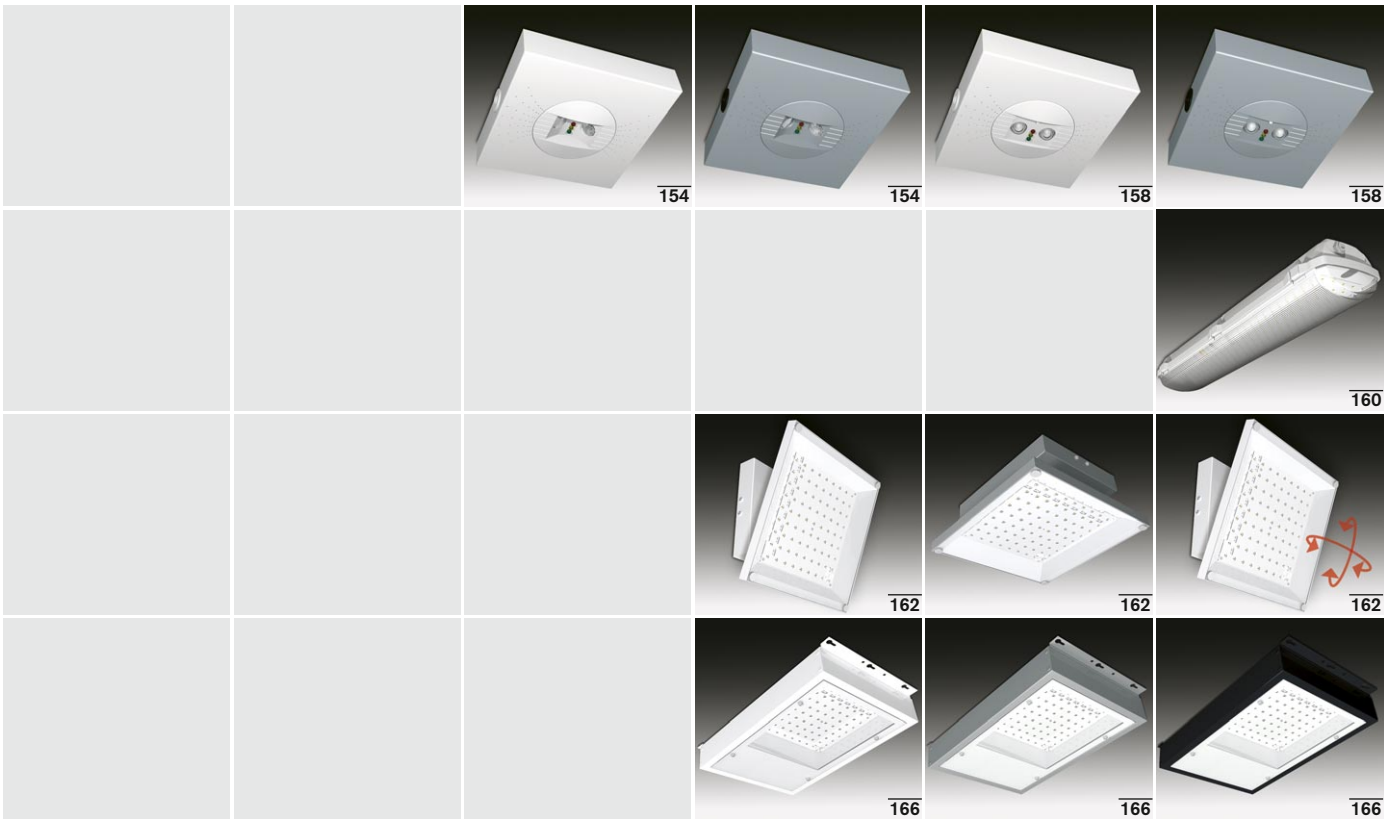
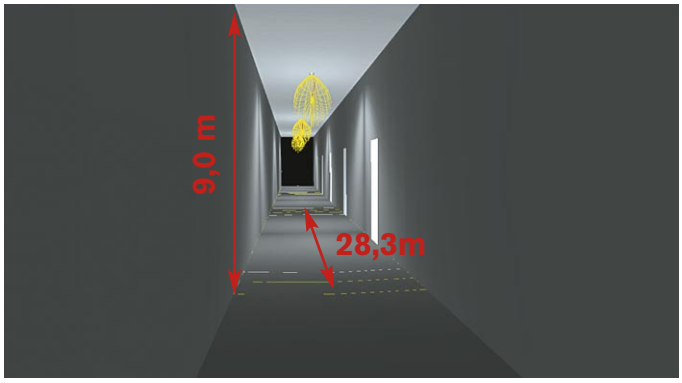
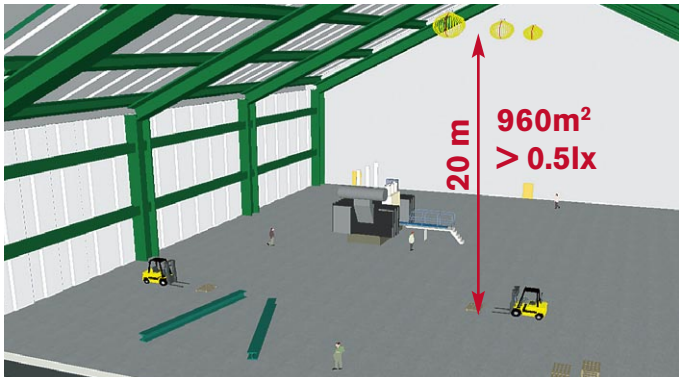
HIGH CEILING EMERGENCY LIGHTING







