

# FEATURES EVOLUX3



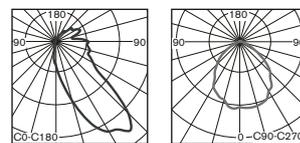
An elegant design, high efficiency and a pictogram viewing distance range up to 39m - these are the outer features of EVOLUX3 emergency lighting fixture type series. Combined with the qualities of an innovative LED light source - extra-long service life at constant light output - this escape sign luminaire 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 rozoznatelnosť piktogramu až 39m - to sú extra vlastnosti typovej rady EVOLUX3. 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. EVOLUX3 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   | 4.6W/5.4VA (maintained M)                 |
|                  | 2.2W/4.3VA (non-maintained NM)            |
|                  | 2.7W/4.6VA (CBS)                          |
| Protection index | IP40                                      |
| Viewing distance | 39m                                       |



**C.EVOLUX3-A-P LED**  
**EVOLUX3-A-P-AT LED**  
brightens escape routes at every step and turn



Wall mounting LED emergency luminaire for escape route lighting in accordance with EN1838  
Maximum luminaire spacing: up to 10,5m > 1lx

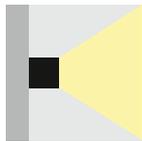
LED núdzové svietidlo pre montáž na stenu pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozstup svietidiel: až 10,5m > 1lx



**C.EVOLUX3-B-P LED** (with self-adhesive picto)  
**EVOLUX3-B-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)  
Rozoznatelnosť piktogramu: 39m

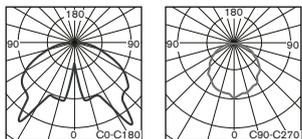


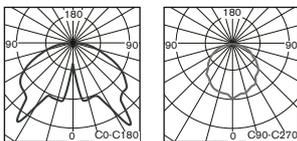
**C.EVOLUX3-B-P LED** (without self-adhesive picto)  
**EVOLUX3-B-P-AT LED** (without self-adhesive picto)  
brightens escape routes at every step and turn

It can be used also for escape route lighting (only without picto) but for wall mounting we suggest version EVOLUX3-A-P (see above) because of better lighting performance in case of wall wall mounting. EVOLUX3-B-P (without picto) is suitable especially for ceiling mounting as anti-panic emergency lighting fixture (see next page).

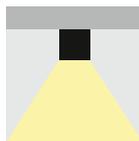
Verziu EVOLUX3-B-P je možné použiť aj bez piktogramu pre montáž na stenu pre osvetlenie únikovej cesty, ale odporúčame verziu EVOLUX3-A-P (viď vyššie), ktorá má lepšie parametre nakoľko je špeciálne navrhnutá pre nástennú montáž.

EVOLUX3-B-P je bez piktogramu určený hlavne pre stropnú montáž ako antipanic osvetlenie (pozri nasledujúcu stránku).





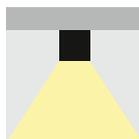
**C.EVOLUX3-B-P LED**  
**EVOLUX3-B-P-AT LED**  
escape route anti-panic lighting



Surface ceiling mounting LED emergency anti-panic luminaire in accordance with EN1838  
Maximum luminaire 1lx spacing: up to 14,2m>1lx  
LED núdzové svietidlo pre prísadenú montáž na strop pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel na 1lx: až 14,2m>1lx



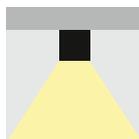
**C.EVOLUX3-B-V LED**  
**EVOLUX3-B-V-AT LED**  
escape route anti-panic lighting



Recessed mounting LED emergency anti-panic luminaire in accordance with EN1838  
Maximum luminaire 1lx spacing: up to 14,2m>1lx  
LED núdzové svietidlo pre montáž do stropu pre osvetlenie únikovej cesty v súlade s EN1838  
Maximálny rozostup svietidiel na 1lx: až 14,2m>1lx



