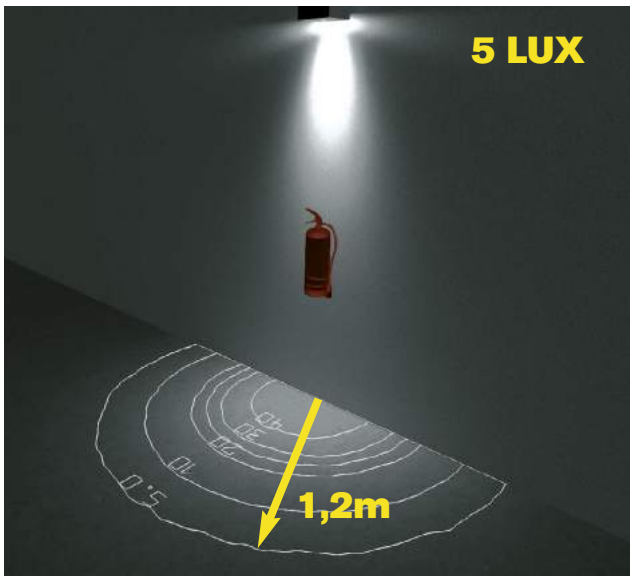
### Input Power:

- 7,0W/ 7,4VA (maintained M)
- 2,0W/ 3,9VA (non-maintained NM)
- 9,6W/ 10,6VA (CBS)

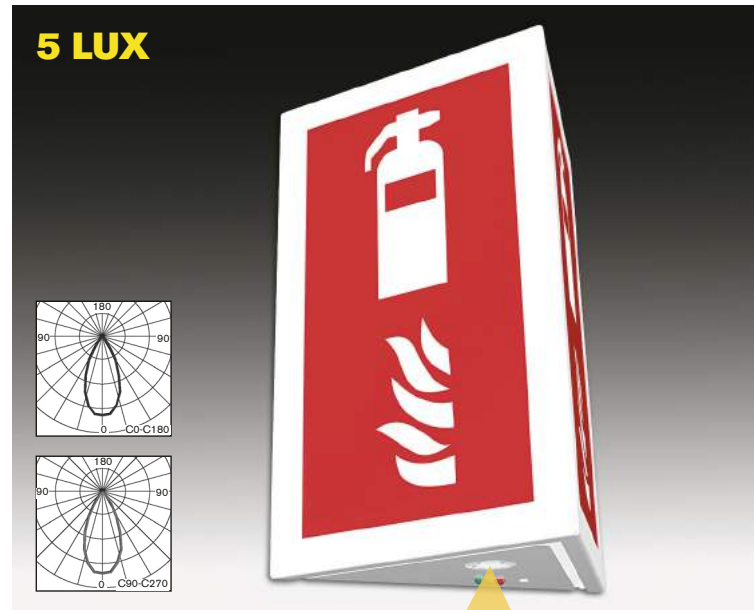
### 1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Z1 (m)	Z2 (m)
2,30	10	20
2,75	8	16

# CEILING OR WALL MOUNTING WITH OPTIONAL BOTTOM LED TRIPLELUX



C.TRIPLELUX2-B+1xLED / MULTITRIPLE2-AT-B+1xLED



- The self-adhesive LEGENDS are not included in standard package. **MUST BE ORDERED AS SEPARATE ITEM !**
- 2pcs/fixture are needed
- Viewing Distance: 32m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)
- Samolepiace piktogramy nie sú súčasťou štandardného balenia svetidla. **MUSIA BYŤ OBJEDNANÝ AKO SAMOSTATNÁ POLOŽKA !**
- potrebné 2ks/svietidlo
- rozoznatelnosť piktogramu: 32m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



## Legends / Piktogramy

Optional Item / Pripatok	Order Code / Objednávaci kód
Picto H Horizontal Mounting / horizontálne	41-B-200-00-00-01
Picto I Horizontal Mounting / horizontálne	41-B-200-00-00-02
Picto J Horizontal Mounting / horizontálne	41-B-200-00-00-03
Picto H Vertical Mounting / vertikálne	41-B-200-00-00-04
Picto I Vertical Mounting / vertikálne	41-B-200-00-00-05
Picto J Vertical Mounting / vertikálne	41-B-200-00-00-06
Picto Z1 Vertical Mounting / vertikálne	41-B-200-00-00-07
Picto Z2 Vertical Mounting / vertikálne	41-B-200-00-00-08

Page No.162

## AUTOTEST -AT NM/M

Type	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTITRIPLE2-AT.1h	MidPower LEDs	NA	LiFePo4 6,4V/1,0Ah	41-B-100-04-00-00	1,4 kg
MULTITRIPLE2-AT.3h	MidPower LEDs	NA	LiFePo4 6,4V/2,0Ah	41-B-101-04-00-00	1,5 kg
MULTITRIPLE2-AT-A+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	LiFePo4 6,4V/1,0Ah	41-B-102-04-00-00	1,5 kg
MULTITRIPLE2-AT-B+1xLED.1h	MidPower LEDs+1xHighPower	110 lm / 110 lm	LiFePo4 6,4V/1,0Ah	41-B-103-04-00-00	1,5 kg

Page No.174

## CENTRAL BATTERY (CBS)

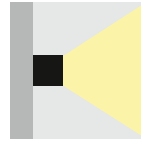
Type	Version	Light Source	Light Flux	Order Code	Weight
C.TRIPLELUX2 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	NA	41-B-104-00-00-00	1,2 kg
C.TRIPLELUX2-A+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-105-00-00-00	1,3 kg
C.TRIPLELUX2-B+1xLED 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-106-00-00-00	1,3 kg
C.TRIPLELUX2-B+1xLED 2x230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs+1xHighPower	110 lm	41-B-107-00-00-00	1,3 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

# WALL MOUNTING L & XL VIEWING DISTANCE LEGEND L/XL SIZE



Most advanced "V" twin LED light source with perfect light distribution. It is equipped with high efficient (150lm/W) LONGLIFE LEDs with the lifetime >100.000h



- **Big Viewing Distance** IP65 wall mounted powerful LED fixture for all non-maintained/maintained (NM/M) or CBS (C) emergency lighting, especially designed for application such as **train/metro/bus stations, subways, football stadiums, parking garages**, etc. available in all following versions:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **Wireless CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (page No.38)
  - **CENTRALTEST** (-ATXL) for ELMAX-Look Mini system (look up also page 36)
  - **CENTRAL BATTERY** (C.xx) for **non-addressable CBS** (page 44)
  - **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX Mini & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - cover made from polycarbonate
  - Base made from ABS

- nástenné núdzové svietidlo s veľkým piktoqramom pre aplikácie, kde je vyžadovaná **veľká pozorovacia vzdialenosť a IP65 ako napr. stanice, podchody, štadióny, parkovacie domy** a pod.
- pre trvalé/netrválne (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX Wireless systém (pozri str.38)
  - **CENTRALTEST** (-ATXL) pre systém ELMAX-LOOK Mini (pozri str.36)
  - **CENTRAL BATTERY** (C.xx) pre **neadresovateľné CBS** (str. 44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX Mini s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - kryt svietidla vyrobený z polykarbonátu
  - základňa svietidla - ABS

## STANDARD FEATURES

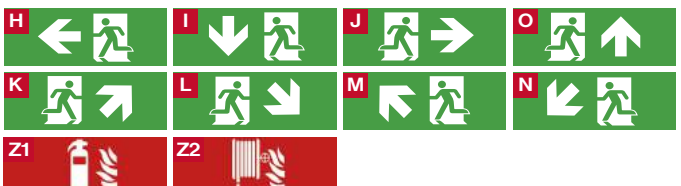
## STANDARDNÁ VÝBAVA

- **High efficient (150lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51-135)
- **Intelligent battery charging** (intermittent charging, look up page No.51-135)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51-135)
  - **ENERGY Saving Mode** (picto illumination 2cd/m<sup>2</sup> or 200cd/m<sup>2</sup>, page 51-135)
- Addressable CENTRALTEST communication module (for ATXL, ATXP, ATRF only)
- LEDs indicating both presence of power supply and signaling failures & TEST button
- both side and back side cable entries (bushings)
- **vysoko účinné LED 5000K (150lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51-135)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51-135)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51-135)
  - **ENERGY Saving Mód** (osvetlenie pikto na 2cd/m<sup>2</sup> alebo 200cd/m<sup>2</sup>, pozri aj str.51-135)
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATXP, ATRF verzie)
- signalizácia LED a TEST tlačítko
- zadné a bočné prechodky IP65 na vstup vodičov

## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **LEGEND / Picto** must be ordered as separate item (look up page 134)
- piktoqram musí byť objednaný samostatne, nie je súčasťou svietidla (look up page 134)



74m

XLegend Size



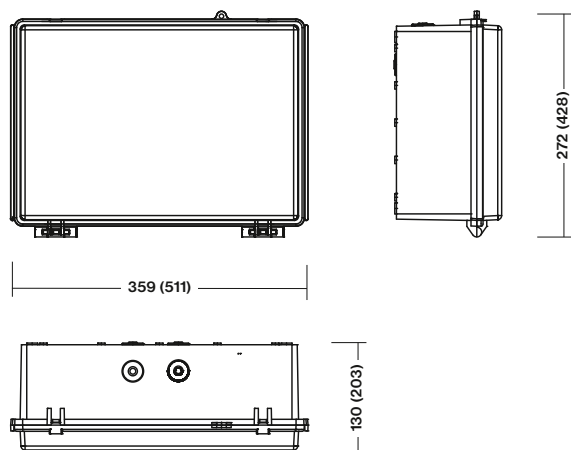
46m  
74m

Legend & XLegend





Dimensions in the bracket are valid for XLegend Size  
Rozmery v zátvorke platie pre veľkosť XLegend



## WALL MOUNTING L & XL VIEWING DISTANCE LEGEND L/XL SIZE

Light source	LED 5000K >500cd/m <sup>2</sup> (white luminance) >200cd/m <sup>2</sup> (average luminance)
Installed load L Size	6.5W/6.9VA (maintained M) 2.8W/4.3VA (non-maintained NM) 5.7W/6.0VA (CBS)
Installed load XL Size	9.4W/11.9VA (maintained M) 2.8W/4.3VA (non-maintained NM) 5.7W/6.0VA (CBS)
Protection index	IP65
Viewing distance	46m (L Size) / 74m (XL Size)

### Page No.32

### AUTOTEST -AT NM/M

Type	Version	Light Source	Duration	Battery	Order Code	Weight
Legend-AT.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	329-B-001-04-00-00	1,5 kg
Legend-AT.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	329-B-002-04-00-00	1,6 kg
XLegend-AT.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/2,0Ah	329-B-101-04-00-00	2,5 kg
XLegend-AT.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/4,5Ah	329-B-102-04-00-00	2,6 kg

### DALI SELF-CONTAINED

Type	Version	Light Source	Duration	Battery	Order Code	Weight
Legend-DALI.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	329-B-003-04-00-00	1,5 kg
Legend-DALI.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	329-B-004-04-00-00	1,6 kg
XLegend-DALI.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/2,0Ah	329-B-103-04-00-00	2,5 kg
XLegend-DALI.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/4,5Ah	329-B-104-04-00-00	2,6 kg

### Page No.36

### CENTRALTEST ELMAX-LOOK

Type	Version	Light Source	Duration	Battery	Order Code	Weight
Legend-ATXL.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	329-B-005-04-00-00	1,5 kg
Legend-ATXL.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	329-B-006-04-00-00	1,6 kg
XLegend-ATXL.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/2,0Ah	329-B-105-04-00-00	2,5 kg
XLegend-ATXL.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/4,5Ah	329-B-106-04-00-00	2,6 kg

### Page No.38

### Wireless CENTRALTEST ELMAX-ATRF

Type	Version	Light Source	Duration	Battery	Order Code	Weight
Legend-ATRF.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/1,0Ah	329-B-007-04-00-00	1,5 kg
Legend-ATRF.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/2,0Ah	329-B-008-04-00-00	1,6 kg
XLegend-ATRF.1h	NM/M	SAMSUNG MidPower LEDs 5000K	1h	LiFePo4 6,4V/2,0Ah	329-B-107-04-00-00	2,5 kg
XLegend-ATRF.3h	NM/M	SAMSUNG MidPower LEDs 5000K	3h	LiFePo4 6,4V/4,5Ah	329-B-108-04-00-00	2,6 kg

### Page No.44

### CENTRAL BATTERY (CBS)

Type	CBS Version for	Light Source	Order Code	Weight
C.Legend 230V AC/DC	CBS NON-ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	329-B-009-00-00-00	1,4 kg
C.XLegend 230V AC/DC	CBS NON-ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	329-B-109-00-00-00	2,4 kg

### DALI CENTRAL BATTERY (CBS)

Type	CBS Version for	Light Source	Order Code	Weight
C.Legend -DALI 230V AC	DALI CBS	SAMSUNG MidPower LEDs 5000K	329-B-010-00-00-00	1,4 kg
C.XLegend -DALI 230V AC	DALI CBS	SAMSUNG MidPower LEDs 5000K	329-B-110-00-00-00	2,4 kg

### Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	CBS Version for	Light Source	Order Code	Weight
C.Legend -ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	329-B-011-00-00-00	1,4 kg
C.XLegend -ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	SAMSUNG MidPower LEDs 5000K	329-B-111-00-00-00	2,4 kg

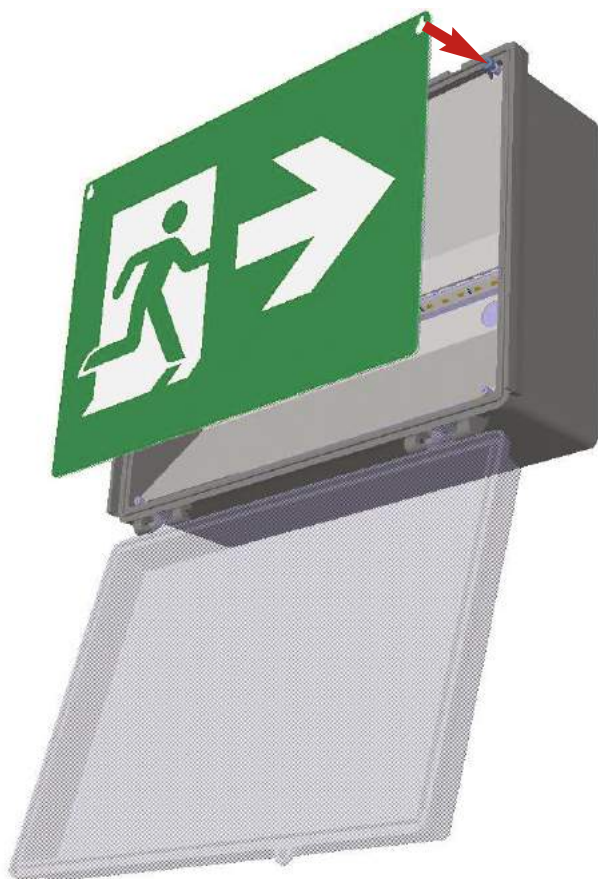
# LEGEND L/XL SIZE



46m  
74m  
Legend + XLegend

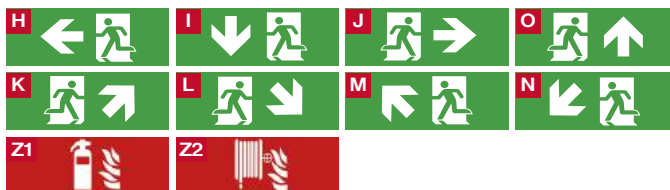
The legend itself is separate plexi sheet with picto printed on its surface. It is installed inside of the fixture in order to be resistant against either vandalism or any external impact.

Piktogram je samostatné plexi s potlačou. Je inštalované zvnútra svietidla, aby bol samotný piktogram chránený voči poškodeniu napr.vandalizmom alebo iným vonkajším vplyvom.



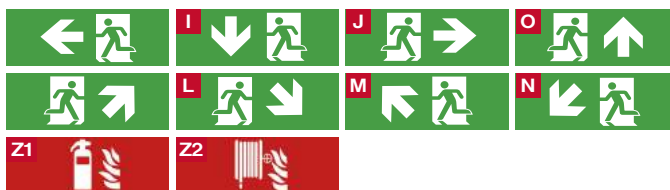
- ACRYLIC legend complying ISO7010 must be ordered as separate item, it is not standard accessory
- Viewing Distance: 46m (**XLegend** versions)
- Legend luminance > 500cd/m<sup>2</sup> (white)
- PLEXI piktogram v súlade s ISO7010, musí byť objednané ako samostatná položka, nie je súčasťou svietidla
- rozoznatelnosť piktogramu: 46m (**XLegend** verzie)
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Pripatok	Order Code / Objednávaci kód
Picto „H“ / pikto „H“ ( <b>XLegend</b> versions)	329-B-000-01-00-01
Picto „I“ / pikto „I“ ( <b>XLegend</b> versions)	329-B-000-01-00-02
Picto „J“ / pikto „J“ ( <b>XLegend</b> versions)	329-B-000-01-00-03
Picto „O“ / pikto „O“ ( <b>XLegend</b> versions)	329-B-000-01-00-04
Picto „K“ / pikto „K“ ( <b>XLegend</b> versions)	329-B-000-01-00-05
Picto „L“ / pikto „L“ ( <b>XLegend</b> versions)	329-B-000-01-00-06
Picto „M“ / pikto „M“ ( <b>XLegend</b> versions)	329-B-000-01-00-07
Picto „N“ / pikto „N“ ( <b>XLegend</b> versions)	329-B-000-01-00-08
Picto „Z1“ / pikto „Z1“ ( <b>XLegend</b> versions)	329-B-000-01-00-09
Picto „Z2“ / pikto „Z2“ ( <b>XLegend</b> versions)	329-B-000-01-00-10



- ACRYLIC legend complying ISO7010 must be ordered as separate item, it is not standard accessory
- Viewing Distance: 74m (**Legend** versions)
- Legend luminance > 500cd/m<sup>2</sup> (white)
- PLEXI piktogram v súlade s ISO7010, musí byť objednané ako samostatná položka, nie je súčasťou svietidla
- rozoznatelnosť piktogramu: 74m (**Legend** verzie)
- jas piktogramu > 500cd/m<sup>2</sup> (biela)

Optional Item / Pripatok	Order Code / Objednávaci kód
Picto „H“ / pikto „H“ ( <b>Legend</b> versions)	329-B-000-02-00-01
Picto „I“ / pikto „I“ ( <b>Legend</b> versions)	329-B-000-02-00-02
Picto „J“ / pikto „J“ ( <b>Legend</b> versions)	329-B-000-02-00-03
Picto „O“ / pikto „O“ ( <b>Legend</b> versions)	329-B-000-02-00-04
Picto „K“ / pikto „K“ ( <b>Legend</b> versions)	329-B-000-02-00-05
Picto „L“ / pikto „L“ ( <b>Legend</b> versions)	329-B-000-02-00-06
Picto „M“ / pikto „M“ ( <b>Legend</b> versions)	329-B-000-02-00-07
Picto „N“ / pikto „N“ ( <b>Legend</b> versions)	329-B-000-02-00-08
Picto „Z1“ / pikto „Z1“ ( <b>Legend</b> versions)	329-B-000-02-00-09
Picto „Z2“ / pikto „Z2“ ( <b>Legend</b> versions)	329-B-000-02-00-10



# DIP-SWITCH SET-UP FEATURES LEGEND L/XL SIZE



## DIP SWITCH FEATURES No.1-4

## DIP PREPÍNAČ č.1-4 - FUNKCIE

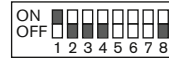
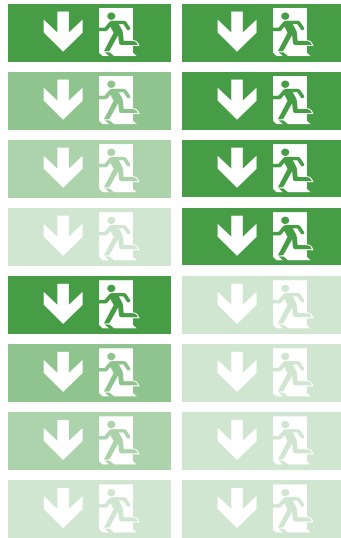
### SELF-CONTAINED BATTERY VERSIONS

**NORMAL MODE**  
230V MAINS

**EMERGENCY MODE**  
BATTERY

**1 LUX**  
ESCAPE ROUTE  
APPLICATION

**1 LUX**  
ESCAPE ROUTE  
APPLICATION



**NO LEGEND / BEZ PIKTOGRAMU**  
ESCAPE ROUTE ILLUMINATION



**DEFFAULT SETT./ PREDNASTAVENÉ**  
Full Power for ESCAPE SIGN Applicaton  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 50% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 25% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ECO MODE 10% (in 230V mode)**  
EMERGENCY MODE LEGEND  
BRIGHTNESS > 200cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 50% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 25% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



**ENERGY SAVING (in emerg.mode)**  
**ECO MODE 10% (in 230V mode)**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>



## DIP SWITCH FEATURES No.5-8

## DIP PREPÍNAČ č.5-8 - FUNKCIE

**INSTALLATION**  
MODE  
SET UP



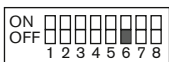
**DEFFAULT SETTING / PREDNASTAVENÉ**  
**OFF - ACTIVATED**  
ON - DEACTIVATED

**M / NM**  
**NON-MAINTAINED / MAINTAINED**  
MODE  
SET UP



**DEFFAULT SETTING / PREDNASTAVENÉ**  
**ON - MAINTAINED**  
OFF - NON-MAINTAINED

**AT / ATXL**  
**AUTOTEST / CENTRALTEST**  
MODE  
SET UP



**DEFFAULT SETTING / PREDNASTAVENÉ**  
**OFF - AUTOTEST**  
ON - CENTRALTEST

**NO - AUTOTEST**  
MODE  
SET UP



**DEFFAULT / PREDNASTAVENÉ**  
**OFF - AUTOTEST ACTIVE**  
ON - NO-AUTOTEST

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**  
Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny

## DIP SWITCH FEATURES No.2-3

## DIP PREPÍNAČ č.2-3 - FUNKCIE

### CBS CENTRAL BATTERY VERSIONS

**CBS**  
CENTRAL BATTERY

**1 LUX**  
ESCAPE ROUTE  
APPLICATION



**FULL POWER**  
PLNÝ VÝKON



**FULL POWER**  
LEGEND BRIGHTNESS > 200cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 200cd/m<sup>2</sup>



**ECO MODE 50%**



**ECO MODE 25%**



**ECO MODE 10%**  
LEGEND BRIGHTNESS > 2cd/m<sup>2</sup>  
JAS PIKTOGRAMU > 2cd/m<sup>2</sup>

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**  
Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny



# CEILING MOUNTING LEDLUX-SPOT2



Thanks to the special design of all LED lenses we can cover all kind of applications such as corridors (escape route) and open areas (escape route lighting)

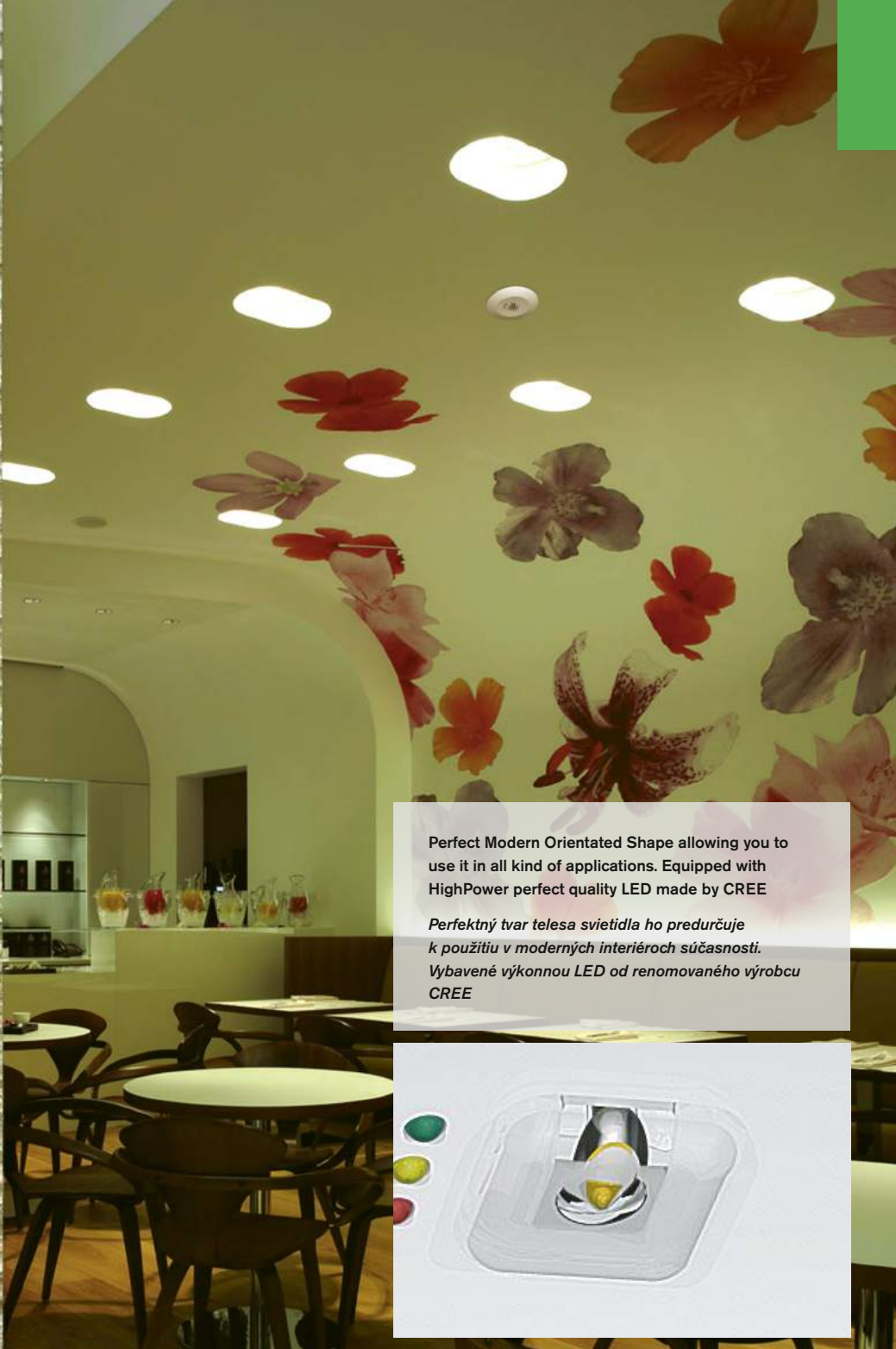
*Vďaka špeciálnym LED šošovkám dokážeme pokryť všetky typy aplikácií ako sú chodby / koridory (escape route) a otvorené priestory (anti-panic)*



Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to <b>126m<sup>2</sup> &gt; 0.5lx</b>

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing	up to <b>23,5m &gt; 1lx</b>





Perfect Modern Orientated Shape allowing you to use it in all kind of applications. Equipped with HighPower perfect quality LED made by CREE

*Perfektný tvar telesa svietidla ho predurčuje k použitiu v moderných interiéroch súčasnosti. Vybavené výkonnou LED od renomovaného výrobcu CREE*

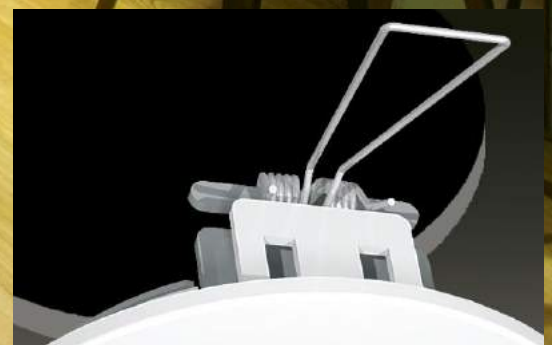
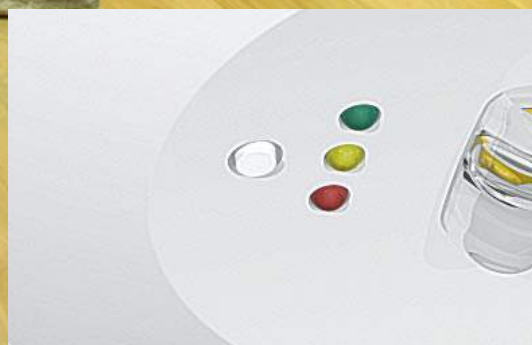


**AUTOTEST/CENTRALTEST**  
(only all MULTILED-SPOT-AT/ATXL/ATRF versions):  
Monitor status by 3x LEDs and TEST button

**AUTOTEST/CENTRALTEST**  
(len pre všetky MULTILED-SPOT-AT/ATXL/ATRF):  
3x LED pre signalizáciu stavu svietidla a TEST tlačítko

"ONE HAND" tool free installation friendly springs allowing easy and fast recessed installation of the luminaire

*Špeciálne tvarované úchytné pružiny dovoľujúce pohodlnú montáž svietidla do stropu jednou rukou bez nutnosti použitia dodatočných nástrojov*



# ASSORTMENT LEDLUX-SPOT2

## LOW CEILING Applications <4m

LEDLUX-SPOT2 type serie is equipped with the combination of HighPower LED and sophisticated optics. Thanks to the both maximum efficiency and optimal light distribution result in the need for a low number of luminaires for emergency lighting in conformity with relevant standards. It is completely independent of general lighting. Thanks to LEDLUX-SPOT2 design the installation and maintenance is quick and simple. The luminaire proves its application flexibility with its range of installation options.

Moderný a nenápadný design vychádzajúci z kvalitných materiálov predurčuje svietidlo LEDLUX-SPOT2 pre núdzové osvetlenie v súlade s relevantnými normami plne nezávislým na hlavnom osvetlení. Svietidlá sú vybavené vyváženou kombináciou HighPower LED a špeciálnej optiky, čo zaručuje maximálnu účinnosť a optimálnu distribúciu svetla. Vďaka tomu je potrebný malý počet núdzových svietidiel pre vašu aplikáciu. LEDLUX-SPOT2 dokazuje svoju aplikáciu flexibilitu vďaka širokej typovej rade s rôznymi inštaláčnymi možnosťami.

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting Anti-panic lighting

## NÍZKY STROP Aplikácia <4m



C.LEDLUX-SPOT-V-A  
MULTILED-SPOT-V-A  
(Page No.140)



C.LEDLUX-SPOT-P-A / MULTILED-SPOT-P-A  
(Page No.146)



C.LEDLUX-SPOT-V-B  
MULTILED-SPOT-V-B  
(Page No.144)



C.LEDLUX-SPOT-P-B / MULTILED-SPOT-P-B  
(Page No.150)

## HIGH CEILING Applications >4m

**HIGH CEILING** application LEDLUX-SPOT2 HCA/HCB type series is equipped with the combination of all 2xHigh-Power LEDs, sophisticated optics and powerful battery. Thanks to all the high light output, maximum efficiency and optimal light distribution result in the need for a low number of luminaires for high ceiling application emergency lighting in conformity with relevant standards. It is completely independent of general lighting. Thanks to LEDLUX-SPOT2 HCA/HCB design the installation and maintenance is quick and simple.

Typová rada LEDLUX-SPOT2 HCA/HCB je určená pre núdzové osvetlenie priestorov s vysokou výškou stropu. Moderný a nenápadný design vychádzajúci z kvalitných materiálov predurčuje svietidlo LEDLUX-SPOT2 pre núdzové osvetlenie v súlade s relevantnými normami plne nezávislým na hlavnom osvetlení. Svietidlá sú vybavené vyváženou kombináciou 2xHighPower LED, špeciálnej optiky a výkonnej batérie, čo zaručuje vysoký svetelný tok, maximálnu účinnosť a optimálnu distribúciu svetla. Vďaka tomu je potrebný malý počet núdzových svietidiel pre vašu aplikáciu. Inštalácia a údržba svietidiel je rýchla a jednoduchá.

Light source	LED 5000K 410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Escape route lighting High Ceiling Anti-panic lighting



C.LEDLUX-SPOT-P-HCA / MULTILED-SPOT-P-HCA  
(Page No.154)



C.LEDLUX-SPOT-P-HCB / MULTILED-SPOT-P-HCB  
(Page No.158)



**NÍZKY STROP Aplikácia <4m**

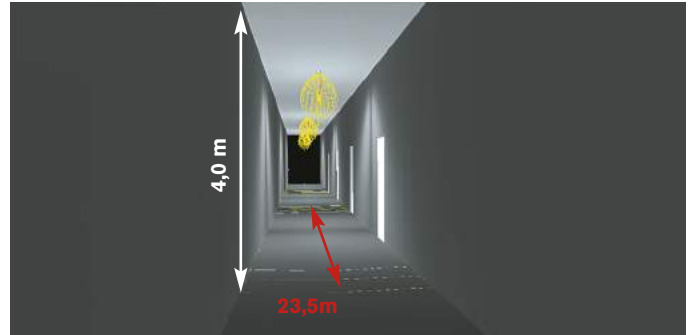
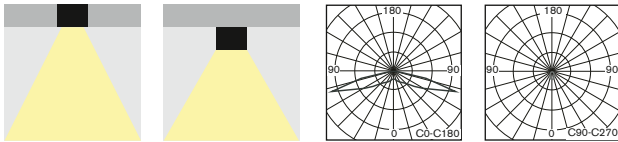
**LOW CEILING Applications <4m**

**LEDLUX-SPOT2-A-V / LEDLUX-SPOT2-A-P**

escape routes lighting

LED emergency luminaire for escape route lighting in accordance with EN1838  
Maximum luminaire spacing : up to 23,5m>1lx

LED núdzové svietidlo pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel: až 23,5m>1lx

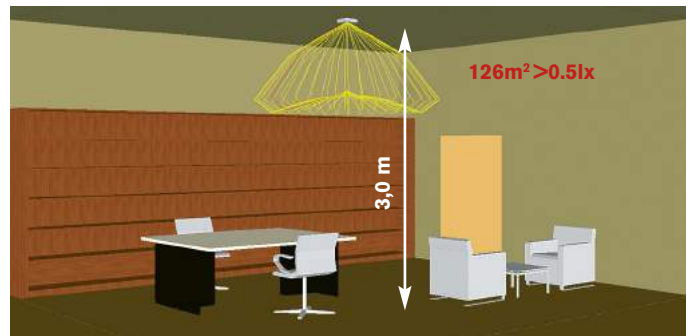
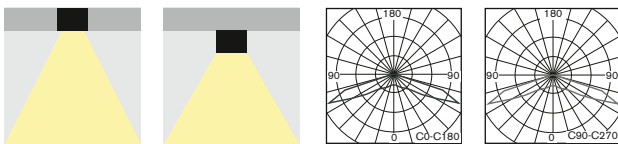


**LEDLUX-SPOT2-B-V / LEDLUX-SPOT2-B-P**

Anti-panic in open area applications

LED emergency luminaire for anti-panic lighting in accordance with EN1838  
Maximum room illumination: up to 126m<sup>2</sup>>0,5lx

LED núdzové svietidlo pre osvetlenie otvorených priestorov v súlade s EN1838  
Maximálna plocha osvetlenia v otvorenom priestore: až 126m<sup>2</sup>>0,5lx



Look up pages No. 328-335 for 1lx Spacing tables  
Pozri str. 328-335 pre rozmiestnenie svietidiel na dosiahnutie 1lx

**VYSOKÝ STROP Aplikácia >4m**

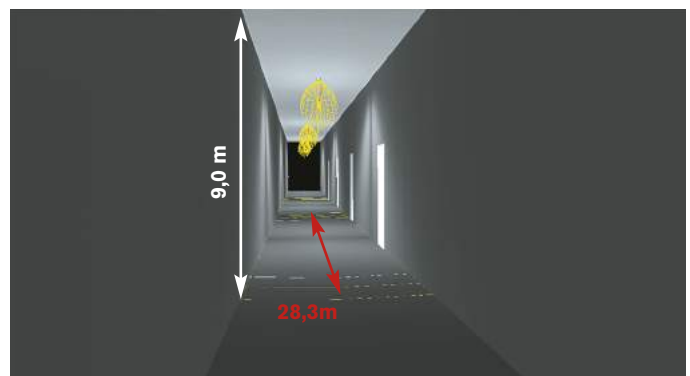
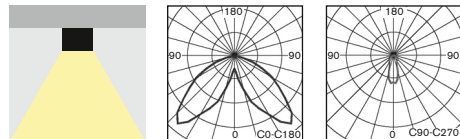
**HIGH CEILING Applications >4m**

**LEDLUX-SPOT2-HCA-P**

escape routes lighting for **HIGH CEILING** applications

LED emergency luminaire for escape route lighting in accordance with EN1838  
Designed for high ceiling corridor application up to 9m mounting height  
Maximum luminaire spacing : up to 28,3m>1lx

LED núdzové svietidlo pre osvetlenie únikovej cesty v súlade s EN1838  
Určené pre montáž na strop až do výšky 9m  
Maximálny rozostup svietidiel: až 28,3m>1lx

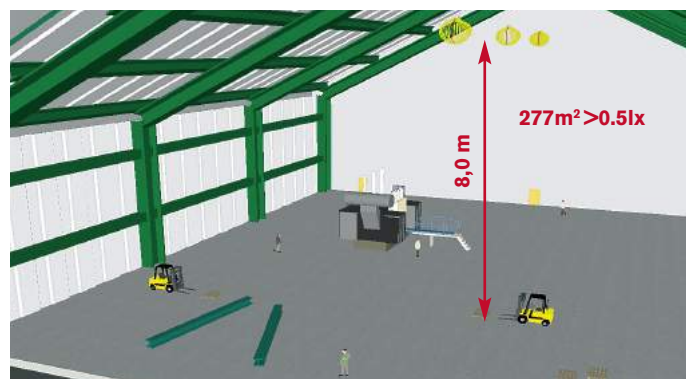
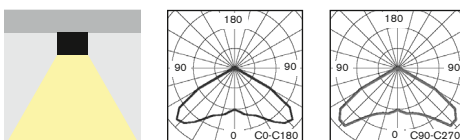


**LEDLUX-SPOT2-HCB-P**

Anti-panic in **HIGH CEILING** open area applications

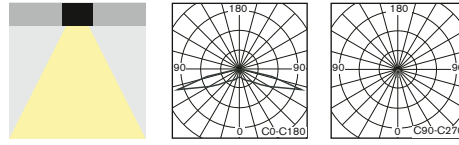
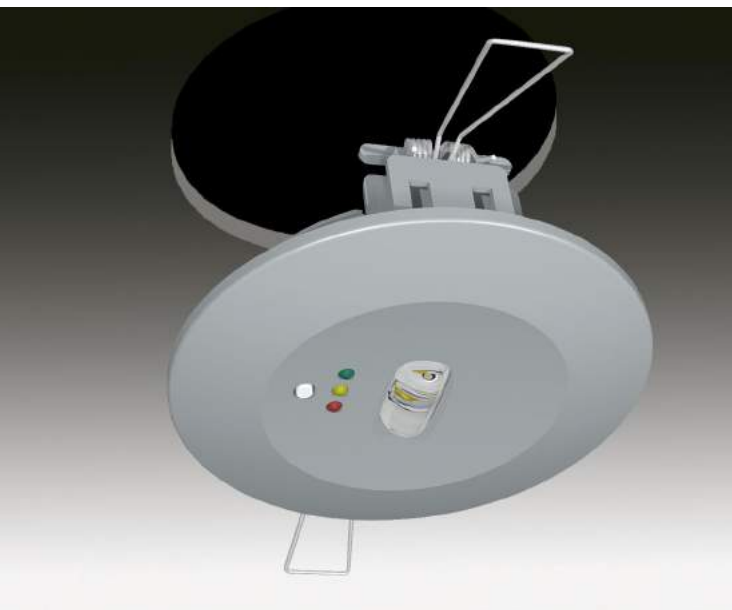
LED emergency luminaire for anti-panic lighting in accordance with EN1838  
Designed for high ceiling open area application up to 8m mounting height  
Maximum room illumination: up to 277m<sup>2</sup>>0,5lx

LED núdzové svietidlo pre osvetlenie otvorených priestorov v súlade s EN1838  
Určené pre montáž na strop až do výšky 8m  
Maximálna plocha osvetlenia v otvorenom priestore: až 277m<sup>2</sup>>0,5lx



Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx

# RECESSED ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-A-V



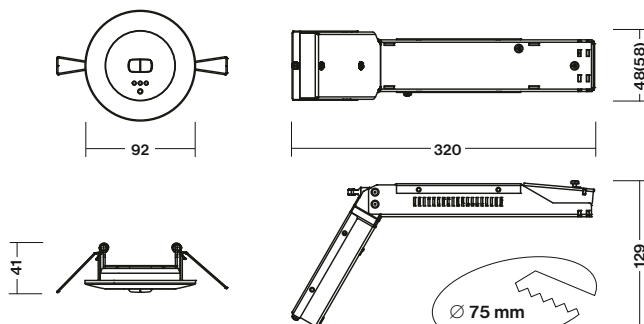
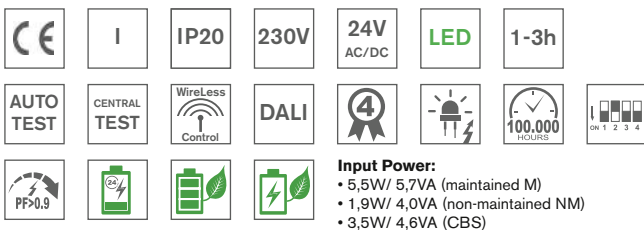
• Small and powerful **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect light distribution **especially** designed for a **corridor applications (escape route illumination to EN1838)**. It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (look up page No.38)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also pages No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white)
- malé, výkonné LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre zapustenú montáž zaručujúce vysokú hladinu svetelného toku **špeciálne navrhnuté pre osvetlenie chodieb**, aj s funkciami:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-Wireless systém (str.38)
  - **CENTRAL BATTERY** (C.LEDLUX-SPOT2) pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

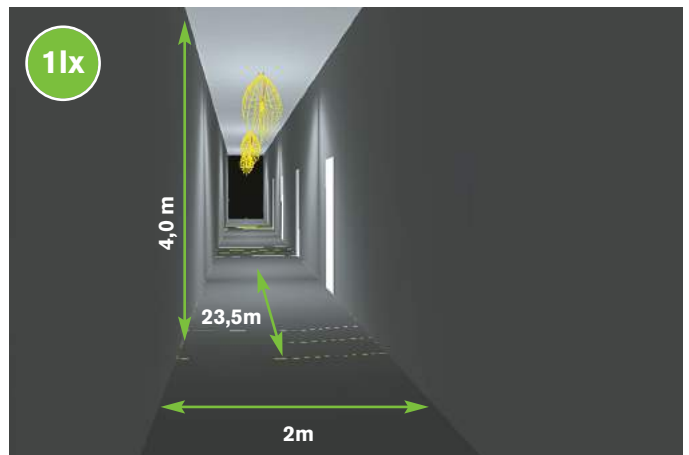
## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
  - špeciálna LED šošovka pre perfektnú distribúciu svetla
  - **Inštalčný mód** (ochrana batérie, pozri aj str.51+142)
  - **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
  - **DIP prepínač** umožňujúci prednastavenie funkcie:
    - **Inštalčný mód** aktivácia / deaktivácia (pozri aj str.51+142)
    - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



\* Dimmensions in the bracket are valid for 3h versions  
\* rozmery v zátvorke platia pre 3h verzie

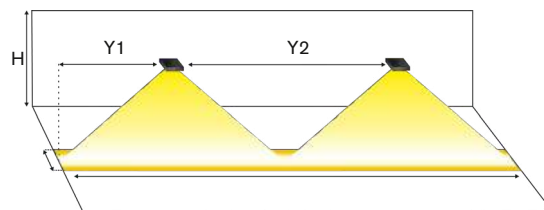




## RECESSED ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-A-V

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



Page No.32

### AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-301-04-00-01	0,6 kg
MULTILED-SPOT2-A-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-301-04-00-02	0,6 kg
MULTILED-SPOT2-A-V-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-309-04-00-01	0,7 kg
MULTILED-SPOT2-A-V-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-309-04-00-02	0,7 kg

### DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-DALI.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-307-04-00-01	0,6 kg
MULTILED-SPOT2-A-V-DALI.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-307-04-00-02	0,6 kg
MULTILED-SPOT2-A-V-DALI.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-305-04-00-01	0,7 kg
MULTILED-SPOT2-A-V-DALI.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-305-04-00-02	0,7 kg

Page No.36

### CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-310-04-00-01	0,6 kg
MULTILED-SPOT2-A-V-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-310-04-00-02	0,6 kg
MULTILED-SPOT2-A-V-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-311-04-00-01	0,7 kg
MULTILED-SPOT2-A-V-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-311-04-00-02	0,7 kg

Page No.38

### Wireless CENTRALTEST ELMAX-ATRF

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-A-V-ATRF.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-312-04-00-01	0,7 kg
MULTILED-SPOT2-A-V-ATRF.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-312-04-00-02	0,7 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-303-00-00-01	0,5 kg
C.LEDLUX-SPOT2-A-V/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-303-00-00-02	0,5 kg
C.LEDLUX-SPOT2-A-V/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-313-00-00-01	0,5 kg
C.LEDLUX-SPOT2-A-V/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-313-00-00-02	0,5 kg

### DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V-DALI 230V AC	White / biela	DALI CBS	HighPower LED	150 lm	182-B-333-00-00-01	0,5 kg
C.LEDLUX-SPOT2-A-V-DALI 230V AC	Grey / šedá	DALI CBS	HighPower LED	150 lm	182-B-333-00-00-02	0,5 kg

Page No.40

### Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-314-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-V-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-314-00-00-02	0,6 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx



# ANTIPANIC LIGHTING LEDLUX-SPOT2-V



Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing up to	23,5m > 1lx



## DIP SWITCH FEATURES No. 2-4

### DIP PREPÍNAČ č. 2-4 - FUNKCIE

#### SELF-CONTAINED BATTERY VERSIONS



**INSTALLATION  
MODE  
SET UP**



**DEFFAULT SETTING  
OFF - ACTIVATED  
ON - DEACTIVATED**



**NON-MAINTAINED/  
MAINTAINED  
MODE (NM/ M)  
SET UP**



**DEFFAULT SETTING  
ON - MAINTAINED  
OFF - NON-MAINTAINED**



**AUTOTEST AT /  
CENTRALTEST ATXL  
MODE  
SET UP**



**DEFFAULT SETTING  
OFF - AUTOTEST  
ON - CENRALTEST**



**NO-AUTOTEST  
MODE  
SET UP**

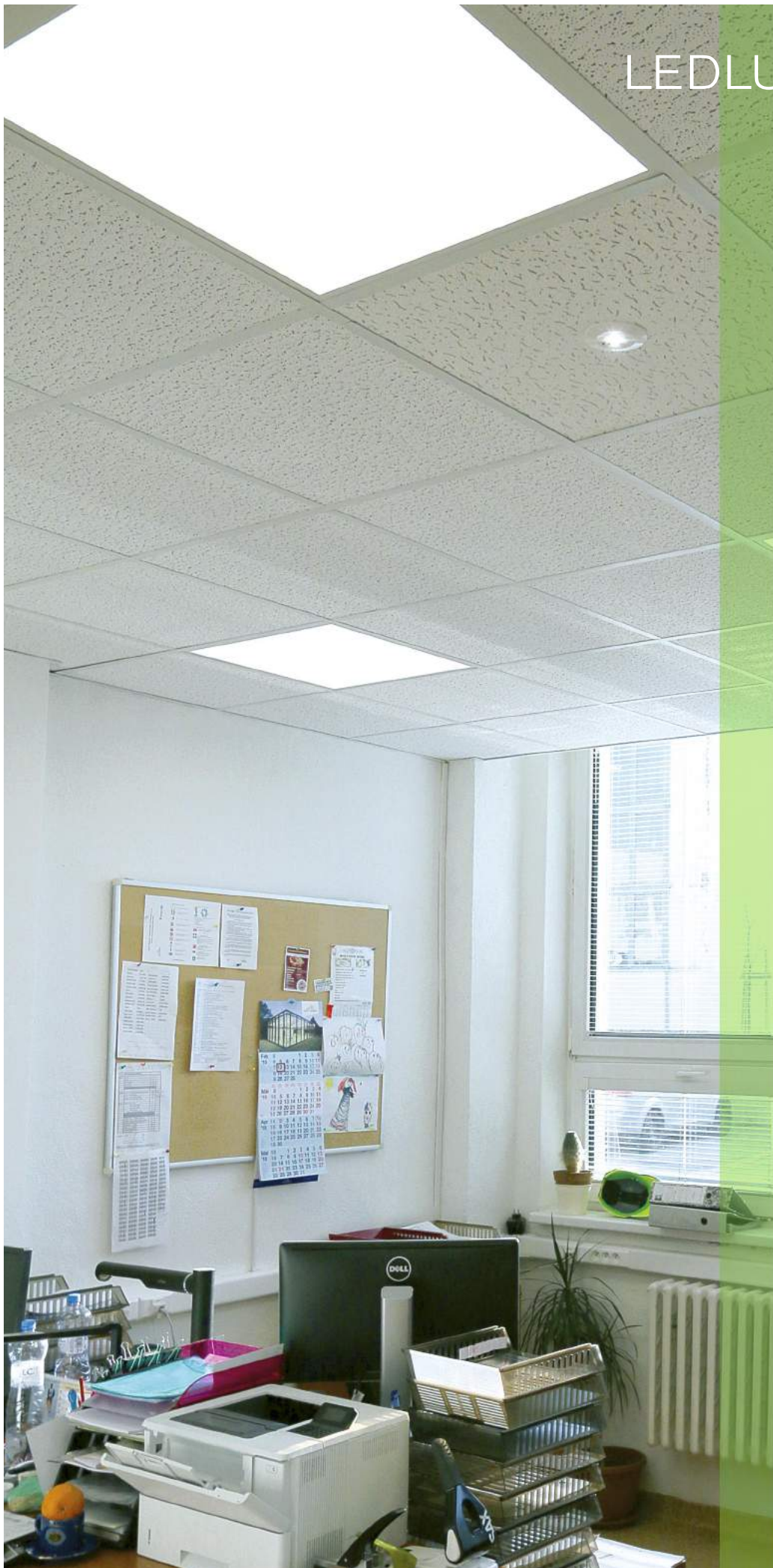


**DEFFAULT SETTING  
OFF - AUTOTEST ACTIVE  
ON - NO-AUTOTEST**

TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY

PO PRESTAVENÍ STLAČTE TEST ALEBO ODPOJTE BATÉRIU A 230V NAPAĀANIE NA AKTIVÁCIU ZMENY

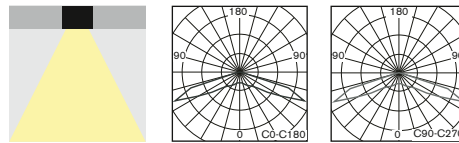
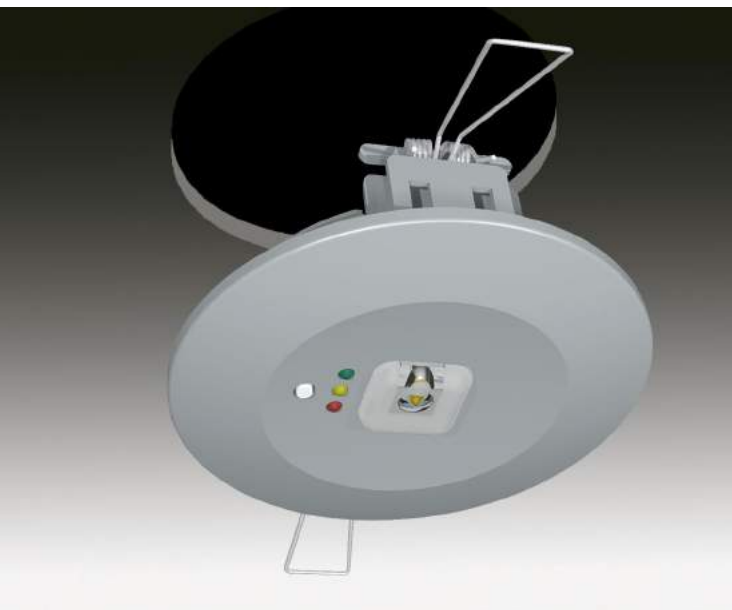
# ANTIPANIC LIGHTING LEDLUX-SPOT2-V



Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to 126m <sup>2</sup> > 0.5lx



# RECESSED ANTIPANIC LIGHTING LEDLUX-SPOT2-B-V



- Small and powerful **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect **wide beam** light distribution **especially designed for a large OPEN AREAS** such as offices, shops, reception desks, lift areas, entrance halls, classrooms, etc.