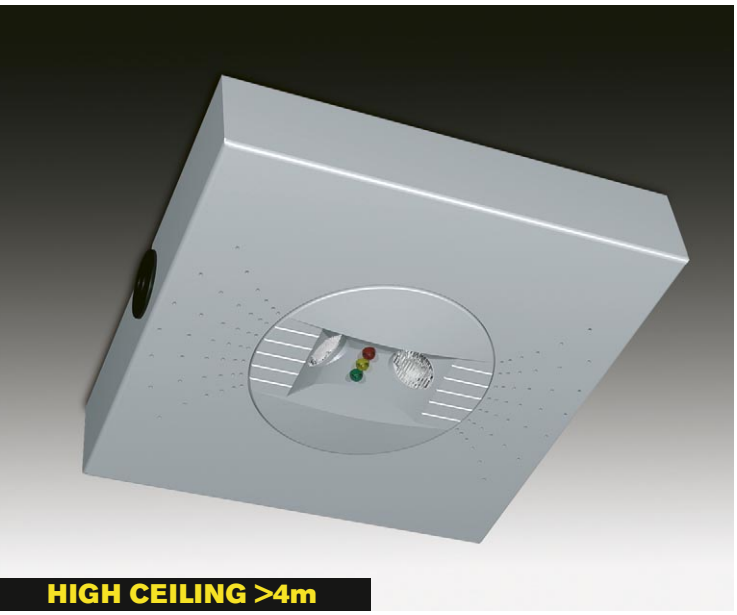
Look up pages No. 210-217 for 1lx Spacing tables
Pozri str.210-217 pre rozmiestnenie svietidiel na dosiahnutie 1lx

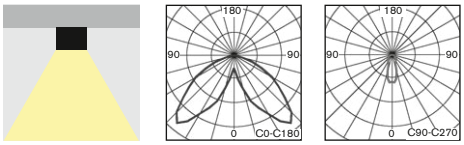
HIGH CEILING application LED Fixtures are equipped with all efficient and highpower LEDs, sophisticated optics and powerful battery. Thanks to all the high light output, maximum efficiency and optimal light distribution result in the need for a low number of luminaires for high ceiling application to comply relevant EN standards and possibility of an installation hight 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 relevantými 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 normiem. Inštalácia a údržba svietidiel je rýchla a jednoduchá.