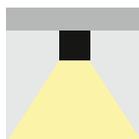
**C.EVOLUX3-B-PP LED**  
**EVOLUX3-B-PP-AT LED**  
escape sign & escape route anti-panic lighting



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 14,2m>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 14,2m>1lx



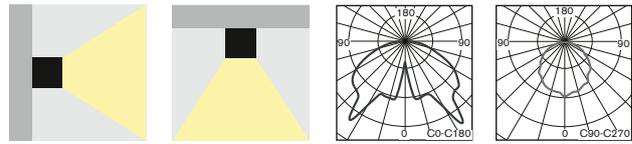
**C.EVOLUX3-B-VP LED**  
**EVOLUX3-B-VP-AT LED**  
escape sign & escape route anti-panic lighting



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 14,2m>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 14,2m>1lx



# WALL OR CEILING ANTIPANIC OR ESCAPE ROUTE SIGN APPLICATION EVOLUX3-B-P



- Equisite design powerful LED fixture for wall mounting (either with or without escape sign) or for ceiling mounting as anti-panic fixture (no legend on diffuser)
- perfect light distribution for non-maintained/maintained (NM/M) or centralised (C) emergency lighting available in all following versions:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRAL BATTERY** (C.EVOLUX3) for **non-addressable CBS**
- **CENTRAL BATTERY** (C.EVOLUX3-DALI) for **DALI CBS**
- Conforming to the requirement of EN60598-2-22, EN1838, EN62034
- Design: Anodized AL base & PC impact resistant diffuser

- Elegantné výkonné LED núdzové svietidlá pre nástennú montáž (s piktogramom alebo bez) alebo pre stropnú prisadenú montáž pre anti-panic osvetlenie (bez piktogramu) s perfektnou distribúciou svetla pre trvalé/netrvalé (NM/M) alebo (C) centrálné napájané núdzové osvetlenie dostupné vo verziách pre:

- **AUTOTEST** (-AT)
- **DALI**
- **CENTRAL BATTERY** (C.EVOLUX3) pre **neadresovateľné CBS**
- **CENTRAL BATTERY** (C.EVOLUX3-DALI) pre **DALI CBS**

- 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 (170lm/W) LONGLIFE LEDs 5000K (>100.000h)**
- **Advanced Electronics**
- **LongLife LiFePo4 battery**
- **Installation Mode** (battery protection, for more details look up page No.17)
- **Intelligent battery charging**
- **Special LED linear lens**
- Self-adhesive pictograms / Legends (look up also page No.25)

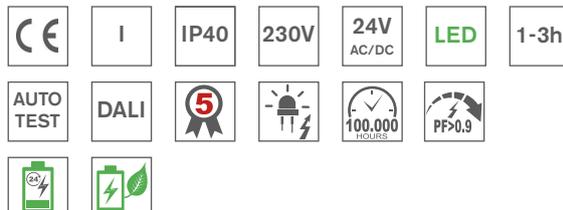
- **vysoko účinné LED 5000K (170lm/W) so životnosťou min.100000h**
- **progresívna elektronická jednotka**
- **LongLife LiFePo4 batéria**
- **Inštaláčny mód** (ochrana batérie, pozri aj str.17)
- **Inteligentné nabíjanie batérie**
- špeciálna lineárna LED optika
- signalizácia LED a TEST tlačítko
- samolepiace piktogramy (pozri tiež str.25)



## OPTIONAL ACCESSORIES

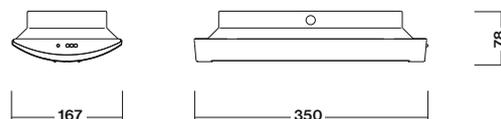
## PRÍPLATKY

- Wall or ceiling mounting brackets (look up page No.25)
- Protective steel cage (look up page No.25)
- nástenná, stropná alebo stropná závesná konzola (pozri str.25)
- ochranný kovový kôš (pozri str.25)