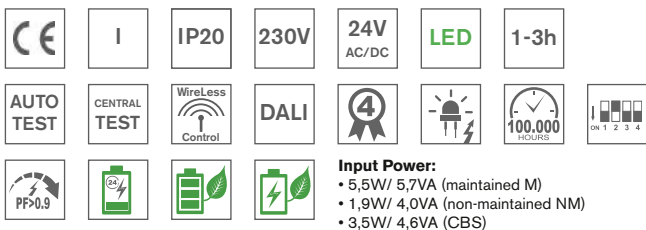
It is available in all following versions:

- **AUTOTEST (-AT)** or **DALI**
- **CENTRALTEST (-ATXL)** for **ELMAX LOOK** system (look up also page No.36)
- **CENTRALTEST (-ATRF)** for **ELMAX Wireless** system (page No.38)
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY (-ATXP)** for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white)
- malé, výkonné LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálné (C)** núdzové osvetlenie pre zapustenú montáž zaručujúce vysokú hladinu svetelného toku špeciálne navrhnuté pre osvetlenie otvorených priestorov (vestibul, kancelária, reštaurácia, školské priestory,...) aj s funkciami:
- **AUTOTEST (-AT)** alebo **DALI**
- **CENTRALTEST (-ATXL)** pre systém **ELMAX LOOK** (pozri str.36)
- **bezdrôtový CENTRALTEST (-ATRF)** pre **ELMAX Wireless** systém (str.38)
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** pre **neadresovateľné CBS** (pozri aj str.44)
- **CENTRAL BATTERY (-ATXP)** pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 alebo RAL9003 (biela)

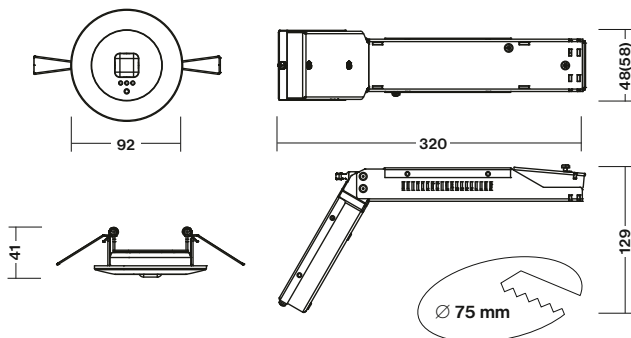
## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation /deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51+142)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Inštaláčny mód** aktivácia / deaktivácia (pozri aj str.51+142)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



**Input Power:**  
 • 5,5W/ 5,7VA (maintained M)  
 • 1,9W/ 4,0VA (non-maintained NM)  
 • 3,5W/ 4,6VA (CBS)



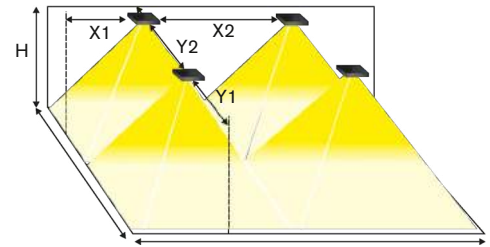
\* Dimmensions in the bracket are valid for 3h versions  
 \* rozmery v zátvorke platia pre 3h verzie



# RECESSED ANTIPANIC LIGHTING LEDLUX-SPOT2-B-V



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	3,8	12,6	3,8	12,6
3,00	3,3	12,7	3,3	12,7
3,50	2,5	11,8	2,5	11,8
4,00	1,8	10,1	1,8	10,1



Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-302-04-00-01	0,6 kg
MULTILED-SPOT2-B-V-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-302-04-00-02	0,6 kg
MULTILED-SPOT2-B-V-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-315-04-00-01	0,7 kg
MULTILED-SPOT2-B-V-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-315-04-00-02	0,7 kg

## DALI

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-DALI.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-308-04-00-01	0,6 kg
MULTILED-SPOT2-B-V-DALI.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-308-04-00-02	0,6 kg
MULTILED-SPOT2-B-V-DALI.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-306-04-00-01	0,7 kg
MULTILED-SPOT2-B-V-DALI.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-306-04-00-02	0,7 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-316-04-00-01	0,6 kg
MULTILED-SPOT2-B-V-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-316-04-00-02	0,6 kg
MULTILED-SPOT2-B-V-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-317-04-00-01	0,7 kg
MULTILED-SPOT2-B-V-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-317-04-00-02	0,7 kg

Page No.38

## Wireless CENTRALTEST ELMAX-ATRF

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-V-ATRF.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-318-04-00-01	0,7 kg
MULTILED-SPOT2-B-V-ATRF.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-318-04-00-02	0,7 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-V 230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-304-00-00-01	0,5 kg
C.LEDLUX-SPOT2-B-V 230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-304-00-00-02	0,5 kg
C.LEDLUX-SPOT2-B-V 24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-319-00-00-01	0,5 kg
C.LEDLUX-SPOT2-B-V 24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-319-00-00-02	0,5 kg

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-V-DALI 230V AC	White / biela	DALI CBS	HighPower LED	150 lm	182-B-334-00-00-01	0,5 kg
C.LEDLUX-SPOT2-B-V-DALI 230V AC	Grey / šedá	DALI CBS	HighPower LED	150 lm	182-B-334-00-00-02	0,5 kg

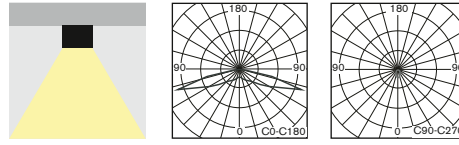
Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-V-ATXPR 230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-320-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-V-ATXPR 230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-320-00-00-02	0,6 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

# CEILING ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-A-P



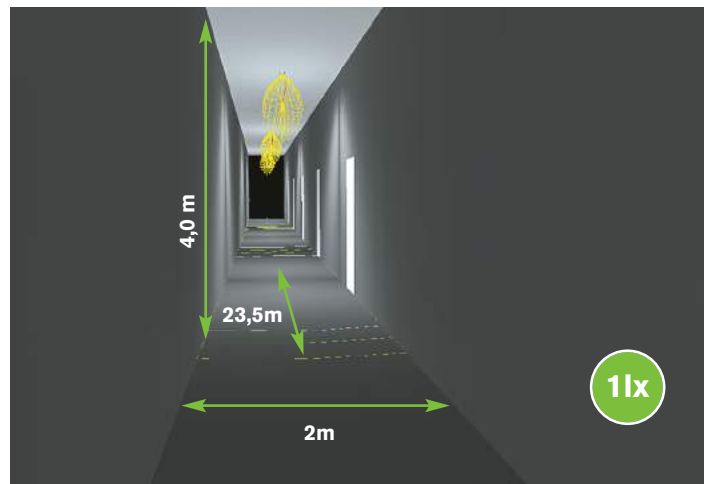
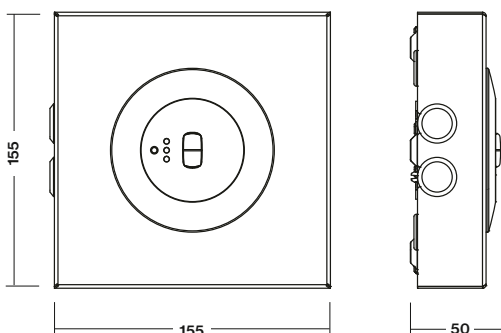
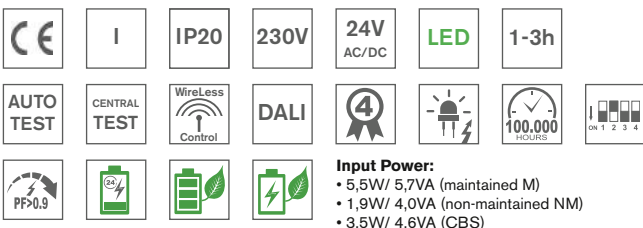
• Small and powerful **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect light distribution **especially** designed for a **corridor applications (escape route illumination to EN1838)**. It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**,
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (look up page No.38)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) for **non-addressable CBS** (look up also page No.40)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also pages No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 or RAL9003 (white) colour
- malé, výkonné LED svetidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž zaručujúce **vysokú hladinu svetelného toku špeciálne navrhnuté pre osvetlenie chodieb**, aj s funkciami:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-Wireless systém (str.38)
  - **CENTRAL BATTERY** (C.LEDLUX-SPOT2) pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+142)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Inštalčný mód** aktivácia / deaktivácia (pozri aj str.51+142)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko

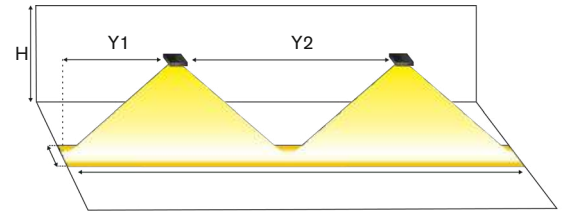




# CEILING ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-A-P

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-202-04-00-01	0,7 kg
MULTILED-SPOT2-A-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-202-04-00-02	0,7 kg
MULTILED-SPOT2-A-P-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-206-04-00-01	0,8 kg
MULTILED-SPOT2-A-P-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-206-04-00-02	0,8 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-DALI.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-207-04-00-01	0,7 kg
MULTILED-SPOT2-A-P-DALI.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-207-04-00-02	0,7 kg
MULTILED-SPOT2-A-P-DALI.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-208-04-00-01	0,8 kg
MULTILED-SPOT2-A-P-DALI.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-208-04-00-02	0,8 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-209-04-00-01	0,7 kg
MULTILED-SPOT2-A-P-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-209-04-00-02	0,7 kg
MULTILED-SPOT2-A-P-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-210-04-00-01	0,8 kg
MULTILED-SPOT2-A-P-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-210-04-00-02	0,8 kg

Page No.38

## Wireless CENTRALTEST ELMAX-ATRF

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-A-P-ATRF.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-211-04-00-01	0,7 kg
MULTILED-SPOT2-A-P-ATRF.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-211-04-00-02	0,7 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-204-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-204-00-00-02	0,6 kg
C.LEDLUX-SPOT2-A-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-212-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-212-00-00-02	0,6 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P-DALI 230V AC	White / biela	DALI CBS	HighPower LED	150 lm	182-B-238-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P-DALI 230V AC	Grey / šedá	DALI CBS	HighPower LED	150 lm	182-B-238-00-00-02	0,6 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-213-00-00-01	0,6 kg
C.LEDLUX-SPOT2-A-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-213-00-00-02	0,6 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx



# CEILING ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-A-P

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M)
	1.9W/4.0VA (non-maintained NM)
	3.5W/4.6VA (CBS)
Housing colour	RAL9003 White
	RAL9006 Grey
Application	Escape route lighting
Max luminaire spacing	up to <b>23,5m &gt; 1lx</b>

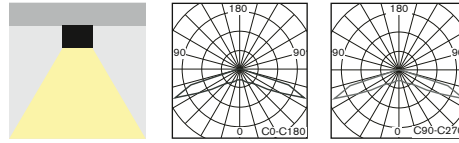


# CEILING ANTIPANIC LIGHTING LEDLUX-SPOT2-B-P

Light source	LED 5000K
Installed load	5.5W/5.7VA (maintained M) 1.9W/4.0VA (non-maintained NM) 3.5W/4.6VA (CBS)
Housing colour	RAL9003 White RAL9006 Grey
Application	Anti-panic lighting
Max room illumination	up to <b>126m<sup>2</sup> &gt; 0.5lx</b>



# CEILING ANTIPANIC LIGHTING LEDLUX-SPOT2-B-P



- Small and powerful **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting for perfect **wide beam** light distribution **especially** designed for a **large OPEN AREAS** such as **offices, shops, reception desks, lift areas, entrance halls, classrooms, etc.** It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **CENTRALTEST** (-ATRF) for **ELMAX Wireless** system (look up page No.38)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) for **non-addressable CBS** (page 44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9006 (grey) or RAL9003 (white) colour
- malé, výkonné LED svetidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž zaručujúce vysokú hladinu svetelného toku so širokou krivkou svietivosti špeciálne navrhnuté pre osvetlenie rozlohou veľkých otvorených priestorov ako napr. kancelárie, obchody, recepcie, nástupný priestor výťahov, vstupné haly školské triedy a pod., aj s funkciami:
- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **bezdrôtový CENTRALTEST** (-ATRF) pre ELMAX-Wireless systém (str.38)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri aj str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

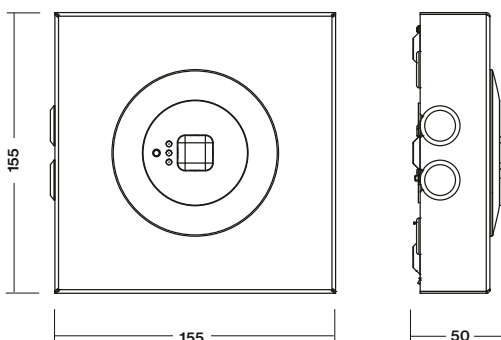
## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 Battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Instalačný mód** (ochrana batérie, pozri aj str.51+142)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51+142)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



CE	I	IP20	230V	24V AC/DC	LED	1-3h
AUTO TEST	CENTRAL TEST	WireLess Control	DALI	4	100.000 HOURS	ON 1 2 3 4
PF>0.9	24V	100%	100%	<b>Input Power:</b> • 5,5W/ 5,7VA (maintained M) • 1,9W/ 4,0VA (non-maintained NM) • 3,5W/ 4,6VA (CBS)		

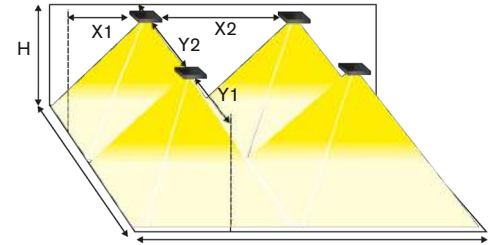




# CEILING ANTIPANIC LIGHTING LEDLUX-SPOT2-B-P



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX					
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	
2,75	3,8	12,6	3,8	12,6	
3,00	3,3	12,7	3,3	12,7	
3,50	2,5	11,8	2,5	11,8	
4,00	1,8	10,1	1,8	10,1	



Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-AT.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-203-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-AT.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-203-04-00-02	0,7 kg
MULTILED-SPOT2-B-P-AT.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-214-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-AT.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-214-04-00-02	0,7 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-DALI.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-215-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-DALI.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-215-04-00-02	0,7 kg
MULTILED-SPOT2-B-P-DALI.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-216-04-00-01	0,8 kg
MULTILED-SPOT2-B-P-DALI.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-216-04-00-02	0,8 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-ATXL.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-217-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-ATXL.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-217-04-00-02	0,7 kg
MULTILED-SPOT2-B-P-ATXL.3h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-218-04-00-01	0,8 kg
MULTILED-SPOT2-B-P-ATXL.3h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-218-04-00-02	0,8 kg

Page No.38

## Wireless CENTRALTEST ELMAX-ATRF

Type	Colour	Light Source	Light Flux / Emergency	Battery	Order Code	Weight
MULTILED-SPOT2-B-P-ATRF.1h	White / biela	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-219-04-00-01	0,7 kg
MULTILED-SPOT2-B-P-ATRF.1h	Grey / šedá	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-219-04-00-02	0,7 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-201-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-201-00-00-02	0,6 kg
C.LEDLUX-SPOT2-B-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-220-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-220-00-00-02	0,6 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-P-DALI 230V AC	White / biela	DALI CBS	HighPower LED	150 lm	182-B-239-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P-DALI 230V AC	Grey / šedá	DALI CBS	HighPower LED	150 lm	182-B-239-00-00-02	0,6 kg

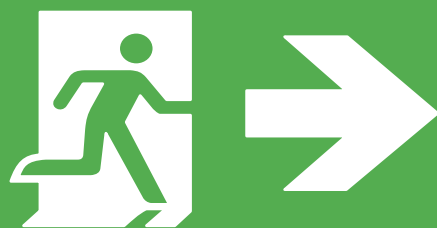
Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-B-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-221-00-00-01	0,6 kg
C.LEDLUX-SPOT2-B-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	HighPower LED	150 lm	182-B-221-00-00-02	0,6 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

Product  
**Assortment**

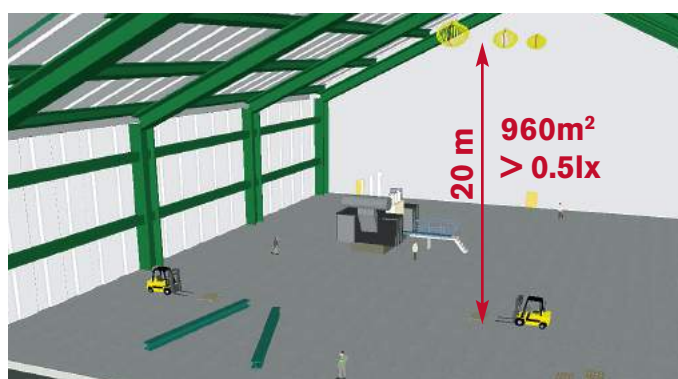
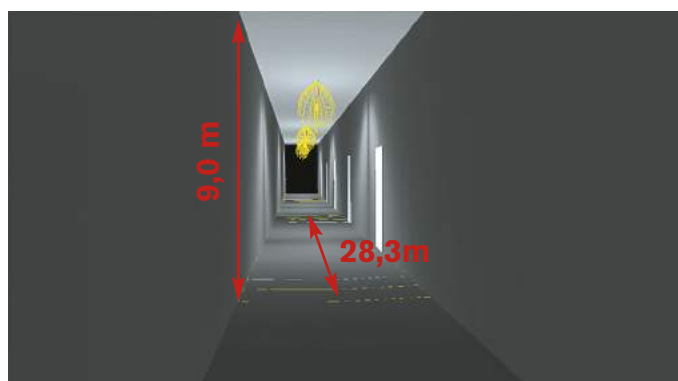
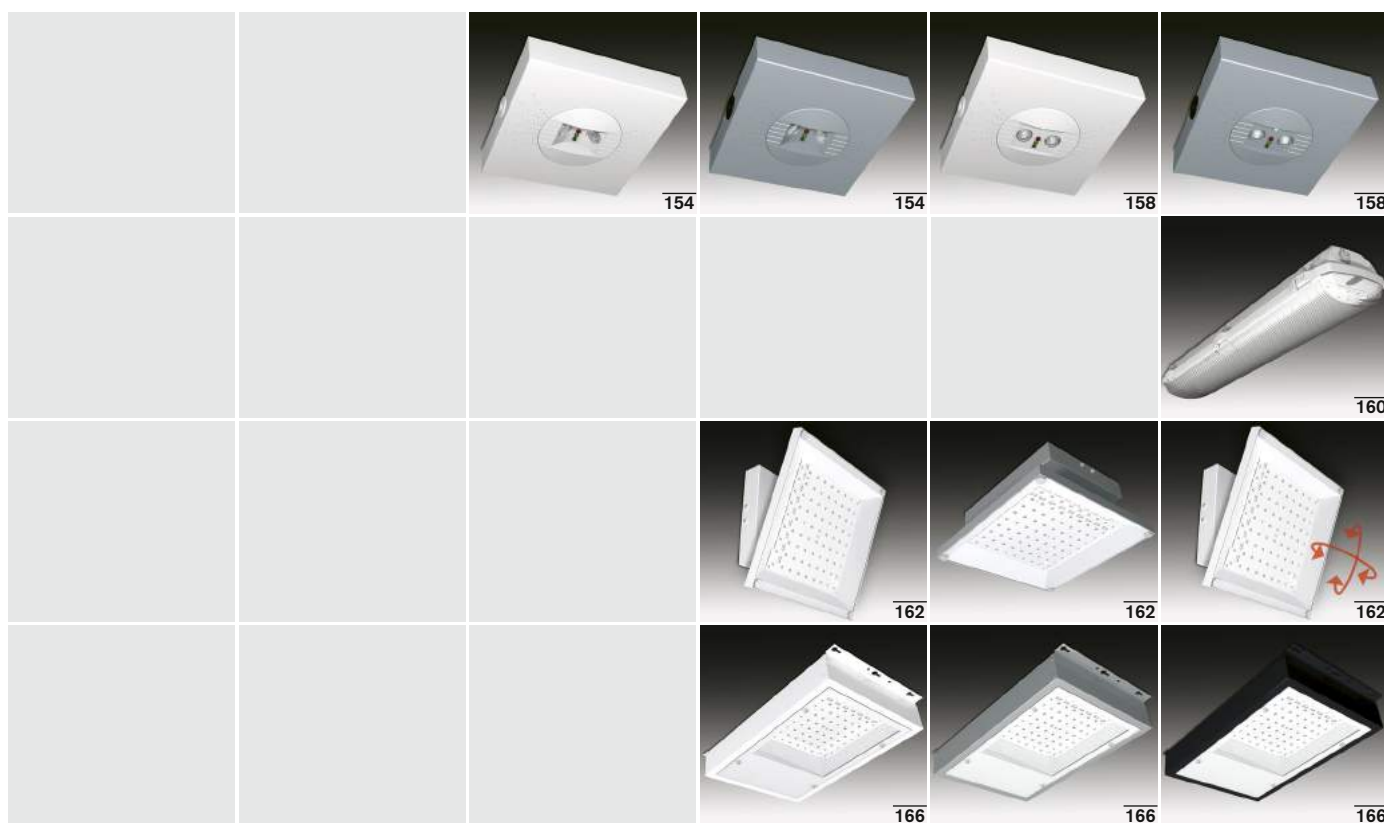


# EMERGENCY LIGHTING

# NÚDZOVÉ SVIETIDLÁ

**PREMIUM** Line (Page No: 152-169)  
ANTIPANIC **HIGH** Ceiling  
ESCAPE ROUTE **HIGH** Ceiling

# HIGH CEILING EMERGENCY LIGHTING



Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx

**HIGH CEILING** application LED Fixtures are equipped with all efficient and highpower LEDs, sophisticated optics and powerful battery. Thanks to all the high light output, maximum efficiency and optimal light distribution result in the need for a low number of luminaires for high ceiling application to comply relevant EN standards and possibility of an installation height up to 20m. Thanks to the design the installation and maintenance is quick and simple.

Typová rada **HIGH CEILING** je určená pre núdzové svetlenie priestorov s vysokou výškou stropu až do 20m. Moderný a nenápadný design vychádzajúci z kvalitných materiálov predurčuje svietidlá pre núdzové osvetlenie v súlade s relevantnými normami plne nezávislým na hlavnom osvetlení. Svietidlá sú vybavené vyváženou kombináciou vysokoefektívnych a výkonných LED, špeciálnej optiky a výkonnej batérie, čo zaručuje vysoký svetelný tok, maximálnu účinnosť a optimálnu distribúciu svetla. Vďaka tomu je potrebný malý počet núdzových svietidiel pre splnenie požiadaviek relevantných noriem. Inštalácia a údržba svietidiel je rýchla a jednoduchá.



# HIGH CEILING ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-HCA

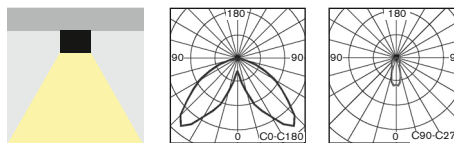
**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**



**HIGH CEILING >4m**



**HIGH CEILING >4m**



• POWERFUL surface mounted escape-route LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING ESCAPE ROUTE** illumination applications in accordance with EN1838

It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) for **non-addressable CBS** (No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003

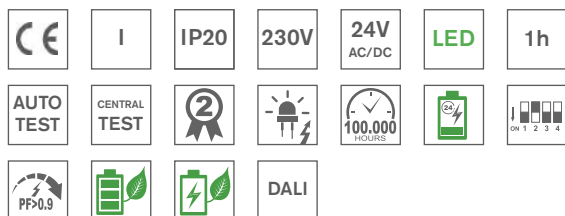
• Výkonné LED svietidlá pre **netrvalé** (NM), **trvalé** (M) alebo **centrálne** (C) núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie v koridoroch vo VÝŠKACH** ako napr. sklady, komunikačné tunely,... aj s funkciami:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) pre **neadresovateľné CBS** (str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

## STANDARD FEATURES

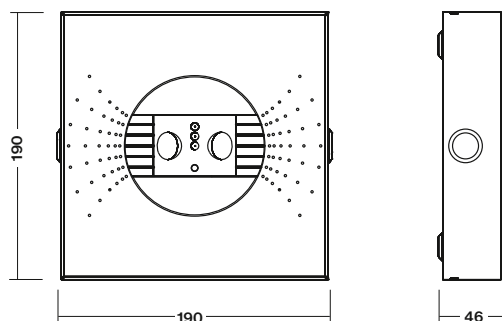
## ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LIFEPO4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- **špeciálna LED šošovka** pre perfektnú distribúciu svetla
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



### Input Power:

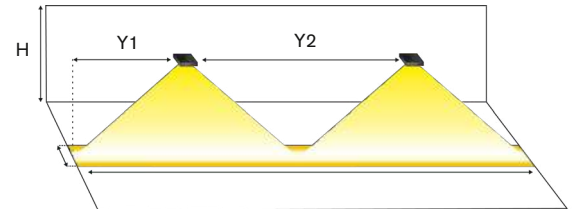
- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)



# HIGH CEILING ESCAPE ROUTE LIGHTING LEDLUX-SPOT2-HCA



Light source	LED 5000K
LED Light output	410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Escape route lighting
Max luminaire spacing	up to <b>28,3m &gt; 1lx</b>



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX

H (m)	Y1 (m)	Y2 (m)
4,00	8,0	18,9
5,00	8,9	21,4
6,00	9,7	23,5
7,00	10,3	25,4
8,00	10,8	26,9
9,00	11,2	28,3

Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCA-P-AT.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-222-04-00-01	1,1 kg
MULTILED-SPOT2-HCA-P-AT.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-222-04-00-02	1,1 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCA-P-DALI.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-240-04-00-01	1,1 kg
MULTILED-SPOT2-HCA-P-DALI.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-240-04-00-02	1,1 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCA-P-ATXL.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-241-04-00-01	1,2 kg
MULTILED-SPOT2-HCA-P-ATXL.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-241-04-00-02	1,2 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P 230V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-224-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P 230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-224-00-00-02	0,8 kg
C.LEDLUX-SPOT2-HCA-P 24V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-225-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P 24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-225-00-00-02	0,8 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P-DALI 230V AC	White / biela	DALI CBS	2xHighPower LEDs	410 lm	182-B-242-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P-DALI 230V AC	Grey / šedá	DALI CBS	2xHighPower LEDs	410 lm	182-B-242-00-00-02	0,8 kg

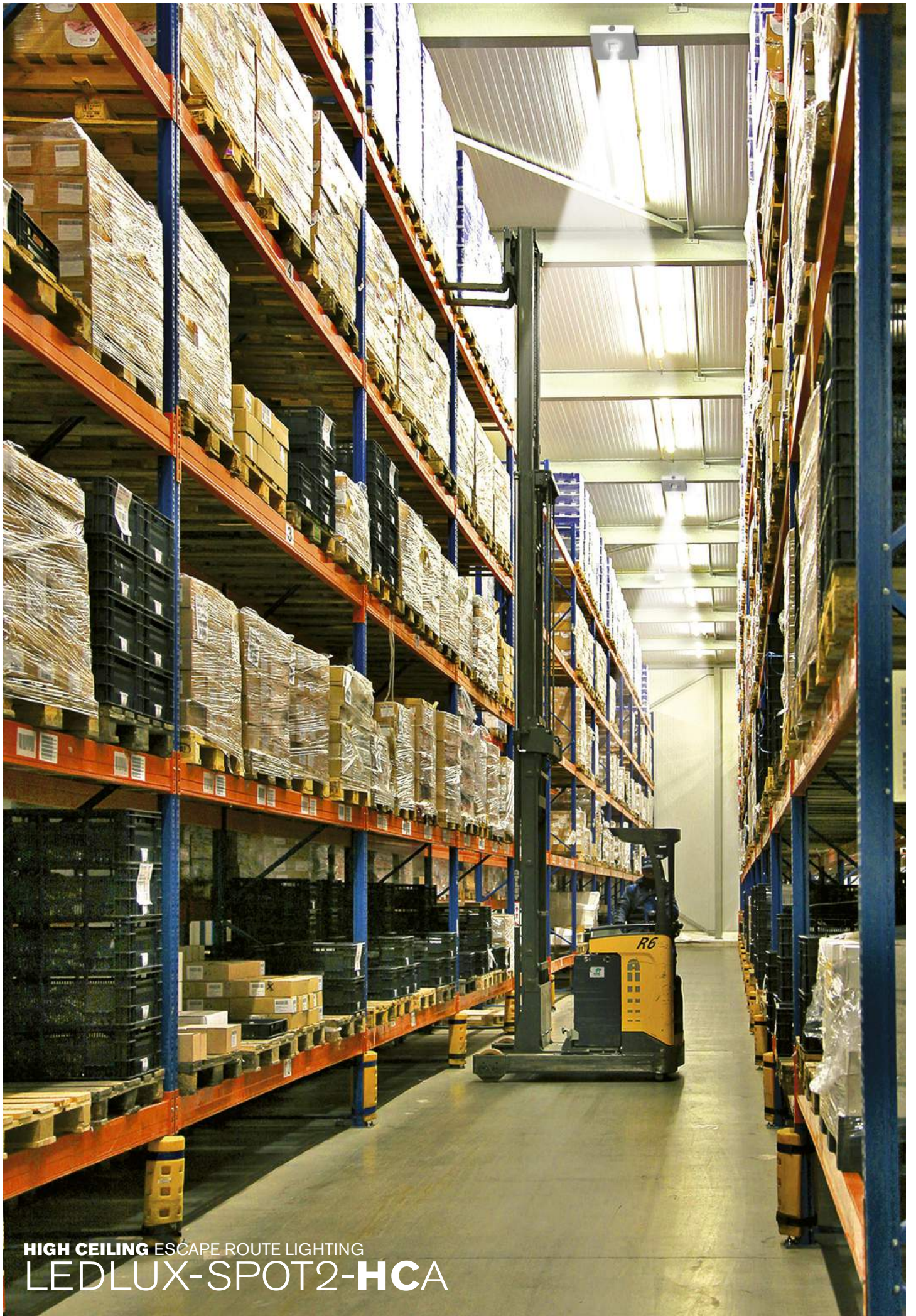
Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P-ATXP 230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-226-00-00-01	0,9 kg
C.LEDLUX-SPOT2-HCA-P-ATXP 230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-226-00-00-02	0,9 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx





**HIGH CEILING** ESCAPE ROUTE LIGHTING  
**LEDLUX-SPOT2-HCA**



**HIGH CEILING** ANTIPANIC LIGHTING  
**LEDLUX-SPOT2-HCB**



# HIGH CEILING ANTIPANIC LIGHTING LEDLUX-SPOT2-HCB

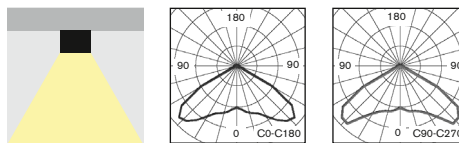
**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**



**HIGH CEILING >4m**



**HIGH CEILING >4m**



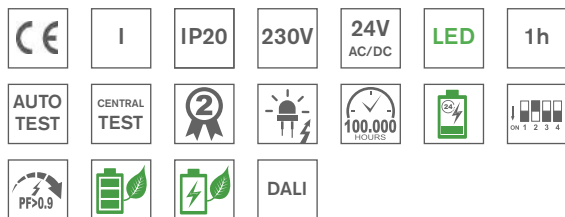
• POWERFULL surface mounted anti-panic LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING OPEN AREA** applications in accordance with EN1838  
It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for **ELMAX LOOK** system (look up also page No.36)
- **CENTRAL BATTERY** (C.LEDLUX-SPOT2) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white)
- výkonné anti-panic LED svietidlá pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie VO VEĽKÝCH VÝŠKACH** ako napr. výrobné haly, športové haly, sklady,... aj s funkciami:
  - **AUTOTEST** (-AT)
  - **DALI**
  - **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
  - **CENTRAL BATTERY** (C.LEDLUX-SPOT2) pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)

## STANDARD FEATURES

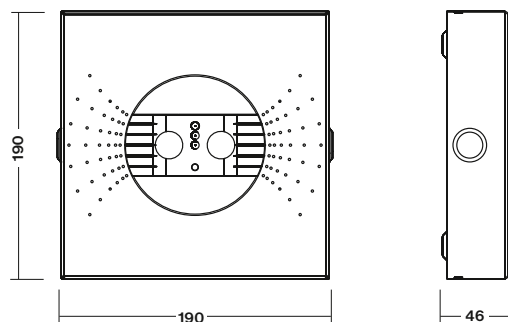
## STANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LIFEPO4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progressívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



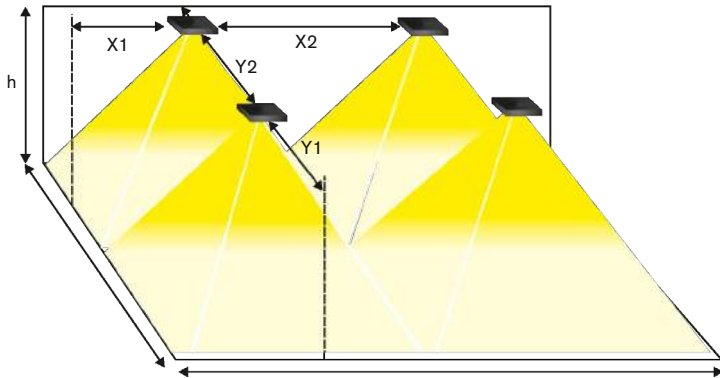
### Input Power:

- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)



# HIGH CEILING ANTIPANIC LIGHTING LEDLUX-SPOT2-HCB

Light source	LED 5000K
LED Light output	410lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>277m<sup>2</sup> &gt; 0.5lx</b>



1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
h (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,00	6,0	13,9	6,0	13,9
5,00	6,5	15,9	6,5	15,9
6,00	6,7	17,5	6,7	17,5
7,00	6,4	18,5	6,4	18,5
7,50	4,5	18,7	4,5	18,7
8,00	2,7	18,8	2,7	18,8

Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCB-P-AT.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-227-04-00-01	1,1 kg
MULTILED-SPOT2-HCB-P-AT.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-227-04-00-02	1,1 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCB-P-DALI.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-243-04-00-01	1,1 kg
MULTILED-SPOT2-HCB-P-DALI.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-243-04-00-02	1,1 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-HCB-P-ATXL.1h	White / biela	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-244-04-00-01	1,2 kg
MULTILED-SPOT2-HCB-P-ATXL.1h	Grey / šedá	2xHighPower LED	410 lm / 410 lm	LiFePo4 6,4V/2,0Ah	182-B-244-04-00-02	1,2 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCB-P/230V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-229-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCB-P/230V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-229-00-00-02	0,8 kg
C.LEDLUX-SPOT2-HCB-P/24V AC/DC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-230-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCB-P/24V AC/DC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-230-00-00-02	0,8 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCB-P-DALI 230V AC	White / biela	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-245-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCB-P-DALI 230V AC	Grey / šedá	CBS NON-ADDRESSABLE	2xHighPower LEDs	410 lm	182-B-245-00-00-02	0,8 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCB-P-ATXPR/230V AC/DC	White / biela	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-231-00-00-01	0,9 kg
C.LEDLUX-SPOT2-HCB-P-ATXPR/230V AC/DC	Grey / šedá	ATXP CBS ADDRESSABLE	2xHighPower LED	410 lm	182-B-231-00-00-02	0,9 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

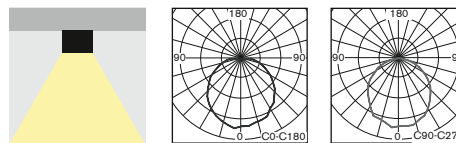


# HIGH CEILING ANTIPANIC LIGHTING PERUN2

**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**



**HIGH CEILING >4m**



• **POWERFULL** ceiling mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed **for HIGH CEILING applications**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **CENTRAL BATTERY** (C.PERUN2) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - impact resistant polycarbonate (PC)
- **NOVÝ typ** výkonného LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne NAVRHNÉ PRE APLIKÁCIE VO VEĽKÝCH VÝŠKACH** ako napr. výrobné haly, športové haly, sklady,...všade tam, kde je potrebná vysoký výkon v núdzovom režime, aj s funkciami:

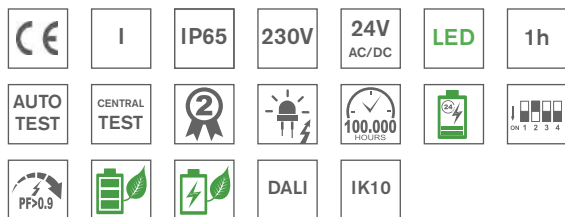
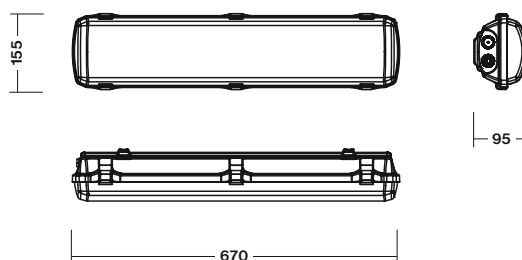
- **AUTOTEST** (-AT)
- **DALI**
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **CENTRAL BATTERY** (C.PERUN2) pre **neadresovateľné CBS** (pozri str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri aj str.40)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso a svetelno-činný kryt z nerozbitného polykarbonátu

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs (>100.000h) 5000K**
- **NEW Advanced Electronics**
- **LONGLIFE LIFEPO4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **Jumper** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné MidPower LED (150lm/W) so životnosťou min.100000h (5000K)**
- **progresívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- **Inštalovaný mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **Jumper** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



### Input Power:

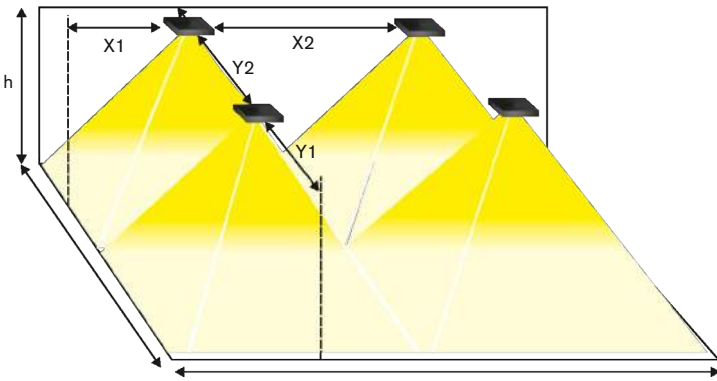
- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/ 36VA (CBS)



Light source	LED 5000K
LED Light output	1650lm / 3900lm
Housing material	Polycarbonate
Housing material	Polycarbonate
Application	High Ceiling Anti-panic lighting
Max room illumination (CBS C.PERUN2)	up to <b>1380 m<sup>2</sup> &gt;0.5lx</b>

**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**

PERUN2-AT 1h (1650lm) 1LX SPACING TABLE					C.PERUN2 (3900lm) 1LX SPACING TABLE				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	8,0	18,6	7,8	18,5	4,0	10,2	22,5	9,7	22,0
5,0	8,7	20,5	8,6	20,1	5,0	11,0	25,7	10,6	24,7
6,0	9,3	22,4	9,2	21,7	6,0	12,1	27,4	11,7	26,7
7,0	10,2	22,8	9,8	23,3	7,0	12,5	30,0	12,5	28,7
8,0	10,4	24,0	9,9	23,8	8,0	12,7	31,5	13,4	30,7
9,0	10,9	25,7	10,2	24,8	9,0	13,7	33,5	13,8	32,5
10,0	11,2	26,0	10,5	25,6	10,0	14,3	33,7	14,1	34,0
11,0	11,4	26,7	10,7	26,2	11,0	14,8	34,6	14,6	35,0
12,0	11,4	27,5	10,8	27,5	12,0	15,7	35,3	14,8	35,3
13,0	11,8	29,0	10,9	28,0	13,0	16,4	37,3	15,3	36,6
14,0	10,4	29,2	10,5	27,7	14,0	16,5	37,6	15,6	36,7
15,0	10,0	27,6	10,2	27,2	15,0	17,0	39,3	15,7	37,8
16,0	9,6	27,4	10,0	26,8	16,0	17,5	39,6	15,9	40,6
17,0	9,1	25,8	9,6	27,5	17,0	16,8	40,6	15,9	41,1
18,0	9,2	26,4	8,5	27,6	18,0	15,7	41,7	16,0	41,3
19,0	9,0	27,1	8,2	27,5	19,0	16,4	42,4	16,0	41,5
20,0	7,9	27,0	7,3	27,2	20,0	15,5	43,8	16,0	41,8



Page No.32

## AUTOTEST -AT NM/M

Type	Version	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
PERUN2-AT.1h	NM/M	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	19-B-100-04-00-00	2,6 kg

## DALI SELF-CONTAINED

Type	Version	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
PERUN2-DALI.1h	NM/M	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	19-B-101-04-00-00	2,6 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Version	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
PERUN2-ATXL.1h	NM/M	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	19-B-102-04-00-00	2,6 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PERUN2 230V AC/DC	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	19-B-103-00-00-00	2,0 kg
C.PERUN2 24V DC	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	19-B-104-00-00-00	4,0 kg
C.PERUN2 110V DC	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	19-B-105-00-00-00	4,0 kg

## DALI CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PERUN2-DALI 230V AC	DALI CBS	MidPower LEDs	1650 lm	19-B-106-00-00-00	2,0 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PERUN2-ATXPR 230V AC/DC	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	19-B-107-00-00-00	2,0 kg

# HIGH CEILING ANTIPANIC LIGHTING ROTALUX2

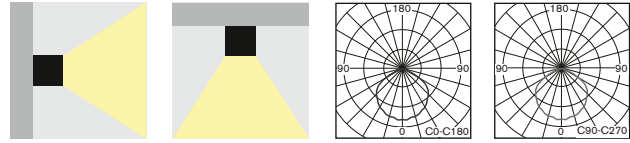
**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**



**HIGH CEILING >4m**



**HIGH CEILING >4m**



- **POWERFULL rotatable** ceiling or wall mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING applications where the lighting beam needs to be directed.**

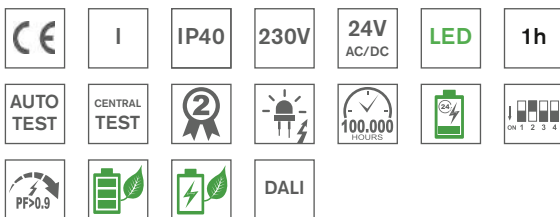
It is available in all following versions:

- **AUTOTEST (-AT)**
- **DALI**
- **CENTRALTEST (-ATXL)** for ELMAX LOOK system (look up also page No.36)
- **CENTRAL BATTERY (C.ROTALUX2)** for **non-addressable CBS** (page 44)
- **CENTRAL BATTERY (-ATXP)** for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with powder coat finish RAL9006 (grey) or RAL9003 (white)
  - impact resistant polycarbonate diffuser (PC)
- výkonné LED svietidlo s otočným kĺbom pre netrvale (NM), trvalé (M) alebo centrálne (C) núdzové osvetlenie pre povrchovú montáž na strop alebo kólmú stenu **špeciálne navrhnuté pre aplikácie VO VEĽKÝCH VÝŠKACH** ako napr. výrobné haly, športové haly, sklady,...všade tam, kde je potrebná možnosť smerovania svetelného toku pomocou otočného kĺbu, aj s funkciami:
  - **AUTOTEST (-AT),**
  - **DALI**
  - **CENTRALTEST (-ATXL)** pre systém ELMAX LOOK (pozri str.36)
  - **CENTRAL BATTERY (C.ROTALUX2)** pre **neadresovateľné CBS** (str.44)
  - **CENTRAL BATTERY (-ATXP)** pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri str. 40)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela)
  - svetelno-činný kryt z nerozbitného polykarbonátu

## STANDARD FEATURES

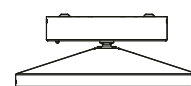
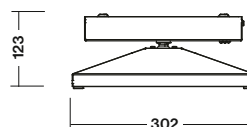
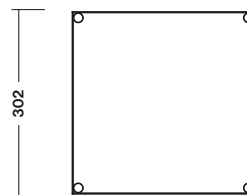
## ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **Rod-end bearing** allowing to direct the lighting beam to the required area
- **NEW Advanced Electronics**
- **LONGLIFE LIFEPO4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **Jump** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- Addressable **CENTRALTEST** communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoke účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **guľový kĺb** umožňujúci nasmerovanie svetelného toku do požadovaného priestoru (napr. nad výrobnú technológiu, nakladačiu rampu a pod.)
- **progresívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **Jump** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný **CENTRALTEST** komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



### Input Power:

- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/36VA (CBS)

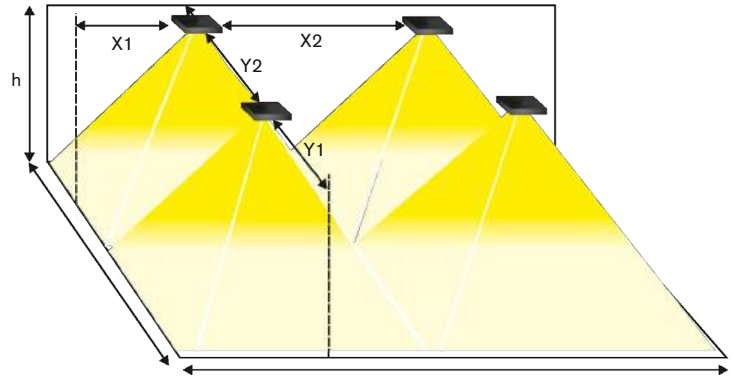




# HIGH CEILING ANTIPANIC LIGHTING ROTALUX2

MULTIROTALUX2-AT 1h (1650lm) 1LX SPACING TABLE					C.ROTALUX2 (3900lm) 1LX SPACING TABLE				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	7,9	18,2	7,9	18,2	4,0	9,0	20,0	9,0	20,0
5,0	9,0	20,8	9,0	20,8	5,0	10,5	23,2	10,5	23,2
6,0	9,7	23,3	9,7	23,3	6,0	11,8	26,3	11,8	26,3
7,0	10,4	25,4	10,4	25,4	7,0	13,0	28,9	13,0	28,9
8,0	11,0	27,1	11,0	27,1	8,0	14,0	31,6	14,0	31,6
9,0	11,4	28,3	11,4	28,3	9,0	14,7	34,0	14,7	34,0
10,0	11,5	29,8	11,5	29,8	10,0	15,5	35,8	15,5	35,8
11,0	11,6	31,0	11,6	31,0	11,0	15,8	37,7	15,8	37,7
12,0	11,6	31,7	11,6	31,7	12,0	16,3	39,3	16,3	39,3
13,0	11,5	32,2	11,5	32,2	13,0	16,7	40,5	16,7	40,5
14,0	11,2	32,6	11,2	32,6	14,0	16,8	41,3	16,8	41,3
15,0	11,0	32,7	11,0	32,7	15,0	17,0	42,0	17,0	42,0
16,0	10,8	32,8	10,8	32,8	16,0	17,3	42,8	17,3	42,8
17,0	10,1	32,6	10,1	32,6	17,0	17,3	43,4	17,3	43,4
18,0	9,5	32,5	9,5	32,5	18,0	17,3	43,7	17,3	43,7
19,0	8,8	32,1	8,8	32,1	19,0	17,3	44,3	17,3	44,3
20,0	8,1	31,8	8,1	31,8	20,0	17,0	44,5	17,0	44,5