LEDLUX-SPOT2-**HC**A

FOR HIGH CEILING >4m
PRE VYSOKÉ STROPY >4m





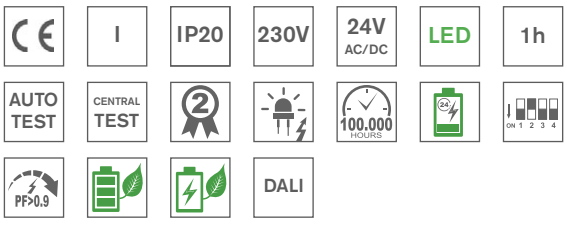
- POWERFUL surface mounted escape-route LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING ESCAPE ROUTE** illumination applications in accordance with EN1838
  It is available in all following versions:
  - **AUTOTEST** (-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 navrhnté 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)

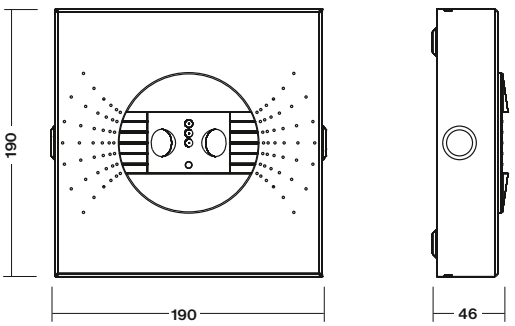
STANDARD FEATURES | ŠTANDARDNÁ VÝBAVA

- **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**
- **progresívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalačný 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

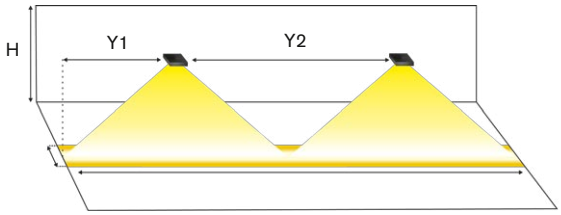


Input Power:
- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)



LEDLUX-SPOT2-**HC**A

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 **28,3m > 1lx**



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

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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)

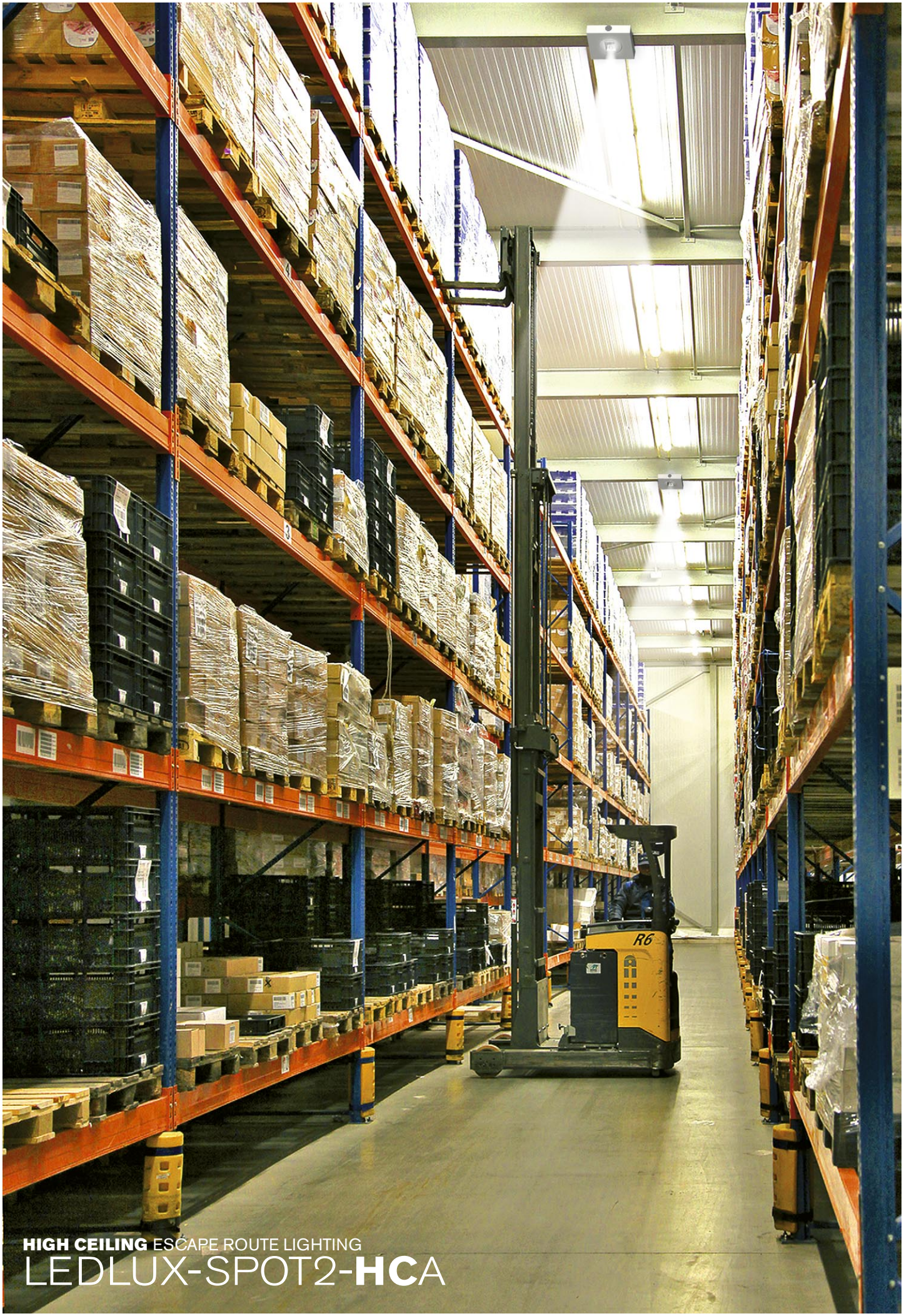
Type	Colour	Version	Light Source	Light Flux	Order Code	Weight
C.LEDLUX-SPOT2-HCA-P-DALI 230V AC	White / biela	DALI CBS	2xHighPower LEDs	410 lm	182-B-242-00-00-01	0,8 kg
C.LEDLUX-SPOT2-HCA-P-DALI 230V AC	Grey / šedá	DALI CBS	2xHighPower LEDs	410 lm	182-B-242-00-00-02	0,8 kg

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-ATXPR 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-ATXPR 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 svietidiel na dosiahnutie 1lx