Light source	LED 5000K
LED Light output	1650lm / 3900lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>1520m<sup>2</sup> &gt; 0.5lx</b> (valid for C.ROTALUX2 CBS version)



Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIROTALUX2-AT.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-100-04-00-01	4,6 kg
MULTIROTALUX2-AT.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-100-04-00-02	4,6 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIROTALUX2-DALI.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-105-04-00-01	4,6 kg
MULTIROTALUX2-DALI.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-105-04-00-02	4,6 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIROTALUX2-ATXL.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-101-04-00-01	4,7 kg
MULTIROTALUX2-ATXL.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	165-B-101-04-00-02	4,7 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2 230V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	165-B-102-00-01	4,0 kg
C.ROTALUX2 230V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	165-B-102-00-02	4,0 kg
C.ROTALUX2 24V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	165-B-103-00-01	4,0 kg
C.ROTALUX2 24V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	165-B-103-00-02	4,0 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2-DALI 230V AC RAL9003	White / biela	DALI CBS	MidPower LEDs	1650 lm	165-B-106-00-00-01	4,0 kg
C.ROTALUX2-DALI 230V AC RAL9006	Grey / šedá	DALI CBS	MidPower LEDs	1650 lm	165-B-106-00-00-01	4,0 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2-ATXP 230V AC/DC RAL9003	White / biela	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	165-B-104-00-01	4,0 kg
C.ROTALUX2-ATXP 230V AC/DC RAL9006	Grey / šedá	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	165-B-104-00-02	4,0 kg



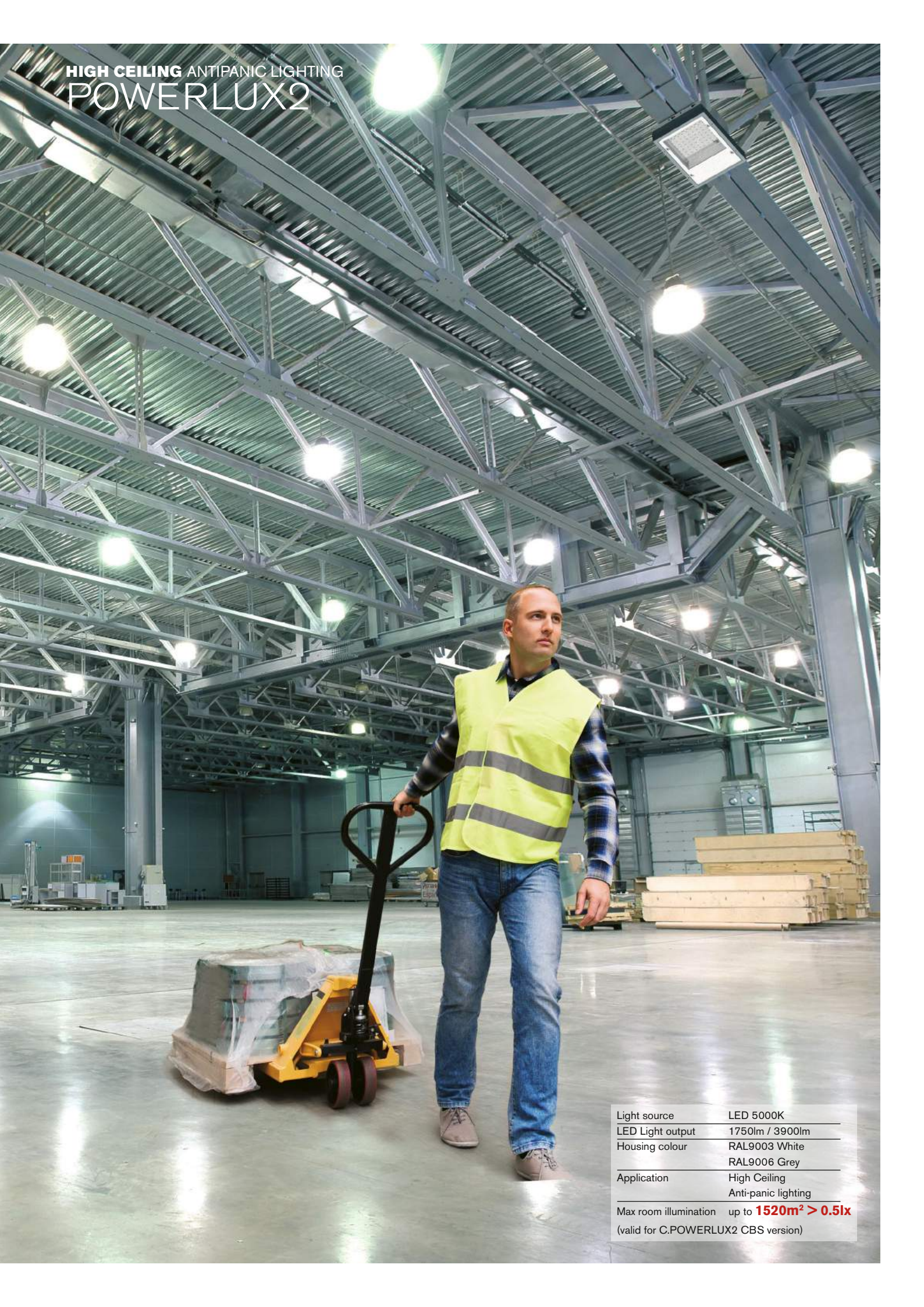
# HIGH CEILING ANTIPANIC LIGHTING ROTALUX2



Light source	LED 5000K
LED Light output	1650lm / 3900lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>1520m<sup>2</sup> &gt; 0.5lx</b> (valid for C.ROTALUX2 CBS version)



HIGH CEILING ANTIPANIC LIGHTING  
POWERLUX2



Light source	LED 5000K
LED Light output	1750lm / 3900lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>1520m<sup>2</sup> &gt; 0.5lx</b> (valid for C.POWERLUX2 CBS version)





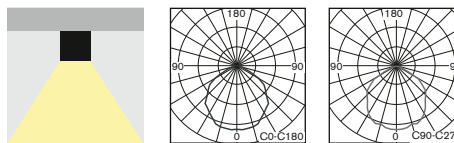
**HIGH CEILING >4m**



**HIGH CEILING >4m**



**HIGH CEILING >4m**



- **POWERFULL** ceiling mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING applications**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) for ELMAX LOOK system (look up also page No.36)
- **CENTRAL BATTERY** (C.POWERLUX2) for **non-addressable CBS** (look up also page No.44)
- **CENTRAL BATTERY** (-ATXP) for system **ELMAX-PATROLUX & Addressable CBS** (look up also page No.40)
- **DALI**
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with powder coat finish either RAL9006 (grey) or RAL9003 (white) or RAL9005 (black)
  - impact resistant polycarbonate diffuser (PC)

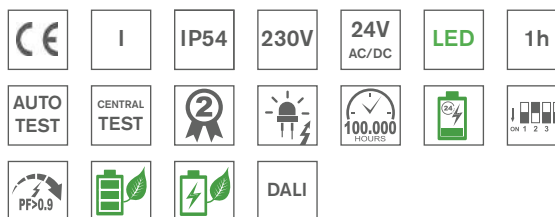
- **NOVÝ typ** výkonného LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie vo veľkých výškach** ako napr. výrobné haly, športové haly, sklady,...všade tam, kde je potrebná vysoký výkon v núdzovom režime, aj s funkciami:

- **AUTOTEST** (-AT)
- **CENTRALTEST** (-ATXL) pre systém ELMAX LOOK (pozri str.36)
- **CENTRAL BATTERY** (C.POWERLUX2) pre **neadresovateľné CBS** (pozri str.44)
- **CENTRAL BATTERY** (-ATXP) pre systém **ELMAX-PATROLUX s adresovateľnou CBS** (pozri aj str.40)
- **DALI**
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z plechu vo farbe RAL9006 (šedá), RAL9003 (biela) alebo RAL9005 (čierna)
  - svetelno-činný kryt z nerozbitného polykarbonátu

#### STANDARD FEATURES

#### STANDARDNÁ VÝBAVA

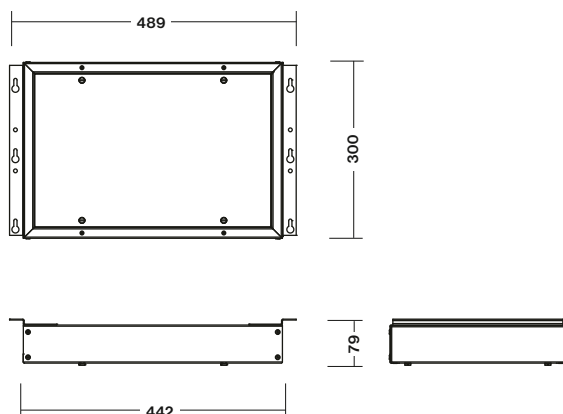
- **High efficient MidPower (150lm/W) LONGLIFE LEDs (>100.000h) 5000K**
- **NEW Advanced Electronics**
- **LONGLIFE battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **Jumper** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- Addressable CENTRALTEST communication module (for ATXL, ATRF, ATXP only)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné MidPower LED (150lm/W) so životnosťou min.100000h (5000K)**
- **progressívna elektronická jednotka**
- **LONGLIFE batéria**
- **Inštalčný mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **Jumper** umožňujúci prednastavenie funkcií:
  - **Inštalčný mód** aktivácia / deaktivácia (pozri aj str.51)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- adresovateľný CENTRALTEST komunikačný modul (len pre ATXL, ATRF, ATXP verzie)
- signalizácia LED a TEST tlačítko



#### Input Power:

- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/ 36VA (CBS)

# HIGH CEILING ANTIPANIC LIGHTING POWERLUX2



Light source	LED 5000K
LED Light output	1650lm / 3900lm
Housing colour	RAL9003 White RAL9006 Grey
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>1520m<sup>2</sup> &gt; 0.5lx</b> (valid for C.POWERLUX2 CBS version)

Page No.32

## AUTOTEST -AT NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2-AT.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-100-04-00-01	5,7 kg
MULTIPOWER2-AT.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-100-04-00-02	5,7 kg
MULTIPOWER2-AT.1h RAL9005	Black / čierna	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-100-04-00-03	5,7 kg

## DALI SELF-CONTAINED

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2-DALI.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-106-04-00-01	5,7 kg
MULTIPOWER2-DALI.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-106-04-00-02	5,7 kg
MULTIPOWER2-DALI.1h RAL9005	Black / čierna	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-106-04-00-03	5,7 kg

Page No.36

## CENTRALTEST -ATXL ELMAX-LOOK

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2-ATXL.1h RAL9003	White / biela	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-101-04-00-01	5,8 kg
MULTIPOWER2-ATXL.1h RAL9006	Grey / šedá	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-101-04-00-02	5,8 kg
MULTIPOWER2-ATXL.1h RAL9005	Black / čierna	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-101-04-00-03	5,8 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.POWERUX2/230V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-01	4,5 kg
C.POWERUX2/230V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-02	4,5 kg
C.POWERUX2/230V AC/DC RAL9005	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-03	4,5 kg
C.POWERUX2/24V AC/DC RAL9003	White / biela	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	15-B-103-00-01	4,5 kg
C.POWERUX2/24V AC/DC RAL9006	Grey / šedá	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	15-B-103-00-02	4,5 kg
C.POWERUX2/24V AC/DC RAL9005	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	15-B-103-00-03	4,5 kg

## DALI CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.POWERUX2/230V AC/DC RAL9003	White / biela	DALI CBS	MidPower LEDs	1650 lm	15-B-107-00-00-01	4,5 kg
C.POWERUX2/230V AC/DC RAL9006	Grey / šedá	DALI CBS	MidPower LEDs	1650 lm	15-B-107-00-00-02	4,5 kg
C.POWERUX2/230V AC/DC RAL9005	Black / čierna	DALI CBS	MidPower LEDs	1650 lm	15-B-107-00-00-03	4,5 kg

Page No.40

## Addressable CENTRAL BATTERY (CBS) -ATXP ELMAX-PATROLUX

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.ROTALUX2-ATXPR/230V AC/DC RAL9003	White / biela	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	15-B-104-00-01	4,5 kg
C.ROTALUX2-ATXPR/230V AC/DC RAL9006	Grey / šedá	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	15-B-104-00-02	4,5 kg
C.ROTALUX2-ATXPR/230V AC/DC RAL9005	Black / čierna	ATXP CBS ADDRESSABLE	MidPower LEDs	3900 lm	15-B-104-00-03	4,5 kg

Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx





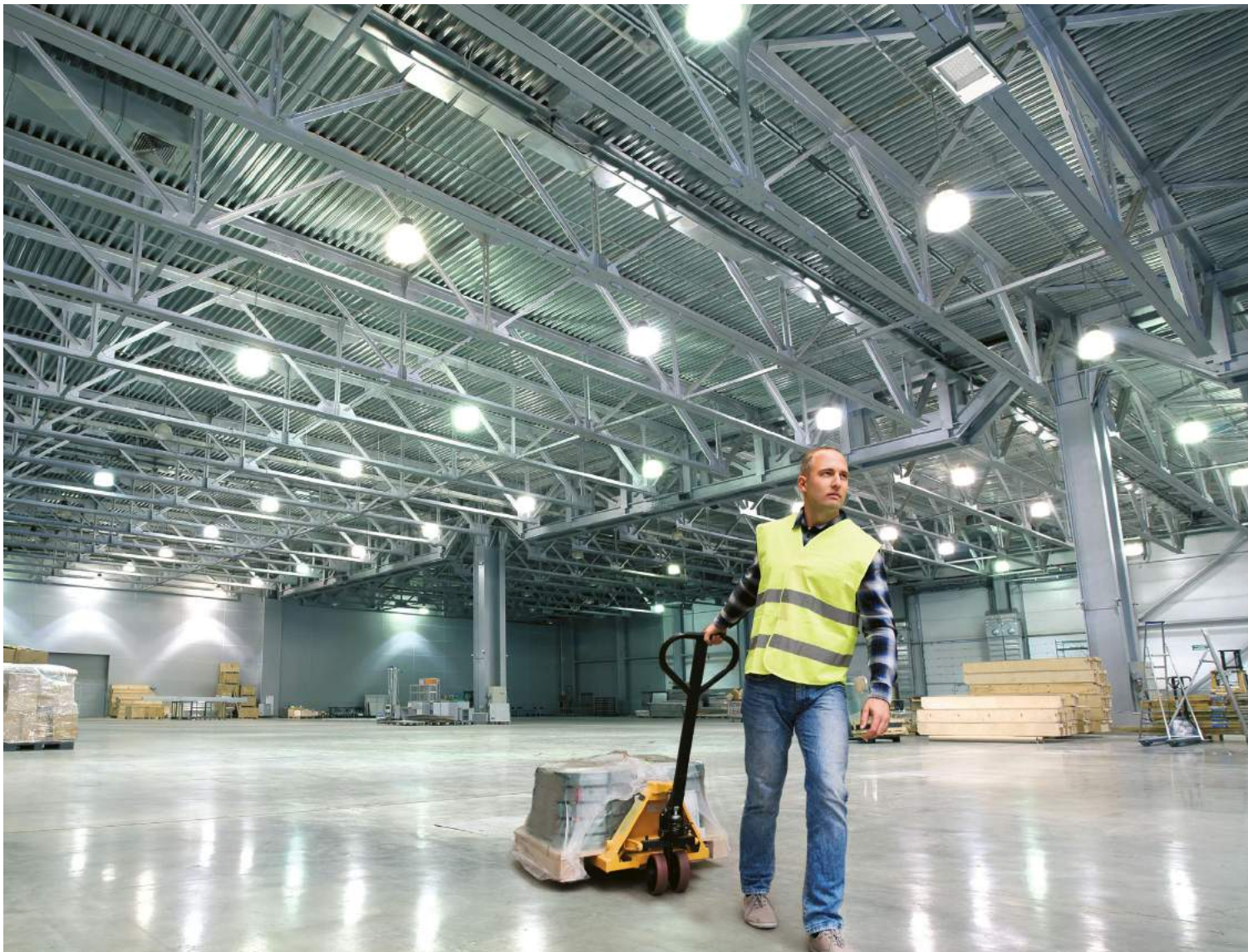
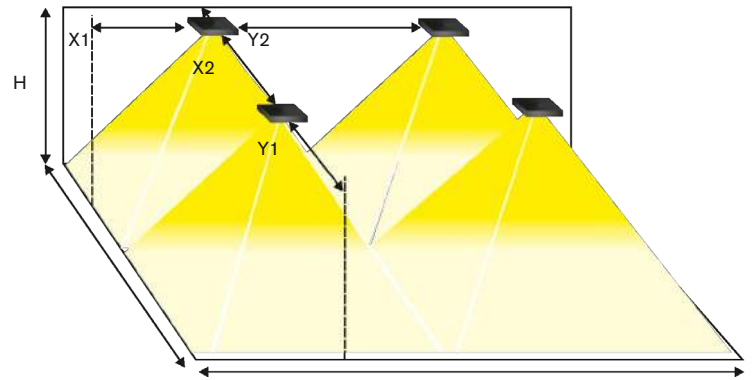


# HIGH CEILING ANTIPANIC LIGHTING POWERLUX2

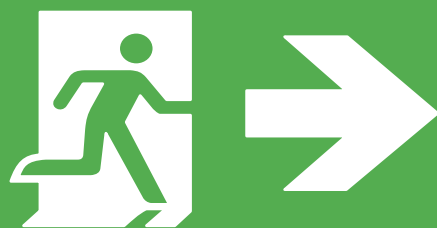
**FOR HIGH CEILING >4m  
PRE VYSOKÉ STROPY >4m**

MULTIPOWER2-AT 1h (1650lm)				
1LX SPACING TABLE				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	7,9	18,2	7,9	18,2
5,0	9,0	20,8	9,0	20,8
6,0	9,7	23,3	9,7	23,3
7,0	10,4	25,4	10,4	25,4
8,0	11,0	27,1	11,0	27,1
9,0	11,4	28,3	11,4	28,3
10,0	11,5	29,8	11,5	29,8
11,0	11,6	31,0	11,6	31,0
12,0	11,6	31,7	11,6	31,7
13,0	11,5	32,2	11,5	32,2
14,0	11,2	32,6	11,2	32,6
15,0	11,0	32,7	11,0	32,7
16,0	10,8	32,8	10,8	32,8
17,0	10,1	32,6	10,1	32,6
18,0	9,5	32,5	9,5	32,5
19,0	8,8	32,1	8,8	32,1
20,0	8,1	31,8	8,1	31,8

C.POWERLUX2 (3900lm)				
1LX SPACING TABLE				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	9,0	20,0	9,0	20,0
5,0	10,5	23,2	10,5	23,2
6,0	11,8	26,3	11,8	26,3
7,0	13,0	28,9	13,0	28,9
8,0	14,0	31,6	14,0	31,6
9,0	14,7	34,0	14,7	34,0
10,0	15,5	35,8	15,5	35,8
11,0	15,8	37,7	15,8	37,7
12,0	16,3	39,3	16,3	39,3
13,0	16,7	40,5	16,7	40,5
14,0	16,8	41,3	16,8	41,3
15,0	17,0	42,0	17,0	42,0
16,0	17,3	42,8	17,3	42,8
17,0	17,3	43,4	17,3	43,4
18,0	17,3	43,7	17,3	43,7
19,0	17,3	44,3	17,3	44,3
20,0	17,0	44,5	17,0	44,5



Product  
**Assortment**



# **EMERGENCY LIGHTING**

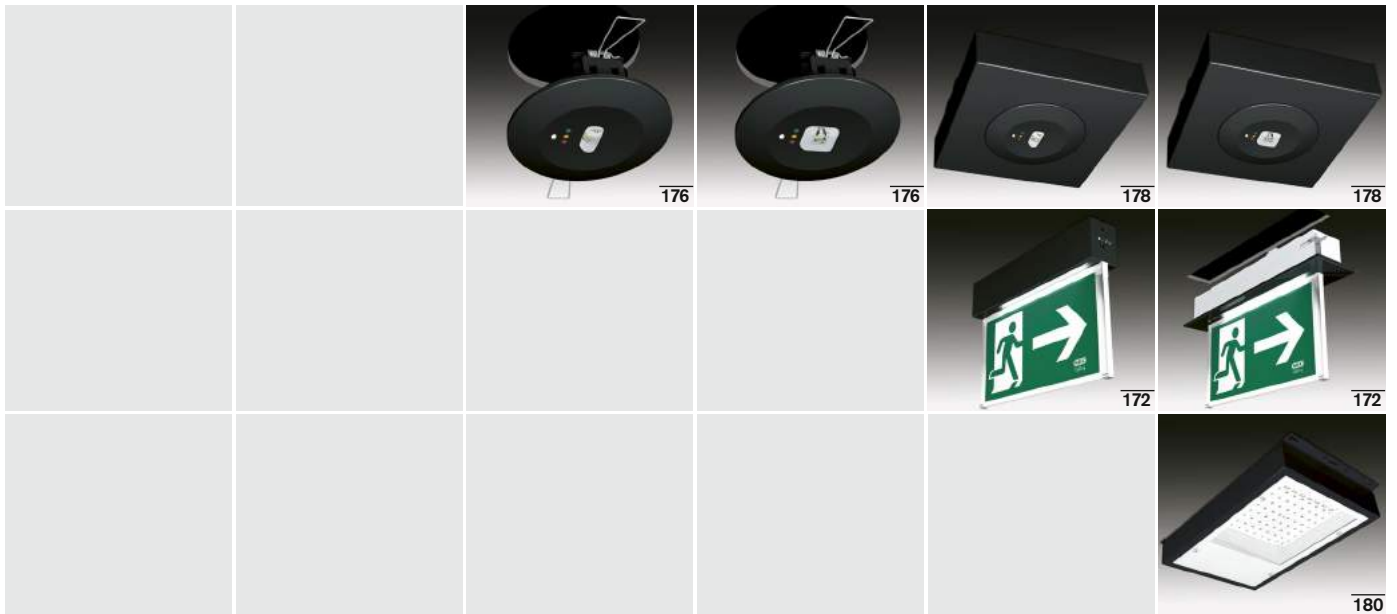
# **NÚDZOVÉ SVIETIDLÁ**

**PREMIUM** Line (Page No: 170-181)  
**CINEMA** Applications (NO AUTOTEST)



# CINEMA EMERGENCY LIGHTING

ASSORTMENT



**CINEMA** LED Fixtures are especially designed for CINEMA / THEATRE applications. The surface is painted in black matt colour to avoid reflections. AUTOTEST function is not active to avoid testing procedure (LED ON) during cinema / theatre performance.

Typová rada **CINEMA** je určená pre núdzové osvetlenie priestorov kín a divadiel. Teleso svietidiel je lakované matnou čiernou farbou. Funkcia AUTOTEST nie je aktívna, aby neprišlo k testu a tým nežiadúcemu rozsvieteniu počas predstavenia.



# NO-AUTOTEST EMERGENCY LIGHTING LEDLUX2 CINEMA



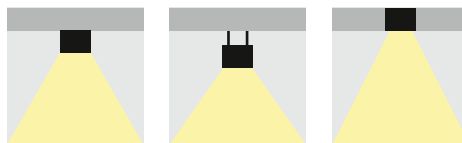
← → 30m

Surface Mounted (all "-P" versions)  
Prisadená verzia (všetky "-P" verzie)



← → 30m

Recessed Mounted (all "-V" versions)  
Zapustená montáž do stropu (všetky "-V" verzie)



- Modern design orientated **surface mounted LED** non-maintained/maintained (NM/M) emergency lighting with smooth legend illumination especially designed for cinema / theatre applications.
- **AUTOTEST** function is deactivated to avoid testing (LED ON) during the movie or theatre performance
- Legend luminance >200cd/m<sup>2</sup> (white), dimmable (see setup on page 175)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish matt RAL9005 (black)
- Elegantné stropné LED svietidlá pre **netrvalé/trvalé (NM/M)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu **navrhnuté špeciálne pre použitie v kinách a divadlách**
- **AUTOTEST** funkcia je deaktivovaná, aby sa zamedžilo nežiadúcemu rozsvieteniu LED počas predstavenia
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- Jas piktogramu >200cd/m<sup>2</sup> (white), nastaviteľné (pozri str.175)
- konštrukcia: teleso z oceľového plechu vo farbe RAL9005 (čierna matná)

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W, 5000K) LONGLIFE LEDs (>100.000h)**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51+175)
- **Intelligent battery charging** (intermittent charging, look up page No.51+175)
- **DIP Switch** allowing to preset following functions:
  - **ECO Mode** (dimming 10%-100%, for more details look up page No.51+175)
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoce účinné MidPower LED (150lm/W, 5000K) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.51+175)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+175)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **ECO Mód** (stmievanie 10%-100%, pozri aj str.51+175)
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **Special suspended plexi with layered design for perfect uniform illumination of legend - must be ordered as a separate item (look up also page No.173)**
- Wall or ceiling mounting brackets (look up also page No.174)
- Wire rope suspension set (look up also page No.174)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- pozri aj str.173)**
- nástenná, stropná alebo stropná závesná konzola (pozri aj str.174)
- lanková závesná sada (pozri aj str.174)

Parallel wall mounting bracket  
Konzola rovnobežne so stenou

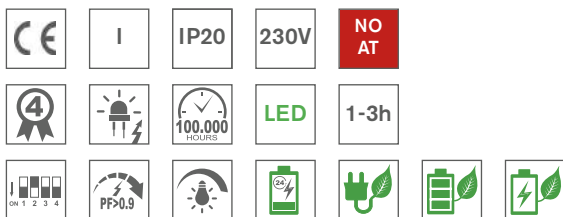


RAL9005

Upright wall mounting bracket  
Konzola kolmo na stenu



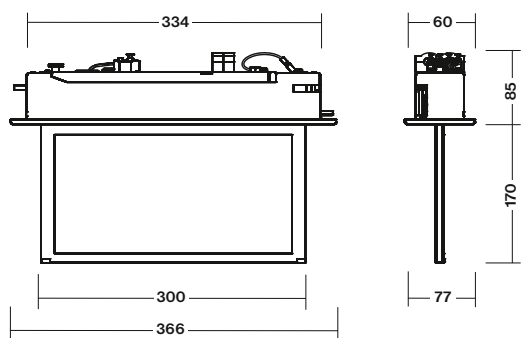
RAL9005



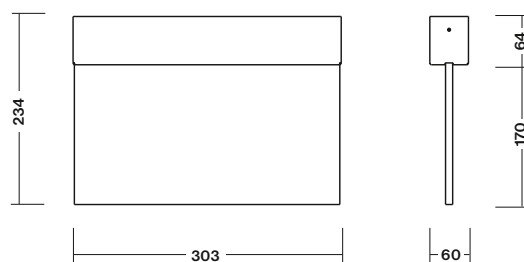
### Input Power:

- 5,3W/ 5,6VA (maintained M)
- 2,0W/ 3,8VA (non-maintained NM)
- 3,0W/ 5,1VA (CBS)

Recessed mounting hole size: 340 x 65 mm  
Rozmer montážneho otvoru : 340 x 65 mm



## NO-AUTOTEST EMERGENCY LIGHTING LEDLUX2 CINEMA



### Surface Mounting **NO-AUTOTEST NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-P.3h <b>NO-AT</b>	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-018-04-00-03	1,2 kg

### Recessed Mounting **NO-AUTOTEST NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED2-V.3h <b>NO-AT</b>	Only Body, No Plexi incl.	Black / čierna	MidPower LEDs	3h	LiFePo4 6,4V/1,0Ah	309-B-118-04-00-03	1,2 kg

## Suspended Plexi / závesné plexi s piktogramom



• It is not included in standard package. It must be ordered as separate item !

- Viewing Distance: 30m
- Complying ISO7010
- Legend luminance >500cd/m<sup>2</sup> (white)

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !

- rozoznatelnosť piktogramu: 30m
- v súlade s ISO7010
- jas piktogramu >500cd/m<sup>2</sup> (biela)



### Suspended plexi Accessory

Optional Item	Order Code
Double sided plexi with legend H/J	309-B-000-00-00-01
Double sided plexi with legend I	309-B-000-00-00-02
Single sided plexi with legend H	309-B-000-00-00-03
Single sided plexi with legend I	309-B-000-00-00-04
Single sided plexi with legend J	309-B-000-00-00-05
Double sided plexi with legend K/M	309-B-000-00-00-06
Double sided plexi with legend L/N	309-B-000-00-00-07
Single sided plexi with legend K	309-B-000-00-00-08
Single sided plexi with legend L	309-B-000-00-00-09
Single sided plexi with legend M	309-B-000-00-00-10
Single sided plexi with legend N	309-B-000-00-00-11
Single sided plexi with legend O	309-B-000-00-00-12
Double sided plexi with legend O	309-B-000-00-00-13
Double sided plexi with legend Z1	309-B-000-00-00-27
Double sided plexi with legend Z2	309-B-000-00-00-28

### Závesné plexi s piktogramom

Priplatok	Objednávaci kód
Obojstranné plexi s piktogramom H/J	309-B-000-00-00-01
Obojstranné plexi s piktogramom I	309-B-000-00-00-02
Jednostranné plexi s piktogramom H	309-B-000-00-00-03
Jednostranné plexi s piktogramom I	309-B-000-00-00-04
Jednostranné plexi s piktogramom J	309-B-000-00-00-05
Obojstranné plexi s piktogramom K/M	309-B-000-00-00-06
Obojstranné plexi s piktogramom L/N	309-B-000-00-00-07
Jednostranné plexi s piktogramom K	309-B-000-00-00-08
Jednostranné plexi s piktogramom L	309-B-000-00-00-09
Jednostranné plexi s piktogramom M	309-B-000-00-00-10
Jednostranné plexi s piktogramom N	309-B-000-00-00-11
Jednostranné plexi s piktogramom O	309-B-000-00-00-12
Obojstranné plexi s piktogramom O	309-B-000-00-00-13
Obojstranné plexi s piktogramom Z1	309-B-000-00-00-27
Obojstranné plexi s piktogramom Z2	309-B-000-00-00-28

**Optional Accessories:**

- Wall brackets
- Wire rope suspension set

**Priplatky:**

- nástenné konzoly
- lankový záves

Parallel wall mounting bracket  
Konzola rovnobežne so stenou



RAL9005

Upright wall mounting bracket  
Konzola kolmo na stenu



RAL9005

**Optional Item / Priplatky****Order Code**

Parallel wall mounting bracket in black RAL9005 colour / nástenná konzola rovnobežne so stenou v čiernej RAL9005 309-B-000-01-01-03

Upright wall mounting bracket in black RAL9005 colour / konzola kolmo na stenu v čiernej RAL9005 309-B-000-03-01-03

Wire rope suspension set 1,0m long in black RAL9005 colour / lankový závesná sada 1,0m dlhá v čiernej RAL9005 farbe 85-B-05-13-02





# DIP-SWITCH SET-UP FEATURES LEDLUX2 CINEMA



## DIP SWITCH FEATURES No.1 DIP PREPÍNAČ č.1- FUNKCIE

## DIP SWITCH FEATURES No.2-4 DIP PREPÍNAČ č.2-4 - FUNKCIE

**NORMAL MODE 230V MAINS**

**EMERGENCY MODE BATTERY**

**ESCAPE SIGN Brightness in 230V**

ON OFF 1 2 3 4

OFF = 100%  
BRIGHTNESS > 200cd/m<sup>2</sup>

**ECO MODE 10% (in 230V Mode)**

ON OFF 1 2 3 4

ON = 10%  
BRIGHTNESS > 2cd/m<sup>2</sup>

**INSTALLATION MODE SET UP**

M / NM

**NON-MAINTAINED / MAINTAINED MODE SET UP**

ON OFF 1 2 3 4

**DEFAULT SETTING / PREDNASTAVENÉ**

OFF - ACTIVATED  
ON - DEACTIVATED

**DEFAULT SETTING / PREDNASTAVENÉ**

ON - MAINTAINED  
OFF - NON-MAINTAINED

**TO SEE THE CHANGE PUSH EITHER TEST BUTTON OR DISCONNECT THE FIXTURE FROM BOTH THE MAINS 230V AND BATTERY**  
Po prestavení stlačte TEST alebo odpojte batériu a 230V napájanie na aktiváciu zmeny



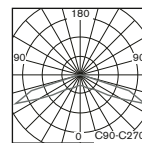
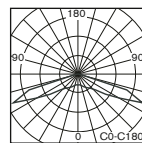
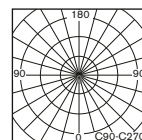
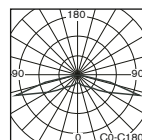
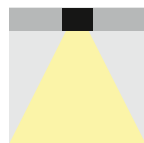
# NO-AUTOTEST EMERGENCY LIGHTING FOR RECESSED MOUNTING LEDLUX-SPOT2-V CINEMA



Escape Route Corridor Application "A" version



Open Area Application "B" version



- Escape Route Corridor Application
- All "A" versions
- Osvetlenie únikových ciest
- všetky "A" verzie

- Antipanic Open Area Application
- All "B" versions
- Antipanic osvetlenie
- všetky "B" verzie

- Modern design orientated **recessed mounted LED** non-maintained/maintained (NM/M) emergency lighting especially designed for cinema / theatre applications
- Perfect light distribution **especially** designed for a **corridor applications (all versions "A" - escape route illumination to EN1838) or open area antipanic (all versions "B")**
- **AUTOTEST** function is deactivated to avoid testing (LED ON) during the movie or theatre performance

It is available in all following versions:

- **SELFCONTAINED (NO-AT)**
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** for **non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9005 (black)

- Elegánnté stropné zapustené LED svietidlá pre **netrvalé/trvalé (NM/M) núdzové osvetlenie navrhnuté špeciálne pre použitie v kinách a divadlách (verzie "A" pre osvetlenie únikových ciest a koridorov a verzie "B" antipanic osvetlenie pre otvorené priestory)**

- **AUTOTEST** funkcia je deaktivovaná, aby sa zamedžilo nežiadúcemu rozsvieteniu LED počas predstavenia

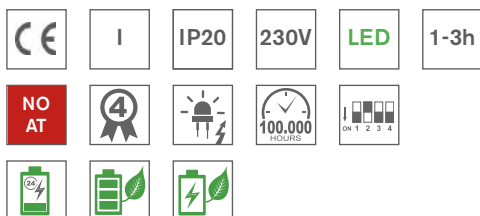
Verzie:

- **s vlastnou batériou (NO-AT, bez autotestu)**
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** pre **neadresovateľné CBS** (str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9005 (čierna)

## STANDARD FEATURES

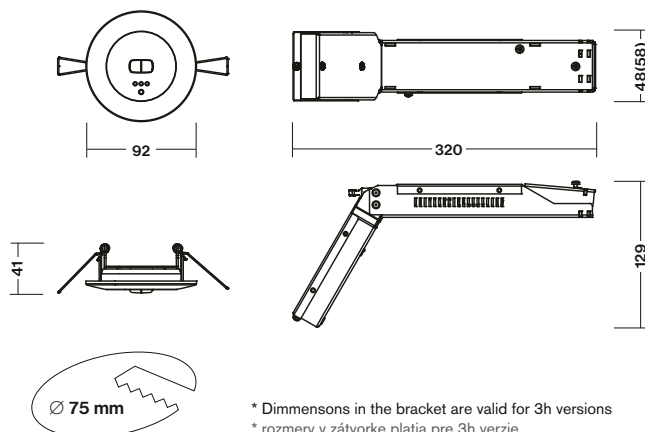
## ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs >100.000h**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation/deactivation
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalacný mód** (ochrana batérie, pozri aj str.51+142)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Inštalacný mód** aktivácia / deaktivácia (pozri aj str.51+142)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- signalizácia LED a TEST tlačítko



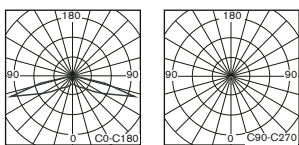
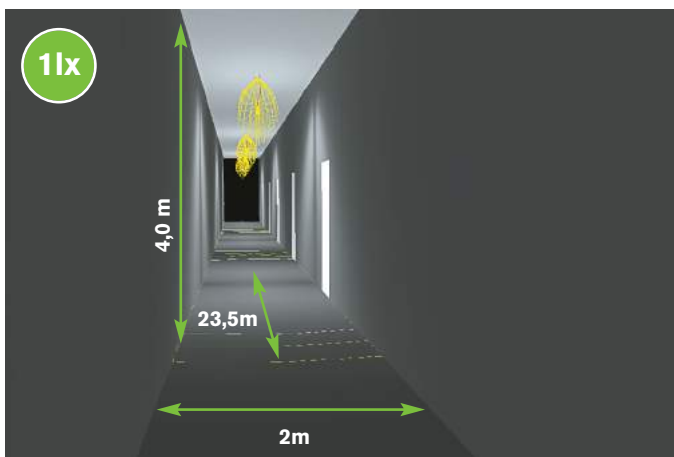
### Input Power:

- 5,5W/ 5,7VA (maintained M)
- 1,9W/ 4,0VA (non-maintained NM)
- 3,5W/ 4,6VA (CBS)



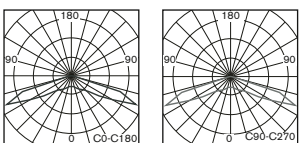
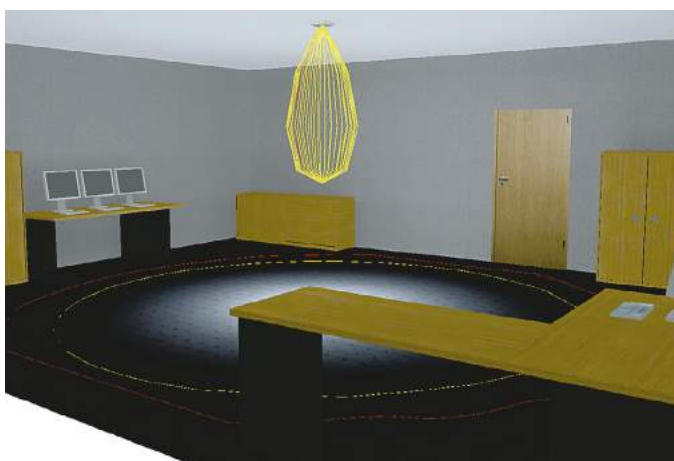
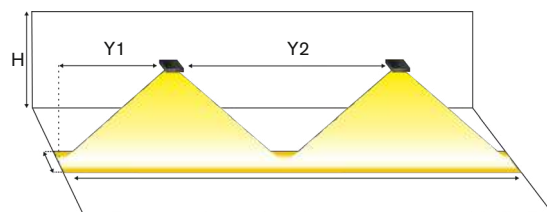
\* Dimmensions in the bracket are valid for 3h versions  
\* rozmery v zátvorke platia pre 3h verzie

# NO-AUTOTEST EMERGENCY LIGHTING LEDLUX-SPOT2-V CINEMA



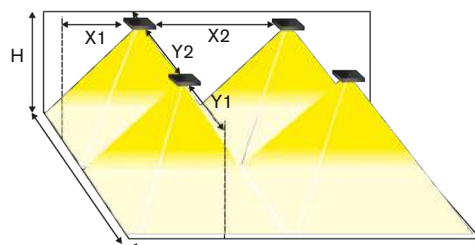
- Escape Route Corridor Application
- All "A" versions
- Osvetlenie únikových ciest
- všetky "A" verzie

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



- Antipanic Open Area Application
- All "B" versions
- Antipanic osvetlenie "otvorené" priestory
- všetky "B" verzie

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	3,8	12,6	3,8	12,6
3,00	3,3	12,7	3,3	12,7
3,50	2,5	11,8	2,5	11,8
4,00	1,8	10,1	1,8	10,1



## NO-AUTOTEST NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-V.1h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-328-04-00-03	0,6 kg
MULTILED-SPOT2-B-V.1h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-329-04-00-03	0,6 kg
MULTILED-SPOT2-A-V.3h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-331-04-00-03	0,7 kg
MULTILED-SPOT2-B-V.3h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-332-04-00-03	0,7 kg

Page No.44

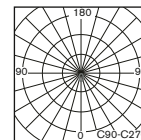
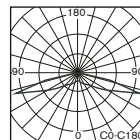
## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-V 230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-333-00-00-03	0,5 kg
C.LEDLUX-SPOT2-B-V 230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-334-00-00-03	0,5 kg

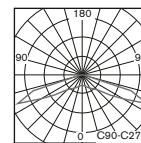
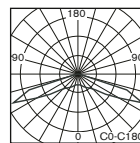
Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx



# NO-AUTOTEST EMERGENCY LIGHTING FOR SURFACE MOUNTING LEDLUX-SPOT2-P CINEMA



- Escape Route Corridor Application
- All "A" versions
- Osvetlenie únikových ciest
- všetky "A" verzie



- Antipanic Open Area Application
- All "B" versions
- Antipanic osvetlenie
- všetky "B" verzie



Escape Route Corridor Application "A" version



Open Area Application "B" version

- Modern design orientated **surface mounted LED** non-maintained/maintained (NM/M) emergency lighting especially designed for cinema / theatre applications
- Perfect light distribution **especially** designed for a **corridor applications (all versions "A" - escape route illumination to EN1838) or open area antipanic (all versions "B")**
- **AUTOTEST** function is deactivated to avoid testing (LED ON) during the movie or theatre performance

It is available in all following versions:

- **SELFCONTAINED (NO-AT)**
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** for **non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: plastic body in RAL9005 (black)

- Elegánnté stropné prisadené LED svietidlá pre **netrválé/trvalé (NM/M) núdzové osvetlenie navrhnuté špeciálne pre použitie v kinách a divadlách (verzie "A" pre osvetlenie únikových ciest a koridorov a verzie "B" antipanic osvetlenie pre otvorené priestory)**

- **AUTOTEST** funkcia je deaktivovaná, aby sa zamedžilo nežiadúcemu rozsvieteniu LED počas predstavenia

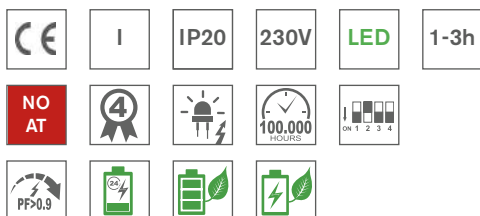
Verzie:

- s **vlastnou batériou** (NO-AT, bez autotestu)
- **CENTRAL BATTERY (C.LEDLUX-SPOT2)** pre **neadresovateľné CBS** (str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z plastu vo farbe RAL9005 (čierna)

## STANDARD FEATURES

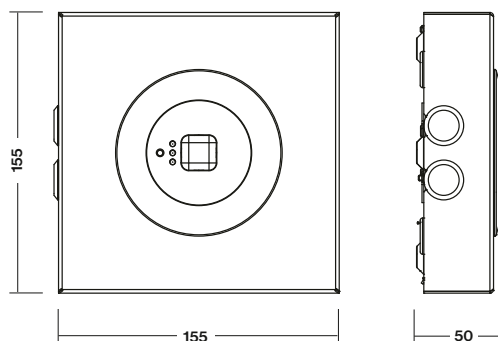
## ŠTANDARDNÁ VÝBAVA

- **High efficient HighPower (120lm/W) LONGLIFE LEDs >100.000h**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Special LED lens** for perfect light distribution
- **Installation Mode** (battery protection, for more details look up page No.51+142)
- **Intelligent battery charging** (intermittent charging, look up page No.51+142)
- **DIP Switch** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51+142)
  - **Maintained mode** activation/deactivation
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoke účinné HighPower LED (120lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalčný mód** (ochrana batérie, pozri aj str.51+142)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51+142)
- **DIP prepínač** umožňujúci prednastavenie funkcií:
  - **Inštalčný mód** aktivácia / deaktivácia (pozri aj str.51+142)
  - trvalé núdzové osvetlenie aktivácia / deaktivácia
- signalizácia LED a TEST tlačítko

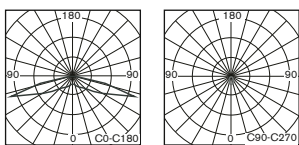
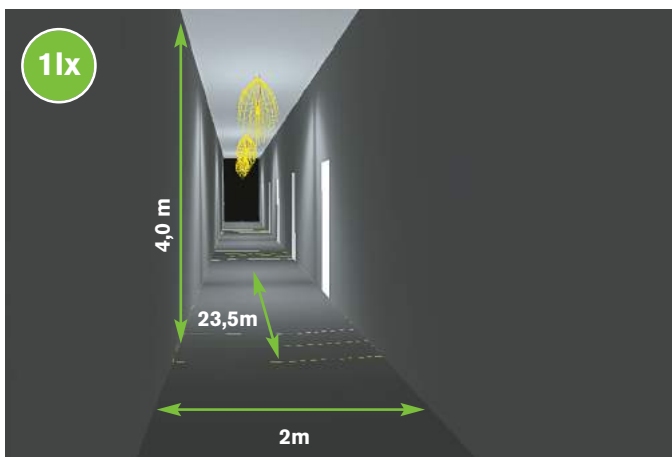


### Input Power:

- 5,5W/ 5,7VA (maintained M)
- 1,9W/ 4,0VA (non-maintained NM)
- 3,5W/ 4,6VA (CBS)

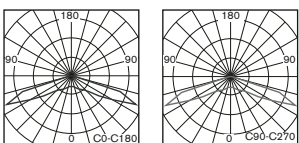
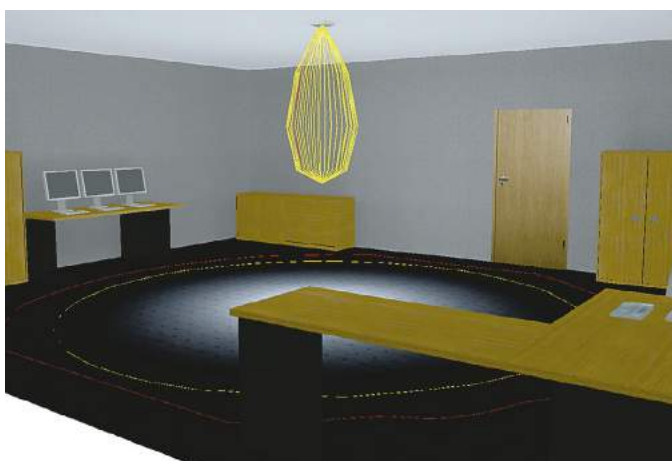
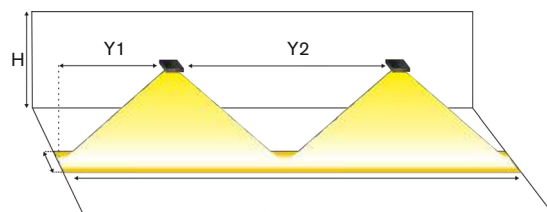


# NO-AUTOTEST EMERGENCY LIGHTING FOR SURFACE MOUNTING LEDLUX-SPOT2-P CINEMA



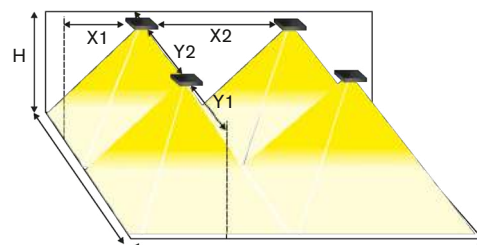
- Escape Route Corridor Application
- All "A" versions
- Osvetlenie únikových ciest
- všetky "A" verzie

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Y1 (m)	Y2 (m)
2,75	8,3	20,1
3,00	8,4	20,9
3,50	7,9	22,5
4,00	7,7	23,5
4,50	7,1	23,1
5,00	6,4	21,9



- Antipanic Open Area Application
- All "B" versions
- Antipanic osvetlenie "otvorené" priestory
- všetky "B" verzie

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX				
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
2,75	3,8	12,6	3,8	12,6
3,00	3,3	12,7	3,3	12,7
3,50	2,5	11,8	2,5	11,8
4,00	1,8	10,1	1,8	10,1



## NO-AUTOTEST NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTILED-SPOT2-A-P.1h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-233-04-00-03	0,6 kg
MULTILED-SPOT2-B-P.1h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/1,0Ah	182-B-234-04-00-03	0,6 kg
MULTILED-SPOT2-A-P.3h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-235-04-00-03	0,7 kg
MULTILED-SPOT2-B-P.3h <b>NO-AT</b>	Black / čierna	HighPower LED	150 lm / 150 lm	LiFePo4 6,4V/2,0Ah	182-B-236-04-00-03	0,7 kg

Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-A-P/230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-238-00-00-03	0,5 kg
C.LEDLUX-SPOT2-B-P/230V AC/DC	Black / čierna	CBS NON-ADDRESSABLE	HighPower LED	150 lm	182-B-238-00-00-03	0,5 kg

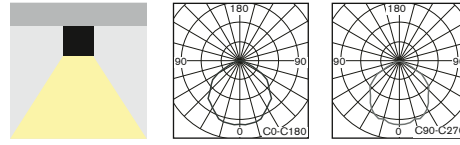
Look up pages No. 210-217 for 1lx Spacing tables  
Pozri str.210-217 pre rozmiestnenie svetidiel na dosiahnutie 1lx

# NO-AUTOTEST EMERGENCY LIGHTING FOR HIGH CEILING POWERLUX2 CINEMA

**FOR HIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**



**HIGH CEILING >4m**



• **POWERFULL** ceiling mounted LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING applications such as CINEMA/THEATRE applications where AT function is not required (disturbing)**

• **AUTOTEST** function is deactivated to avoid testing (LED ON) during the movie or theatre performance

It is available in all following versions:

- **SELFCONTAINED (NO-AT)**
- **CENTRAL BATTERY (C.POWERLUX2)** for non-addressable CBS (look up also page No.44)

• Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

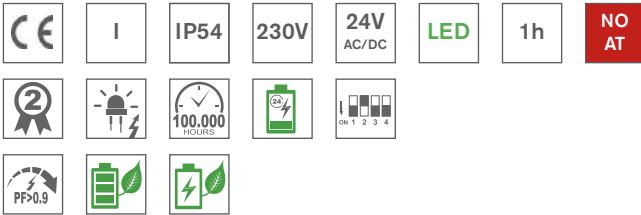
- metal sheet body with powder coat finish RAL9005 (black)
- impact resistant polycarbonate diffuser (PC)

• **NOVÝ typ** výkonného LED svietidla pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnuté pre aplikácie vo veľkých výškach v kinách/divadlách alebo všade tam, kde nie je autotest funkcia žiadúca**

• **AUTOTEST** funkcia je deaktivovaná, aby sa zamedžilo nežiadúcemu rozsvieteniu LED počas predstavenia

Verzie:

- **s vlastnou batériou** (NO-AT, bez autotestu)
- **CENTRAL BATTERY (C.POWERLUX2)** pre **neadresovateľné CBS** (str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z plechu vo farbe RAL9005 (čierna)
  - svetelno-činný kryt z nerozbitného polykarbonátu



#### Input Power:

- 17W/ 19VA (maintained M)
- 4,0W/ 5,0VA (non-maintained NM)
- 33W/ 36VA (CBS)

**MULTIPOWER2-AT 1h (1650lm)**  
**1LX SPACING TABLE**

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	7,9	18,2	7,9	18,2
5,0	9,0	20,8	9,0	20,8
6,0	9,7	23,3	9,7	23,3
7,0	10,4	25,4	10,4	25,4
8,0	11,0	27,1	11,0	27,1
9,0	11,4	28,3	11,4	28,3
10,0	11,5	29,8	11,5	29,8
11,0	11,6	31,0	11,6	31,0
12,0	11,6	31,7	11,6	31,7
13,0	11,5	32,2	11,5	32,2
14,0	11,2	32,6	11,2	32,6
15,0	11,0	32,7	11,0	32,7
16,0	10,8	32,8	10,8	32,8
17,0	10,1	32,6	10,1	32,6
18,0	9,5	32,5	9,5	32,5
19,0	8,8	32,1	8,8	32,1
20,0	8,1	31,8	8,1	31,8

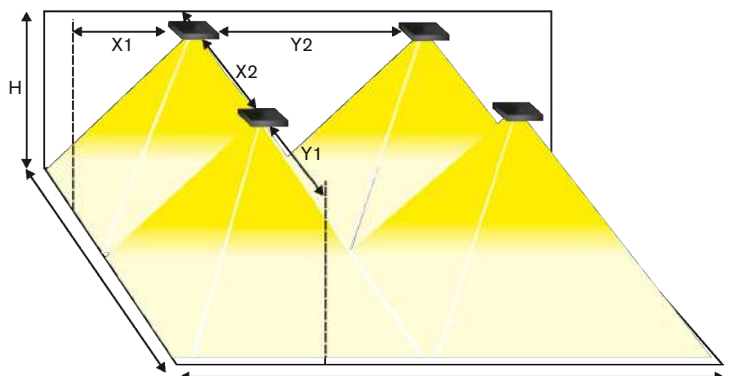
**C.POWERLUX2 (3900lm)**  
**1LX SPACING TABLE**

H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)
4,0	9,0	20,0	9,0	20,0
5,0	10,5	23,2	10,5	23,2
6,0	11,8	26,3	11,8	26,3
7,0	13,0	28,9	13,0	28,9
8,0	14,0	31,6	14,0	31,6
9,0	14,7	34,0	14,7	34,0
10,0	15,5	35,8	15,5	35,8
11,0	15,8	37,7	15,8	37,7
12,0	16,3	39,3	16,3	39,3
13,0	16,7	40,5	16,7	40,5
14,0	16,8	41,3	16,8	41,3
15,0	17,0	42,0	17,0	42,0
16,0	17,3	42,8	17,3	42,8
17,0	17,3	43,4	17,3	43,4
18,0	17,3	43,7	17,3	43,7
19,0	17,3	44,3	17,3	44,3
20,0	17,0	44,5	17,0	44,5

#### STANDARD FEATURES

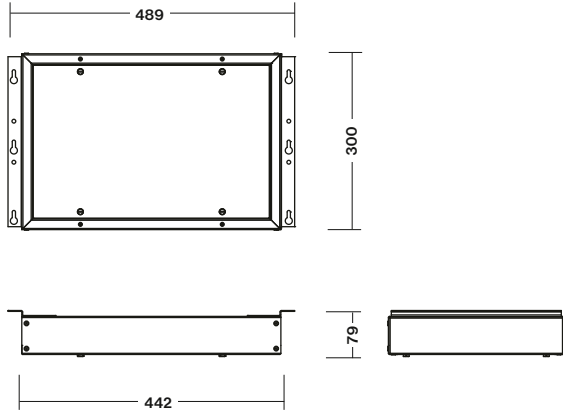
#### ŠTANDARDNÁ VÝBAVA

- **High efficient MidPower (150lm/W) LONGLIFE LEDs (>100.000h) 5000K**
- **NEW Advanced Electronics**
- **LONGLIFE LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.51)
- **Intelligent battery charging** (intermittent charging, look up page No.51)
- **Jumper** allowing to preset following functions:
  - **INSTALLATION MODE** activation/deactivation (look up page No.51)
  - **Maintained mode** activation/deactivation
- LEDs indicating presence of power supply and signaling failures & TEST button
- **vysoko účinné MidPower LED (150lm/W)** so životnosťou min.100000h (5000K)
- **progresívna elektronická jednotka**
- **LONGLIFE LiFePo4 batéria**
- **Inšalačný mód** (ochrana batérie, pozri aj str.51)
- **Inteligentné nabíjanie batérie** ("intermittent" nabíjanie, pozri aj str.51)
- **Jumper** umožňujúci prednastavenie funkcií:
  - **Instalačný mód** aktivácia / deaktivácia (pozri aj str.51)
  - **trvalé núdzové osvetlenie** aktivácia / deaktivácia
- signalizácia LED a TEST tlačítko





# NO-AUTOTEST EMERGENCY LIGHTING FOR HIGH CEILING POWERLUX2 CINEMA



Light source	LED 5000K
LED Light output	1650lm / 3900lm
Housing colour	RAL9005 Black
Application	High Ceiling Anti-panic lighting
Max room illumination	up to <b>1520m<sup>2</sup> &gt; 0.5lx</b> (valid for C.POWERLUX2 CBS version)

## NO-AUTOTEST NM/M

Type	Colour	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPOWER2.1h RAL9005 <b>NO-AT</b>	Black / čierna	MidPower LEDs	1650 lm / 1650 lm	LiFePo4 6,4V/4,5Ah	15-B-108-04-00-03	5,7 kg

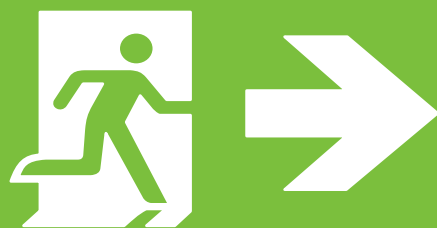
Page No.44

## CENTRAL BATTERY (CBS)

Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.POWERUX2 230V AC/DC RAL9005	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	3900 lm	15-B-102-00-00-03	4,5 kg
C.POWERUX2 24V AC/DC RAL9005	Black / čierna	CBS NON-ADDRESSABLE	MidPower LEDs	1650 lm	15-B-103-00-00-03	4,5 kg



Product  
**Assortment**



**EMERGENCY**  
LIGHTING

**NÚDZOVÉ**  
SVIETIDLÁ

**STANDARD** Line (Page No: 182-209)

# LED TUBE FOR 8W FLUO-TUBE RETROFIT



## Popis

- navrhnuté pre výmenu klasickej žiarivky 8W v núdzových svietidlách SEC (platí len pre verzie AT, ATXL)
- možné použiť aj pre staršie už namontované SEC AT/ATXL 8W núdzové svietidlá alebo pre rovnaké nové počas ich prvomontáže
- nie je nutná žiadna zmena v elektronike alebo zapojení svietidla
- životnosť až 100.000 hod
- vysoká účinnosť LED až 156 lm/W
- svetelný tok +25% v porovnaní s 8W žiarivkou v núdzovom režime
- profesionálny dizajn elektro časti a chladiča
- znižuje emisie CO<sub>2</sub>
- znižuje servisné náklady na výmenu svetelných zdrojov

**SEC LED LongLife tube** je progresívny vymeniteľný LED svetelný zdroj vyvinutý firmou SEC pre jednoduchý upgrade 8W žiarivkových núdzových svietidiel SEC na LED technológiu so životnosťou až 100000 hod. MiniLED má integrovaný chladič a využíva tie isté elektronické obvody už zabudované vo svietidlách SEC typu AT alebo ATXL, takže nie je potrebná zmena elektroniky svietidla a ani jeho kabeláže.

## Použitie

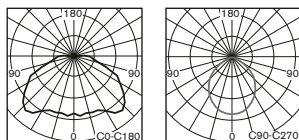
SEC LED LongLife tube je špeciálne určený pre všetky SEC 8W svietidlá pre trvalé núdzové osvetlenie, ktoré sú v prevádzke non-stop 24/7. Autonómnosť svietidla ostáva nezmenená, ale výkon svietidla s LED LongLife tube sa zvýši o +25% v porovnaní s pôvodnou 8W žiarivkou. Môže byť použitý či už v namontovaných svietidlách SEC 8W AT/ATXL alebo v takýchto nových svietidlách počas ich prvomontáže. Päťice ostávajú bez zmeny typu G5. Keďže SEC LED LongLife tube je jednoducho vymeniteľný svetelný zdroj ako klasická žiarivka, užívateľ môže jednoducho modernizovať svoje núdzové svietidlá v budúcnosti aj na novšie LED trubice SEC bez nutnosti výmeny samotného svietidla.

## Elektronika

SEC LED LongLife tube je možné použiť len vo svietidlách SEC typu AT alebo ATXL. Nie je použiteľný v žiadnom inom svietidle.

## Technické informácie

SEC LED LongLife tube obsahuje 18ks LED s účinnosťou až 156 lm/W a celkovým svetelným tokom až 240lm v núdzovom režime, čo je výrazne viac ako výkon 8W žiarivky počas núdzového režimu.



## Description

- Designed for retrofit of standard 8W fluorescent tube in SEC emergency luminaires (valid for all SEC AT, ATXL versions only)
- Suitable for either old SEC AT/ATXL 8W emergency lighting fixtures or for currently produced ones
- Neither new electronics nor rewiring is needed
- Upto 100.000h lifetime comparing 6000h for traditional 8W tube
- LED High Efficiency up to 156lm/W
- Light output +25% comparing to 8W fluorescent tube during emergency mode
- Excellent thermal and electrical design
- Reduces CO<sub>2</sub> emissions
- Reduces both service and maintenance costs SEC LED tube

## Applications

SEC LED LongLife tube is especially designed for all maintained 8W SEC emergency lighting fixtures which operates non-stop 24/7. The emergency lighting duration remains unchanged but LED tube ensures +25% higher light output comparing original 8W fluorescent tube version. You can use it either for an older already installed 8W AT or ATXL lighting fixtures or for a new ones during the first installation. LED LongLife tube is designed for standard G5 sockets. As the LED light tube is as easy to replace as a regular fluorescent tube, customers can easily upgrade to even more efficient SEC LED tube in the future without having to change the entire luminaire. It is smart maintenance cost reduction with a lifetime upto 100.000h comparing 6000h for traditional 8W fluorescent tube.

## Electronics

SEC LED LongLife tube must be used just in SEC emergency lighting fixtures version AT or ATXL. It is not compatible with any other electronics.

## Technical information

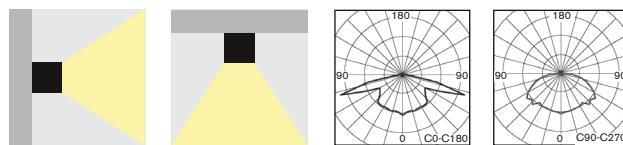
SEC LED LongLife tube is equipped with 18pcs of LEDs with high efficiency, up to 156 lm/W and luminous flux during emergency mode up to 240 lm what is even higher than 8W fluorescent tube light output.

## LED LongLife Light Tube

Diffuser Version / kryt trubice	Diffuser white milky PC / opálové PC
Heat Sink / chladič	Aluminum
Light Colour / farba svetla	5000K
8W Tube Compatibility/ kompatibilita	100%
Cap / pre päťicu	G5
Normal operation mode light output	290 lm
Emergency mode light output	240 lm
Efficiency / účinnosť	156 lm/W
Order Code / objednávaci kód	18-B-01



# WALL OR CEILING MOUNTING PICTORLUX



• Solid design surface mounted powerful fixture with perfect light distribution for non-maintained (NM), non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.PICTORLUX) for **non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: PC impact resistant body

• kompaktné a elegantné výkonné núdzové svietidlo s perfektnou distribúciou svetla pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.PICTORLUX) pre **neadresovateľné CBS** (pozri str. 44)

- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z nerozbitného PC

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W, 5000K with the life time >100.000h** (valid for LED versions only)
- Set of self-adhesive legends (H+I+J)
- LEDs indicating both presence of power supply and signaling failures
- TEST button

- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod** (platí len pre LED verzie)
- sada samolepiacich piktogramov H+I+J
- signalizácia LED a TEST tlačítko



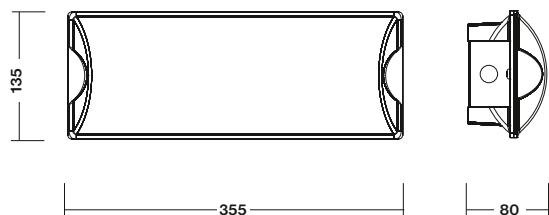
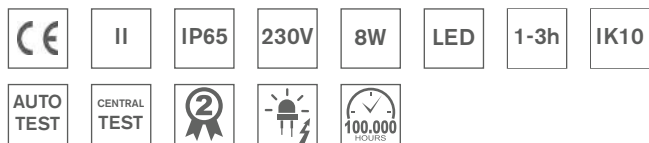
## OPTIONAL ACCESSORIES

## PRÍPLATKY

- Suspended plexi with single sided or double sided legend (look up page No.185)
- Wall or ceiling mounting brackets
- Protective steel cage
- závesné plexi s jednostranným alebo obojstranným piktogramom (pozri str.185)
- nástenná, stropná alebo stropná závesná konzola
- ochranný kovový kôš

Optional Item / Príplatok	Order Code / objednávaci kód
Wall mounting bracket / nástenná konzola	259-B-18-00
Ceiling mounting bracket / stropná konzola	259-B-18-01
Pendant bracket 0,5m / závesná konzola 0,5m	259-B-18-02
Pendant bracket 1,0m / závesná konzola 1,0m	259-B-18-03
Protective steel cage / ochranný kôš	259-B-00-02

← 26m/8W  
→ 28m/LED



Optional Suspended plexi with Legends  
Príplatkové závesné plexi s piktogramom  
(Look up also page No.185)



Optional Brackets and Protective Steel Cage  
Príplatkové konzoly a ochranná mreža

- Suspended plexi with single or double sided legend
  - Viewing Distance 32m/35m
- závesné plexi s jednostranným alebo obojstranným piktogramom
  - rozoznatelnosť piktogramu 32m/35m



Optional Item / Príplatok	Order Code / Objednávaci kód
Suspended plexi H/J doublesided / obojstranné	259-B-19-06
Suspended plexi I doublesided / obojstranné	259-B-19-07
Suspended plexi I singlesided / jednostranné	259-B-19-09
Suspended plexi H singlesided / jednostranné	259-B-19-03
Suspended plexi J singlesided / jednostranné	259-B-19-04



								NM/M
Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight	
PICTORLUX 8W.1h	NM	1h	8W / G5	- / 131 lm	NiCd 3,6V/1,8Ah	259-B-00-03-00	1,2 kg	
MULTIPICTOR 3xLED.1h	NM/M	1h	3x HighPower LED	280 lm / 230 lm	NiMh 4,8V/2,1Ah	259-B-10	1,3 kg	
MULTIPICTOR 8xLED.3h	NM/M	3h	8x Low Power LED	60 lm / 60 lm **	NiMh 4,8V/0,85Ah	259-B-24-02-00-00	1,2 kg	

Page No.32

### AUTOTEST -AT NM/M

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIPICTOR-AT 12xLED.1h **	NM/M	1h	12x Low Power LED	90 lm / 90 lm **	NiMh 4,8V/0,85Ah	259-B-25-02-00-00	1,3 kg
MULTIPICTOR-AT 12xLED.3h **	NM/M	3h	12x Low Power LED	90 lm / 90 lm **	NiMh 4,8V/2,1Ah	259-B-26-02-00-00	1,4 kg
MULTIPICTOR-AT 8W.1h	NM/M	1h	8W / G5	410 lm / 205 lm	NiMh 4,8V/2,1Ah	259-B-04-03-00	1,3 kg
MULTIPICTOR-AT 5xLED.1h	NM/M	1h	5x HighPower LED	470 lm / 366 lm	NiMh 4,8V/4,0Ah	259-B-13-03-00	1,4 kg

Page No.44

### CENTRAL BATTERY (CBS)

Type	Version	Light Source	Light Flux	Order Code	Weight
C.PICTORLUX 12xLED/230V AC/DC **	CBS NON-ADDRESSABLE	12x Low Power LED	90 lm **	259-B-27-00-00-00	1,0 kg
C.PICTORLUX 8W/230V AC/DC	CBS NON-ADDRESSABLE	8W / G5	410 lm	259-B-09-02-00	1,0 kg
C.PICTORLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	470 lm	259-B-16-02-00	1,1 kg

Look up pages No. 210-217 for 1x Spacing tables  
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1x

\*\* Especially suitable for emergency sign illumination / applications  
\*\* Vhodné najmä pre aplikácie, kde je na svietidle piktogram

# WALL OR CEILING MOUNTING LEDLUX-P



← → 26m



← → 26m



← → 26m



- Modern design **surface mounted LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST (-AT)**
- **CENTRAL BATTERY (C.LEDLUX)** for **non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white) or RAL9005 (black)
- stropné moderné LED svietidlo pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu navrhnuté pre **všeobecné použitie priestorov** ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod., aj s funkciami:
  - **AUTOTEST (-AT)**
  - **CENTRAL BATTERY (C.LEDLUX)** pre **neadresovateľné CBS** (pozri str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela) alebo RAL9005 (čierna)

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- LEDs indicating both presence of power supply and signaling failures
- TEST button
- signalizácia LED a TEST tlačítko

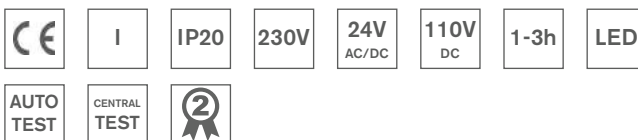
## OPTIONAL ACCESSORIES

## PRÍPLATKY

- **Special suspended plexi with layered design for perfect smooth illumination of legend. It must be ordered as a separate item- look up page No.188**
- Wall or ceiling mounting brackets (look up page No.189)
- Wire rope suspension set (look up page No.189)
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- viď strana 188 pre detaily)**
- nástenná, stropná alebo stropná závesná konzola (pozri str. 189)
- lanková závesná sada (pozri str. 189)
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)



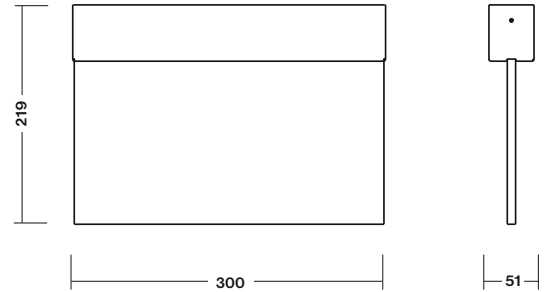
Optional Brackets (refer to page No.189)  
Príplatkové konzoly (pozri str. 189)



### Input Power:

- 3,9W / 7,4VA (maintained M)
- 2,6W / 5,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)





<b>NM/M</b>							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-103-05-00	1,2 kg
MULTILED-P 3h RAL9003	Only Body, No Plexi incl.	White / biela	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-103-06-00	1,2 kg
MULTILED-P 3h RAL9005	Only Body, No Plexi incl.	Black / čierna	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-05-07-02	1,2 kg

<b>AUTOTEST -AT NM/M</b>							
Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-P-AT 1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-05-00	1,2 kg
MULTILED-P-AT 1h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-06-00	1,2 kg
MULTILED-P-AT 1h RAL9005	Only Body, No Plexi incl.	Black / čierna	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-111-10-03	1,2 kg
MULTILED-P-AT 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-108-05-00	1,3 kg
MULTILED-P-AT 3h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-108-06-00	1,3 kg

<b>CENTRAL BATTERY (CBS)</b>							
Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight	
C.LEDLUX-P 230V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-13-13-00	1,0 kg	
C.LEDLUX-P 230V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-13-14-01	1,0 kg	
C.LEDLUX-P 230V AC/DC RAL9005	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	12x LED	85-B-13-06-02	1,0 kg	
C.LEDLUX-P 24V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-07-10-00	1,0 kg	
C.LEDLUX-P 24V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-07-11-00	1,0 kg	

# ACCESSORIES LEDLUX-P

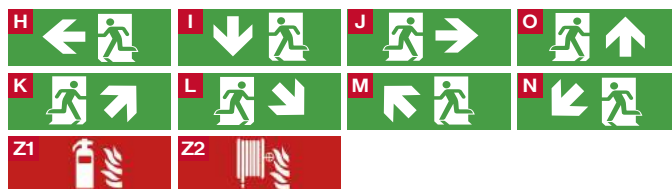


• It is not included in standard package. It must be ordered as separate item !

• Viewing Distance 26m for all H,I,J,K,L,M,N versions in accordance with ISO7010

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !

• rozoznatelnosť piktogramu 26m pre všetky H,I,J,K,L,M,N verzie v súlade s ISO7010



OPTIONAL ITEM	ORDER CODE
Double sided plexi H/J	85-B-312-23-01
Double sided plexi I	85-B-312-21-01
Single sided plexi H	85-B-312-29-01
Single sided plexi I	85-B-312-20-01
Single sided plexi J	85-B-312-30-01
Double sided plexi K/M	85-B-19-40-01
Double sided plexi L/N	85-B-19-41-01
Single sided plexi K	85-B-19-46-01
Single sided plexi L	85-B-19-47-01
Single sided plexi M	85-B-19-48-01
Single sided plexi N	85-B-19-49-01
Double sided plexi Z1	309-B-000-00-00-27
Double sided plexi Z2	309-B-000-00-00-28

PRIPLATOK	OBJEDNÁVACÍ KÓD
Obojstranné plexi H/J	85-B-312-23-01
Obojstranné plexi I	85-B-312-21-01
Jednostranné plexi H	85-B-312-29-01
Jednostranné plexi I	85-B-312-20-01
Jednostranné plexi J	85-B-312-30-01
Obojstranné plexi K/M	85-B-19-40-01
Obojstranné plexi L/N	85-B-19-41-01
Jednostranné plexi K	85-B-19-46-01
Jednostranné plexi L	85-B-19-47-01
Jednostranné plexi M	85-B-19-48-01
Jednostranné plexi N	85-B-19-49-01
Obojstranné plexi Z1	309-B-000-00-00-27
Obojstranné plexi Z2	309-B-000-00-00-28



# ACCESSORIES LEDLUX-P



- Optional Accessories:**
- Wall brackets
  - Wire rope suspension set

- Príplatky:**
- nástenné konzoly
  - lankový záves

Parallel wall mounting bracket  
Konzola rovnobežne so stenou



Upright wall mounting bracket  
Konzola kolmo na stenu



Optional Item / Príplatky	Order Code
Parallel wall mounting bracket in white RAL9003 colour / nástenná konzola rovnobežne so stenou v bielej RAL9003	85-B-05-08-00
Parallel wall mounting bracket in grey RAL9006 colour / nástenná konzola rovnobežne so stenou v šedej RAL9006	85-B-05-08-F17
Parallel wall mounting bracket in black RAL9005 colour / nástenná konzola rovnobežne so stenou v čiernej RAL9005	85-B-05-08-01
Upright wall mounting bracket in white RAL9003 colour / konzola kolmo na stenu v bielej RAL9003	85-B-05-09-00
Upright wall mounting bracket in grey RAL9006 colour / konzola kolmo na stenu v šedej RAL9006	85-B-05-09-F17
Upright wall mounting bracket in čiernej RAL9005 colour / konzola kolmo na stenu v čiernej RAL9005	85-B-05-09-01
Wire rope suspension set 1,0m long in white RAL9003 colour / lankový závesný set 1,0m dlhý v bielej RAL9003 farbe	85-B-05-13-01
Wire rope suspension set 1,0m long in grey RAL9006 colour / lankový závesný set 1,0m dlhý v šedej RAL9006 farbe	85-B-05-13-00
Wire rope suspension set 1,5m long in white RAL9003 colour / lankový závesný set 1,5m dlhý v bielej RAL9003 farbe	85-B-05-25-F1
Wire rope suspension set 1,5m long in grey RAL9006 colour / lankový závesný set 1,5m dlhý v šedej RAL9006 farbe	85-B-05-25-00
Wire rope suspension set 2,0m long in white RAL9003 colour / lankový závesný set 2,0m dlhý v bielej RAL9003 farbe	85-B-05-60-00
Wire rope suspension set 2,0m long in grey RAL9006 colour / lankový závesný set 2,0m dlhý v šedej RAL9006 farbe	85-B-05-18-00
Wire rope suspension set 3,5m long in white RAL9003 colour / lankový závesný set 3,5m dlhý v bielej RAL9003 farbe	85-B-05-26-F1
Wire rope suspension set 3,5m long in grey RAL9006 colour / lankový závesný set 3,5m dlhý v šedej RAL9006 farbe	85-B-05-26-00
Pendant ceiling mounting bracket 1,0m in white RAL9003 colour / trubkový závesný set 1,0m dlhý v bielej RAL9003 farbe	85-B-05-27-F1
Pendant ceiling mounting bracket 1,0m in grey RAL9006 colour / trubkový závesný set 1,0m dlhý v šedej RAL9006 farbe	85-B-05-27-F17

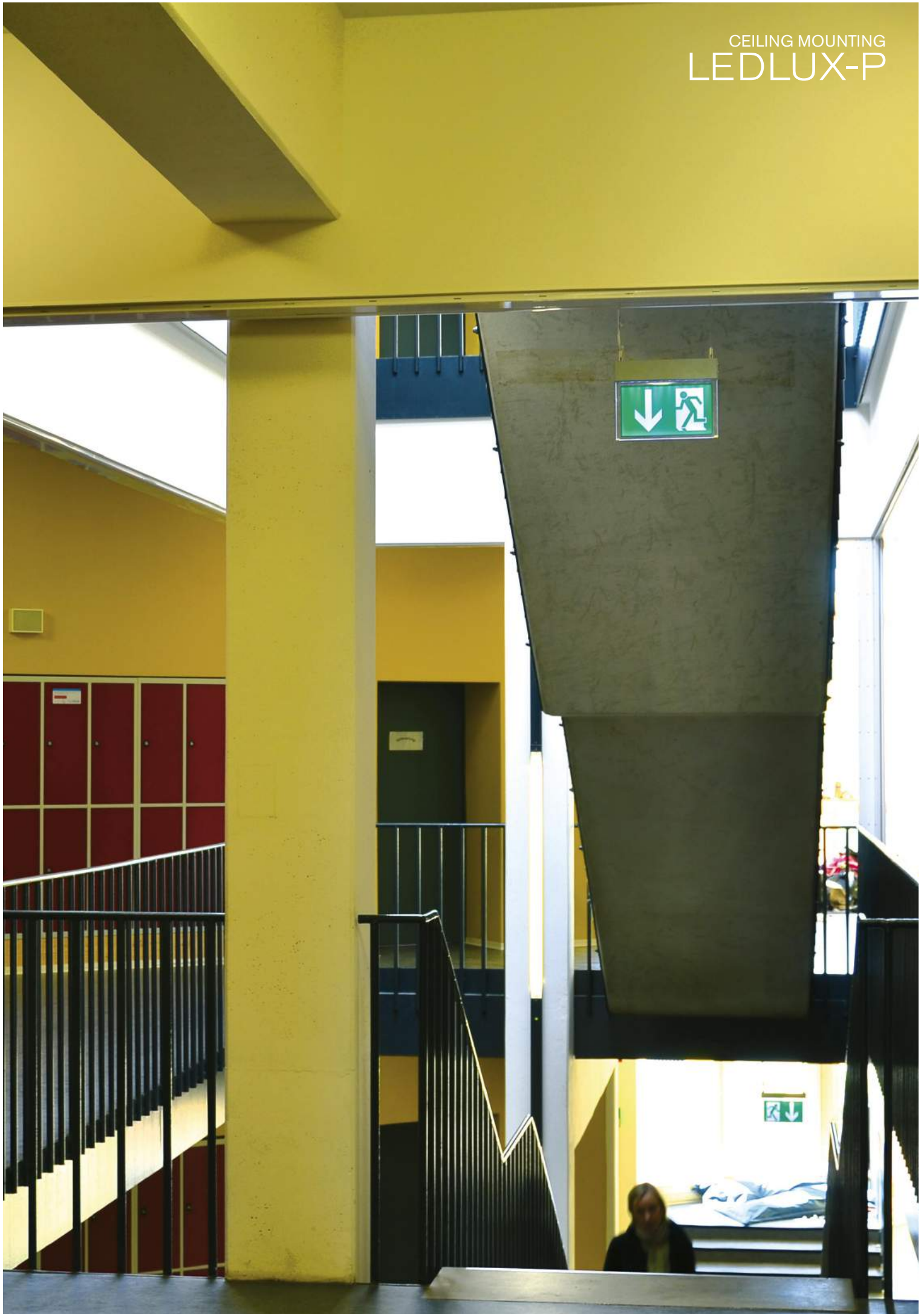




CEILING MOUNTING  
LEDLUX-P

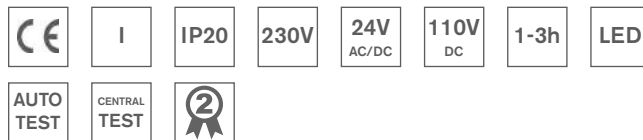


CEILING MOUNTING  
LEDLUX-P





# RECESSED MOUNTING LEDLUX-V



- Modern design **recessed LED** non-maintained (NM), maintained (M) or centralised (C) emergency lighting with smooth legend illumination for all **areas such as offices, shops, hotels, banks, entrance halls, schools, hospitals, etc.**

It is available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.LEDLUX) for **non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - metal sheet body with PE powder coat finish RAL9006 (grey) or RAL9003 (white) or RAL9005 (čierna)
  - Special suspended plexi with layered design for perfect smooth illumination of a legend. It must be ordered as a separate item- look up the page No.194
- moderné stropné zapustené LED svietidlo pre **netrvalé (NM), trvalé (M) alebo centrálne (C)** núdzové osvetlenie s perfektnou rovnomernosťou osvetlenia piktogramu navrhnuté pre všeobecné použitie priestorov ako napr. kancelárie, obchody, školy, nemocnice, vstupné haly, banky a pod., aj s funkciami:
  - **AUTOTEST** (-AT)
  - **CENTRAL BATTERY** (C.LEDLUX) pre **neadresovateľné CBS** (pozri str.14)
  - spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
  - konštrukcia:
    - teleso z ocelového plechu vo farbe RAL9006 (šedá) alebo RAL9003 (biela) alebo RAL9005 (čierna)
    - špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (musí byť objednané ako samostatná položka - pozri str. 194)



## STANDARD FEATURES

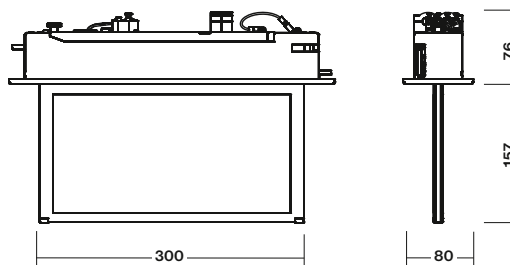
- LEDs indicating both presence of power supply and signaling failures
- TEST button
- signalizácia LED
- TEST tlačítko

## STANDARDNÁ VÝBAVA

## OPTIONAL ACCESSORIES

- **Special suspended plexi with layered design for perfect smooth illumination of legend. It must be ordered as a separate item- look up the page No.194**
- Alternative colour surface treatment in RAL (min order quantity 100pcs)
- **špeciálne vrstvené závesné plexi pre rovnomerné osvetlenie piktogramu na jeho celej ploche (plexi musí byť objednané samostatne podľa želaného piktogramu- viď strana 194 pre detaily)**
- povrchová úprava vo farbe podľa špecifikácie odberateľa (min 100ks)

## PRÍPLATKY



Recessed mounting hole size: 336 x 57 mm  
Rozmer montážneho otvoru : 336 x 57 mm

## Input Power:

- 3,9W / 7,4VA (maintained M)
- 2,6W / 5,8VA (non-maintained NM)
- 1,3W / 4,0VA (CBS)





**NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-V 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-100-05-00	1,2 kg
MULTILED-V 3h RAL9003	Only Body, No Plexi incl.	White / biela	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-100-06-00	1,2 kg
MULTILED-V 3h RAL9005	Only Body, No Plexi incl.	Black / čierna	8x LED	3h	NiMh 4,8V/0,85Ah	85-B-100-07-00	1,2 kg

Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Colour	Light Source	Duration	Battery	Order Code	Weight
MULTILED-V-AT 1h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-101-05-00	1,2 kg
MULTILED-V-AT 1h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	1h	NiMh 4,8V/0,85Ah	85-B-101-10-01	1,2 kg
MULTILED-V-AT 3h RAL9006	Only Body, No Plexi incl.	Grey / šedá	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-102-05-00	1,3 kg
MULTILED-V-AT 3h RAL9003	Only Body, No Plexi incl.	White / biela	12x LED	3h	NiMh 4,8V/2,1Ah	85-B-102-04-00	1,3 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Colour	CBS Version for	Light Source	Order Code	Weight
C.LEDLUX-V 230V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-104-05-00	1,0 kg
C.LEDLUX-V 230V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-104-06-00	1,0 kg
C.LEDLUX-V 230V AC/DC RAL9005	Only Body, No Plexi incl.	Black / čierna	CBS NON-ADDRESSABLE	12x LED	85-B-104-05-02	1,0 kg
C.LEDLUX-V 24V AC/DC RAL9006	Only Body, No Plexi incl.	Grey / šedá	CBS NON-ADDRESSABLE	12x LED	85-B-114-05-00	1,0 kg
C.LEDLUX-V 24V AC/DC RAL9003	Only Body, No Plexi incl.	White / biela	CBS NON-ADDRESSABLE	12x LED	85-B-114-06-00	1,0 kg

# ACCESSORIES LEDLUX-V

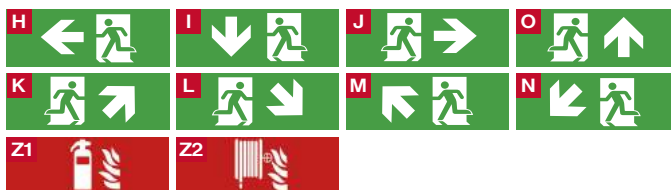
• It is not included in standard package. It must be ordered as separate item !

• nie je súčasťou štandardného balenia svietidla, musí byť objednané ako samostatná položka !



- Viewing Distance 26m for all H,I,J,K,L,M,N versions in accordance with ISO7010
- rozoznatelnosť piktogramu 26m pre všetky H,I,J,K,L,M,N v súlade s ISO7010

OPTIONAL ITEM / PRÍPLATOK	Order Code / Objednávaci kód
Double sided plexi H/J, obojstranné plexi H/J	85-B-312-23-01
Double sided plexi I, obojstranné plexi I	85-B-312-21-01
Single sided plexi H, jednostranné plexi H	85-B-312-29-01
Single sided plexi I, jednostranné plexi I	85-B-312-20-01
Single sided plexi J, jednostranné plexi J	85-B-312-30-01
Double sided plexi K/M, obojstranné plexi K/M	85-B-19-40-01
Double sided plexi L/N, obojstranné plexi L/N	85-B-19-41-01
Single sided plexi K, jednostranné plexi K	85-B-19-46-01
Single sided plexi L, jednostranné plexi L	85-B-19-47-01
Single sided plexi M, jednostranné plexi M	85-B-19-48-01
Single sided plexi N, jednostranné plexi N	85-B-19-49-01
Double sided plexi O, obojstranné plexi O	85-B-19-50-01
Single sided plexi O, jednostranné plexi O	85-B-19-50-02
Double sided plexi Z1, obojstranné plexi Z1	309-B-000-00-00-27
Double sided plexi Z2, obojstranné plexi Z2	309-B-000-00-00-28





Hotel restaurant area emergency lighting application





RECESSED MOUNTING  
LEDLUX-V









CEILING MOUNTING  
CUBELUX

*Spegel*  
**HORTEN**

24 cm, turkos

~~39:-~~

**19:-**

60 cm, turkos

~~159:-~~

**69:-**

**IKEA**

Handtag

**BEMSTRA**

128 mm höjd

~~29:-~~

**7:-**

**IKEA**

Bänkskåp  
**ALBÄCK**

130 cm i bredd

~~595:-~~

**295:-**

**IKEA**

KASSOR

VÄRMLITNING

TRANSPORTSERVICE

Lekrum SMA

UTGÅNG

UTGÅNG

17

~~39:-~~

395:-

~~1455:-~~

**695:-**

~~684:-~~

**384:-**

~~995:-~~

**95:-**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**

**IKEA**





18  
20



FYND  
→

BÄTTRE SOMN ÄT ALLA  
BÄTTRE SOMN ÄT ALLA  
BÄTTRE SOMN ÄT ALLA

HYLLA  
26, 28, 30  
→

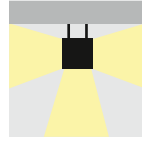
13  
↓



PKP  
AT100



# CEILING OR SUSPENDED MOUNTING CUBELUX



• Modern cubic shaped design suspended non-maintained (NM), maintained (M) or centralised (C) emergency lighting fixture with smooth legend illumination for all **areas such as shopping areas, airport terminals, train/bus stations, hotels, banks, entrance halls, schools, hospitals, etc.** available in all following versions:

- **AUTOTEST (-AT)**
- **CENTRAL BATTERY (C.CUBELUX) for non-addressable CBS** (look up also page No.44)
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034

• Design:

- Body made of sheet steel with PE powder painting RAL9003
- Acrylic diffuser with a legend (must be ordered as a separate item)
- stropné alebo závesné štvorstranné núdzové svietidlo v tvare kocky s perfektnou distribúciou svetla na piktogram pre netrvalé (NM) alebo pre trvalé/netrvalé (NM/M) alebo centrálné napájané núdzové osvetlenie navrhnuté pre všeobecné použitie pre priestory ako napr. obchodné plochy, nákupné centrá, vlakové stanice, letiskové terminály, školy, nemocnice, vstupné haly a pod.

• dostupné vo verziách pre:

- **AUTOTEST (-AT)**
- **CENTRAL BATTERY (C.CUBELUX) pre neadresovateľné CBS** (pozri str. 44)

• spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034

• konštrukcia:

- teleso lakovaný oceľový plech v RAL9003
- plexi kryty s piktogramom (musia sa objednať samostatne)



## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- **HighPower LEDs 120lm/W (5000K) with the lifetime >100.000h**
- Ceiling mounting bracket
- LEDs indicating both presence of power supply and signaling failures
- TEST button

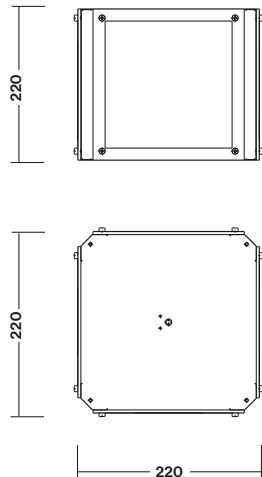
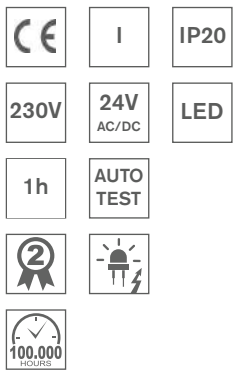
- **výkonné LED 120lm/W (5000K) so životnosťou min 100000hod**
- stropná montážna konzola
- signalizácia LED a TEST tlačítko

## OPTIONAL ACCESSORIES

## PRÍPLATKY

- Acrylic diffuser with the legends, 4pcs/fixture are needed (must be ordered separately - for details look up page No.201)
- Wire rope suspension set (look up page No.201)
- Wall mounting bracket (look up page No.201)

- plexi difúzor s piktogramom, 4ks/svietidlo sú potrebné (pozri str. 201 ako objednávať)
- závesný lankový set (pozri str.201)
- nástenná závesná konzola (pozri str.201)



### Input Power:

- 11,5W / 15,3VA (maintained M)
- 2,2W / 5,7VA (non-maintained NM)
- 8,5W / 10,9VA (CBS)



Accessory : Wire rope suspensions set  
Príplatkový závesný lankový set 3m dlhý  
(look up next page)

Accessory : Diffuser with Legend  
Príplatkové plexi s piktogramom  
(look up next page)

Page No.32

**AUTOTEST -AT NM/M**

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTICUBE-220-AT 5xLED.1h	NM/M	1h	5x HighPower LED	470 lm / 360 lm	NiMh 4,8V/4,0Ah	63-B-71-01-00	3,5 kg
MULTICUBE-220-AT 5xLED.3h	NM/M	3h	5x HighPower LED	470 lm / 360 lm	NiMh 4,8V/4,0Ah	63-B-73-01-00	3,6 kg

Page No.44

**CENTRAL BATTERY (CBS)**

Type	Version	Light Source	Light Flux	Order Code	Weight
C.CUBELUX-220 5xLED 24V/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED	470 lm	63-B-70-01-00	3,1 kg



Accessory:

- **Acrylic diffuser with the legend of type H or I or J in accordance with ISO7010 (for all TOP versions are 4pcs needed because of double sided lighting fixture)**
- **IT IS NOT INCLUDED IN STANDARD PACKAGE. IT MUST BE ORDERED AS SEPARATE ITEM !**
- Viewing Distance 41m
- **Wire rope suspension set in length 3m** (final length is set during the installation)

Príplatková výbava:

- **Príplatkové plexi s piktogramom typu H alebo I alebo J v súlade s ISO7010 (pre verzie TOP je potrebné objednať 4ks/svietidlo - obojstranné svietidlo)**
- **NIE JE SÚČASŤOU ŠTANDARDNÉHO BALENIA SVIETIDLA, MUSÍ BYŤ OBJEDNANÉ AKO SAMOSTATNÁ POLOŽKA !**
- rozoznatelnosť piktogramu 41m
- **Príplatkový závesný lankový set dĺžky 3m** (dĺžku závesu si nastavíte počas inštalácie podľa potreby)



Optional Item / Príplatok	Order Code / Objednávaci kód
Diffuser with picto "H" /plexi s piktogramom "H"	63-B-70-02-02
Diffuser with picto "I" /plexi s piktogramom "I"	63-B-70-02-04
Diffuser with picto "J" /plexi s piktogramom "J"	63-B-70-02-03
Diffuser without picto /plexi bez piktogramu "X"	63-B-70-02-05
Wire rope suspension set 3m long	63-B-35-01-00
Závesný lankový set 3m dlhý	63-B-35-01-00
Wire rope suspension set 8m long	63-B-35-06-00
Závesný lankový set 8m dlhý	63-B-35-06-00



Accessory:

- **Optional wall mounting bracket**  
In this case only 3pcs of diffusers with pictograms are needed

Príplatková výbava:

- **Príplatková konzola pre montáž na kolmú stenu**  
v tomto prípade sú potrebné len 3ks plexi s piktogramom

Optional Item / Príplatok	Order Code / Objednávaci kód
Upright wall mounting bracket	63-B-70-01-02
Montážna konzola na kolmú stenu	63-B-70-01-02



CEILING OR SUSPENDED MOUNTING  
**CUBELUX**



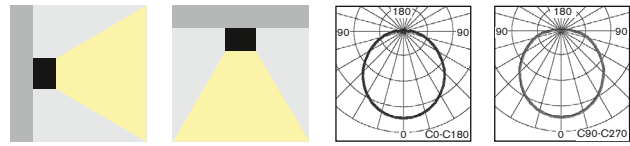


CEILING OR SUSPENDED MOUNTING  
**CUBELUX**





# HILLUX

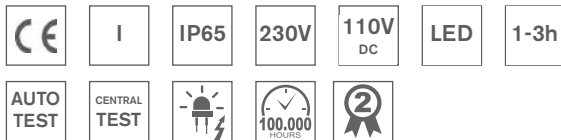


• Wall or ceiling mounted powerful fixture designed for non-maintained (NM), non-maintained/maintained (NM/M) or standard general lighting / centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **CENTRAL BATTERY** (C.HILLUX) for **non-addressable CBS** (look up also page No.44)
- All C.HILLUX versions can be used also for general lighting 230V AC in order to achieve uniform design of general lighting and emergency lighting fixtures
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design:
  - Body made of PC

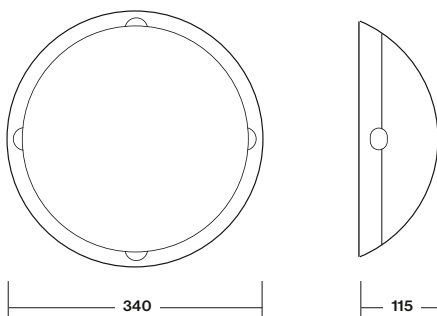
• nástenné/stropné výkonné núdzové svetidlo určené pre netrválé (NM), trvalé/netrválé (NM/M) alebo normálne 230V / (C) centrálné napájané núdzové osvetlenie (verzie C.HILLUX môžu byť použité ako bežné svetidlá 230V AC a tým dosiahnuť kompatibilitu tvaru núdzových a všeobecných svetidiel v danom interiéru (napr každé 5 svetidlo je núdzové, ostatné ako klasické bez núdzového modulu), dostupné vo verziách pre:

- **AUTOTEST** (-AT),
- **CENTRAL BATTERY** (C.HILLUX) pre **neadresovateľné CBS** (pozri str.44)
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia:
  - teleso z nerozbitného PC



**Input Power (5xLED):**

- 11,5W / 15,3VA (maintained M)
- 2,2W / 5,7VA (non-maintained NM)
- 8,5W / 10,9VA (CBS)



**STANDARD ACCESSORIES**

**ŠTANDARDNÁ VÝBAVA**

- **HighPower LEDs 120lm/W**, valid only for LED versions **with the lifetime >100.000h**
- Addressable **CENTRALTEST** communication module (for all ATXL and ATXP versions only)
- LEDs indicating both presence of power supply and signaling failures
- **TEST** button
- **výkonné LED 120lm/W**, len pre LED verzie **so životnosťou min 100000hod**
- adresovateľný **CENTRALTEST** komunik.modul (pre ATXP a ATXL verzie)
- signalizácia LED a **TEST** tlačítko

**OPTIONS**

**PRÍPLATKY**

- Alternative LED light colour is possible (min.order quantity 50pcs)
- alternatívna LED farba svetla podľa špecifikácie (min. 50ks)

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 6000K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-01	1,7 kg
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 3500K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-03	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 6000K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-12-01	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 3500K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-14-02	1,7 kg

**CENTRAL BATTERY (CBS)**

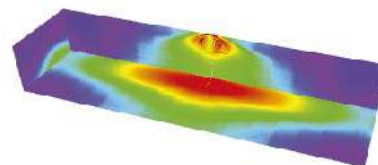
Type	Version	Light Source	Light Flux	Order Code	Weight
C.HILLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED 6000K	675 lm	261-B-09-01	1,2 kg
C.HILLUX 5xLED/230V AC/DC	CBS NON-ADDRESSABLE	5x HighPower LED 3500K	675 lm	261-B-09-03	1,2 kg
C.HILLUX 10xLED/230V AC/DC	CBS NON-ADDRESSABLE	10x HighPower LED 6000K	1350 lm	261-B-11-01	1,2 kg
C.HILLUX 7xLED/110V DC	CBS NON-ADDRESSABLE	7x HighPower LED 3500K	945 lm	261-B-13-01	1,2 kg





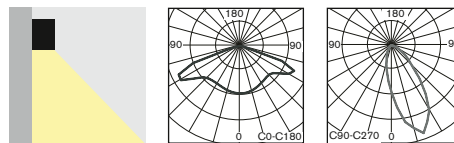
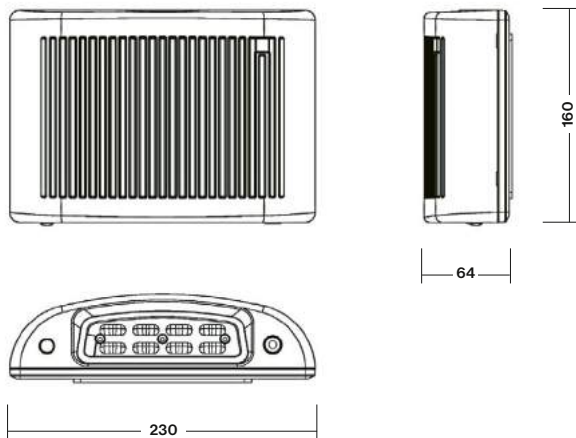
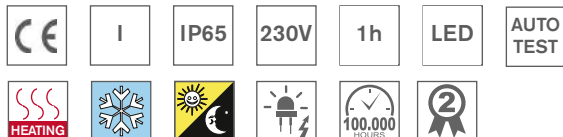


# OUTDOOR EMERGENCY LIGHTING EXITLUX3



BLACK Colour Version

BROWN (dark-bronze) Colour Version



- Wall mounted powerful LED fixture designed for either corridor applications or **EXIT/ ENTRANCE areas illumination or outdoor walls**
- Equipped with **BATTERY HEATING UNIT** = suitable especially for **OUTDOOR** applications but it is possible to be installed also for interior area
- Quick connection and easy installation
- Non-maintained/maintained (NM/M) lighting with **AUTOTEST (-AT)**
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Die casting with UV resistant powder paint in black, gray or dark bronze
- **NOVÁ generácia** nástenného výkonného LED núdzového svietidla určeného pre osvetlenie koridorov, priestoru pred vchodom/východom alebo po vonkajšom obvode budovy
- vďaka **aktívnemu riadenému vyhrievaniu batérie** pri nízkych teplotách určené hlavne pre exteriér, ale s výhodou možno použiť i v interiéri
- pre trvalé/netrvalé (NM/M) núdzové osvetlenie s funkciou **AUTOTEST (-AT)**
- spĺňa požiadavky európskej normy EN 60598-2-22, EN1838, EN62034
- konštrukcia: teleso z hliníka s UV práškovou farbou v odtieni čierna, sivá alebo tmavý bronz (hnedá)

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **MidPower LEDs 150lm/W with the lifetime Min 100.000h (5000K)**
- **Heating UNIT** to protect the battery in case of low temperature below 0°C
- **Ambient light sensor** for automatic ON/OFF function for energy saving night lighting mode
- **PIR sensor**
- LEDs indicating both presence of power supply and signaling failures
- **TEST button**
- **výkonné LED 150lm/W so životnosťou min 100000hod (5000K)**
- **vybavené vyhrievacím modulom pre ochranu akumulátora pri nízkych teplotách pod 0°C**
- **vybavené senzorm okolitej hladiny osvetlenia pre automatické zapínanie/ vypínanie svietidla (nočný režim / denný režim), ktorý ale neovplyvňuje automatické zapnutie svietidla v prípade výpadku elektrickej energie**
- **pohybový PIR senzor**
- **signalizácia LED a TEST tlačítko**





Standard (default) setup of lighting fixture ON/OFF by **AMBIENT LIGHT SENSORT (ALS)**. If ambient lighting level drops down below 10lux, lighting fixture turn ON automatically. If the lighting level increases above 30lux, lighting fixture turns OFF.