HIGH CEILING ESCAPE ROUTE LIGHTING

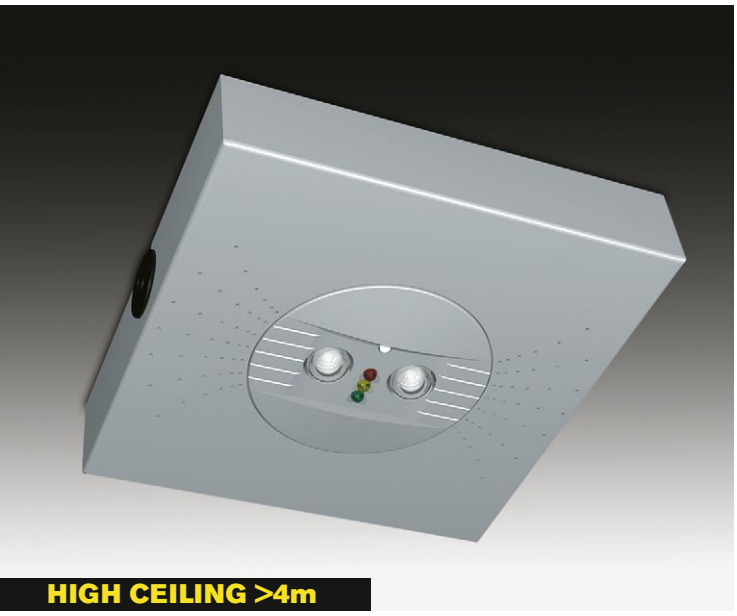
LEDLUX-SPOT2-**HC**A

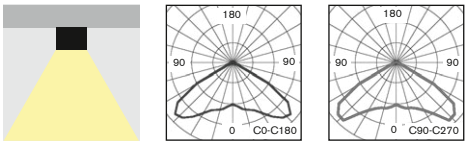
HIGH CEILING ANTIPANIC LIGHTING

LEDLUX-SPOT2-**HC**B

LEDLUX-SPOT2-**HC**B

FOR HIGH CEILING >4m
PRE VYSOKÉ STROPY >4m





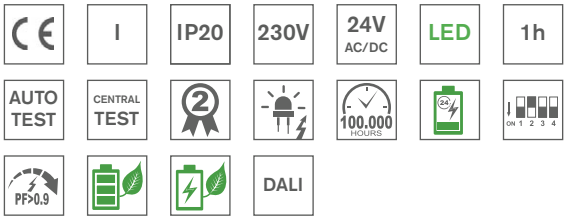
- POWERFULL surface mounted anti-panic LED fixture available for all non-maintained (NM), maintained (M) or centralised (C) emergency lighting especially designed for **HIGH CEILING OPEN AREA** applications in accordance with EN1838
  It is available in all following versions:
  - **AUTOTEST** (-AT)
  - **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-panik LED svietidlá pre **netrvalé (NM), trvalé (M)** alebo **centrálne (C)** núdzové osvetlenie pre povrchovú montáž **špeciálne navrhnté 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)

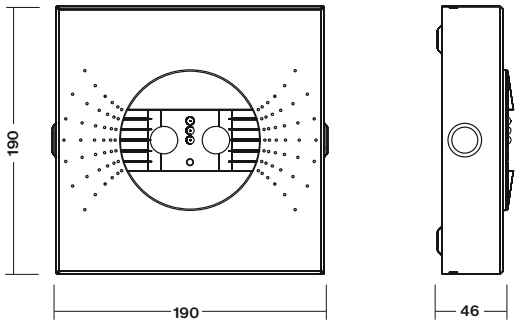
STANDARD FEATURES | ŠTANDARDNÁ VÝBAVA

- **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**
- **progresívna elektronická jednotka**
- **LONGLIFE LIFEPO4 batéria**
- špeciálna LED šošovka pre perfektnú distribúciu svetla
- **Inštalačný 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

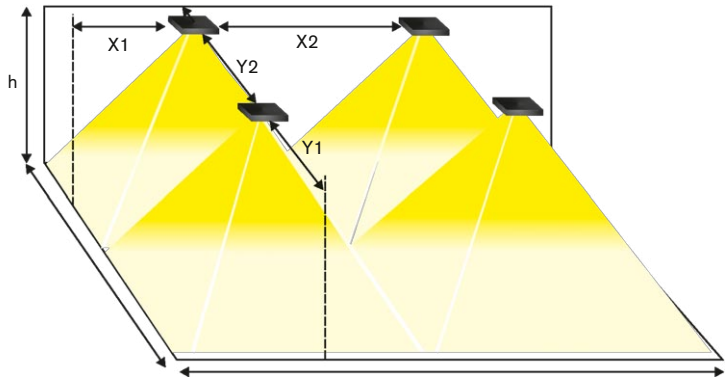


Input Power:
- 7,1W/ 7,3VA (maintained M)
- 2,8W/ 4,3VA (non-maintained NM)
- 4,6W/ 5,2VA (CBS)



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 **277m² > 0.5lx**



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

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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 svietidiel na dosiahnutie 1lx