Štandardné nastavenie zapínania / vypínania svietidla je nastavené cez automatický **SENZOR OKOLITÉHO OSVETLENIA (ALS)**. Ak hladina okolitého osvetlenia klesne pod 10lx, tak sa svietidlo rozsvieti, ak hladina okolitého osvetlenia vzrastie nad 30lx, tak sa svietidlo vypne.



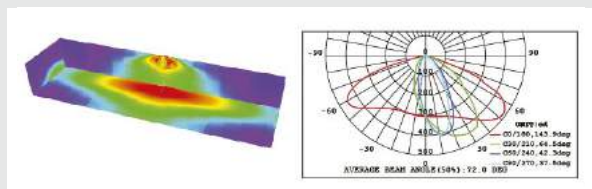
If ambient lighting level drops down below 10lux and in addition **PIR SENSOR** detects the movement, lighting fixture turns ON and stay ON for 1min. If PIR does not detect any further movement, lighting fixture turns OFF.

Ak je hladina okolitého osvetlenia viac ako 10lx a **PIR senzor** zaznamená pohyb, svietidlo sa rozsvieti na 1min. Ak nie je zaznamenaný ďalší pohyb, tak sa svietidlo po 1min vypne.



**SPECIAL DESIGN OF LENSES** ensures perfect **SLIM SHAPED** lighting distribution for both corridor application or along the wall for example in front of an Entrance/Exit Outdoor application.

Špeciálne navrhnutá optika svietidla zaručuje optimálnu distribúciu svetla pre koridorové aplikácie alebo pozdĺž steny napr.nad vchodovými dverami pri exteriérovej aplikácii.







OUTDOOR EMERGENCY LIGHTING  
**EXITLUX3**

Outdoor stairs emergency lighting application

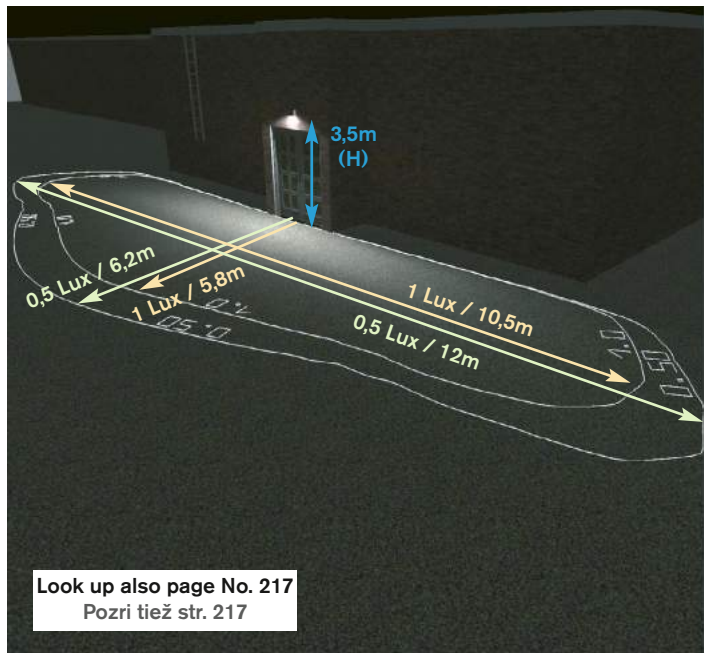
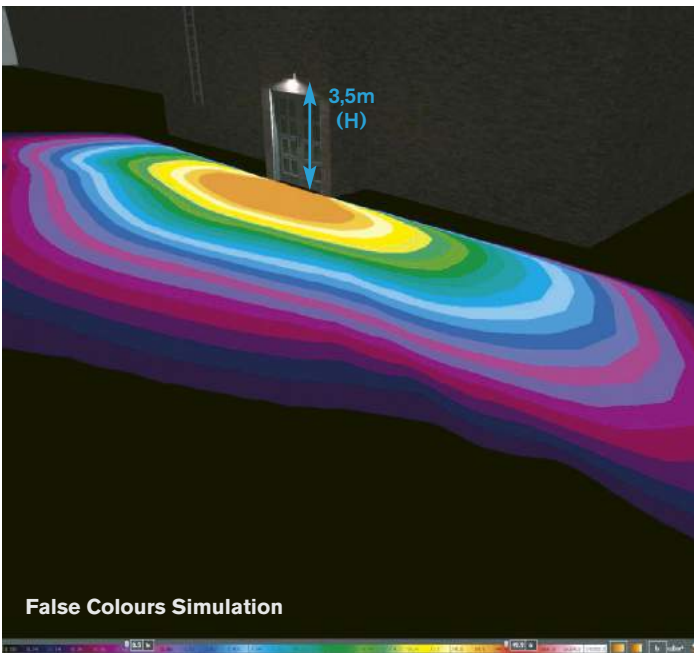




**AUTOTEST -AT NM/M**

Type	Version	Colour / Farba	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Grey/ šedá	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-01	1,5 kg
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Black/ čierna	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-02	1,5 kg
MULTIEXIT3-AT.1h PIR+ALS+Heating	NM/M	Bronze/ hnedá	LED 5000K	1600 lm / 600 lm	1600 lm / 600 lm	153-B-400-01-00-03	1,5 kg

PIR = Movement Detector / detektor pohybu  
 ALS = Ambient Light Sensor / senzor okolitého osvetlenia  
 Heating = Battery Heating Pad / vyhrievanie akumulátora



MULTIEXIT3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5



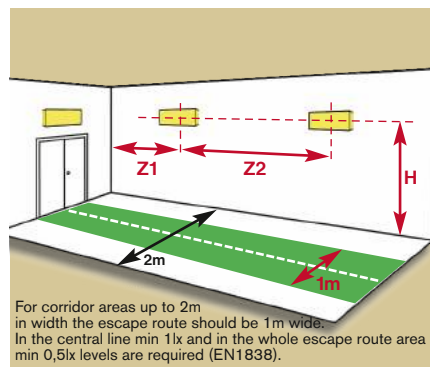
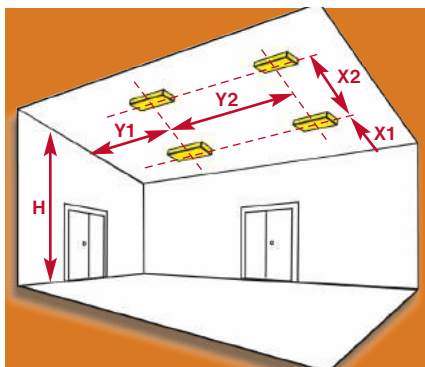
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lx and in the whole escape route area min 0,5lx levels are required (EN1838).



MULTITREND -AT LED  
C.TRENDLUX LED

MULTITREND2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,4	8,8	4,5	12,0	2,9	8,8
3,00	3,5	9,1	4,6	12,3	2,7	8,6
3,50	3,5	9,6	4,5	12,4	2,4	8,2
4,00	3,6	9,9	4,4	12,6	-	-
4,50	3,5	10,1	4,2	12,7	-	-

C.TRENDLUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,2	10,7	5,8	15,2	2,4	6,2
3,00	4,3	11,0	5,9	15,6	2,3	6,1
3,50	4,5	11,7	6,0	16,5	2,0	5,6
4,00	4,7	12,5	6,1	17,0	1,4	4,9
4,50	4,8	13,0	6,2	17,5	0,2	3,7



MULTITREND -AT +2xLED  
C.TRENDLUX +2xLED

(without legend, bez piktogramu)

MULTITREND2-AT+2xLED (without legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	2,7	6,6
3,00	-	-	-	-	2,8	6,6
3,50	-	-	-	-	2,9	7,0
4,00	-	-	-	-	3,1	7,2
4,50	-	-	-	-	3,2	7,7

C.TRENDLUX2+2xLED (without legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	2,2	5,3
3,00	-	-	-	-	2,5	5,8
3,50	-	-	-	-	2,7	6,3
4,00	-	-	-	-	2,8	6,7
4,50	-	-	-	-	2,9	7,2



MULTITREND -AT +2xLED  
C.TRENDLUX +2xLED

(with legend, s piktogramom)

MULTITREND2-AT+2xLED (with legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	1,7	4,2
3,00	-	-	-	-	1,9	4,5
3,50	-	-	-	-	2,2	5,3
4,00	-	-	-	-	2,4	6,0
4,50	-	-	-	-	2,3	6,4

C.TRENDLUX2+2xLED (with legend)						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	1,7	4,2
3,00	-	-	-	-	1,9	4,5
3,50	-	-	-	-	2,2	5,3
4,00	-	-	-	-	2,4	6,0
4,50	-	-	-	-	2,3	6,4

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle

# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



MULTIEVO2-AT  
C.EVOLUX  
LED

MULTIEVO2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,6	12,2	3,1	7,5	2,9	7,6
3,00	4,7	12,4	3,2	8,0	2,9	7,8
3,50	4,9	12,9	3,2	8,5	2,8	8,0
4,00	5,2	13,6	3,2	8,9	2,7	8,0
4,50	-	-	-	-	-	-

C.EVOLUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	5,0	13,4	3,3	8,2	3,2	8,3
3,00	5,2	13,5	3,5	8,5	3,2	8,4
3,50	5,4	14,2	3,6	9,0	3,2	8,6
4,00	5,7	14,8	3,6	9,5	3,1	8,9
4,50	-	-	-	-	-	-



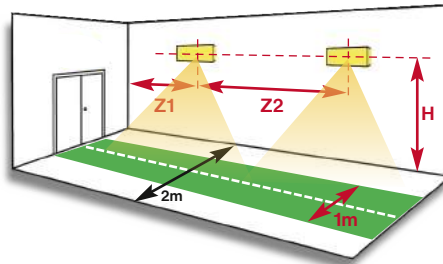
MULTINORMA2-AT  
C.NORMALUX  
LED

MULTINORMA2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,8	7,5	3,1	8,4	1,9	5,7
3,00	3,0	7,7	3,2	9,1	1,9	5,7
3,50	3,1	8,2	3,4	9,1	1,1	5,0
4,00	-	-	-	-	-	-

C.NORMALUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,5	8,8	4,1	10,9	2,5	7,4
3,00	4,0	9,4	4,2	10,9	2,5	7,4
3,50	3,8	9,7	4,3	11,7	2,1	6,6
4,00	-	-	-	-	-	-



FALCON-AT-A  
C.FALCON-A  
+2xLED versions

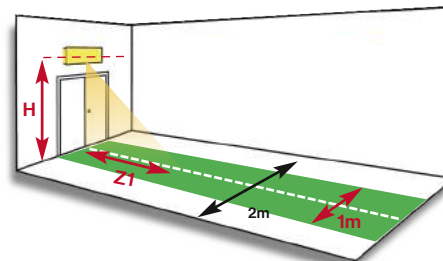


For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX		
H (m)	Z1 (m)	Z2 (m)
2,30	8	17



FALCON-AT-B  
C.FALCON-B  
+2xLED versions



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lux and in the whole escape route area min 0,5lux levels are required (EN1838).

1LX SPACING TABLE / ROZMIESTNENIE PRE 1LX	
H (m)	Z1 (m)
2,30	6

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



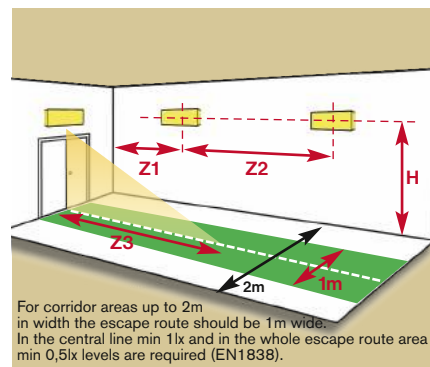
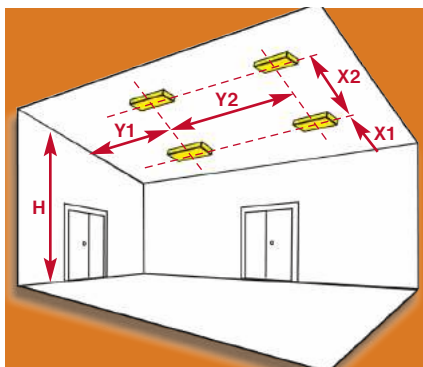
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lx and in the whole escape route area min 0,5lx levels are required (EN1838).



MULTIPRIMA-AT  
+2xLED  
C.PRIMALUX  
+2xLED

MULTIPRIMA-A-AT +2xLED				
H (m)	Z1 (m)	Z2 (m)	Z3/0,5lx (m)	Z3/1lx (m)
2,00	2,2	5,7	4,9	4,0
2,10	2,2	5,7	5,0	4,1
2,30	2,1	5,7	5,2	4,3
2,50	2,0	5,7	5,4	4,3
2,75	1,7	5,7	5,6	4,4
3,00	-	5,7	5,8	4,4

C.PRIMALUX-A+2xLED				
H (m)	Z1 (m)	Z2 (m)	Z3/0,5lx (m)	Z3/1lx (m)
2,00	2,2	5,7	4,9	4,0
2,10	2,2	5,7	5,0	4,1
2,30	2,1	5,7	5,2	4,3
2,50	2,0	5,7	5,4	4,3
2,75	1,7	5,7	5,6	4,4
3,00	-	5,7	5,8	4,4



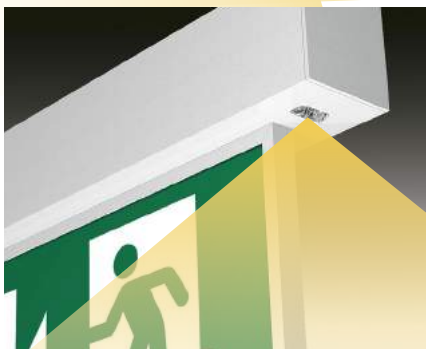
For LDT files download visit [www.sec.sk](http://www.sec.sk)  
LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



MULTIPRIMA-APA  
MULTIPRIMA-APA  
MULTIPRIMA-APB  
MULTIPRIMA-APB  
MULTIPRIMA-APB  
+2xLED  
  
C.PRIMALUX-APA  
C.PRIMALUX-AVA  
C.PRIMALUX-APB  
C.PRIMALUX-AVB  
+2xLED

MULTIPRIMA-AT-APA/-AVA +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	6,0	17,5	-	-
3,00	-	-	6,1	17,9	-	-
3,50	-	-	5,7	18,0	-	-
4,00	-	-	4,7	17,5	-	-

C.PRIMALUX-APA/-AVA +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	6,0	17,5	-	-
3,00	-	-	6,1	17,9	-	-
3,50	-	-	5,7	18,0	-	-
4,00	-	-	4,7	17,5	-	-



MULTIPRIMA-AT-APB/-AVB +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,5	3,0	9,6	-	-
3,00	3,1	11,2	2,3	9,8	-	-
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-

C.PRIMALUX-APB/-AVB +2xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,5	3,0	9,6	-	-
3,00	3,1	11,2	2,3	9,8	-	-
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle

# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

## Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



MULTILED-SPOT2-A  
C.LEDLUX-SPOT2-A

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:6,43 (required max 1:40) \*



MULTILED-SPOT2-A  
C.LEDLUX-SPOT2-A

C.LEDLUX-SPOT2-A / MULTILED-SPOT2-A						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	8,3	20,1	-	-
3,00	-	-	8,4	20,9	-	-
3,50	-	-	7,9	22,5	-	-
4,00	-	-	7,7	23,5	-	-
4,50	-	-	7,1	23,1	-	-
5,00	-	-	6,4	21,9	-	-



MULTILED-SPOT2-B  
C.LEDLUX-SPOT2-B

Centre line of the escape route (according to EN1838): Emin=1,01lx (min required 1lx), Emin/Emax= 1:7,02 (required max 1:40) \*



MULTILED-SPOT2-B  
C.LEDLUX-SPOT2-B

C.LEDLUX-SPOT2-B / MULTILED-SPOT2-B						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,8	12,6	3,8	12,6	-	-
3,00	3,3	12,7	3,3	12,7	-	-
3,50	2,5	11,8	2,5	11,8	-	-
4,00	1,8	10,1	1,8	10,1	-	-



### FOR HIGH CEILING >4m PRE VYSOKÉ STROPY >4m



MULTILED-SPOT2-HCA 2xLED  
C.LEDLUX-SPOT2-HCA 2xLED

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:11 (required max 1:40) \*

C.LEDLUX-SPOT2/ MULTILED-SPOT2 HCA						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	-	-	8,0	18,9	-	-
5,00	-	-	8,9	21,4	-	-
6,00	-	-	9,7	23,5	-	-
7,00	-	-	10,3	25,4	-	-
8,00	-	-	10,8	26,9	-	-
9,00	-	-	11,2	28,3	-	-



MULTILED-SPOT2-HCB 2xLED  
C.LEDLUX-SPOT2-HCB 2xLED

Centre line of the escape route (according to EN1838): Emin=1,02lx (min required 1lx), Emin/Emax= 1:11 (required max 1:40) \*

C.LEDLUX-SPOT2/ MULTILED-SPOT2 HCB						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	6,0	13,9	6,0	13,9	-	-
5,00	6,5	15,9	6,5	15,9	-	-
6,00	6,7	17,5	6,7	17,5	-	-
7,00	6,4	18,5	6,4	18,5	-	-
7,50	4,5	18,7	4,5	18,7	-	-
8,00	2,7	18,8	2,7	18,8	-	-

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



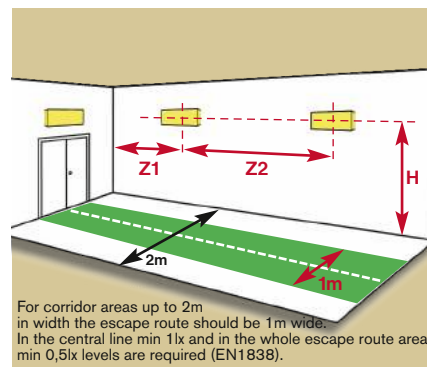
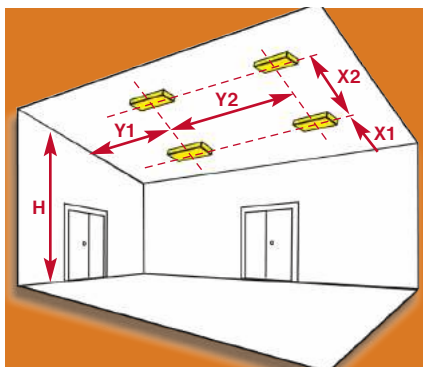
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



MULTIARRIS2-AT-A  
C.ARRISLUX2-A  
+1xLED

MULTIARRIS-AT-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,30	-	-	-	-	10	20
2,75	-	-	-	-	8	16
-	-	-	-	-	-	-
-	-	-	-	-	-	-



MULTIARRIS2-AT-B  
C.ARRISLUX2-B  
+1xLED

C.ARRISLUX-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	10	20
3,00	-	-	-	-	8	16
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-



MULTITRIPLE2-AT-B  
C.TRIPLELUX2-B  
+1xLED



MULTITRIPLE2-AT-A  
C.TRIPLELUX2-A  
+1xLED

MULTITRIPLE-AT-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,30	-	-	-	-	10	20
2,75	-	-	-	-	8	16
-	-	-	-	-	-	-
-	-	-	-	-	-	-

C.TRIPLELUX-A+1xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	-	-	-	-	10	20
3,00	-	-	-	-	8	16
3,50	-	-	-	-	-	-
4,00	-	-	-	-	-	-



For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle

# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



FALCON-P-AT  
FALCON-V-AT  
C.FALCON-P  
C.FALCON-V

FALCON-AT						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,50	2,1	5,7	2,1	5,7	-	-
3,00	2,2	6,2	2,2	6,2	-	-
4,00	-	-	-	-	-	-
4,50	-	-	-	-	-	-

C.FALCON						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,50	2,7	7,2	2,7	7,2	-	-
3,00	2,8	7,5	2,8	7,5	-	-
4,00	-	-	-	-	-	-
4,50	-	-	-	-	-	-



Multipictor-AT 8W  
Multipictor-5xLED  
Multipictor-3xLED  
MULTIPICTOR 8W  
PICTORLUX 8W  
C.PICTORLUX 8W  
C.Pictorlux-5xLED  
C.Pictorlux-3xLED

MULTIPICTOR-AT 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,2	8,6	2,8	7,3	2,2	6,6
3,00	3,2	8,8	2,9	7,5	1,9	6,4
3,50	3,1	9,0	2,8	7,8	1,4	6,0
4,00	3,0	9,1	2,7	8,0	-	-

PICTORLUX / MULTIPICTOR 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,5	7,2	2,3	6,3	1,5	5,2
3,00	2,5	7,2	2,2	6,3	-	-
3,50	2,2	7,2	2,2	6,3	-	-
4,00	1,8	7,0	1,6	6,1	-	-

MULTIPICTOR-5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	3,8	11,5	4,3	11,1	3,6	9,2
3,00	3,8	10,6	4,4	11,4	3,5	8,7
3,50	3,9	10,3	4,4	11,8	3,1	8,4
4,00	3,9	10,6	4,3	12,3	2,5	7,4

C.PICTORLUX 8W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,3	11,5	3,6	8,9	3,3	8,3
3,00	4,4	11,8	3,8	9,3	3,2	8,4
3,50	4,5	12,1	3,9	9,9	3,0	8,7
4,00	4,5	12,3	4,0	10,4	2,8	8,8

C.PICTORLUX-5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,1	14,3	4,7	11,9	3,7	9,8
3,00	4,2	13,2	4,8	12,3	3,8	9,4
3,50	4,3	11,6	4,9	12,9	3,5	9,0
4,00	4,4	11,6	4,8	13,4	3,1	8,7



MULTIHILL 5xLED  
HILLUX 18W  
C.HILLUX 5xLED  
C.HILLUX 18W

MULTIHILL 5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,0	10,4	4,0	10,4	3,2	8,4
3,00	4,0	10,6	4,0	10,6	2,8	8,1
3,50	4,1	11,0	4,1	11,0	2,4	7,7
4,00	4,0	11,2	4,0	11,2	1,7	7,0

HILLUX 18W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	2,8	7,7	2,8	7,7	1,4	5,6
3,00	2,9	7,9	2,9	7,9	-	-
3,50	2,8	8,0	2,8	8,0	-	-
4,00	2,7	8,1	2,7	8,1	-	-

C.HILLUX 5xLED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	4,4	11,4	4,4	11,4	3,5	9,2
3,00	4,4	11,6	4,4	11,6	3,3	8,8
3,50	4,5	12,0	4,5	12,0	2,9	8,4
4,00	4,5	12,4	4,5	12,4	2,3	8,0

C.HILLUX 18W						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
2,75	5,4	13,4	5,4	13,4	2,6	7,5
3,00	5,6	14,0	5,6	14,0	2,0	7,0
3,50	5,9	14,7	5,9	14,7	-	-
4,00	6,1	15,6	6,1	15,6	-	-

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



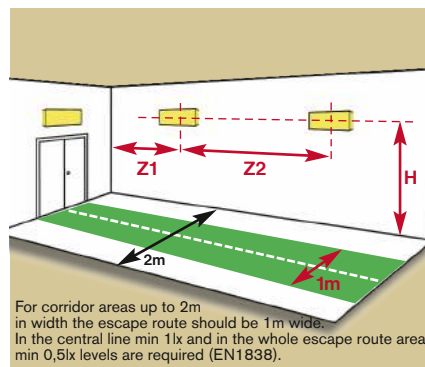
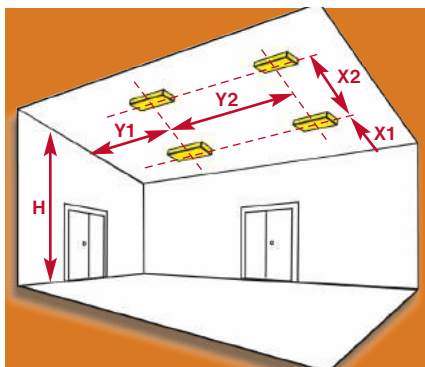
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



All values shown in spacing tables are calculated under the worst possible conditions = reflection indexes 0%, unless stated otherwise.



For corridor areas up to 2m in width the escape route should be 1m wide. In the central line min 1lx and in the whole escape route area min 0,5lx levels are required (EN1838).



MULTIPOWER2-AT  
C.POWERLUX2

**FOR HIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**

MULTIPOWER2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,9	17,3	7,9	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-

C.POWERLUX2-LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	9,0	20,0	9,0	20,0	-	-
5,00	10,5	23,2	10,5	23,2	-	-
6,00	11,8	26,3	11,8	26,3	-	-
7,00	13,0	28,9	13,0	28,9	-	-
8,00	14,0	31,6	14,0	31,6	-	-
9,00	14,7	34,0	14,7	34,0	-	-
10,0	15,5	35,8	15,5	35,8	-	-
11,0	15,8	37,7	15,8	37,7	-	-
12,0	16,3	39,3	16,3	39,3	-	-
13,0	16,7	40,5	16,7	40,5	-	-
14,0	16,8	41,3	16,8	41,3	-	-
15,0	17,0	42,0	17,0	42,0	-	-
16,0	17,3	42,8	17,3	42,8	-	-
17,0	17,3	43,4	17,3	43,4	-	-
18,0	17,3	43,7	17,3	43,7	-	-
19,0	17,3	44,3	17,3	44,3	-	-
20,0	17,0	44,5	17,0	44,5	-	-



MULTIROTALUX2-AT  
LED  
C.ROTALUX2-LED

**FOR HIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**

MULTIROTALUX2-AT LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	7,9	17,3	7,9	17,3	-	-
5,00	8,4	19,9	8,4	19,9	-	-
6,00	9,1	22,1	9,1	22,1	-	-
7,00	9,7	24,0	9,7	24,0	-	-
8,00	10,0	25,2	10,0	25,2	-	-
9,00	10,2	26,5	10,2	26,5	-	-
10,0	10,3	27,6	10,3	27,6	-	-
11,0	10,5	28,4	10,5	28,4	-	-
12,0	10,6	28,7	10,6	28,7	-	-
13,0	10,4	29,2	10,4	29,2	-	-
14,0	10,2	29,4	10,2	29,4	-	-
15,0	9,7	29,5	9,7	29,5	-	-
16,0	9,3	29,8	9,3	29,8	-	-
17,0	8,6	30,0	8,6	30,0	-	-
18,0	7,7	29,8	7,7	29,8	-	-
19,0	7,1	29,3	7,1	29,3	-	-
20,0	5,9	28,6	5,9	28,6	-	-

C.ROTALUX2 LED						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	9,0	20,0	9,0	20,0	-	-
5,00	10,5	23,2	10,5	23,2	-	-
6,00	11,8	26,3	11,8	26,3	-	-
7,00	13,0	28,9	13,0	28,9	-	-
8,00	14,0	31,6	14,0	31,6	-	-
9,00	14,7	34,0	14,7	34,0	-	-
10,0	15,5	35,8	15,5	35,8	-	-
11,0	15,8	37,7	15,8	37,7	-	-
12,0	16,3	39,3	16,3	39,3	-	-
13,0	16,7	40,5	16,7	40,5	-	-
14,0	16,8	41,3	16,8	41,3	-	-
15,0	17,0	42,0	17,0	42,0	-	-
16,0	17,3	42,8	17,3	42,8	-	-
17,0	17,3	43,4	17,3	43,4	-	-
18,0	17,3	43,7	17,3	43,7	-	-
19,0	17,3	44,3	17,3	44,3	-	-
20,0	17,0	44,5	17,0	44,5	-	-

For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle

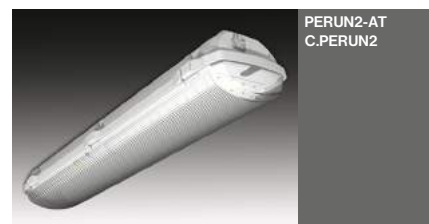
# 1LX EMERGENCY LIGHTING LEVEL SPACING TABLES

## Informatívne tabuľky rozmiestnenia núdzových svietidiel pre dosiahnutie osvetlenia 1lx

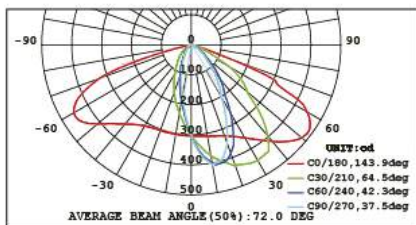
For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle

PERUN2-AT						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	8,0	18,6	7,8	18,5	-	-
5,00	8,7	20,5	8,6	20,1	-	-
6,00	9,3	22,4	9,2	21,7	-	-
7,00	10,2	22,8	9,8	23,3	-	-
8,00	10,4	24,0	9,9	23,8	-	-
9,00	10,9	25,7	10,2	24,8	-	-
10,0	11,2	26,0	10,5	25,6	-	-
11,0	11,4	26,7	10,7	26,2	-	-
12,0	11,4	27,5	10,8	27,5	-	-
13,0	11,8	29,0	10,9	28,0	-	-
14,0	10,4	29,2	10,5	27,7	-	-
15,0	10,0	27,6	10,2	27,2	-	-
16,0	9,6	27,4	10,0	26,8	-	-
17,0	9,1	25,8	9,6	27,5	-	-
18,0	9,2	26,4	8,5	27,6	-	-
19,0	9,0	27,1	8,2	27,5	-	-
20,0	7,9	27,0	7,3	27,2	-	-

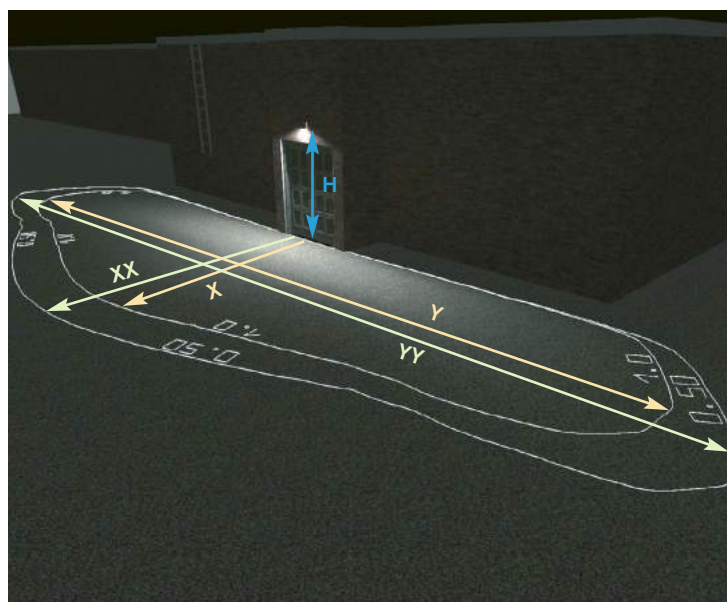
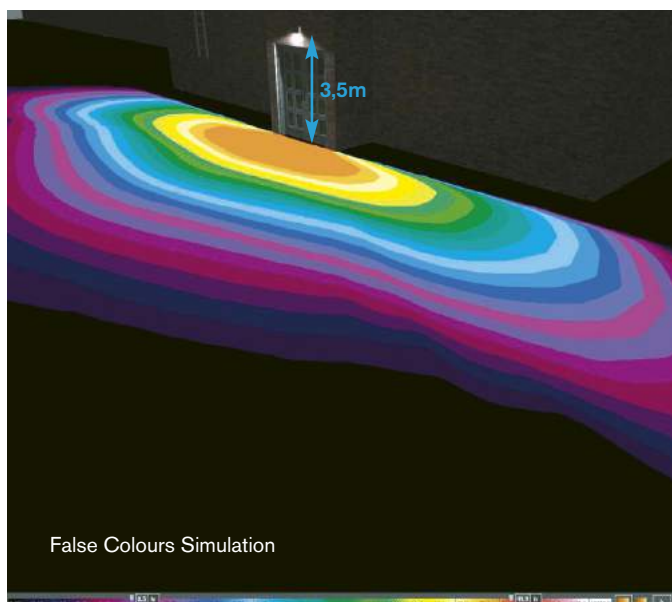
C.PERUN2						
H (m)	X1 (m)	X2 (m)	Y1 (m)	Y2 (m)	Z1 (m)	Z2 (m)
4,00	10,1	22,5	9,7	22,0	-	-
5,00	11,0	25,7	10,6	24,7	-	-
6,00	12,1	27,4	11,7	26,7	-	-
7,00	12,5	30,0	12,5	28,7	-	-
8,00	12,7	31,5	13,4	30,7	-	-
9,00	13,7	33,5	13,8	32,5	-	-
10,0	14,3	33,7	14,1	34,0	-	-
11,0	14,8	34,6	14,6	35,0	-	-
12,0	15,7	35,3	14,8	35,3	-	-
13,0	16,4	37,3	15,3	36,6	-	-
14,0	16,5	37,6	15,6	36,7	-	-
15,0	17,0	39,3	15,7	37,8	-	-
16,0	17,5	39,6	15,9	40,6	-	-
17,0	16,8	40,6	15,9	41,1	-	-
18,0	15,7	41,7	16,0	41,3	-	-
19,0	16,4	42,4	16,0	41,5	-	-
20,0	15,5	43,8	16,0	41,8	-	-



**FOR HIGH CEILING >4m**  
**PRE VYSOKÉ STROPY >4m**



MULTIEXIT3				
H (m)	XX 0,5lx (m)	YY 0,5lx (m)	X 1,0lx (m)	Y 1,0lx (m)
2,50	5,3	9,0	4,7	8,3
2,75	5,6	10,0	5,1	9,0
3,00	5,9	10,7	5,3	9,7
3,50	6,2	12,0	5,8	10,5



For LDT files download visit [www.sec.sk](http://www.sec.sk) LTD súbory nájdete na [www.sec.sk](http://www.sec.sk) pri každom svietidle



Product

**Assortment**




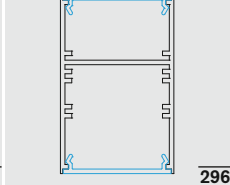
**ARCHITECTURAL**  
LIGHTING

**INTERIÉROVÉ**  
SVIETIDLÁ

Page No: **218-297**

# ARCHITECTURAL LIGHTING

CONTENTS

 224	 228	 228	 228	 230	 230
 230	 236	 236	 236	 238	 238
 238	 240	 240	 240	 242	 242
 242	 244	 242	 242	 246	 250
 256	 258	 258	 258	 258	 262
 262	 262	 264	 264	 264	 268
 274	 274	 274	 278	 278	 278
 280	 282	 284	 288	 290	 292
 295	 295	 296	 296	 297	 297



PROJECT REFERENCES  
WEGA-MODULE2-AA

Office building lighting application







Office building lighting application



PROJECT REFERENCES  
**WEGA-MODULE**

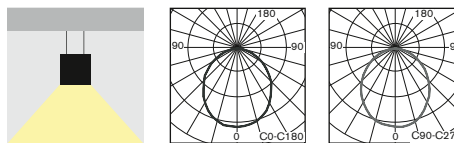




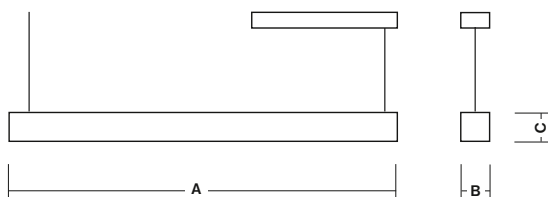
Office area lighting application



# SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE-A



- Slim design and powerful suspended mounted individual lighting fixture for smooth, comfortable and energy saving direct illumination (electronics is mounted inside of ceiling power outlet box)
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
  - diffuser made of semi-opal "milky" colour polycarbonate
- elegantné štíhle závesné LED svietidlo s kombináciou príjemného, komfortného úsporného priameho osvetlenia (elektronický predradník je externe umiestnený v stropnej prípojnej krabičke)
- určené pre individuálnu montáž (nie do línií), vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil
  - difúzor: polopálový polykarbonát



Wire suspensions (standard accessories)  
Závesná sada (štandardná výbava)

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlet
- 0.8m long cord
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM
- 2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1 ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative wire suspension length
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- dĺžka závesnej sady podľa špecifikácie

## WEGA-MODULE-A LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
WEGA-MODULE-AS LED/3000K	885 x 35 x 35mm	28W	LED/ 3000K/ 3000lm	Min 80	300-B-01	1,8 kg
WEGA-MODULE-AS LED/5000K	885 x 35 x 35mm	28W	LED/ 5000K/ 3500lm	Min 80	300-B-02	1,8 kg
WEGA-MODULE-AM LED/3000K	1134 x 35 x 35mm	38W	LED/ 3000K/ 4000lm	Min 80	300-B-03	2,0 kg
WEGA-MODULE-AM LED/5000K	1134 x 35 x 35mm	38W	LED/ 5000K/ 4500lm	Min 80	300-B-04	2,0 kg
WEGA-MODULE-AL LED/3000K	1412 x 35 x 35mm	48W	LED/ 3000K/ 5000lm	Min 80	300-B-05	2,3 kg
WEGA-MODULE-AL LED/5000K	1412 x 35 x 35mm	48W	LED/ 5000K/ 5500lm	Min 80	300-B-06	2,3 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



SUSPENDED MOUNTING LED FIXTURE  
WEGA-MODULE-A





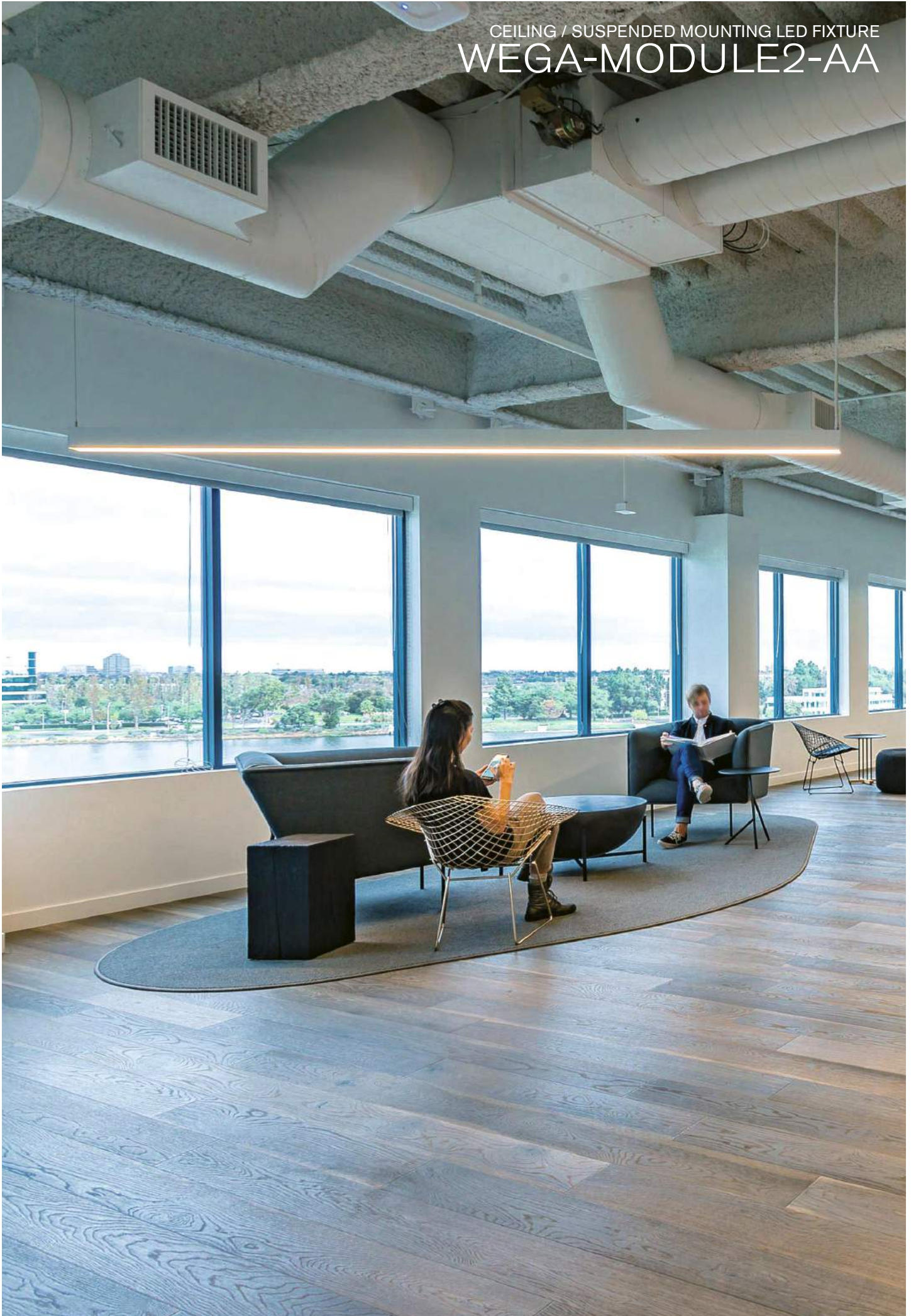
SUSPENDED MOUNTING LED FIXTURE

# WEGA-MODULE2-AA



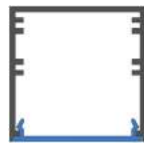


CEILING / SUSPENDED MOUNTING LED FIXTURE  
WEGA-MODULE2-AA

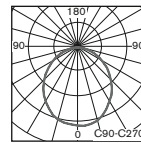
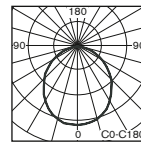
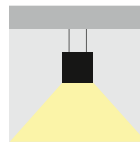




# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-AA



Section Drawing  
Rez svietidlom



WEGA-MODULE2-AA (Anodised AL)



WEGA-MODULE2-AA (RAL9003)



WEGA-MODULE2-AA (RAL9005)

- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination with the possibility to mount into line ("inline")
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser available in two versions:
    - flat shape (all AA versions)
    - "U" shape (all AB versions)
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svietidlo s kombináciou prijemného a komfortného priameho osvetlenia s možnosťou montáže do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v 2 verziách:
    - plochý (všetky AA verzie)
    - v tvare "U" (všetky AB verzie)

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- **MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM**
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- **MidPower LED 180lm/W typu SAMSUNG alebo OSRAM**
- pripravené pre stmievanie DALI
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie

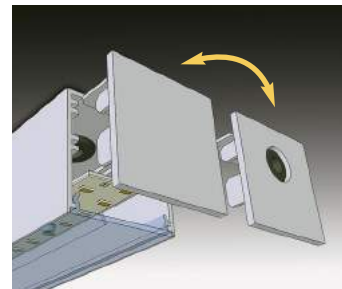
## OPTIONS

## PRÍPLATKY

- Wire suspension kit
- End cap with side cable entry
- Alternative surface treatment is possible (min.order quantity 100pcs)
- závesná sada
- čelíčko s prechodkou
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



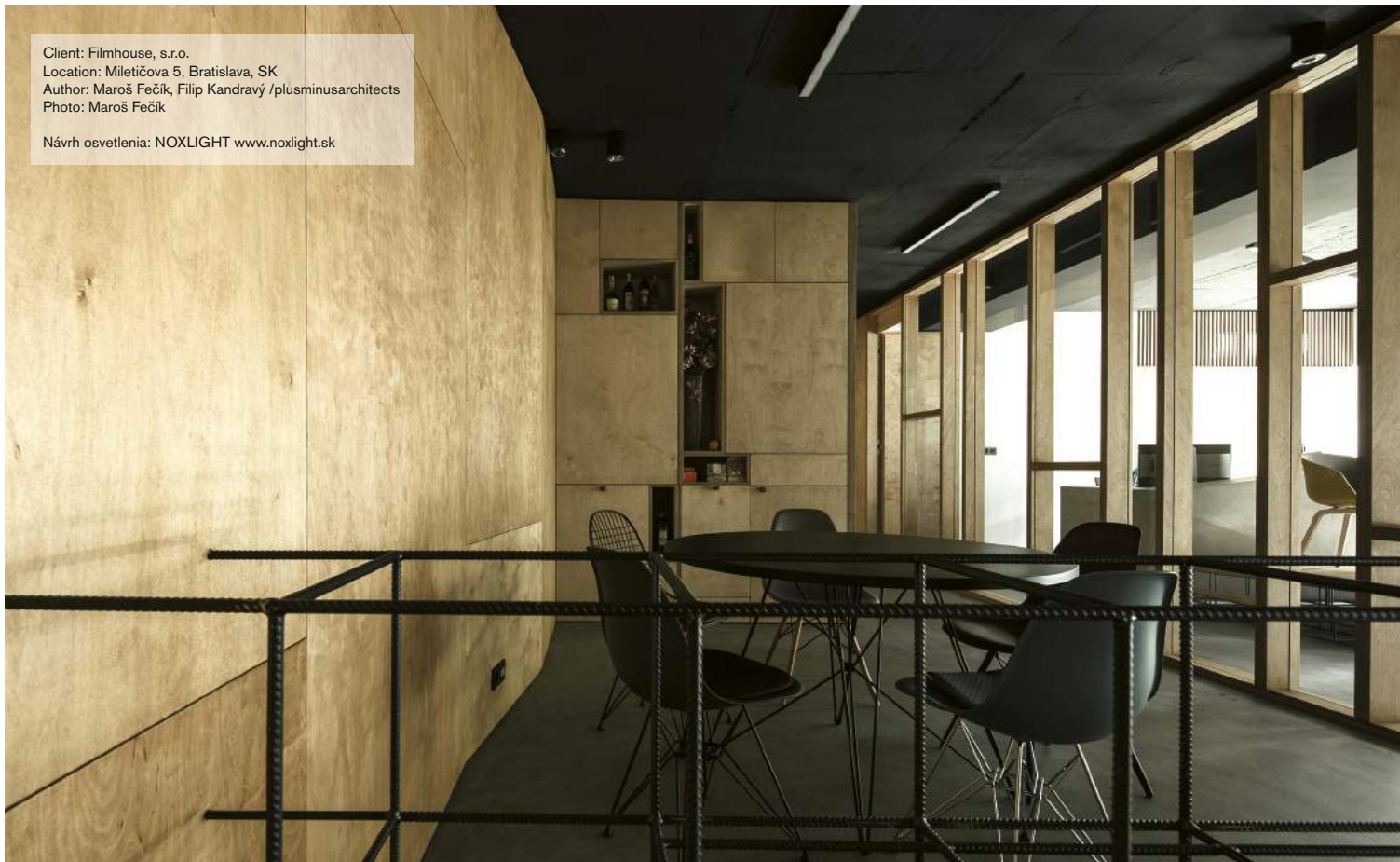
Optional wire suspensions set  
Príplatková závesná sada  
(refer to page No.232/ pozri str.232)



End cap with side cable entry  
Čelíčko pre bočný prívod elektr. káblu  
(refer to page No.232/ pozri str.232)

# CEILING MOUNTING LED FIXTURE WEGA-MODULE2-AA

WEGA-MODULE2-AA (RAL9005 Black)



Client: Filmhouse, s.r.o.  
Location: Miletičova 5, Bratislava, SK  
Author: Maroš Fečík, Filip Kandráv / plusminusarchitects  
Photo: Maroš Fečík

Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)

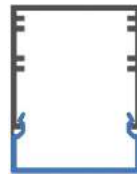
## WEGA-MODULE2-AA

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-00	1,6 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-02	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-02	2,4 kg

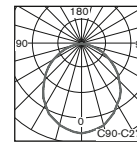
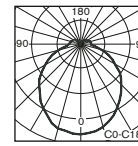
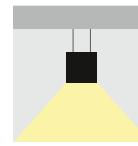
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-AB



Section Drawing  
Rez svietidlom



WEGA-MODULE2-AB (Anodised AL)



WEGA-MODULE2-AB (RAL9003)



WEGA-MODULE2-AB (RAL9005)  
Suspended Mounting - Wire rope suspension kit is optional  
(refer to page No.232)  
Závesná montáž - závesná sada je príplatková (pozri str.232)

- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination with the possibility to mount into line ("inline")
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svietidlo s kombináciou príjemného a komfortného priameho osvetlenia s možnosťou montáže do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM
- pripravené pre stmievanie DALI
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie

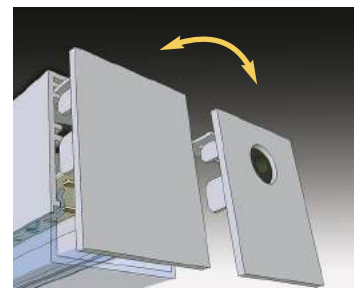
## OPTIONS

## PRÍPLATKY

- Wire suspension kit
- End cap with side cable entry
- Alternative surface treatment is possible (min.order quantity 100pcs)
- závesná sada
- čeličko s prechodkou
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



Optional wire suspensions set  
Príplatková závesná sada  
(refer to page No.232/ pozri str.232)



End cap with side cable entry  
Čeličko pre bočný privod elektr. káblu  
(refer to page No.232/ pozri str.232)

CEILING / SUSPENDED MOUNTING LED FIXTURE  
**WEGA-MODULE2-AB**



WEGA-MODULE2-AB (Anodised AL)  
 Suspended Mounting - Wire rope suspension kit is optional (refer to page No.232)  
 Závesná montáž - závesná sada je príplatková (pozri str.232)

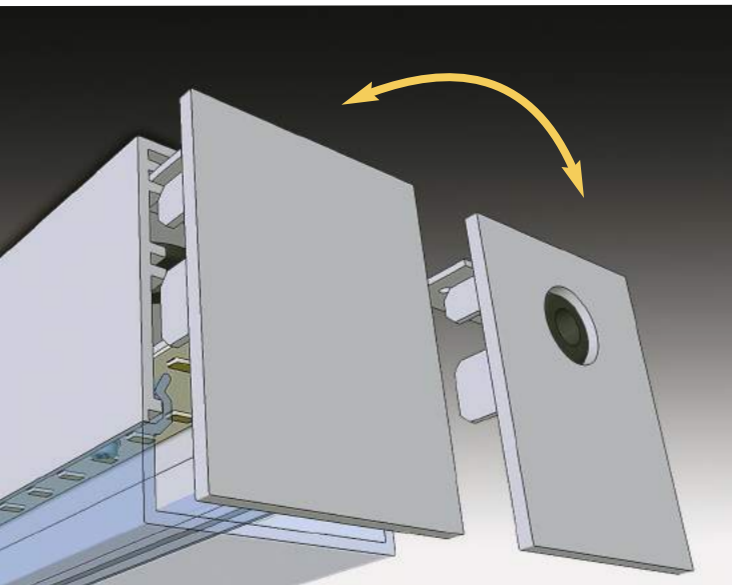
<b>WEGA-MODULE2-AB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-AB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-00	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-01	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-005-01-02	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-00	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-01	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-006-01-02	1,3 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-00	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-01	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-055-01-02	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-00	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-01	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-056-01-02	1,7 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-00	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-01	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-105-01-02	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-00	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-01	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-106-01-02	2,1 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-00	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-01	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-155-01-02	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-00	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-01	2,5 kg
WEGA-MODULE2-AB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-156-01-02	2,5 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# WEGA-MODULE2

- **Optional cable side entry end cap** in white RAL9003 or black RAL9005 or grey RAL9006 colour
- **Čelíčko s bočnou prechodkou** vo farbe biela RAL9003 alebo čierna RAL9005 alebo šedá RAL9006



## END CAP FOR ALL WEGA-MODULE2-AA FLAT SHAPED DIFFUSER KONCOVÉ ČELÍČKO PRE WEGA-MODULE2-AA PLOCHÝ DIFÚZOR

Optional Item / Príplatok	Order Code / Objednávaci kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-01
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-09
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-10
End cap wide side cable entry - RAL9006	320-B-000-14-02
End cap wide side cable entry - RAL9003	320-B-000-14-11
End cap wide side cable entry - RAL9005	320-B-000-14-12
Čelíčko s bočnou prechodkou - RAL9006	320-B-000-14-02
Čelíčko s bočnou prechodkou - RAL9003	320-B-000-14-11
Čelíčko s bočnou prechodkou - RAL9005	320-B-000-14-12

## END CAP FOR ALL WEGA-MODULE2-AB "U" SHAPED DIFFUSER KONCOVÉ ČELÍČKO PRE WEGA-MODULE2-AB DIFÚZOR V TVARE "U"

Optional Item / Príplatok	Order Code / Objednávaci kód
End cap RAL9006 / čelíčko RAL9006	320-B-000-14-03
End cap RAL9003 / čelíčko RAL9003	320-B-000-14-13
End cap RAL9005 / čelíčko RAL9005	320-B-000-14-14
End cap wide side cable entry - RAL9006	320-B-000-14-04
End cap wide side cable entry - RAL9003	320-B-000-14-15
End cap wide side cable entry - RAL9005	320-B-000-14-16
Čelíčko s bočnou prechodkou - RAL9006	320-B-000-14-04
Čelíčko s bočnou prechodkou - RAL9003	320-B-000-14-15
Čelíčko s bočnou prechodkou - RAL9005	320-B-000-14-16

- **Wire rope suspension** set in length either 1m or 2m including all:
  - Electrical cord and 2pcs of suspension steel wire ropes
  - Ceiling power outlet in white RAL9003 or black RAL9005 colour or anodised AL (including WAGO terminal block ready for DALI)
  - 2+2pcs of tool-free adjustable wire holders for rapid mounting and adjustment of suspension length
- **Lanková závesná sada** v dĺžke 1m alebo 2m obsahujúca:
  - číry privodný elektrický kábel a 2ks závesných laniek
  - stropnú krabičku vo farbe biela RAL9003 alebo čierna RAL9005 alebo elox AL (s WAGO svorkovnicou pripravenou na DALI)
  - 2+2ks nastaviteľných závesných mechanizmov pre nastavenie požadovanej dĺžky závesu

Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-51
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-52
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-53
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-61
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-62
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-63

- **"Inline" mounting fixation joint** ensures straight line connection
- It is not needed to order as separate item, it is standard item you find in a package but you can order it as a spare part:
- **spojka pre aretáciu** svietidiel pri montáži do línie
  - nie je nutné objednávať samostatne, je to štandardne v balení každého svietidla, ale je možné objednať samostatne ako náhradný diel:

Spare part / Náhradný diel	Order Code / Objednávaci kód
Linear "inline" mouning joint	320-B-000-13-25
Spojka pre aretáciu do línie	320-B-000-13-25

CEILING MOUNTING LED FIXTURE  
**WEGA-MODULE2**



Client: Filmhouse, s.r.o.  
Location: Miletičova 5, Bratislava, SK  
Author: Maroš Fečík, Filip Kandrávy /plusminusarchitects  
Photo: Maroš Fečík

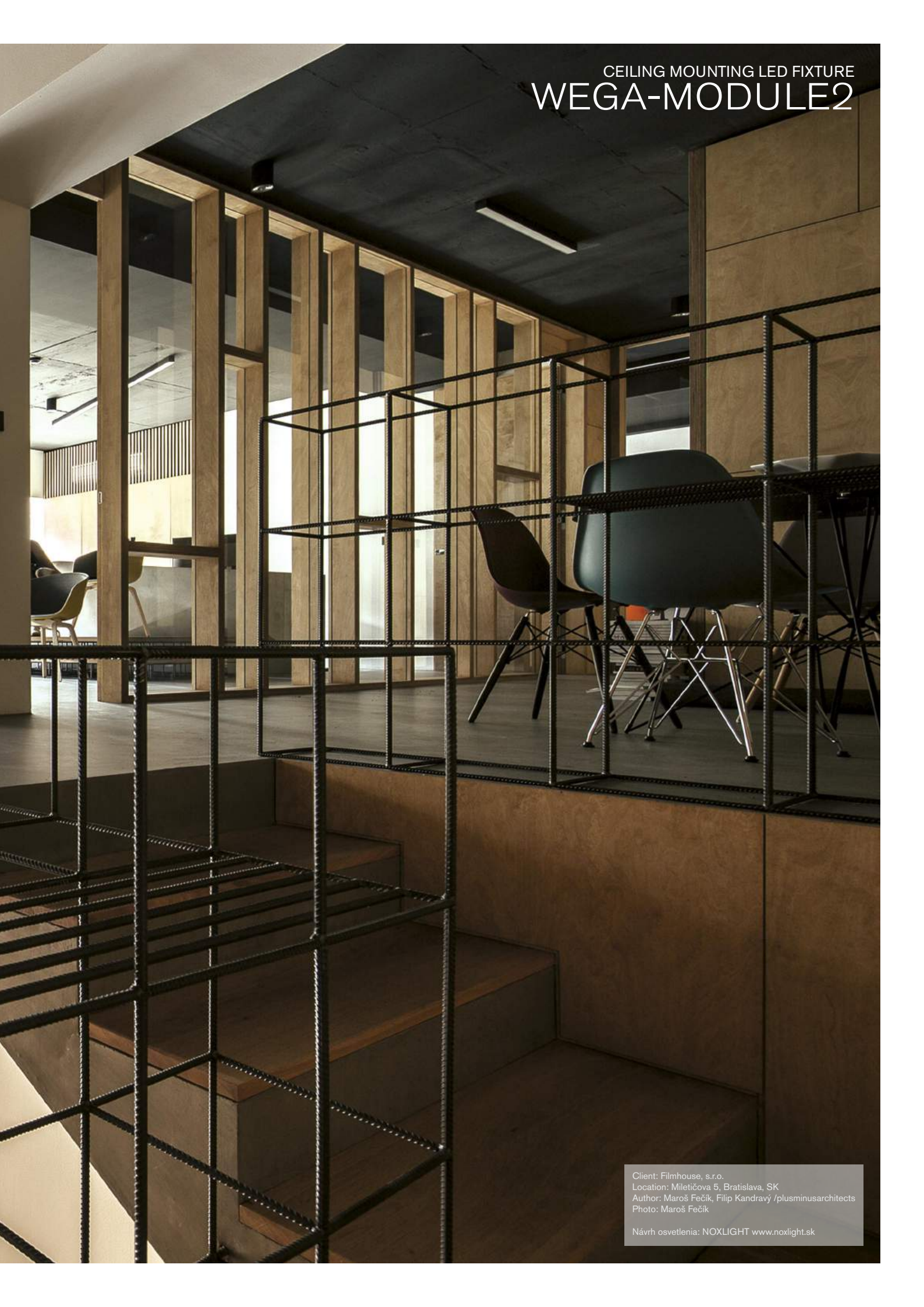
Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)







CEILING MOUNTING LED FIXTURE  
**WEGA-MODULE2**



Client: Filmhouse, s.r.o.  
Location: Miletičova 5, Bratislava, SK  
Author: Maroš Fečík, Filip Kandráv / plusminusarchitects  
Photo: Maroš Fečík

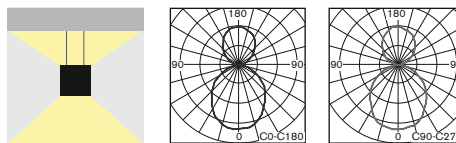
Návrh osvetlenia: NOXLIGHT [www.noxlight.sk](http://www.noxlight.sk)



# SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-FAA



Section Drawing  
Rez svietidlom



WEGA-MODULE2-FAA (Anodised AL)



WEGA-MODULE2-FAA (RAL9003)



WEGA-MODULE2-FAA (RAL9005)

- Exquisite slim design individual suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions in length either 851mm or 1130mm or 1409mm are equipped with 2pcs of LED electronic ballasts - double circuit version, both direct (bottom) and indirect (upper) illumination can be controlled individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - Upper flat shape / bottom flat shape
- elegantné individuálne štíhle závesné svietidlo s kombináciou priameho (55%) a nepriameho (45%) príjemného a úsporného osvetlenia
- svietidlá dĺžky 851mm alebo 1130mm alebo 1409mm sú vybavené 2 LED elektronickými predradníkmi - dvojokruhové verzie, priame (spodné) i nepriame (horné) osvetlenie môžu byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opáľový "mliečny" polykarbonátový profil:
    - horný plochý / spodný plochý

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM



Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

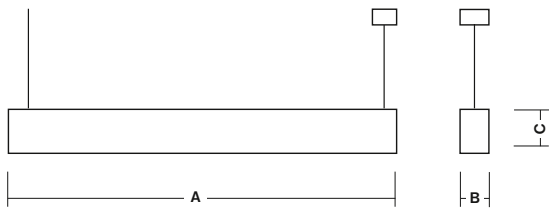
## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



# SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-FAA



\* Single Circuit / Jednookruhové svietidlo

\*\* Double Circuit / Dvojokruhové svietidlo

## WEGA-MODULE2-FAA

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-FAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-00	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-01	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 3000K / 2140lm	typ 82	320-B-401-01-02	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-00	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 16W *	White / biela RAL9003	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-01	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 16W *	Black / čierna RAL9005	572x50x79 mm	LED 4000K / 2140lm	typ 82	320-B-402-01-02	2,5 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-00	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-01	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 3000K / 3315lm	typ 82	320-B-451-01-02	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-00	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	White / biela RAL9003	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-01	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 25W **	Black / čierna RAL9005	851x50x79 mm	LED 4000K / 3315lm	typ 82	320-B-452-01-02	3,0 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-00	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-01	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 3000K / 4760lm	typ 82	320-B-501-01-02	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-00	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	White / biela RAL9003	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-01	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x79 mm	LED 4000K / 4760lm	typ 82	320-B-502-01-02	3,5 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-00	4,0 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-01	4,0 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 3000K / 5950lm	typ 82	320-B-551-01-02	4,0 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-00	4,0 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	White / biela RAL9003	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-01	4,0 kg
WEGA-MODULE2-FAA-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x79 mm	LED 4000K / 5950lm	typ 82	320-B-552-01-02	4,0 kg

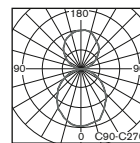
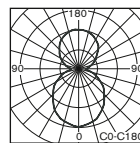
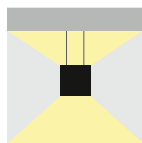
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-FAB



Section Drawing  
Rez svietidlom



WEGA-MODULE2-FAB (Anodised AL)



WEGA-MODULE2-FAB (RAL9003)



- Exquisite slim design individual suspended lighting fixture for smooth and comfortable combination of direct (55%) and indirect (45%) illumination
- All versions in length either 851mm or 1130mm or 1409mm are equipped with 2pcs of LED electronic ballasts - double circuit version, both direct (bottom) and indirect (upper) illumination can be controlled individually
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffusers:
    - Upper flat shape / bottom "U" shape
- elegantné individuálne štíhle závesné svietidlo s kombináciou priameho (55%) a nepriameho (45%) príjemného a úsporného osvetlenia
- svietidlá dĺžky 851mm alebo 1130mm alebo 1409mm sú vybavené 2 LED elektronickými predradníkmi - dvojokruhové verzie, priame (spodné) i nepriame (horné) osvetlenie môžu byť ovládané samostatne
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil:
    - horný plochý / spodný v tvare "U"

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

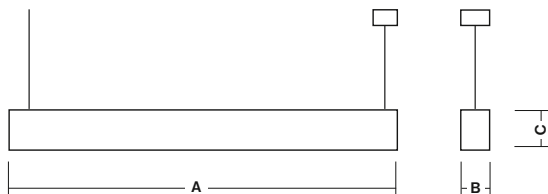


Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



SUSPENDED MOUNTING LED FIXTURE  
**WEGA-MODULE2-FAB**



WEGA-MODULE2-FAB (RAL9005)

\* Single Circuit / Jednookruhové svietidlo

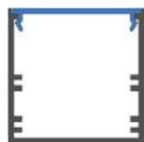
\*\* Double Circuit / Dvojkruhové svietidlo

<b>WEGA-MODULE2-FAB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-FAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-00	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-01	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 3000K / 2140lm	typ 82	320-B-403-01-02	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Anodised AL / Eloxovaný AL	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-00	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	White / biela RAL9003	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-01	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 16W *	Black / čierna RAL9005	572x50x94 mm	LED 4000K / 2140lm	typ 82	320-B-404-01-02	2,6 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-00	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-01	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 3000K / 3315lm	typ 82	320-B-453-01-02	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Anodised AL / Eloxovaný AL	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-00	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	White / biela RAL9003	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-01	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 25W **	Black / čierna RAL9005	851x50x94 mm	LED 4000K / 3315lm	typ 82	320-B-454-01-02	3,1 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-00	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-01	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 3000K / 4760lm	typ 82	320-B-503-01-02	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Anodised AL / Eloxovaný AL	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-00	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	White / biela RAL9003	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-01	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 36W **	Black / čierna RAL9005	1130x50x94 mm	LED 4000K / 4760lm	typ 82	320-B-504-01-02	3,6 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-00	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-01	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 3000K / 5950lm	typ 82	320-B-553-01-02	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Anodised AL / Eloxovaný AL	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-00	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	White / biela RAL9003	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-01	4,1 kg
WEGA-MODULE2-FAB-DIM-DALI 50W **	Black / čierna RAL9005	1409x50x94 mm	LED 4000K / 5950lm	typ 82	320-B-554-01-02	4,1 kg

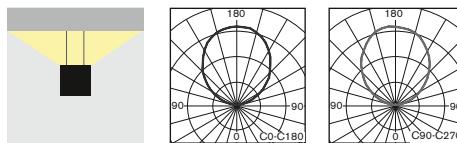
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# SUSPENDED MOUNTING LED FIXTURE WEGA-MODULE2-EA



Section Drawing  
Rez svietidlom



WEGA-MODULE2-EA (Anodised AL)



WEGA-MODULE2-EA (RAL9003)



WEGA-MODULE2-EA (RAL9005)

- Exquisite slim design individual suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- individuálne elegantné štíhle závesné svietidlo s kombináciou príjemného a úsporného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opalový "mliečny" polykarbonátový profil

## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension set 1m long
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM

- pripravené pre stmievanie DALI
- lanková závesná sada 1m dlhá
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

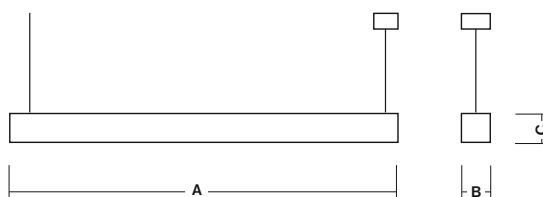


Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



SUSPENDED MOUNTING LED FIXTURE  
**WEGA-MODULE2-EA**



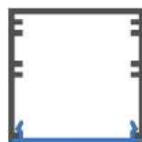
**WEGA-MODULE2-EA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-EA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-00	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-01	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1090lm	typ 82	320-B-201-01-02	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-00	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-01	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1090lm	typ 82	320-B-202-01-02	1,2 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-00	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-01	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1635lm	typ 82	320-B-251-01-02	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-00	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-01	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1635lm	typ 82	320-B-252-01-02	1,6 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-00	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-01	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2360lm	typ 82	320-B-301-01-02	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-00	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-01	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2360lm	typ 82	320-B-302-01-02	2,0 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-00	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-01	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 2950lm	typ 82	320-B-351-01-02	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-00	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-01	2,4 kg
WEGA-MODULE2-EA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 2950lm	typ 82	320-B-352-01-02	2,4 kg

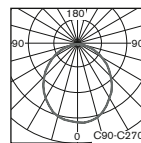
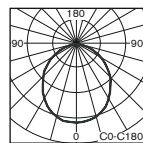
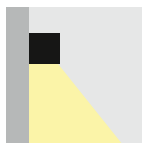
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# WALL MOUNTING LED FIXTURE WEGA-MODULE2-DA



Section Drawing  
Rez svietidlom



WEGA-MODULE2-DA (Anodised AL)



WEGA-MODULE2-DA (RAL9003)



WEGA-MODULE2-DA (RAL9005)

- Exquisite slim design wall mounted lighting fixture for smooth and comfortable either direct or indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle nástenné svietidlo s kombináciou príjemného a komfortného priameho alebo nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



WALL MOUNTING LED FIXTURE  
**WEGA-MODULE2-DA**



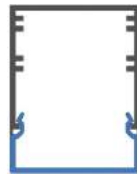
**WEGA-MODULE2-DA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-00	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-01	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-011-01-02	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-00	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-01	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-012-01-02	1,2 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-061-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-00	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-01	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-062-01-02	1,6 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-00	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-01	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-111-01-02	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-00	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-01	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-112-01-02	2,0 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-00	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-01	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-161-01-02	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-00	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-01	2,4 kg
WEGA-MODULE2-DA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-162-01-02	2,4 kg

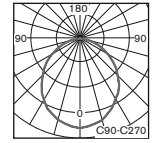
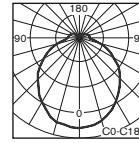
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# WALL MOUNTING LED FIXTURE WEGA-MODULE2-DB



Section Drawing  
Rez svietidlom



WEGA-MODULE2-DB (Anodised AL)



WEGA-MODULE2-DB (RAL9003)

- Exquisite slim design wall mounted lighting fixture for smooth and comfortable either direct or indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle nástenné svietidlo s kombináciou príjemného a komfortného priameho alebo nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

## STANDARD FEATURES

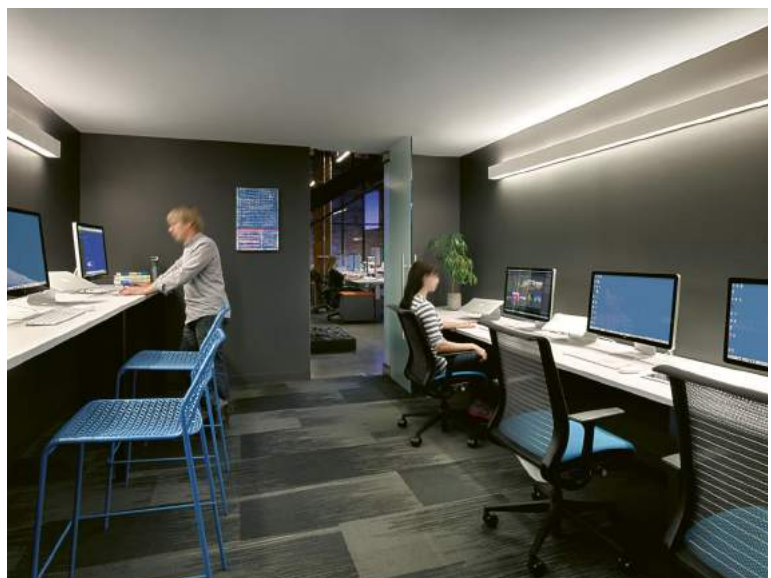
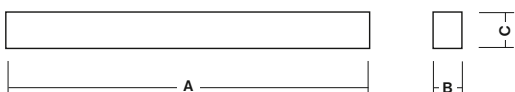
## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- Set of wall mounting accessories
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM
- sada pre nástennú montáž

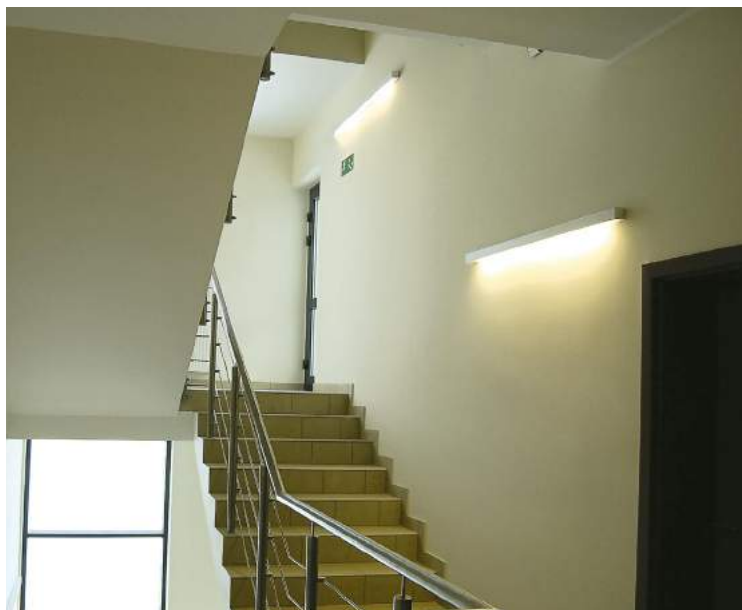
## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)



WALL MOUNTING LED FIXTURE  
**WEGA-MODULE2-DB**



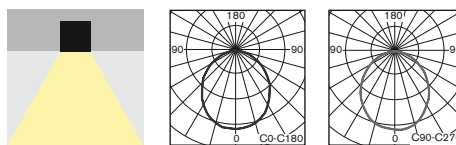
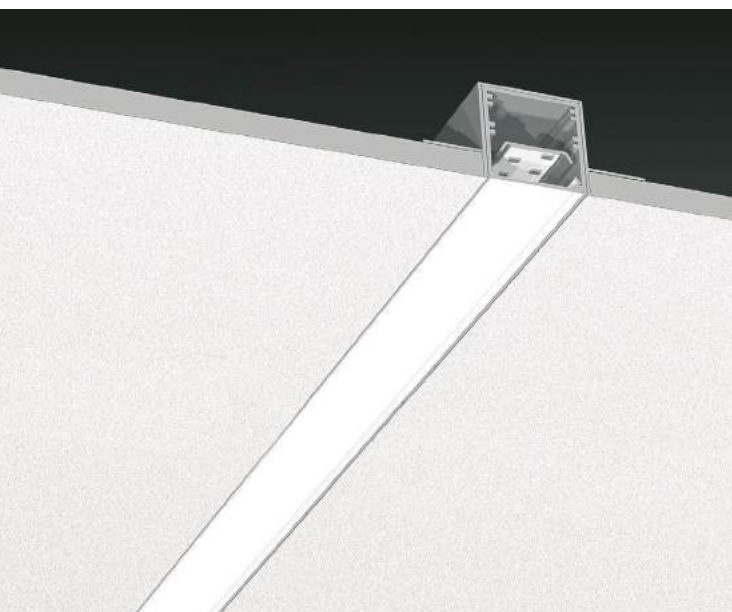
WEGA-MODULE2-DB (RAL9005)

<b>WEGA-MODULE2-DB</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-DB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-00	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-01	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 3000K / 1120lm	typ 82	320-B-013-01-02	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-00	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	White / biela RAL9003	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-01	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 8W	Black / čierna RAL9005	572x50x65 mm	LED 4000K / 1120lm	typ 82	320-B-014-01-02	1,3 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 3000K / 1680lm	typ 82	320-B-063-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-00	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	White / biela RAL9003	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-01	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 13W	Black / čierna RAL9005	851x50x65 mm	LED 4000K / 1680lm	typ 82	320-B-064-01-02	1,7 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-00	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-01	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 3000K / 2400lm	typ 82	320-B-113-01-02	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-00	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	White / biela RAL9003	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-01	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 18W	Black / čierna RAL9005	1130x50x65 mm	LED 4000K / 2400lm	typ 82	320-B-114-01-02	2,1 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-00	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-01	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 3000K / 3000lm	typ 82	320-B-163-01-02	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-00	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	White / biela RAL9003	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-01	2,5 kg
WEGA-MODULE2-DB-DIM-DALI 23W	Black / čierna RAL9005	1409x50x65 mm	LED 4000K / 3000lm	typ 82	320-B-164-01-02	2,5 kg

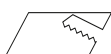
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# RECESSED MOUNTING LED FIXTURE WEGA-MODULE2-AA



- Exquisite **trimless recessed mounting** lighting fixture for smooth and comfortable direct illumination with the possibility to mount into line ("inline")
- **AL profile for recessed mounting must be ordered as separate item**
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle svietidlo **určené pre zapustenie do stropu (bezrámkové)** s kombináciou príjemného a komfortného priameho osvetlenia s možnosťou montáže do línie
- **AL profil pre zapustenú montáž sa objednáva samostatne)**
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavišká, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - čierna RAL9005
  - difúzor: extrudovaný opalový "mliečny" polykarbonátový profil



## Recessed mounting hole size

**Length x Width = A x 68mm**

$A = B - ((C-1) \cdot 6\text{mm})$

B= sum of total length of all modules in a line

C= number of all modules in a line

Required height of false ceiling is min 120mm

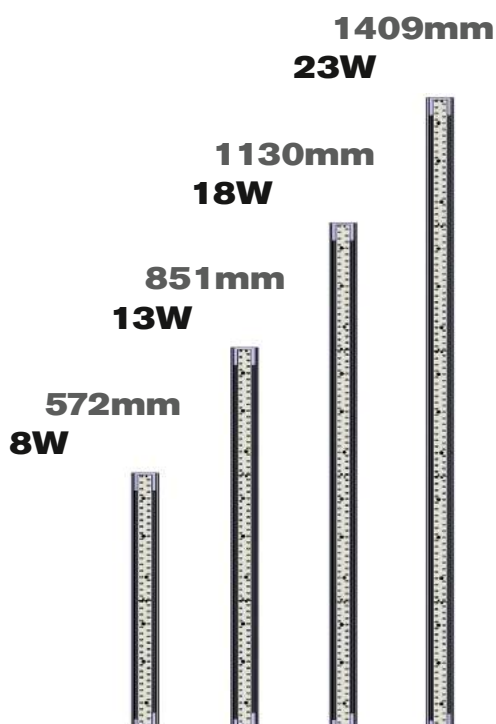
## Rozmer montážneho otvoru (DxŠ)= A x 68mm

$A = B - ((C-1) \cdot 6\text{mm})$

B= celkový súčet dĺžok všetkých modulov v línii

C= počet všetkých modulov v línii

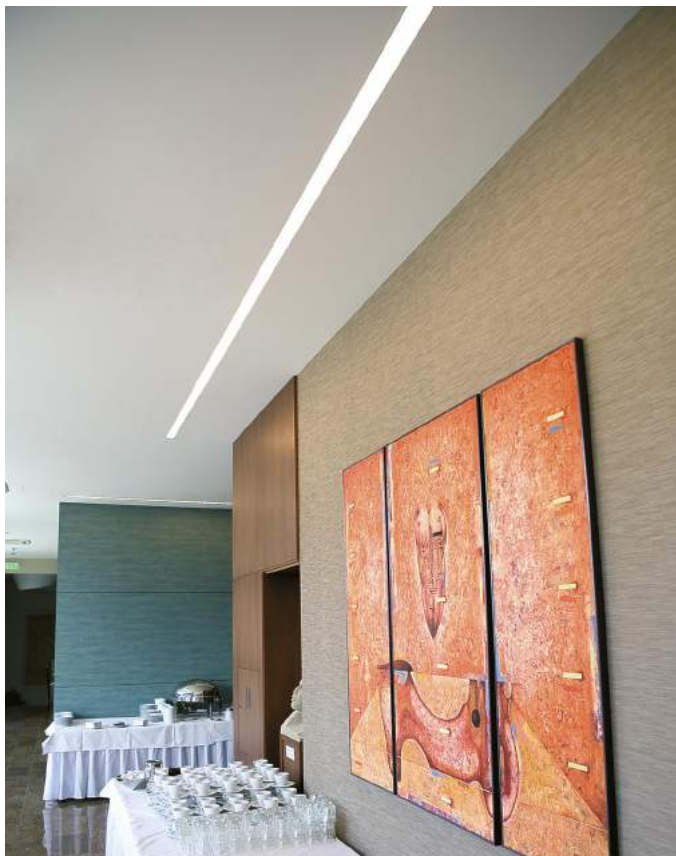
Min.požadovaná svetlá výška nad sádkartónovým stropom je min.120mm



## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- **MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM**
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- **MidPower LED 180lm/W typu SAMSUNG alebo OSRAM**
- pripravené pre stmievanie DALI
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie



Recessed Ceiling  
Mounting AL Profile  
AL profil pre  
zapustenú montáž

# RECESSED MOUNTING LED FIXTURE WEGA-MODULE2-AA

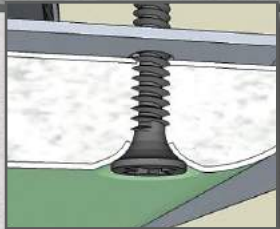
Recessed mounting AL profile  
Fixation by screws

Fixácia stropného AL profilu  
pre zapustenú montáž



Recessed mounting AL profile  
Fixation by screws

Fixácia stropného AL profilu  
pre zapustenú montáž



...to lute the screws and AL profile edge  
around the recessed mounting hole

Zatmelenie skrutiek a hrany AL profilu  
okolo montážneho otvoru



...to smooth the surface

Vybrúsenie povrchu po tmeľení



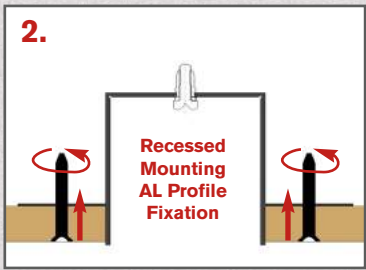
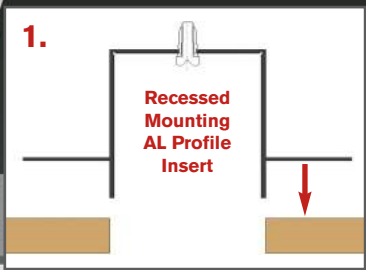
Final Painting

Vymaľovanie

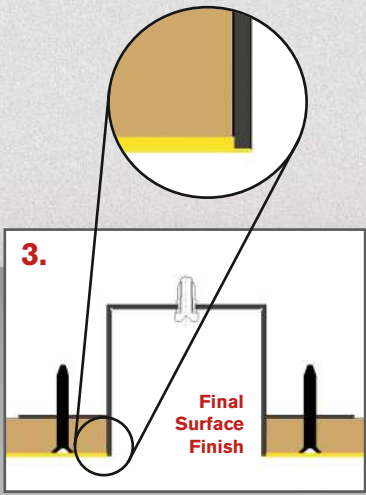


LED  
FIXTURE  
LED  
SVIETIDLO

DIFFUSER  
DIFÚZOR

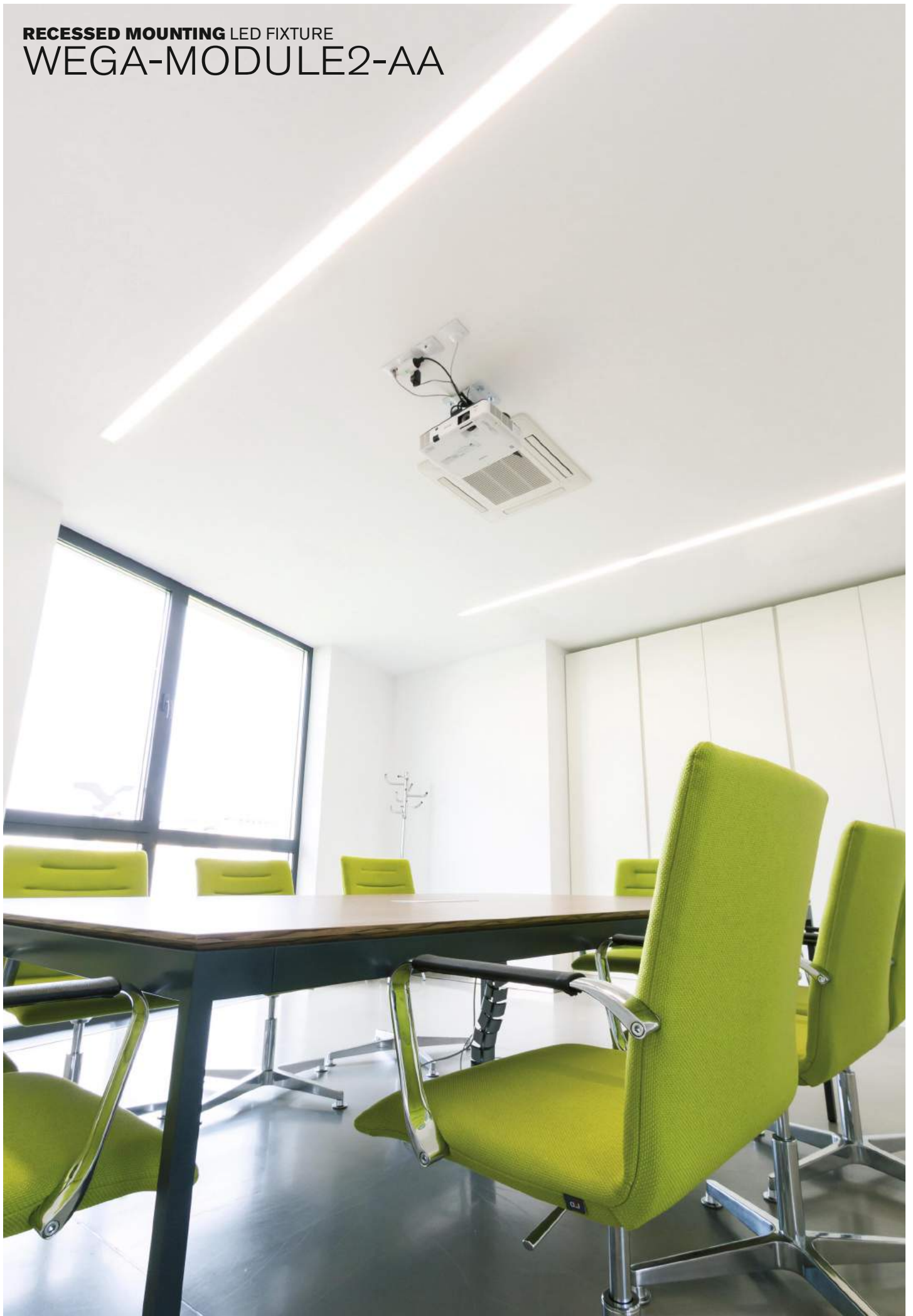


Recessed Mounting AL  
Profile Fixation Screws  
(not included)  
Skrutky pre fixáciu AL  
profilu v strope  
(nie sú súčasťou dodávky)





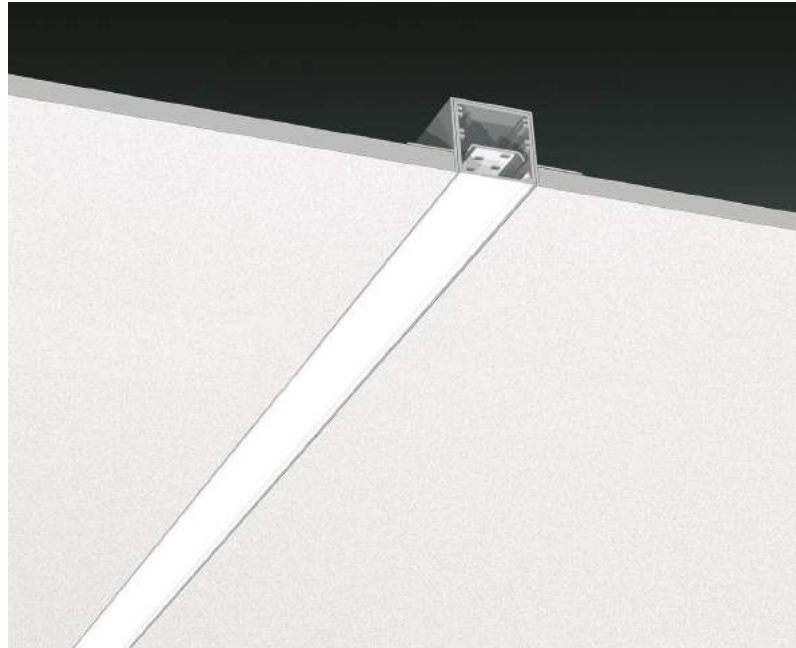
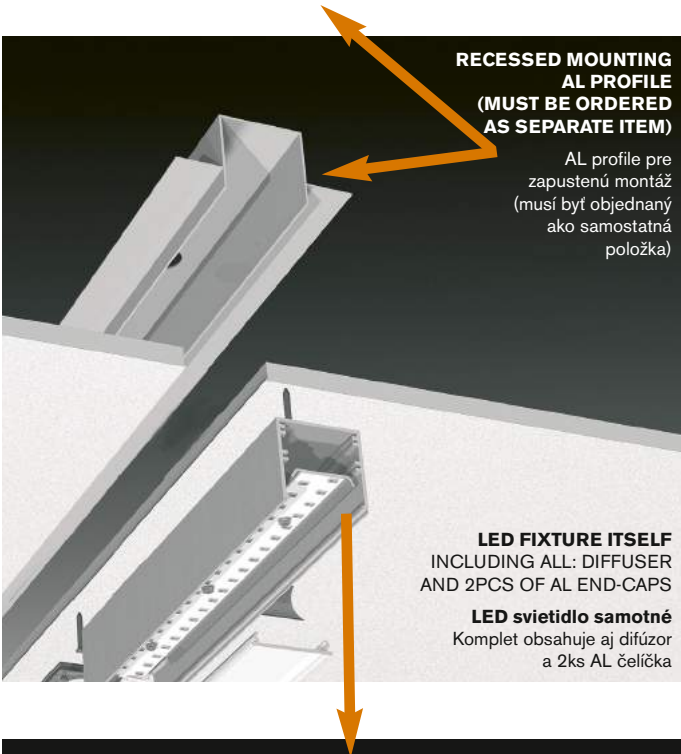
**RECESSED MOUNTING LED FIXTURE**  
**WEGA-MODULE2-AA**



# RECESSED MOUNTING LED FIXTURE WEGA-MODULE2-AA

## WEGA-MODULE2-AA Recessed Mounting AL Profile

Type / Typ	Order Code	Weight
AL RECESSED PROFILE FOR WEGA-MODULE-2-AA 8W	320-B-000-09-36	0,5 kg
AL RECESSED PROFILE FOR WEGA-MODULE-2-AA 13W	320-B-000-10-36	0,8 kg
AL RECESSED PROFILE FOR WEGA-MODULE-2-AA 18W	320-B-000-11-36	1,1 kg
AL RECESSED PROFILE FOR WEGA-MODULE-2-AA 23W	320-B-000-12-36	1,4 kg



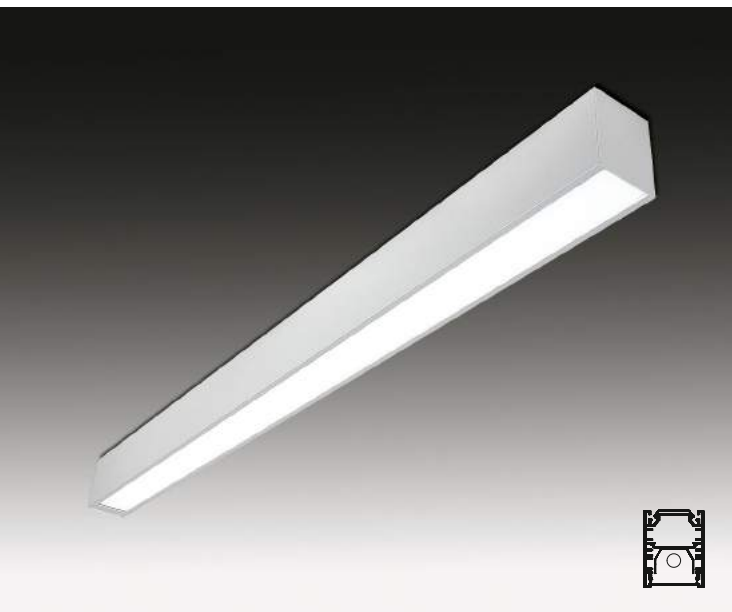
## WEGA-MODULE2-AA

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 3000K / 1120lm	typ 82	320-B-003-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Anodised AL / Eloxovaný AL	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	White / biela RAL9003	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 8W	Black / čierna RAL9005	572x50x50 mm	LED 4000K / 1120lm	typ 82	320-B-004-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-00	1,6 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 3000K / 1680lm	typ 82	320-B-053-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Anodised AL / Eloxovaný AL	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-00	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	White / biela RAL9003	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-01	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 13W	Black / čierna RAL9005	851x50x50 mm	LED 4000K / 1680lm	typ 82	320-B-054-01-02	1,2 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 3000K / 2400lm	typ 82	320-B-103-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Anodised AL / Eloxovaný AL	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-00	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	White / biela RAL9003	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-01	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 18W	Black / čierna RAL9005	1130x50x50 mm	LED 4000K / 2400lm	typ 82	320-B-104-01-02	2,0 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 3000K / 3000lm	typ 82	320-B-153-01-02	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Anodised AL / Eloxovaný AL	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-00	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	White / biela RAL9003	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-01	2,4 kg
WEGA-MODULE2-AA-DIM-DALI 23W	Black / čierna RAL9005	1409x50x50 mm	LED 4000K / 3000lm	typ 82	320-B-154-01-02	2,4 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



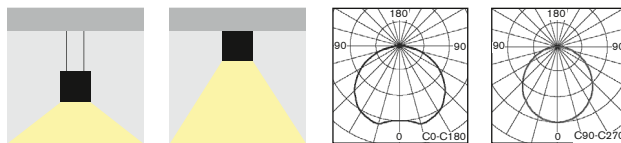
# CEILING / SUSPENDED MOUNTING LED FIXTURE AVANTIS-APD2 T8-LED



AVANTIS-APD2



AVANTIS-APD2 equipped with optional wire suspension set



- Exquisite design suspended (optional wire rope suspension set must be ordered) or surface mounted lighting fixture for powerful and energy saving direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Ready for LED T8 tubes (LED tube is not included, must be ordered as separate item)
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
  - diffuser made of semi-opal "milky" white polycarbonate
- elegantné výkonné LED stropné alebo závesné (voliteľná závesná sada musí byť objednaná samostatne)
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- pripravené pre pre LED T8 trubice (trubica nie je súčasťou svietidla, je potrebné objednať samostatne)
- vysokokvalitné materiály:
  - teleso: eloxovaný extrúdaný AL profil
  - difúzor: opáľový polycarbonát

## STANDARD FEATURES

- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svietidiel pri montáži do línie

## ŠTANDARDNÁ VÝBAVA

## OPTIONS

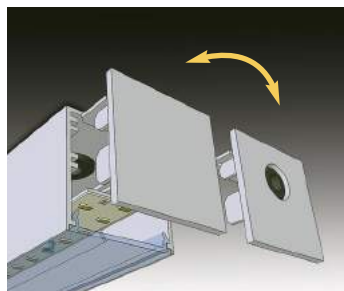
- T8 LED Tubes
- Wire rope suspension set
- Alternative surface treatment is possible (min.order quantity 100pcs)
- T8 LED žiarivky
- zavesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)

## PRÍPLATKY

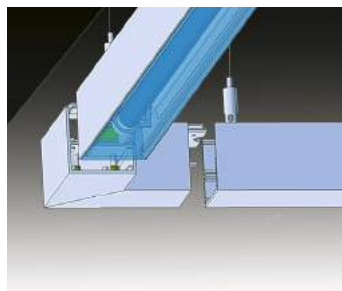
Optional Item / Príplatková položka	Order Code / Objednávaci kód
"L" Shaped corner joint/rohová spojka "L" tvaru	249-B-700-00
"T" Shaped joint / spojka "T" tvaru	249-B-700-01
"X" Shaped joint / spojka "X" tvaru	249-B-700-02
Side cable entry end cap	249-B-610-00
Čelíčko s bočnou prechodkou	249-B-610-00
Wire suspension set 1m long	249-B-701-01
Wire suspension set 2m long	249-B-701-01-01
Závesná sada 1m dlhá	249-B-701-00
Závesná sada 2m dlhá	249-B-701-01-01



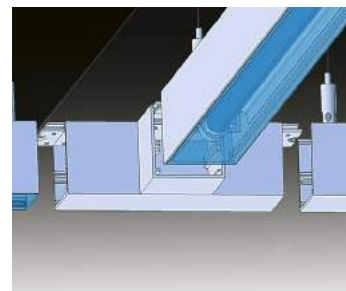
Wire suspensions set  
Závesná sada



Side cable entry end cap  
Čelíčko s bočnou prechodkou

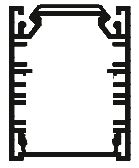


L shaped corner joint  
Rohová spojka L tvaru



T shaped corner joint  
Rohová spojka T tvaru

CEILING / SUSPENDED MOUNTING LED FIXTURE  
**AVANTIS-APD2 T8-LED**



**AVANTIS-APD2 LED T8 ready**

Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
AVANTIS-APD2 T8-LED/600mm	655x 70 x 90 mm	230V AC	1x LED T8 600mm (not included)	249-B-600-01-00	1,5 kg
AVANTIS-APD2 T8-LED/1200mm	1265 x 70 x 90 mm	230V AC	1x LED T8 1200mm (not included)	249-B-601-01-00	3,0 kg
AVANTIS-APD2 T8-LED/1500mm	1565 x 70 x 90 mm	230V AC	1x LED T8 1500mm (not included)	249-B-602-01-00	3,5 kg
AVANTIS-APD2 T8-LED/2x1200mm	2495 x 70 x 90 mm	230V AC	2x LED T8 1200mm (not included)	249-B-603-01-00	6,0 kg
AVANTIS-APD2 T8-LED/2x1500mm	3095 x 70 x 90 mm	230V AC	2x LED T8 1500mm (not included)	249-B-604-01-00	7,0 kg



CEILING / SUSPENDED MOUNTING LED FIXTURE  
**AVANTIS-APD2 T8-LED**





CEILING / SUSPENDED MOUNTING LED FIXTURE  
AVANTIS-APD2 T8-LED







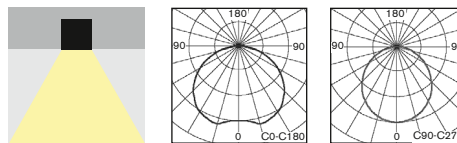


CEILING or RECESSED FIXTURE  
AVANTIS

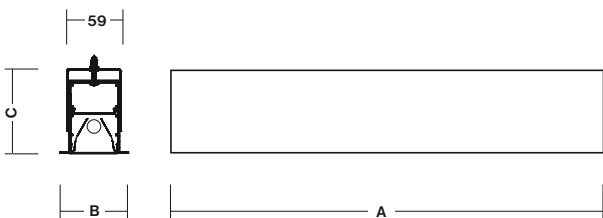




# AVANTIS-CD2 T8-LED



- Exquisite recessed mounted lighting fixture for powerful and energy saving direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Ready for LED T8 tubes (LED tube not included, must be ordered as separate item)
- It is possible to connect the fixtures to the line ("inline" assembly)
- Modern high quality materials:
  - body made of anodised extruded aluminum profile
  - "opal" milky polycarbonate diffuser
- elegantné LED svetidlo určené pre zapustenú montáž do stropu, možné spájať do línie
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- dostupné aj vo verzii pre pre LED T8 trubice (nie je súčasťou svetidla, nutné objednať samostatne)
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil
  - difúzor: polykarbonát



**Recessed mounting hole size**  
**Length x Width = (total module length -15mm) x 68mm**  
 Required height of false ceiling is min120mm

**Rozmer montážneho otvoru**  
**(DxŠ)= (celková dĺžka modulov -15mm) x 68mm**  
 Min.požadovaná svetlá výška nad sádkartónovým stropom je min.120mm

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Recessed mounting accessories
- Equipped with inner "inline" installation wiring
- "Inline" mounting fixation joint
- príslušenstvo pre montáž do stropu
- priebežná vnútorná kabeláž pre montáž do línie
- spojka pre aretáciu svetiel pri montáži do línie

## OPTIONS

## PRÍPLATKY

- T8 LED Tubes
- Alternative surface treatment is possible (min.order quantity 50pcs)
- T8 LED trubice
- povrchová úprava svetidla podľa špecifikácie v RAL (min. 50ks)



## AVANTIS-CD2 LED T8 Ready

Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
AVANTIS-CD2 T8-LED/600mm	673 x 80 x 86 mm	230V AC	1x LED T8 600mm (not included)	249-B-900-01-00	1,5 kg
AVANTIS-CD2 T8-LED/1200mm	1283 x 80 x 86 mm	230V AC	1x LED T8 1200mm (not included)	249-B-901-01-00	2,5 kg
AVANTIS-CD2 T8-LED/1500mm	1583 x 80 x 86 mm	230V AC	1x LED T8 1500mm (not included)	249-B-902-01-00	3,0 kg
AVANTIS-CD2 T8-LED/2x1200mm	2513 x 80 x 86 mm	230V AC	2x LED T8 1200mm (not included)	249-B-903-01-00	5,0 kg
AVANTIS-CD2 T8-LED/2x1500mm	3113 x 80 x 86 mm	230V AC	2x LED T8 1500mm (not included)	249-B-904-01-00	6,0 kg

RECESSED MOUNTING FIXTURE  
AVANTIS-CD2 T8-LED





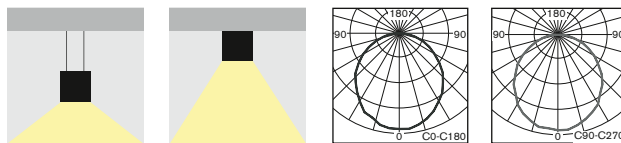
CEILING / SUSPENDED MOUNTING FIXTURE  
**TALENTLUX T8-LED**



TALENTLUX-A (equipped with optional suspension / vybavené závesnou sadou)



TALENTLUX-A (surface mounted / prisadená montáž)

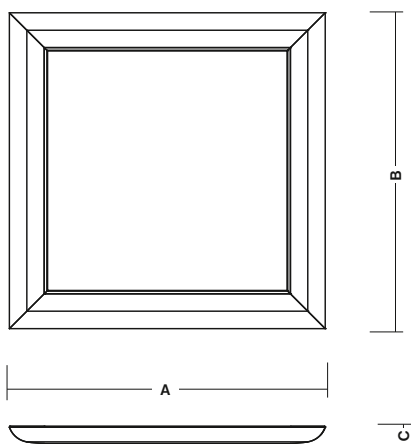


- Exquisite design suspended (optional wire rope suspension set must be ordered) or surface mounted lighting fixture for powerful and energy saving direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Ready for LED T8 tubes (LED tube is not included, must be ordered as separate item)
- Modern high quality materials:
  - body made of pure extruded aluminum profile painted in RAL9003
  - diffuser made of semi-opal "milky" white polycarbonate
- elegantné výkonné LED stropné alebo závesné (voľiteľná závesná sada musí byť objednaná samostatne)
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- pripravené pre pre LED T8 trubice (trubica nie je súčasťou svietidla, je potrebné objednať samostatne)
- vysokokvalitné materiály:
  - teleso: extrúdaný AL profil v bielej farbe RAL9003
  - difúzor: opáľový polykarbonát

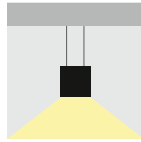
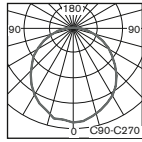
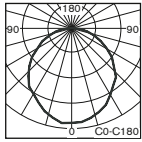
**OPTIONS** **PRÍPLATKY**

- T8 LED Tubes
- Fixtures size for an alternative LED tube (for example T5, min.order quantity 50pcs)
- Wire rope suspension set
- Alternative surface treatment is possible (min.order quantity 50pcs)
- T8 LED žiarivky
- veľkosť svietidla pre alternatívne LED trubice (napr T5, min 50ks)
- závesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 50ks)

Optional Item / Príplatková položka	Order Code / Objednávací kód
Suspension set 1m / Závesná sada 1m	320-B-000-15-72
Suspension set 2m / Závesná sada 2m	320-B-000-15-82



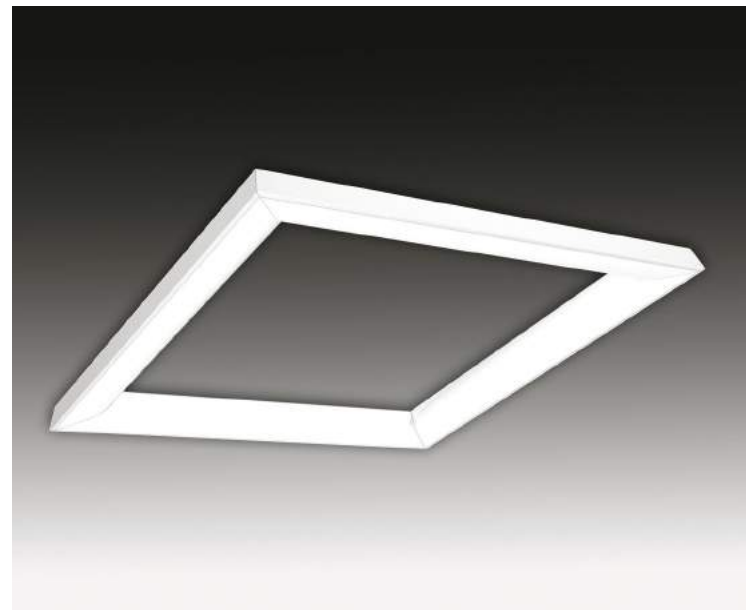
Wire suspensions set  
 Závesná sada



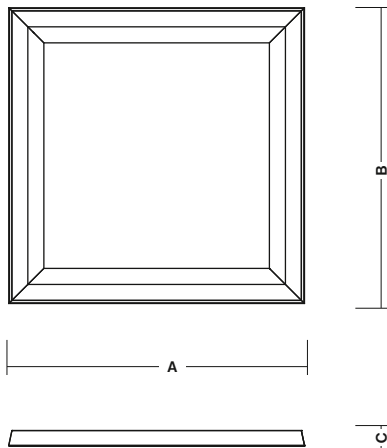
# CEILING / SUSPENDED MOUNTING FIXTURE TALENTLUX T8-LED



TALENTLUX-B (equipped with optional suspension / vybavené závesnou sadou)



TALENTLUX-B (surface mounted / prisadená montáž)



## TALENTLUX-A LED T8 ready

Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
TALENTLUX-A T8-LED/4x600mm	780 x 780 x 70 mm	230V AC	4x LED T8 600mm (not included)	336-B-01-01-00	7,5 kg
TALENTLUX-A T8-LED/4x1200mm	1390 x 1390 x 70 mm	230V AC	4x LED T8 1200mm (not included)	336-B-02-01-00	13,5 kg
TALENTLUX-A T8-LED/8x1200mm	2560 x 2560 x 70 mm	230V AC	8x LED T8 1200mm (not included)	336-B-03-01-00	22,5 kg

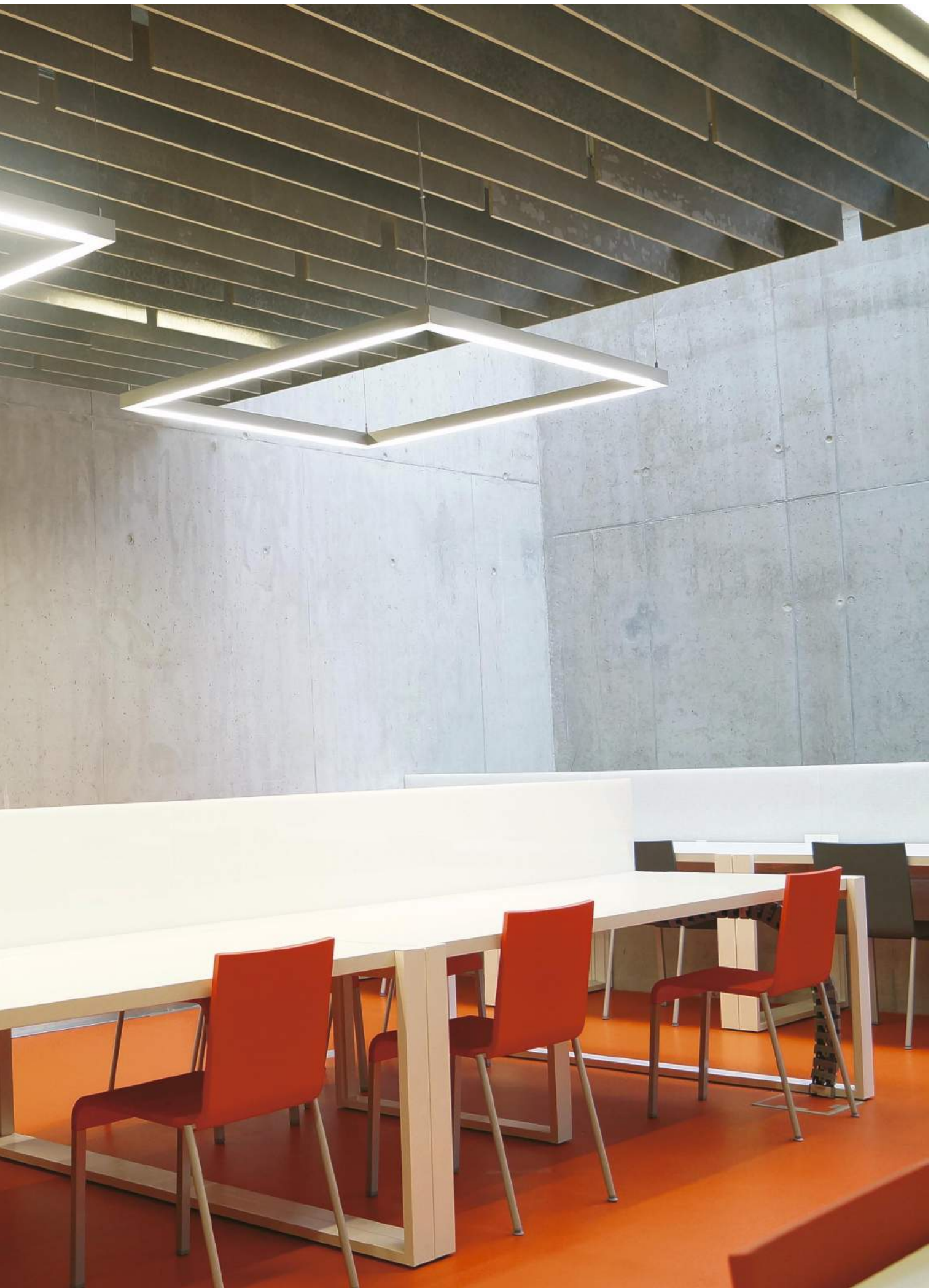
## TALENTLUX-B LED T8 ready

Type / Typ	A x B x C mm	Power	Light Source	Order Code	Weight
TALENTLUX-B T8-LED/4x600mm	740 x 740 x 70 mm	230V AC	4x LED T8 600mm (not included)	336-B-04-01-00	7,0 kg
TALENTLUX-B T8-LED/6x1200mm	1350 x 1350 x 70 mm	230V AC	4x LED T8 1200mm (not included)	336-B-05-01-00	13,0 kg
TALENTLUX-B T8-LED/8x1200mm	2510 x 2510 x 70 mm	230V AC	8x LED T8 1200mm (not included)	336-B-06-01-00	22,0 kg



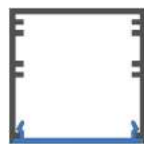
SUSPENDED MOUNTING LED FIXTURE  
WEGA-FRAME2



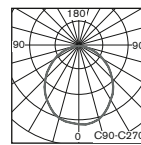
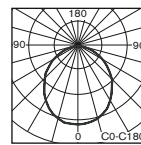
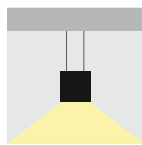




# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-CA



Section Drawing  
Rez svietidlom



WEGA-FRAME2-CA (Anodised AL)



WEGA-FRAME2-CA (RAL9003)



WEGA-FRAME2-CA (RAL9005)

- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svietidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

## OPTIONS

## PRÍPLATKY

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83



Wire rope suspension kit  
(Optional Accessories)

Závesná sada  
(príplatková výbava)



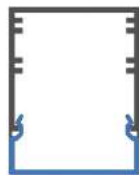
### WEGA-FRAME2-CA

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-CA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-00	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-01	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 3000K / 4480lm	typ 82	321-B-101-01-02	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-00	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-01	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 4000K / 4480lm	typ 82	321-B-102-01-02	4,2 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-00	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-01	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 3000K / 6720lm	typ 82	321-B-105-01-02	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-00	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-01	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 4000K / 6720lm	typ 82	321-B-106-01-02	5,8 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-00	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-01	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 3000K / 9600lm	typ 82	321-B-109-01-02	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-00	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-01	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 4000K / 9600lm	typ 82	321-B-110-01-02	7,4 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-00	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-01	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 3000K / 12000lm	typ 82	321-B-113-01-02	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-00	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-01	9,0 kg
WEGA-FRAME2-CA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 4000K / 12000lm	typ 82	321-B-114-01-02	9,0 kg

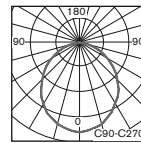
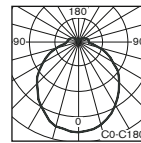
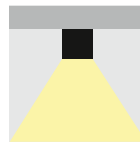
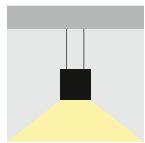
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-CB



Section Drawing  
Rez svietidlom



WEGA-FRAME2-CB (Anodised AL)



WEGA-FRAME2-CB (RAL9003)



WEGA-FRAME2-CB (RAL9005)

- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svietidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

## OPTIONS

## PRÍPLATKY

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

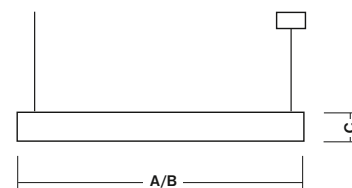
Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83



Wire rope suspension kit  
(Optional Accessories)

Závesná sada  
(príplatková výbava)

CEILING / SUSPENDED MOUNTING LED FIXTURE  
**WEGA-FRAME2-CB**



**WEGA-FRAME2-CB**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-CB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-00	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	White / biela RAL9003	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-01	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Black / čierna RAL9005	607x607x65 mm	LED 3000K / 4480lm	typ 82	321-B-103-01-02	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-00	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	White / biela RAL9003	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-01	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 32W	Black / čierna RAL9005	607x607x65 mm	LED 4000K / 4480lm	typ 82	321-B-104-01-02	4,4 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-00	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	White / biela RAL9003	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-01	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Black / čierna RAL9005	886x886x65 mm	LED 3000K / 6720lm	typ 82	321-B-107-01-02	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-00	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	White / biela RAL9003	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-01	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 50W	Black / čierna RAL9005	886x886x65 mm	LED 4000K / 6720lm	typ 82	321-B-108-01-02	6,0 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-00	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	White / biela RAL9003	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-01	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x65 mm	LED 3000K / 9600lm	typ 82	321-B-111-01-02	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-00	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	White / biela RAL9003	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-01	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x65 mm	LED 4000K / 9600lm	typ 82	321-B-112-01-02	7,6 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-00	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	White / biela RAL9003	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-01	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x65 mm	LED 3000K / 12000lm	typ 82	321-B-115-01-02	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-00	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	White / biela RAL9003	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-01	9,2 kg
WEGA-FRAME2-CB-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x65 mm	LED 4000K / 12000lm	typ 82	321-B-116-01-02	9,2 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



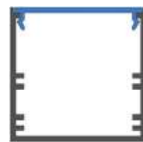
SUSPENDED MOUNTING LED FIXTURE  
WEGA-FRAME2



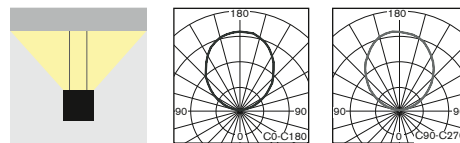




# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-AA



Section Drawing  
Rez svietidla



WEGA-FRAME2-AA (Anodised AL)

Available also in following colours:

- white matt RAL9003
- black matt RAL9005

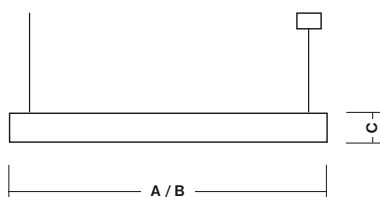
- Exquisite slim design suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle závesné svietidlo s kombináciou príjemného a komfortného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opalový "mliečny" polykarbonátový profil



## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension kit 1m long
- **MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM**
- pripravené pre stmievanie DALI
- závesná lanková sada 1m dlhá
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM



Wire rope suspension kit 1m long  
Lanková závesná sada 1m dlhá  
(standard item / vo výbave)

## OPTIONS

## PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- dĺžka závesnej lankovej sady podľa špecifikácie
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

CEILING / SUSPENDED MOUNTING LED FIXTURE  
**WEGA-FRAME2-AA**



**WEGA-FRAME2-AA**

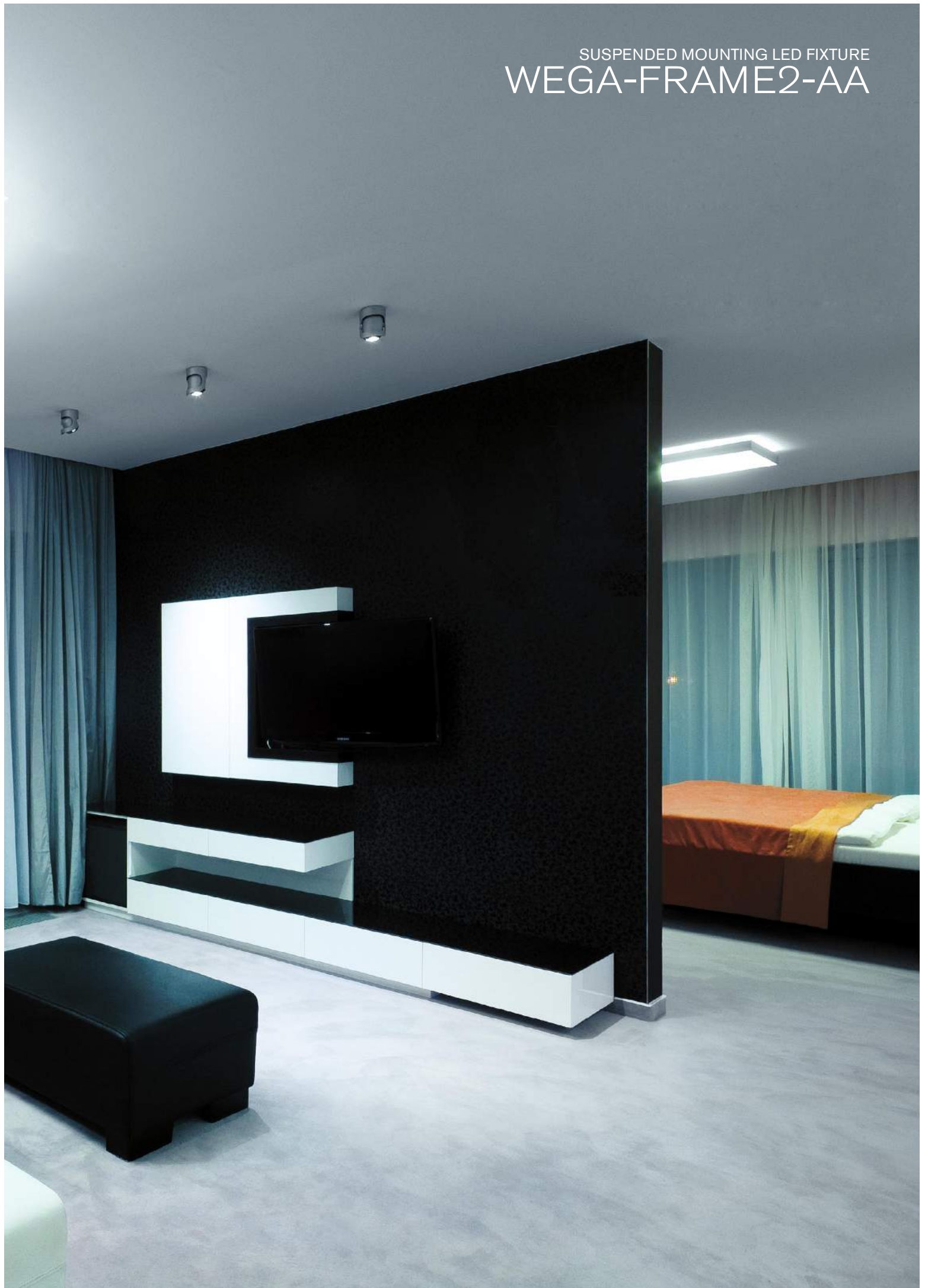
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-AA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-00	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-01	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 3000K / 4360lm	typ 82	321-B-001-01-02	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-00	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	White / biela RAL9003	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-01	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 32W	Black / čierna RAL9005	607x607x50 mm	LED 4000K / 4360lm	typ 82	321-B-002-01-02	4,5 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-00	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-01	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 3000K / 6540lm	typ 82	321-B-003-01-02	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-00	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	White / biela RAL9003	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-01	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 50W	Black / čierna RAL9005	886x886x50 mm	LED 4000K / 6540lm	typ 82	321-B-004-01-02	5,0 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-00	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-01	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 3000K / 9440lm	typ 82	321-B-005-01-02	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-00	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	White / biela RAL9003	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-01	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 72W	Black / čierna RAL9005	1165x1165x50 mm	LED 4000K / 9440lm	typ 82	321-B-006-01-02	5,5 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-00	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-01	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 3000K / 11800lm	typ 82	321-B-007-01-02	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-00	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	White / biela RAL9003	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-01	6,0 kg
WEGA-FRAME2-AA-DIM-DALI 90W	Black / čierna RAL9005	1444x1444x50 mm	LED 4000K / 11800lm	typ 82	321-B-008-01-02	6,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)





SUSPENDED MOUNTING LED FIXTURE  
WEGA-FRAME2-AA





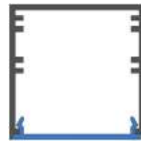




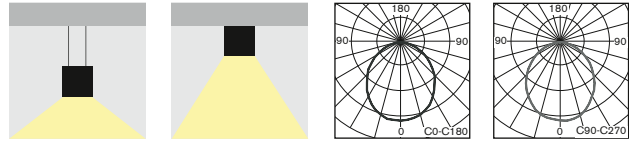




# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-DA



Section Drawing  
Rez svietidlom



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostante) svietidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníka, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil



WEGA-FRAME2-DA (Anodised AL)



WEGA-FRAME2-DA (RAL9003)

## STANDARD FEATURES

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

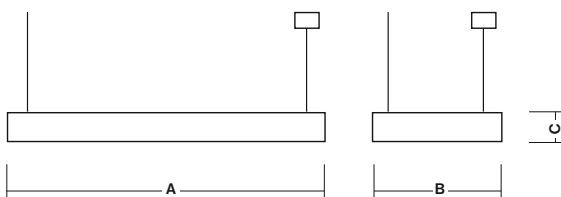
## ŠTANDARDNÁ VÝBAVA

## OPTIONS

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

## PRÍPLATKY

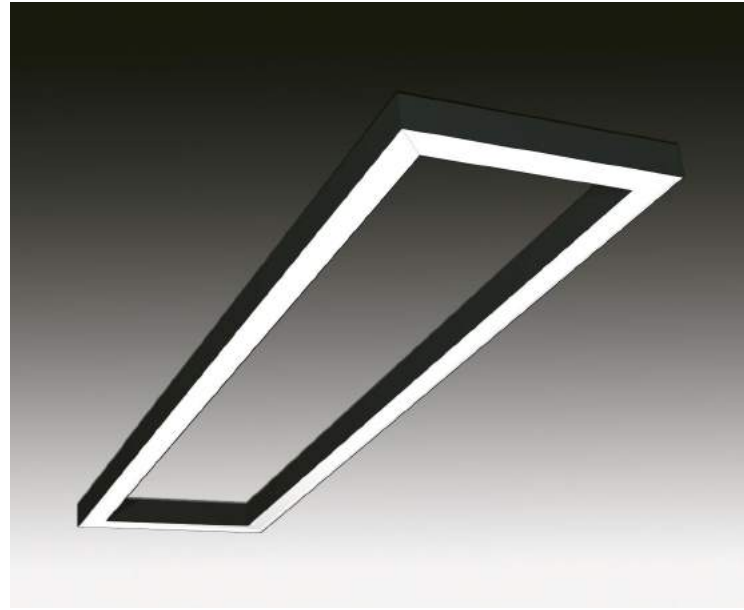
Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83



Wire rope suspension kit  
(Optional Accessories)

Závesná sada  
(príplatková výbava)

CEILING / SUSPENDED MOUNTING LED FIXTURE  
**WEGA-FRAME2-DA**



WEGA-FRAME2-DA (RAL9005)

<b>WEGA-FRAME2-DA</b>						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-DA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-00	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-01	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 3000K / 4260lm	typ 82	322-B-101-01-02	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-00	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-01	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 4000K / 4260lm	typ 82	322-B-102-01-02	4,2 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-00	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-01	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 3000K / 6640lm	typ 82	322-B-105-01-02	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-00	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-01	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 4000K / 6640lm	typ 82	322-B-106-01-02	5,8 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-00	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-01	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 3000K / 9500lm	typ 82	322-B-109-01-02	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-00	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-01	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 4000K / 9500lm	typ 82	322-B-110-01-02	7,4 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-00	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-01	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 3000K / 11800lm	typ 82	322-B-113-01-02	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-00	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-01	9,0 kg
WEGA-FRAME2-DA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 4000K / 11800lm	typ 82	322-B-114-01-02	9,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



SUSPENDED MOUNTING LED FIXTURE  
WEGA-FRAME2-DA









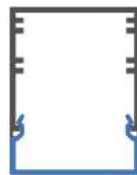
# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-DB



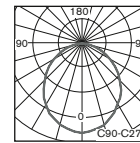
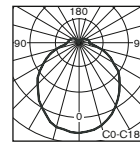
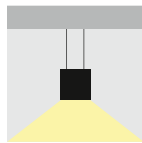
WEGA-FRAME2-DB (Anodised AL)



WEGA-FRAME2-DB (RAL9003)



Section Drawing  
Rez svietidlom



- Exquisite slim design ceiling or suspended (wire suspension kit is needed to be ordered) lighting fixture for smooth and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser in "U" shape
- elegantné štíhle stropné alebo závesné (závesná sada musí byť objednaná samostatne) svietidlo s kombináciou príjemného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníka, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil v tvare "U"

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM

## OPTIONS

## PRÍPLATKY

- Wire rope suspension kit
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- závesná lanková sada
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

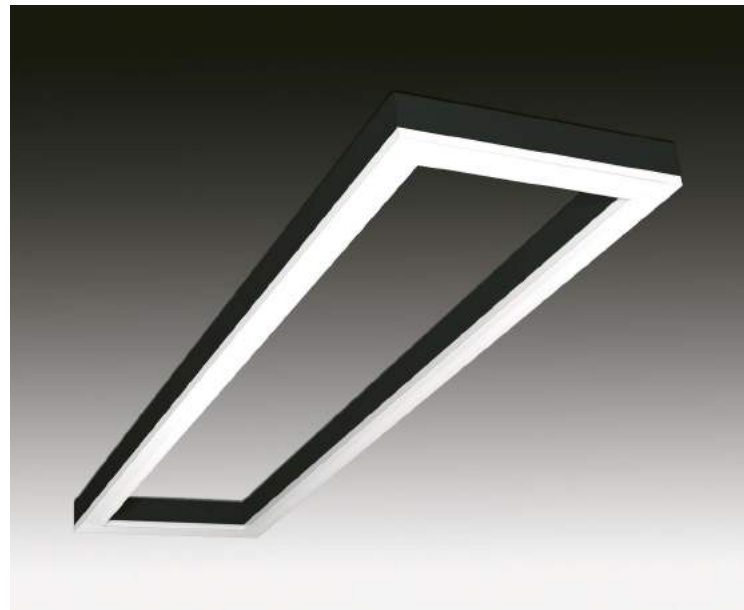
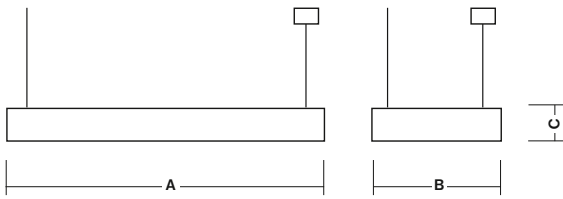
Optional Item / Príplatková položka	Order Code / Objednávaci kód
AL Anodised Suspension set 1m / Závesná sada 1m	320-B-000-15-71
RAL9003 Suspension set 1m / Závesná sada 1m	320-B-000-15-72
RAL9005 Suspension set 1m / Závesná sada 1m	320-B-000-15-73
AL Anodised Suspension set 2m / Závesná sada 2m	320-B-000-15-81
RAL9003 Suspension set 2m / Závesná sada 2m	320-B-000-15-82
RAL9005 Suspension set 2m / Závesná sada 2m	320-B-000-15-83



Wire rope suspension kit  
(Optional Accessories)

Závesná sada  
(príplatková výbava)

# CEILING / SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-DB



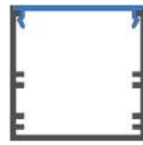
WEGA-FRAME2-DB (RAL9005)

WEGA-FRAME2-DB						
Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-DB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x65 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-00	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	White / biela RAL9003	607x330x65 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-01	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Black / čierna RAL9005	607x330x65 mm	LED 3000K / 4260lm	typ 82	322-B-103-01-02	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x65 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-00	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	White / biela RAL9003	607x330x65 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-01	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 32W	Black / čierna RAL9005	607x330x65 mm	LED 4000K / 4260lm	typ 82	322-B-104-01-02	4,2 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x65 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-00	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	White / biela RAL9003	886x330x65 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-01	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Black / čierna RAL9005	886x330x65 mm	LED 3000K / 6640lm	typ 82	322-B-107-01-02	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x65 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-00	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	White / biela RAL9003	886x330x65 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-01	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 50W	Black / čierna RAL9005	886x330x65 mm	LED 4000K / 6640lm	typ 82	322-B-108-01-02	5,8 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x65 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-00	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	White / biela RAL9003	1165x330x65 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-01	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Black / čierna RAL9005	1165x330x65 mm	LED 3000K / 9500lm	typ 82	322-B-111-01-02	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x65 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-00	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	White / biela RAL9003	1165x330x65 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-01	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 72W	Black / čierna RAL9005	1165x330x65 mm	LED 4000K / 9500lm	typ 82	322-B-112-01-02	7,4 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x65 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-00	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	White / biela RAL9003	1444x330x65 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-01	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Black / čierna RAL9005	1444x330x65 mm	LED 3000K / 11800lm	typ 82	322-B-115-01-02	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x65 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-00	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	White / biela RAL9003	1444x330x65 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-01	9,0 kg
WEGA-FRAME2-DB-DIM-DALI 90W	Black / čierna RAL9005	1444x330x65 mm	LED 4000K / 11800lm	typ 82	322-B-116-01-02	9,0 kg

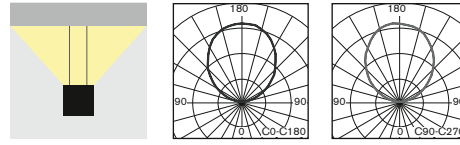
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# SUSPENDED MOUNTING LED FIXTURE WEGA-FRAME2-BA



Section Drawing  
Rez svietidlom



- Exquisite slim design suspended lighting fixture for smooth and comfortable only indirect illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure aluminum profile available in following surface treatments:
    - anodised AL
    - white matt RAL9003
    - black matt RAL9005
  - extruded opal "milky" polycarbonate diffuser
- elegantné štíhle závesné svietidlo s kombináciou príjemného a komfortného nepriameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: extrudovaný AL profil dostupný vo farbách:
    - eloxovaný AL
    - matná biela RAL9003
    - matná čierna RAL9005
  - difúzor: extrudovaný opálový "mliečny" polykarbonátový profil



WEGA-FRAME2-BA (Anodised AL)



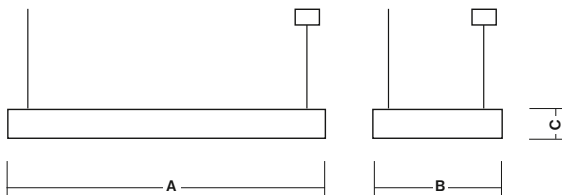
Available also in following colours:  
• white matt RAL9003  
• black matt RAL9005



## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

- Ready for DALI Dimming
- Wire rope suspension kit 1m long
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- pripravené pre stmievanie DALI
- závesná lanková sada 1m dlhá
- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM



Wire rope suspension kit 1m long  
(included in package)  
Lanková závesná sada 1m dlhá  
(štandardne vo výbave)

## OPTIONS

## PRÍPLATKY

- Alternative wire rope suspension length
- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- dĺžka závesnej lankovej sady podľa špecifikácie
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)

SUSPENDED MOUNTING LED FIXTURE  
**WEGA-FRAME2-BA**



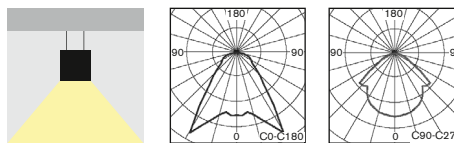
**WEGA-FRAME2-BA**

Type / Typ	Colour / Farba	A x B x C mm	LED Parameters	CRI:	Order Code	Weight
WEGA-FRAME2-BA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-00	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-01	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 3000K / 4080lm	typ 82	322-B-001-01-02	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Anodised AL / Eloxovaný AL	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-00	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	White / biela RAL9003	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-01	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 32W	Black / čierna RAL9005	607x330x50 mm	LED 4000K / 4080lm	typ 82	322-B-002-01-02	4,2 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-00	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-01	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 3000K / 6080lm	typ 82	322-B-003-01-02	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Anodised AL / Eloxovaný AL	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-00	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	White / biela RAL9003	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-01	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 50W	Black / čierna RAL9005	886x330x50 mm	LED 4000K / 6080lm	typ 82	322-B-004-01-02	5,8 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-00	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-01	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 3000K / 9000lm	typ 82	322-B-005-01-02	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Anodised AL / Eloxovaný AL	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-00	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	White / biela RAL9003	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-01	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 72W	Black / čierna RAL9005	1165x330x50 mm	LED 4000K / 9000lm	typ 82	322-B-006-01-02	7,4 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-00	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-01	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 3000K / 11160lm	typ 82	322-B-007-01-02	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Anodised AL / Eloxovaný AL	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-00	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	White / biela RAL9003	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-01	9,0 kg
WEGA-FRAME2-BA-DIM-DALI 90W	Black / čierna RAL9005	1444x330x50 mm	LED 4000K / 11160lm	typ 82	322-B-008-01-02	9,0 kg

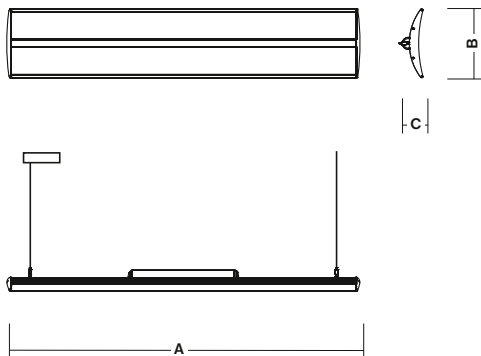
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
 LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)



# SUSPENDED MOUNTING LED FIXTURE NEOLUX



- Smart slim design suspended lighting fixture for all powerful, smooth and comfortable direct illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, workplaces, exhibitions, banks, shops, schools or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised aluminum profile
  - microprismatic diffuser made of extruded impact resistant PC
- elegantné štíhle stropné závesné svietidlo pre výkonné, príjemné a komfortné priame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, kancelárie, hotely, výstavníky, obchodné priestory, banky, školy alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný AL profil
  - difúzor: prizmatický polykarbonátový profil PC



## STANDARD FEATURES

## STANDARDNÁ VÝBAVA

- **MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM**
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord
- **MidPower LED 180lm/W typu SAMSUNG alebo OSRAM**
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1ks sieťovej prípojnej krabičky na strop
- číry prírodný elektrický kábel 0,8m dlhý

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)

## NEOLUX-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
NEOLUX LED/3000K	1382 x 270 x 82mm	90W	LED/ 3000K/ 10200 lm	typical 82	278-B-00	6,0 kg
NEOLUX LED/5000K	1382 x 270 x 82mm	90W	LED/ 5000K/ 11000 lm	typical 82	278-B-01	6,0 kg

## NEOLUX-LED DIM-DALI

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
NEOLUX-DIM-DALI LED/3000K	1382 x 270 x 82mm	90W	LED/ 3000K/ 10200 lm	typical 82	278-B-02	6,0 kg
NEOLUX-DIM-DALI LED/5000K	1382 x 270 x 82mm	90W	LED/ 5000K/ 11000 lm	typical 82	278-B-03	6,0 kg

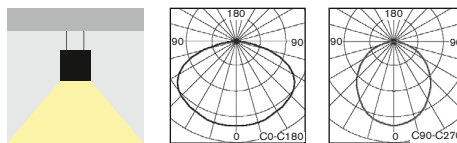
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

Workplace lighting application





# SUSPENDED MOUNTING LED FIXTURE AIROLUX



- Smart slim design suspended lighting fixture for powerful, smooth and comfortable direct illumination, equipped with powerful 3000K or 5000K LEDs
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of pure anodised extruded aluminum profile
- elegantné štíhle stropné závesné svietidlo pre výkonné, príjemné a komfortné priame osvetlenie, vybavené výkonnými LED vo farbe 3000K alebo 5000K
- vhodné pre použitie pre reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: eloxovaný extrudovaný AL profil

## STANDARD FEATURES

## ŠTANDARDNÁ VÝBAVA

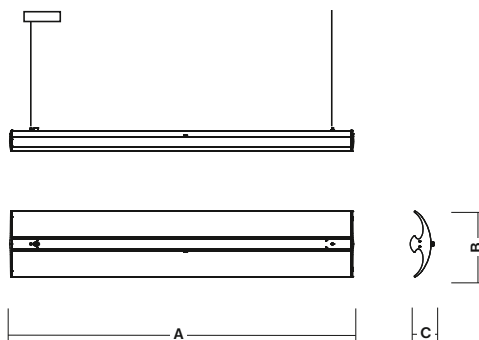
- MidPower LEDs 180lm/W made by either SAMSUNG or OSRAM
- LED electronic ballast
- 2pcs of tool-free adjustable wire holders located on the fixture body for rapid mounting and adjustment of suspension length
- 2pcs of suspension steel wire ropes 0.8m long
- 1pc of ceiling power outlets
- 0.8m long cord

- MidPower LED 180lm/W typu SAMSUNG alebo OSRAM
- vybavené elektronickým predradníkom pre LED
- 2ks nastaviteľných závesov pre nastavenie požadovanej dĺžky závesu
- 2ks závesných laniek dĺžky 0,8m
- 1 ks sieťovej prípojnej krabičky na strop
- číry prívodný elektrický kábel 0,8m dlhý

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)



## AIROLUX-LED

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
AIROLUX LED/3000K	1364 x 260 x 80mm	90W	LED/ 3000K/ 10200 lm	typical 82	281-B-00	6,0 kg
AIROLUX LED/5000K	1364 x 260 x 80mm	90W	LED/ 5000K/ 11000 lm	typical 82	281-B-01	6,0 kg

## AIROLUX-LED DIM-DALI

Type / Typ	A x B x C mm	Input Power	LED parameters	CRI	Order Code	Weight
AIROLUX-DIM-DALI LED/3000K	1364 x 260 x 80mm	90W	LED/ 3000K/ 10200 lm	typical 82	281-B-02	6,0 kg
AIROLUX-DIM-DALI LED/5000K	1364 x 260 x 80mm	90W	LED/ 5000K/ 11000 lm	typical 82	281-B-03	6,0 kg

All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

Shopping area application





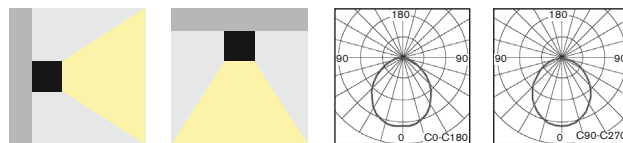
WALL / CEILING MOUNTING FIXTURE  
MODULUX-A







# WALL / CEILING MOUNTING FIXTURE MODULUX-A



- Exquisite design wall or ceiling mounted lighting fixture for smooth, powerful and comfortable direct illumination
- Suitable for all representative areas, especially for offices, hotels, shops, exhibitions, banks or even modern residential areas
- Modern high quality materials:
  - body made of steel sheet painted in RAL9006
  - diffuser made of opal "milky" colour acrylic
- elegantné nástenné alebo stropné svietidlo s kombináciou príjemného, výkonného a komfortného priameho osvetlenia
- vhodné pre použitie pre moderné reprezentačné interiéry, hotely, výstavníky, banky, obchodné priestory, alebo aj pre moderné obytné priestory
- vysokokvalitné materiály:
  - teleso: lakovaný oceľový plech RAL9006
  - difúzor: opáľový PMMA

## STANDARD FEATURES

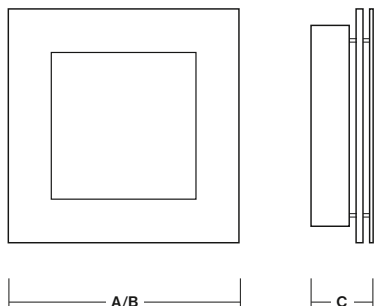
## ŠTANDARDNÁ VÝBAVA

- High Power LEDs 180lm/W made by either OSRAM or LUMILEDS (not for 2x9W compact fluorescent tube version)
- **Emergency lighting units** (valid only for all MULTIMODULUX versions)
- Motion sensor (valid only for all -PIR versions)
- High-Power LED 180lm/W typu OSRAM alebo LUMILEDS (neplatí pre 2x9W verziu)
- **vybavené modulom núdzového osvetlenia** (platí pre MULTIMODULUX verzie)
- vybavené pohybovým senzorom (platí len pre all -PIR verzie)

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 100pcs)
- Alternative LED light colour is possible (min.order quantity 100pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 100ks)
- alternatívna farba LED svetla podľa špecifikácie (min. 100ks)



## MODULUX-A-EP 2x9W

Type / Typ	A x B x C mm	Input Power:	Fluorescent tube / Socket	Ballast Type / Typ predradníka	Order Code	Weight
MODULUX-A-EP 2x9W	250 x 250 x 66 mm	25W	2x9W / 2G7	Electronic Ballast / EVG	94-B-11	1,0 kg

## MODULUX-A-LED

Type / Typ	A x B x C mm	Input Power:	LED	Ballast Type / Typ predradníka	Order Code	Weight
MODULUX-A 16xLED/3000K	320 x 320 x 80 mm	30W	16xLED/3000K/2200lm	Electronic Ballast / EVG	94-B-200	2,7 kg
MODULUX-A 16xLED/5000K	320 x 320 x 80 mm	30W	16xLED/5000K/2200lm	Electronic Ballast / EVG	94-B-188	2,7 kg
MODULUX-A 25xLED/3000K	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	Electronic Ballast / EVG	94-B-204	3,5 kg
MODULUX-A 25xLED/6000K	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	Electronic Ballast / EVG	94-B-205	3,5 kg
MODULUX-A-PIR 25xLED/3000K	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	Electronic Ballast / EVG	94-B-206	3,6 kg
MODULUX-A-PIR 25xLED/6000K	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	Electronic Ballast / EVG	94-B-207	3,6 kg



## MULTIMODULUX-A-LED (Emergency Unit Included)

Type / Typ	A x B x C mm	Input Power:	LED	Ballast Type / Typ predradníka	Order Code	Weight
MULTIMODULUX-A 25xLED/3000K/1h	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-210	3,8 kg
MULTIMODULUX-A 25xLED/6000K/1h	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-211	3,8 kg
MULTIMODULUX-A-PIR 25xLED/3000K/1h	400 x 400 x 70 mm	80W	25xLED/3000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-208	3,9 kg
MULTIMODULUX-A-PIR 25xLED/6000K/1h	400 x 400 x 70 mm	80W	25xLED/6000K/6200lm	EVG+Emergency 5xLED/1h/366lm	94-B-209	3,9 kg

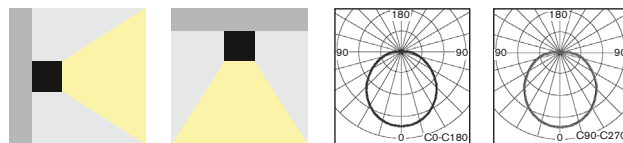
All LED parameters are describing the light source lm output. For the lighting calculation please use LDT file available on [www.sec.sk](http://www.sec.sk)  
LED parametre sú platné pre LED svetelné zdroje samotné. Pre svetelno-technický výpočet použite LDT súbor na [www.sec.sk](http://www.sec.sk)

WALL / CEILING MOUNTING FIXTURE  
**MODULUX-A**





## RADIUS



- Round shaped wall or ceiling mounted lighting fixture for smooth, powerful and energy saving direct illumination equipped with HighPower LEDs
- Suitable for all corridors, staircase, shops, outdoor areas,... available also with motion PIR sensor
- **Emergency lighting version available in the same design - type MULTIHILL** (for more detailed information please refer to page No. 204)
- Body made of polycarbonate
- elegantné nástenné alebo stropné svietidlo s kombináciou príjemného, výkonného a úsporného priameho osvetlenia, vybavené HighPower LEDs
- **svietidlo sa vyrába aj ako núdzové v rovnakom dizajne - typ MULTIHILL** (pre detailnejšie informácie pozri aj str.204)
- vhodné pre použitie pre chodby, režičné miestnosti, schodiská, prístrešky,... aj vo verzii s pohybovým senzorom
- teleso: polykarbonát PC

## STANDARD ACCESSORIES

## ŠTANDARDNÁ VÝBAVA

- High Power LEDs 120-180lm/W made by either OSRAM or LUMILEDS
- LED electronic ballast
- version E27 is ready for LED bulb (not included in package)
- PIR motion sensor for E27 version
- High-Power LED 120-150m/W typu OSRAM or LUMILEDS
- vybavené elektronickým predradníkom pre LED
- verzia E27 je určená pre LED žiarovky s E27 závitom
- PIR pohybový senzor pre verziu E27

## OPTIONS

## PRÍPLATKY

- Alternative LED light colour is possible (min.order quantity 100pcs)
- Alternative E14 socket
- alternatívna LED farba svetla podľa špecifikácie (min. 100ks)
- alternatívna päťka E14



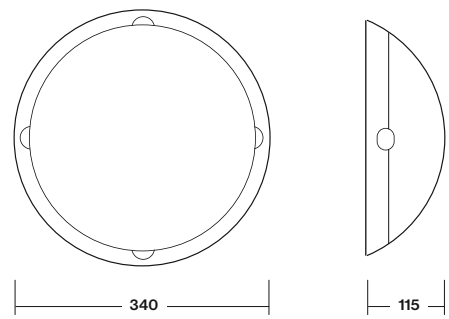
## RADIUS

Type / Typ	A x B x C mm	Power:	Light Source	Ballast Type / Typ predradníka	Order Code	Weight
RADIUS 5xLED/3000K	340 x 115 mm	230V AC/DC	5x3W LED/3000K	Electronic Ballast / EVG	45-B-13	1,0 kg
RADIUS 5xLED/6000K	340 x 115 mm	230V AC/DC	5x3W LED/6000K	Electronic Ballast / EVG	45-B-14	1,0 kg
RADIUS 10xLED/3000K	340 x 115 mm	230V AC/DC	10x3W LED/3000K	Electronic Ballast / EVG	45-B-15	1,01 kg
RADIUS 10xLED/6000K	340 x 115 mm	230V AC/DC	10x3W LED/6000K	Electronic Ballast / EVG	45-B-12	1,1 kg
RADIUS E27/ ready for LED Bulb	340 x 115 mm	230V AC	E27 / ready for LED	-	45-B-10	0,6 kg
RADIUS E27/ ready for LED Bulb +PIR	340 x 115 mm	230V AC	E27 / ready for LED	-	45-B-16	0,7 kg
RADIUS 7xLED/3500K	340 x 115 mm	110V DC	7x3W LED/3500K	Electronic Ballast / EVG	261-B-13-01	1,0 kg

## MULTIHILL-AT (Emergency Unit Included)

Type	Version	Duration	Light Source	Light Flux / Emergency mode	Battery	Order Code	Weight
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 6000K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-01	1,7 kg
MULTIHILL-LED-AT.1h	NM/M	1h	5x HighPower LED 3500K	690 lm / 600 lm	NiMh 4,8V/4,0Ah	261-B-07-03	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 6000K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-12-01	1,7 kg
MULTIHILL-LED-AT.3h	NM/M	3h	5x HighPower LED 3500K	720 lm / 465 lm	NiMh 4,8V/4,0Ah	261-B-12-02	1,7 kg

WALL / CEILING MOUNTING FIXTURE  
**RADIUS**

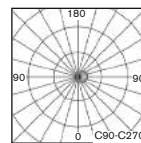
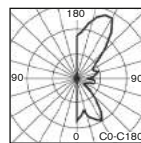
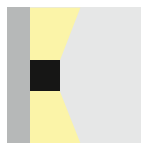




# WALL MOUNTING FIXTURE SOLIDLUX



"Gold" / "zlatá"



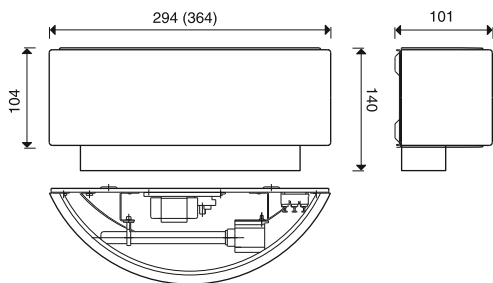
- Exquisite wall mounting lighting fixture SOLIDLUX for modern interiors of present days such as offices, banks, appartments and even churches
- Modern high quality material, unique colour combination
- Metal Body with surface treatment
- Available in two shape versions:
  - A: front shield with a rift
  - B: full front shield
- Available in two sizes:
  - S1: size 294x140x101mm
  - S2: size 364x140x101mm
- Available in four surface treatments:
  - RAL9003 white matt
  - Gold
  - Silver
  - Light Granit (resambling granit stone structure)

- elegantné nástenné svietidlo SOLIDLUX pre moderné interiéry súčasnosti ako banky, úrady, byty, ale aj kostoly a pod.
- vysokokvalitné materiály v príjemnej farebnej kombinácii
- kovové teleso povrchovo upravené
- dve tvarové verzie:
  - A: s priezorom v tienidle,
  - B: plné tienidlo, bez priezoru
- dve veľkosti:
  - S1: size 294x140x101mm
  - S2: size 364x140x101mm
- štyri varianty povrchovej úpravy:
  - biela matná RAL9003
  - zlatá
  - strieborná
  - svetlý granit, štruktúrovaná, matná (imitácia kameňa granit)



Silver / Strieborná

RAL9003



Values in the bracket are valid for S2 Size  
Hodnoty v zátvorke sú platné pre veľkosť S2

## Shape Code / Kód tvaru:

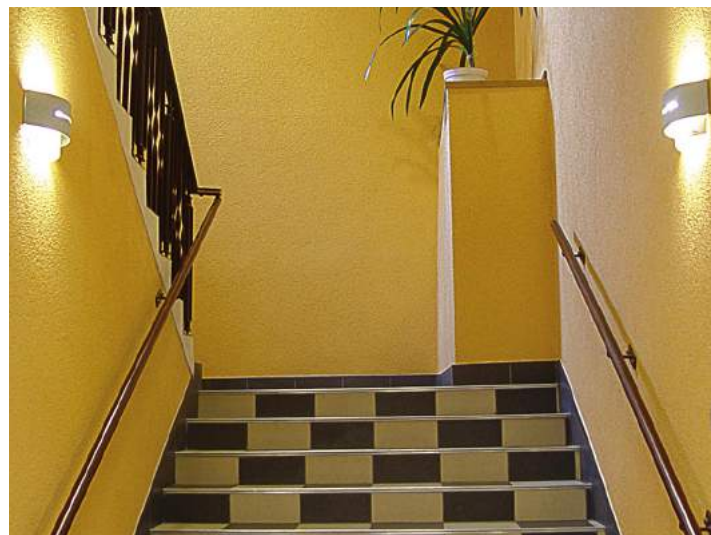


Granit Surface Treatment

## OPTIONS

## PRÍPLATKY

- Alternative surface treatment is possible (min.order quantity 30pcs)
- povrchová úprava svietidla podľa špecifikácie v RAL (min. 30ks)



# WALL MOUNTING FIXTURE SOLIDLUX



## SOLIDLUX-A-S1

Type / Typ	Colour / Farba	A x B x C mm	Input Power	Light Source / Svetelný zdroj	Order Code	Weight
SOLIDLUX-A-S1 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-201-01-00	0,6 kg
SOLIDLUX-A-S1 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-201-02-00	0,6 kg
SOLIDLUX-A-S1 E27	Silver / strieborná	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-201-03-00	0,6 kg

## SOLIDLUX-B-S1

Type / Typ	Colour / Farba	A x B x C mm	Input Power	Light Source / Svetelný zdroj	Order Code	Weight
SOLIDLUX-B-S1 E27	White / Biela RAL9003	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-203-01-00	0,6 kg
SOLIDLUX-B-S1 E27	Gold / zlatá	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-203-02-00	0,6 kg
SOLIDLUX-B-S1 E27	Silver / strieborná	294x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-203-03-00	0,6 kg

## SOLIDLUX-A-S2

Type / Typ	Colour / Farba	A x B x C mm	Input Power	Light Source / Svetelný zdroj	Order Code	Weight
SOLIDLUX-A-S2 E27	White / Biela RAL9003	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-205-01-00	1,0 kg
SOLIDLUX-A-S2 E27	Gold / zlatá	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-205-02-00	1,0 kg
SOLIDLUX-A-S2 E27	Silver / strieborná	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-205-03-00	1,0 kg

## SOLIDLUX-B-S2

Type / Typ	Colour / Farba	A x B x C mm	Input Power	Light Source / Svetelný zdroj	Order Code	Weight
SOLIDLUX-B-S2 E27	White / Biela RAL9003	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-207-01-00	1,0 kg
SOLIDLUX-B-S2 E27	Gold / zlatá	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-207-02-00	1,0 kg
SOLIDLUX-B-S2 E27	Light granit / svetlý granit	364x140x101mm	max 60W	E27 ready for LED bulb / pre LED/E27	23-B-207-03-00	1,0 kg



# AL PROFILES & PC DIFFUSERS

• SEC offers you wide assortment of components you can use for your customised lighting fixtures.

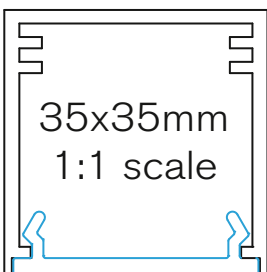
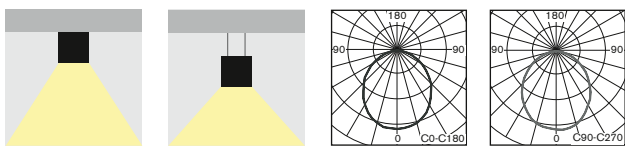
• It includes all:

- AL profiles
  - either anodised surface
  - or no surface treatment intended for painting
- PC polycarbonate diffusers
- End-Caps
- Wire rope suspension kits
- Electrical cord (transparent)

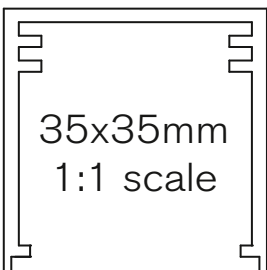
• SEC ponúka hliníkové profily a polykarbonátové difúzory ako polotovary, ktoré je určený pre zákaznícky dizajn vašich svietidiel.

• Ponuka zahŕňa:

- AL hliníkové profily:
  - s eloxovaným povrchom
  - bez povrchovej úpravy, určené pre lakovanie
- PC polykarbonátové difúzory
- koncové čelička
- zavesné sady
- napajací vodič (prehľadný)



- AL Profile + PC Diffuser Assembly
- Zostava AL profilu a polykarbonátového difúzera



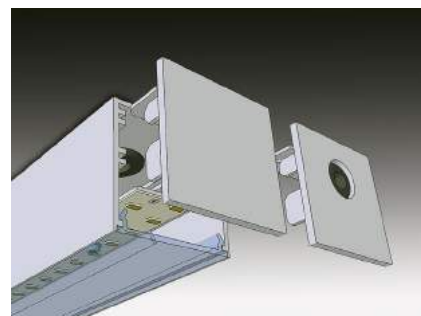
- AL Profile (single bar length 5960mm)
- anodised version order code: M-PLE349
- AL profil (skladová dĺžka extrúdaného profilu 5960mm)
- verzia s eloxovaným povrchom - obj.kód: M-PLE0349



- PC Diffuser semi-opal milky (single bar length 5960mm)
- order code: M-PRM0295
- Polykarbonátový difúzor, polo-opálový mliečny (skladová dĺžka extrúdaného profilu 5960mm)
- obj.kód: M-PRM0295

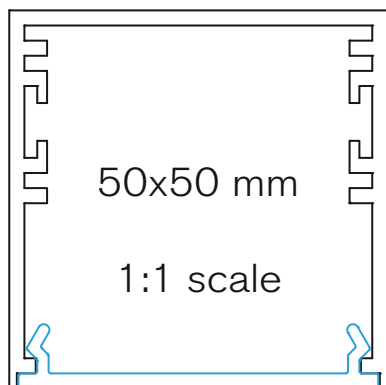
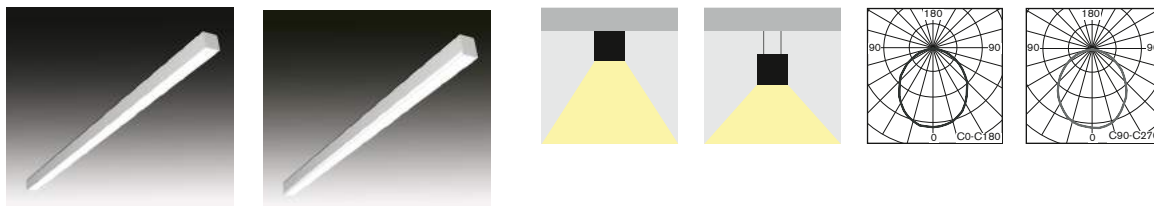


Optional Wire Rope Suspension Set  
Príplatkový lankový záves - sada



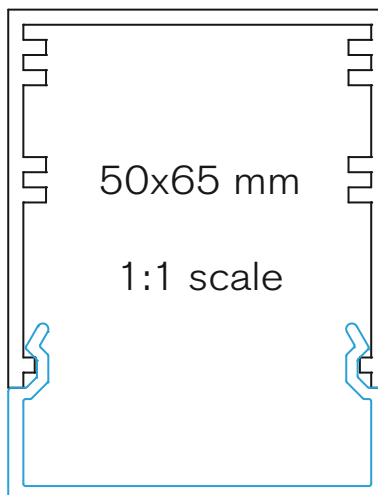
Optional End-Caps  
Príplatkové ukončovacie čelička

## AL PROFILES &amp; PC DIFFUSERS



50x50 mm

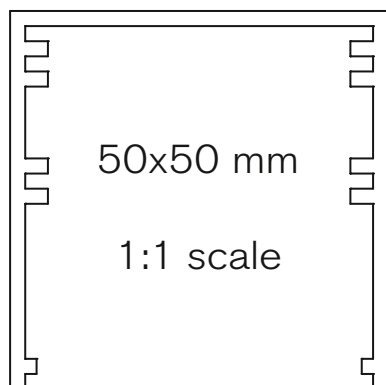
1:1 scale



50x65 mm

1:1 scale

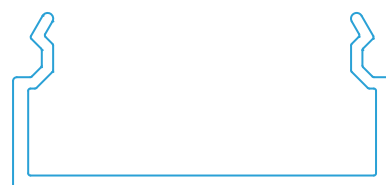
- AL Profile + PC Diffuser Assembly
- PC Diffuser is available in 2 shapes:
  - flat shape
  - "U" shape
- Zostava AL profilu a polykarbonátového difúzera
  - polykarbonátový difúzor je dostupný v 2 tvaroch:
    - plochý
    - v tvare "U"



50x50 mm

1:1 scale

- AL Profile (single bar length 6400mm)
  - anodised version order code: M-PLE0506
  - no surface treatment - ready for painting version order code: M-PLE0509
- AL profil (skladová dĺžka extrúdaného profilu 6400mm)
  - verzia s eloxovaným povrchom - obj.kód: M-PLE0506
  - bez povrchovej úpravy, určené pre lakovanie - obj.kód: M-PLE0509



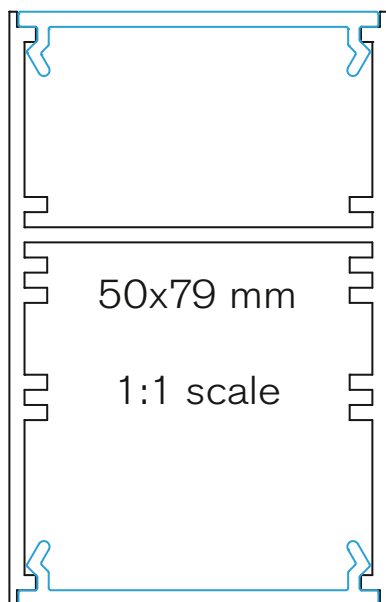
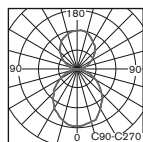
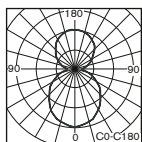
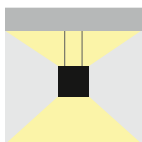
- "U" shaped PC Diffuser semi-opal milky (single bar length 6400mm)
  - order code: M-PLD0882
- Polykarbonátový difúzor v tvare "U", polo-opálový mliečny (skladová dĺžka extrúdaného profilu 6400mm)
  - obj.kód: M-PLD0882



- Flat PC Diffuser semi-opal milky (single bar length 6400mm)
  - order code: M-PLD0881
- Plochý polykarbonátový difúzor, polo-opálový mliečny (skladová dĺžka extrúdaného profilu 6400mm)
  - obj.kód: M-PLD0881

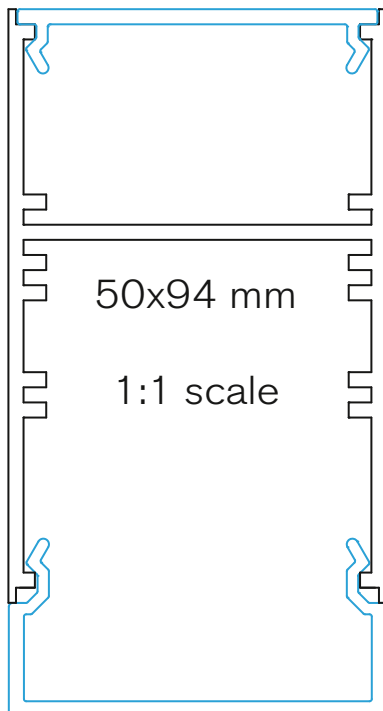


# AL PROFILES & PC DIFFUSERS



50x79 mm

1:1 scale

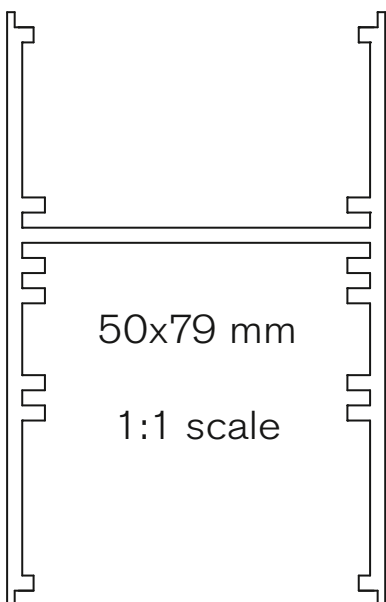


50x94 mm

1:1 scale

- AL Profile + PC Diffuser Assembly
- PC Diffuser is available in 2 shapes:
  - flat shape
  - "U" shape

- Zostava AL profilu a polykarbonátového difúzera
- polykarbonátový difúzor je dostupný v 2 tvaroch:
  - plochý
  - v tvare "U"



50x79 mm

1:1 scale

- AL Profile (single bar length 6400mm)
  - anodised version order code: M-PLE0507
  - no surface treatment - ready for painting version order code: M-PLE0510
- AL profil (skladová dĺžka extrúdaného profilu 6400mm)
  - verzia s eloxovaným povrchom - obj.kód: M-PLE0507
  - bez povrchovej úpravy, určené pre lakovanie - obj.kód: M-PLE0510

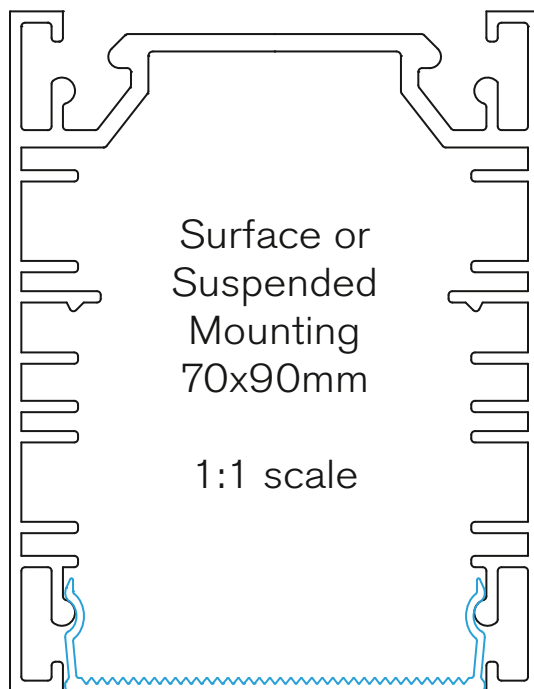
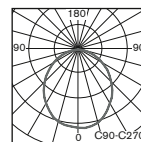
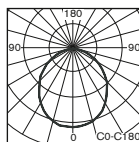
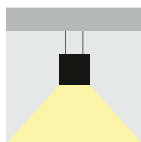


- "U" shaped PC Diffuser semi-opal milky (single bar length 6400mm)
  - order code: M-PLD0882
- Polykarbonátový difúzor v tvare "U", polo-opalový mliečny (skladová dĺžka extrúdaného profilu 6400mm)
  - obj.kód: M-PLD0882



- Flat PC Diffuser semi-opal milky (single bar length 6400mm)
  - order code: M-PLD0881
- Plochý polykarbonátový difúzor, polo-opalový mliečny (skladová dĺžka extrúdaného profilu 6400mm)
  - obj.kód: M-PLD0881

## AL PROFILES &amp; PC DIFFUSERS

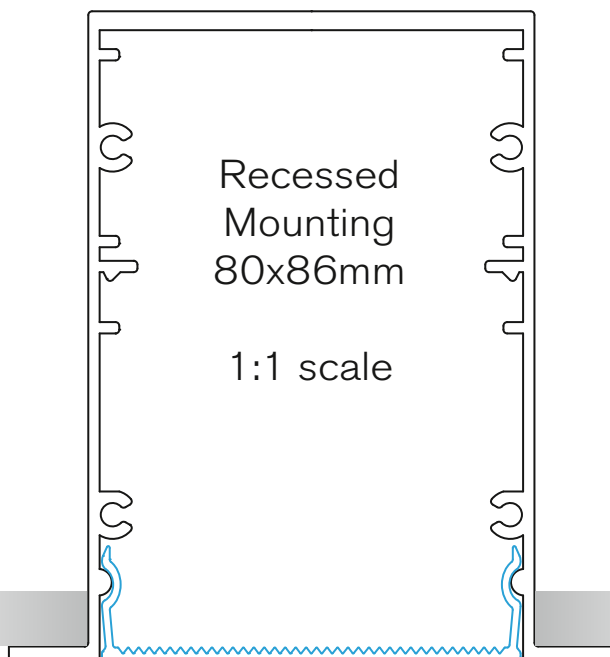
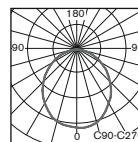
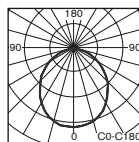


- AL Profile + PC Diffuser Assembly
- Ceiling or Suspended Mounting

- Zostava AL profilu a polykarbonátového difúzera
- Montáž na strop alebo lankový záves

- AL Profile (single bar length 5400mm)
- anodised version order code: M-PLE0346
- AL profil (skladová dĺžka extrúdaného profilu 5400mm)
- verzia s eloxovaným povrchom - obj.kód: M-PLE0346

- "PC Diffuser semi-opal milky (single bar length 6000mm)
- order code: M-PLD0654
- Polykarbonátový difúzor polo-opalový (skladová dĺžka profilu 6000mm)
- obj.kód: M-PLD0654



- AL Profile + PC Diffuser Assembly
- Recessed Mounting

- Zostava AL profilu a polykarbonátového difúzera
- Zapustená montáž sádkartonového stropu

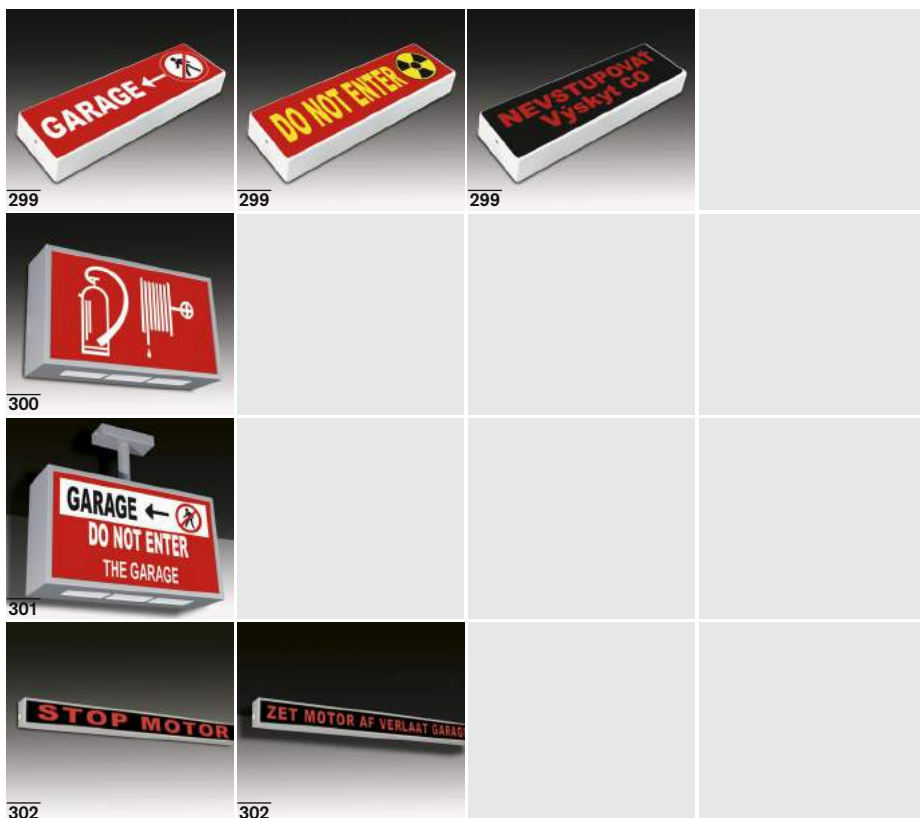
- AL Profile (single bar length 5400mm)
- anodised version order code: M-PLE0345
- AL profil (skladová dĺžka extrúdaného profilu 5400mm)
- verzia s eloxovaným povrchom - obj.kód: M-PLE0345

- "PC Diffuser semi-opal milky (single bar length 6000mm)
- order code: M-PLD0654
- Polykarbonátový difúzor polo-opalový (skladová dĺžka profilu 6000mm)
- obj.kód: M-PLD0654



# ASSORTMENT LIGHTBOX DISPLAYS

<b>MICROINFO</b>	<b>299</b>
MICROINFO-EP 11W	299
MICROINFO 2x15W/E14	299
<b>INFO</b>	<b>300</b>
INFO 2x18W	300
INFO-370 LED	300
INFO-650 LED	300
<b>TOPINFO</b>	<b>301</b>
TOPINFO 2x18W	301
TOPINFO-370 LED	301
TOPINFO-650 LED	301
<b>SIGNALUX/MULTISIGNAL....</b>	<b>302-303</b>
SIGNALUX T5 35/49W	302-303
SIGNALUX T8 36W	302-303
SIGNALUX LED	302-303
SIGNALUX 58W/1h	302-303
MULTISIGNAL-INF 18W/1h	302-303



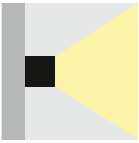
SEC is producer of the **whole informational lighting range** (LightBox Displays) for both general and special usage.

Choose the **right information** lighting fixture SEC which would fulfil your expectations concerning design, power and especially **transfer of information** to the others.

Firma SEC vyrába celú škálu **informačných a reklamných svietidiel** pre všeobecné, ale aj špeciálne použitie.

Vyberte si práve také informačné alebo reklamné svietidlo SEC, ktoré Vám **naplní Vaše očakávania** z hľadiska dizajnu, výkonu, ale hlavne splnenia požiadavky „odovzdať informáciu“ ostatným.



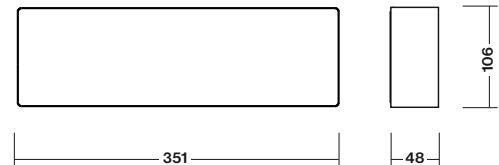


- MICROINFO type series lighting fixtures are designed as single sided small lighting **information and advertisement panels** for general use in offices, hotels, supermarkets, warehouses, hospitals, airports, public premises etc.
- Design:
  - sheet steel base finished in RAL9003 white polyester powder coat
  - diffuser: acrylic opal white (must be ordered separately including the required layout of legend)
- Svietidlá typovej rady MICROINFO sú určené pre malé svetelné **informačné/ reklamné návestia** pre všeobecné použitie v nemocniciach, obchodných priestoroch, úradoch, hoteloch, letiskách a iných priestoroch. Veľkou výhodou svietidiel **MICROINFO** sú ich malé rozmery a tým aj nenápadný vzhľad v interiéri.
- konštrukcia:
  - teleso svietidla - povrchovo upravený oceľový plech v RAL9003
  - svetelno-činný kryt - opáľové PMMA s piktogramom (musí byť objednané ako samostatná položka so špecifikáciou piktogramu v objednávke)

#### ACCESSORIES / OPTIONS

#### PRÍPLATKY

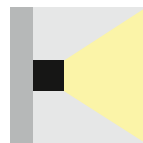
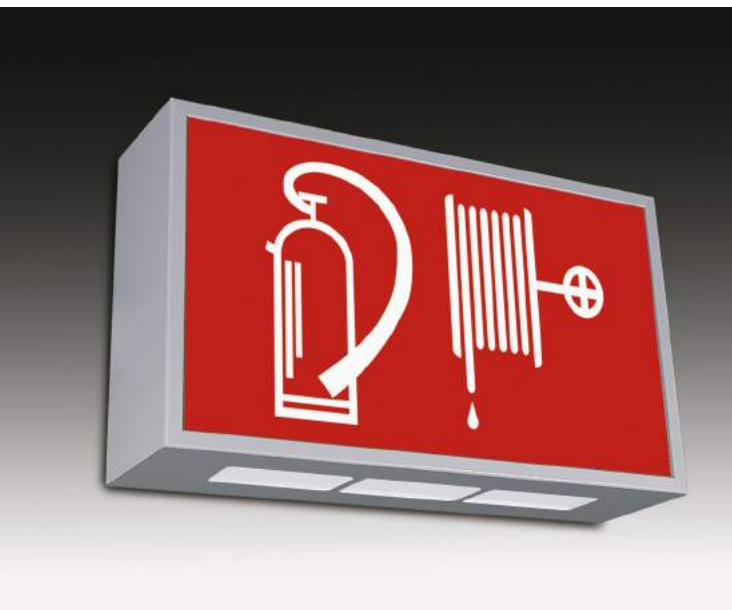
- The cover with customised legend must be ordered as a separate item Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format
- kryt svietidla s piktogramom podľa špecifikácie odberateľa musí byť objednaný samostatne  
Do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou



### MICROINFO

Type	Power Supply	Light Source / žiarivka	Ballast Type / typ predradníka	Order Code	Weight
MICROINFO-EP 11W	230V AC/DC	11W / 2G7	EVG / elektronický	81-B-08-999-00	0,6 kg
MICROINFO 2x15W/E14	230V AC/DC	2x E14/max 15W	-	81-B-04-01-00	0,5 kg
The diffuser with a customised legend. Please include required legend design in your order				On request	0,2 kg
Kryt svietidla s piktogramom podľa vašej špecifikácie odberateľa. Grafiku na piktogram pošlite spolu s objednávkou				na požiadanie	0,2 kg





- The INFO type series is designed as a **wall mounting lighting information or lightbox displays** for general use in office buildings, hotels, warehouses, cinemas, assembly areas, airports, public premises etc.
- Body: extruded aluminium profile
- Diffuser: opal white acrylic diffuser with customised pictogram (its type must be specified in the order)
- Svetidlá typovej rady INFO sú určené pre **nástenné svetelné jednostranné informačné/reklamné návestia** pre všeobecné použitie v úradoch, kinách, administratívnych budovách, hoteloch, garážach, letiskách, vlakových nástupištiach a pod.
- teleso svietidla - hliníkový profil
- svetelno-činný kryt -PMMA s piktogramom podľa špecifikácie odberateľa (typ pikto musí byť špecifikovaný v objednávke)

#### STANDARD FEATURES

#### ŠTANDARDNÁ VÝBAVA

- light source included
- svetelný zdroj

#### ACCESSORIES / OPTIONS

#### PRÍPLATKY

- The cover with customised legend must be ordered as a separate item **Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format**
- kryt svietidla s piktogramom podľa špecifikácie odberateľa
- musí byť objednaný samostatne
- do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou

**DO NOT  
ENTER!**

**VÝSKYT  
CO**

**STOP  
MOTOR**

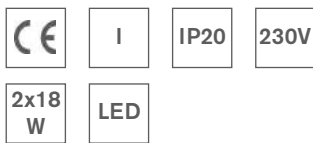
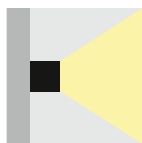
**OPUSTITE  
PRIESTOR**

**VÝSKYT CO!  
NEVJÍŽDĚT DO GARÁŽÍ**

- EXAMPLES OF CUSTOMISED LEGENDS
- PRÍKLADY ZÁKAZNÍCKYCH PIKTOGRAMOV

#### INFO

Type	Power Supply	Dimensions	Light Source	Order Code	Weight
INFO 2x18W	230V AC	650 x 240 x 95 mm	2x18W / G13 / KVG	26-B-48-999-00	3,1 kg
INFO-370 LED 9W	230V AC	370 x 210 x 95 mm	LED / 3000K / 1400lm	26-B-44-999-00	2,4 kg
INFO-650 LED 18W	230V AC	650 x 240 x 95 mm	LED / 3000K / 2800lm	26-B-45-999-00	3,0 kg



- The TOP-INFO type serie is designed as **lighting information or advertisement panels** for general use in offices, hotels, warehouses, assembly areas, airports, public premises etc.
- The lighting fixtures are available in two versions: standard is bracket
  - 122mm long bracket ceiling mount (TOPINFO)
  - 2pcs of suspension hooks (TOPINFO-H)
- Body: extruded aluminium profile
- Diffuser: opal white acrylic diffuser with customised pictogram (must be ordered separately: 2pcs/fixture)
- Svietidlá typovej rady TOP-INFO sú určené pre **svetelné obojstranné informačné návestia** pre všeobecné použitie v úradoch, kinách, hoteloch, garážach, letiskách, vlakových nástupištiach a pod.
- Svietidlo TOP-INFO je určené pre montáž na strop pomocou:
  - závesnej konzoly dĺžky 112mm (TOPINFO)
  - 2ks závesné oká na lankový/retiazkový záves (TOPINFO-H), čo je výhodné najmä v prípade veľkej svetlej výšky interiéru a potreby umiestnenia svietidla na dlhšom závese.
- Teleso svietidla - hliníkový profil
- Svetelno-činný kryt -PMMA s piktogramom podľa špecifikácie odberateľa (musí byť objednané ako samostatná položka - 2ks/svietidlo)

**STANDARD FEATURES**

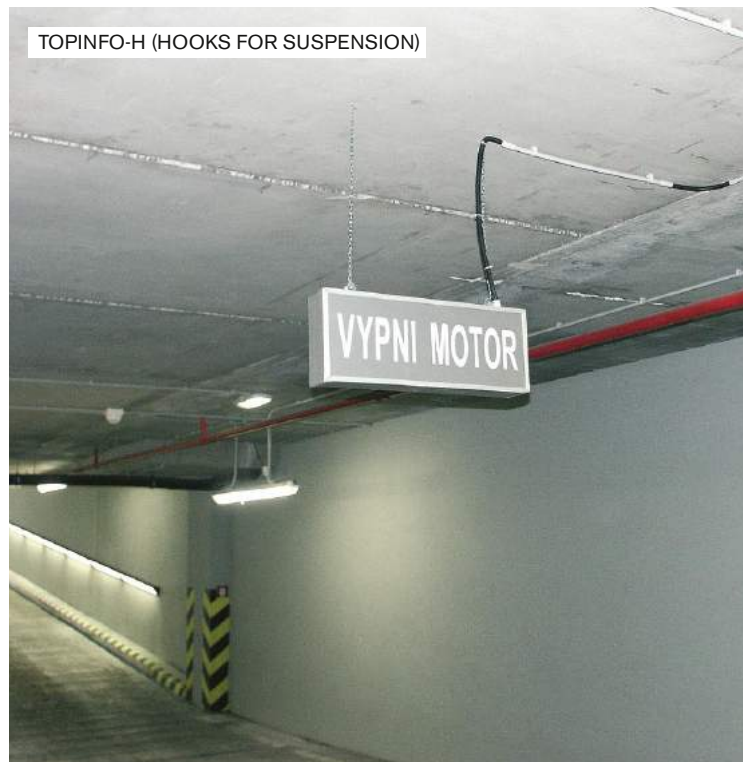
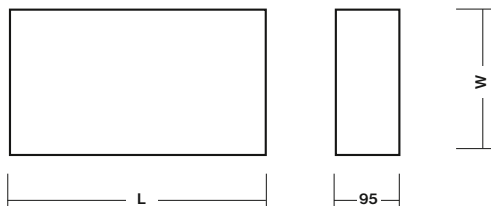
**ŠTANDARDNÁ VÝBAVA**

- light source included
- svetelný zdroj

**ACCESSORIES / OPTIONS**

**PRIPLATKY**

- **DIFFUSER with customised legend must be ordered as a separate item**  
 Please specify the colours and the legend layout in your order or send the graphic file including the legend in digital format.  
 It is double sided fixture, 2pcs of the diffusers/fixture are needed
- kryt svietidla s piktogramom podľa špecifikácie odberateľa  
 musí byť objednaný samostatne
- do objednávky zahrňte farebnú špecifikáciu piktogramu, príp. pošlite grafický súbor s podkladmi spolu s objednávkou  
 Je to obojstranné svietidlo, takže je potrebné objednať 2ks krytov/svietidlo



**TOPINFO with Suspended Bracket / na závesnej konzole**

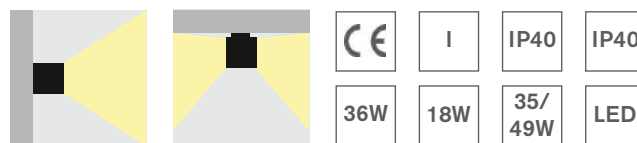
Type	Power Supply	Dimensions	Light Source	Order Code	Weight
TOPINFO 2x18W	230V AC	650 x 240 x 95 mm	2x18W / G13 / KVG	26-B-46-999-00	3,4 kg
TOPINFO-370 LED 9W	230V AC	370 x 210 x 95 mm	LED / 3000K / 1400lm	26-B-40-999-00	2,7 kg
TOPINFO-650 LED 18W	230V AC	650 x 240 x 95 mm	LED / 3000K / 2800lm	26-B-41-999-00	3,3 kg

**TOPINFO-H with Suspension Hooks / so závesnými okami**

Type	Power Supply	Dimensions	Light Source	Order Code	Weight
TOPINFO-H 2x18W	230V AC	650 x 240 x 95 mm	2x18W / G13 / KVG	26-B-47-999-00	3,1 kg
TOPINFO-H-370 18W LED	230V AC	370 x 210 x 95 mm	LED / 3000K / 2800lm	26-B-42-999-00	2,4 kg
TOPINFO-H-650 36W LED	230V AC	650 x 240 x 95 mm	LED / 3000K / 5600lm	26-B-43-999-00	3,0 kg



CEILING / WALL MOUNTING DOUBLE / SINGLE SIDED  
**SIGNALUX**



- **C.SIGNALUX** informational lighting fixture is designed for parking garages or any similar area where some illuminated information is needed to be displayed. It is without the battery directly connectable to 230V AC
- **SIGNALUX/MULTISIGNAL/MULTITOP /1h** are informational & emergency lighting fixtures. It is equipped with both battery (emergency duration 1 hour) and the fluorescent tube.
- Permanent 230V AC phase connection is needed.  
For all versions: In case on OK status the legend is not visible (black). In case of emergency the legend (red letters) is visible to signalise the emergency mode
- MULTISIGNAL-INF 18 is designed for wall mounting (single sided)
- MULTITOP-INF 18W is double sided fixture ready for suspended mounting
- Body : made of extruded aluminum profiles
- Diffuser: made of acrylic
- svietidlá typovej rady SIGNALUX/MULTISIGNAL/MULTITOP 1h a C.SIGNALUX (bez batérie) sú určené pre svetelné informačné návestia
- SIGNALUX 58W/MULTISIGNAL-INF 18W/MULTITOP-INF 18W/1h sú vybavené aj batériou pre núdzovú prevádzku po dobu 1h - nutná trvalá fáza
- pre použitie v podchodoch, metre, podzemných garážach a pod. V prípade, že nie je núdzový stav, piktogram nie je viditeľný. Po rozsvietení svetelného zdroja je piktogram čitateľný (červené písmená).
- teleso svietidla - eloxovaný hliníkový profil
- svetelno-činný kryt - PMMA

**STANDARD FEATURES**

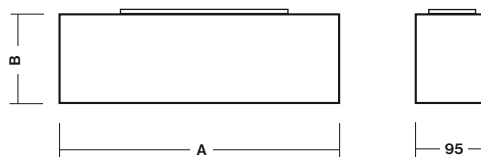
- light source included
- svetelný zdroj

**ŠTANDARDNÁ VÝBAVA**

**ACCESSORIES / OPTIONS**

- 1 or 2pcs of plexi diffuser with customised legend (required legend design must be specified in the order)
- Suspension hooks
- 1 ks alebo 2ks plexi s piktogramom podľa špecifikácie odberateľa (text pre nápis musí byť uvedený v objednávke)
- závesné oká pre montáž na lankový/retiazkový záves

**PRÍPLATKY**



**C.SIGNALUX**

Type	Mounting	Dimensions AxB	Light Source , Ballast	Order Code	Weight
C.SIGNALUX 35/49W/230V	Ceiling / stropný	1550 x 139 mm	35/49W / G5, EVG	17-B-69-01-00	7,0 kg
C.SIGNALUX-W 35/49W/230V	Wall / nástenný	1550 x 130 mm	35/49W / G5, EVG	17-B-70-01-00	7,2 kg
C.SIGNALUX 36W/230V	Ceiling / stropný	1250 x 139 mm	36W / G13, KVG	17-B-41-01-00	6,1 kg
C.SIGNALUX-W 36W/230V	Wall / nástenný	1250 x 130 mm	36W / G13, KVG	17-B-42-01-00	6,2 kg
C.SIGNALUX 22W LED/230V	Ceiling / stropný	1550 x 139 mm	LED / 3000K	17-B-61-999-00	7,0 kg
C.SIGNALUX-W 44W LED/230V	Wall / nástenný	1550 x 130 mm	LED / 3000K	17-B-62-999-00	7,2 kg

**SIGNALUX / MULTISIGNAL-INF / MULTITOP-INF (incl. EMERGENCY 1h)**

Type	Mounting	Dimensions AxB	Light Source	Order Code	Weight
SIGNALUX 58W/1h (NM)	Ceiling / stropný	1550 x 139 mm	58W / G13	17-B-53-999-00	7,5 kg
SIGNALUX-W 58W/1h (NM)	Wall / nástenný	1550 x 130 mm	58W / G13	17-B-50-999-00	7,7 kg
MULTISIGNAL-INF 18W/1h (NM/M)	Wall / nástenný	650 x 130 mm	18W / G13	17-B-65-999-00	3,5 kg





# CONTENT

<b>1LX SPACING TABLES</b>	
1LX SPACING TABLES	210-217
<b>A</b>	
AIROLUX LED	284-285
ARRISLUX2	128-129
AVANTIS-APD2	250-255
AVANTIS-CD2	256-257
<b>C</b>	
C.ARRISLUX2	128-129
C.CUBELUX	200-203
C.EVOLUX2-P	52-59
C.EVOLUX2-PP	60-61
C.EVOLUX2-V	66-67
C.EVOLUX2-VP	62-65
C.FALCON-P	102-105
C.FALCON-V	102-105
C.HILLUX	204-205
C.LEDLUX-P	186-189
C.LEDLUX2-P	106-114
C.LEDLUX2-R	120-123
C.LEDLUX-V	192-197
C.LEDLUX2-V	115-119
C.LEDLUX-SPOT2-HCA	154-156
C.LEDLUX-SPOT2-HCB	157-159
C.LEDLUX-SPOT2-P	146-151
C.LEDLUX-SPOT2-V	140-145
C.LEGEND	132-135
C.XLEGEND	132-135
C.NORMALUX2	78-83
C.PERUN2	160-161
C.PICTORLUX	184-185
C.POWERLUX2	166-169
C.PRIMALUX-A	84-91
C.PRIMALUX-AP/-APA/-APB	92-96
C.PRIMALUX-AV/-AVA/-AVB	97-101
C.PRIMALUX-B	84-91
C.ROTALUX2	162-164
C.SIGNALUX	302-303
C.TRACKLUX	124-127
C.TRACKLUX-A	124-127
C.TRACKLUX-B	124-127
C.TRIPLELUX2	130-131
C.TRENDLUX2	68-73
C.TRENDLUX2-TOP	74-77
CBS	44-47
CBS PATROLUX	40-43
CUBELUX LED	200-203
<b>E</b>	
ELMAX-LOOK ATXL MINI	36-37
ELMAX-Wireless ATRF MINI	38-39
ELMAX-PATROLUX + CBS	40-43
EVOLUX2-P	52-59
EVOLUX2-PP	60-61
EVOLUX2-V	66-67
EVOLUX2-VP	62-65
EXITLUX3	206-209

<b>F</b>	
FALCON-P	102-105
FALCON-V	102-105
<b>H</b>	
HILLUX	204-205
<b>I</b>	
INFO	300
<b>L</b>	
LEDLUX-P	186-189
LEDLUX2-P	106-114
LEDLUX2-P CINEMA NO-AT	172-175
LEDLUX2-R	120-123
LEDLUX-V	192-197
LEDLUX2-V	115-119
LEDLUX2-V CINEMA NO-AT	172-175
LEDLUX-SPOT2-A-P	146-148
LEDLUX-SPOT2-A-P CINEMA NO-AT	178-179
LEDLUX-SPOT2-A-V	140-142
LEDLUX-SPOT2-A-V CINEMA NO-AT	176-177
LEDLUX-SPOT2-B-P	149-151
LEDLUX-SPOT2-B-P CINEMA NO-AT	178-179
LEDLUX-SPOT2-B-V	143-145
LEDLUX-SPOT2-B-V CINEMA NO-AT	176-177
LEDLUX-SPOT2-HCA	154-156
LEDLUX-SPOT2-HCB	157-159
LEGEND	132-135
<b>M</b>	
MICROINFO	298-299
MODULUX-A LED	288-289
MULTIARRIS2	128-129
MULTICUBE	200-203
MULTIEVO2-P	52-59
MULTIEVO2-PP	60-61
MULTIEVO2-V	66-67
MULTIEVO2-VP	62-65
MULTIEXIT3	206-209
MULTIHILL	204-205
MULTILED-P	186-189
MULTILED2-P	106-114
MULTILED2-P CINEMA NO-AT	172-175
MULTILED2-R	120-123
MULTILED-V	192-197
MULTILED2-V	115-119
MULTILED2-V CINEMA NO-AT	172-175
MULTILED-SPOT2-A-P	146-148
MULTILED-SPOT2-A-V	149-151
MULTILED-SPOT2-A-V/-P CINEMA	176-177
MULTILED-SPOT2-B-P	260-265
MULTILED-SPOT2-B-V	143-145
MULTILED-SPOT2-B-V/-P CINEMA	178-179
MULTILED-SPOT2-HCA	154-156
MULTILED-SPOT2-HCB	157-159
MULTINORMA2	78-83
MULTIMODULUX-A	288-289
MULTIPICTOR	184-185
MULTIPOWER2	166-169

MULTIPOWER2 CINEMA NO-AT	180-181
MULTIPRIMA-A	84-91
MULTIPRIMA-AP	92-96
MULTIPRIMA-AV	97-101
MULTIPRIMA-B	84-91
MULTIROTALUX2	162-164
MULTISIGNAL	302-303
MULTITREND2	68-73
MULTITREND2-TOP	74-77
MULTITRIPLE2	130-131
<b>N</b>	
NEOLUX LED	282-283
NORMALUX2	78-83
<b>P</b>	
PERUN2	160-161
PICTORLUX	184-185
POWERLUX2	166-169
POWERLUX2 CINEMA NO-AT	180-181
PRIMALUX-A	84-91
PRIMALUX-B	84-91
PRIMALUX-AP	92-96
PRIMALUX-AV	97-101
<b>R</b>	
RADIUS	290-291
ROTALUX2	162-164
<b>S</b>	
SIGNALUX	302-303
SOLIDLUX	292-293
<b>T</b>	
TALENTLUX-A	258-259
TALENTLUX-B	258-259
TOPINFO	301
TRACKLUX	124-127
TRACKLUX-A	124-127
TRACKLUX-B	124-127
TRIPLELUX2	130-131
TRENDLUX2	68-73
TRENDLUX2-TOP	74-77
<b>W</b>	
WEGA-MODULE LED	224-225
WEGA-MODULE2-AA LED	228-229
WEGA-MODULE2-AA LED RECESSED	246-249
WEGA-MODULE2-AB LED	230-235
WEGA-MODULE2-DA LED	242-243
WEGA-MODULE2-DB LED	244-245
WEGA-MODULE2-EA LED	240-241
WEGA-MODULE2-FAA LED	236-237
WEGA-MODULE2-FAB LED	238-239
WEGA-FRAME2-AA LED	268-233
WEGA-FRAME2-BA LED	280-281
WEGA-FRAME2-CA LED	262-263
WEGA-FRAME2-CB LED	264-265
WEGA-FRAME2-DA LED	274-277
WEGA-FRAME2-DB LED	287-279
<b>X</b>	
XLEGEND	132-135



Lighting

EST.1992



SEC Video Presentation



PROFESSIONAL LIGHTING SOLUTIONS

2020/2021

**SEC s.r.o.**

Jakuba Haška 11  
949 01 Nitra  
Slovakia

**Sales Dept./ Odd.predaja:**

tel: +421-37-656 08 25  
tel: +421-37-656 08 03

sales1@sec.sk  
sales4@sec.sk

**Head Office / Vedenie:**

tel: +421-37-656 08 02  
office@sec.sk

**Project Dept. / Projektové odd.:**

tel: +421-37-656 08 18  
sec@sec.sk

**Quality Dept. / Odd. kvality:**

tel: +421-37-656 08 07  
quality@sec.sk

**www.sec.sk**

All rights reserved (C) SEC. Specifications are subject to change without notice.