### Input Power:

- 4,6W/ 5,4VA (maintained M/1h)
- 2,2W/ 4,3VA (non-maintained NM/1h)
- 2,7W/ 4,6VA (CBS)



Escape route sign lighting application



### AUTOTEST -AT NM/M

| Type              | Version | Duration | Light Source | Light Flux / Emergency mode | Battery            | Order Code         | Weight |
|-------------------|---------|----------|--------------|-----------------------------|--------------------|--------------------|--------|
| EVOLUX3-B-P-AT.1h | NM/M    | 1h       | LED          | 300 lm / 300 lm             | LiFePo4 6,4V/1,0Ah | 342-B-101-04-00-00 | 1,5 kg |
| EVOLUX3-B-P-AT.3h | NM/M    | 3h       | LED          | 300 lm / 300 lm             | LiFePo4 6,4V/2,0Ah | 342-B-102-04-00-00 | 1,6 kg |

### DALI SELF-CONTAINED

| Type                | Version | Duration | Light Source | Light Flux / Emergency mode | Battery            | Order Code         | Weight |
|---------------------|---------|----------|--------------|-----------------------------|--------------------|--------------------|--------|
| EVOLUX3-B-P-DALI.1h | NM/M    | 1h       | LED          | 300 lm / 300 lm             | LiFePo4 6,4V/1,0Ah | 342-B-104-04-00-00 | 1,6 kg |
| EVOLUX3-B-P-DALI.3h | NM/M    | 3h       | LED          | 300 lm / 300 lm             | LiFePo4 6,4V/2,0Ah | 342-B-105-04-00-00 | 1,7 kg |

### DALI CENTRAL BATTERY (CBS)

| Type                       | Version  | Light Source | Light Flux | Order Code         | Weight |
|----------------------------|----------|--------------|------------|--------------------|--------|
| C.EVOLUX3-B-P DALI 230V AC | DALI CBS | LED          | 300 lm     | 342-B-110-00-00-00 | 1,2 kg |

### CENTRAL BATTERY (CBS)

| Type                     | Version             | Light Source | Light Flux | Order Code         | Weight |
|--------------------------|---------------------|--------------|------------|--------------------|--------|
| C.EVOLUX3-B-P 230V AC/DC | CBS NON-ADDRESSABLE | LED          | 300 lm     | 342-B-111-00-00-00 | 1,2 kg |
| C.EVOLUX3-B-P 24V AC/DC  | CBS NON-ADDRESSABLE | LED          | 300 lm     | 342-B-112-00-00-00 | 1,2 kg |

Look up pages No. 167-174 for 1x Spacing tables  
 Pozri str.167-174 pre rozmiestnenie svetidiel na dosiahnutie 1x

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)

ACCESSORIES  
EVOLUX3

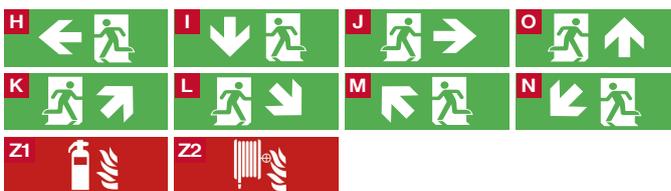


Shopping area  
emergency escape  
route sign application



- 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             |
|----------------------------------|--|
| Legend "H" / Piktogram typ "H"   | included in standard package / pribalené |
| Legend "I" / Piktogram typ "I"   | included in standard package / pribalené |
| Legend "J" / Piktogram typ "J"   | included in standard package / pribalené |
| Legend "O" / Piktogram typ "O"   | included in standard package / pribalené |
| Legend "K" / Piktogram typ "K"   | 342-B-000-02-00                          |
| Legend "L" / Piktogram typ "L"   | 342-B-000-03-00                          |
| Legend "M" / Piktogram typ "M"   | 342-B-000-04-00                          |
| Legend "N" / Piktogram typ "N"   | 342-B-000-01-00                          |
| Legend "Z1" / Piktogram typ "Z1" | V-102-SAM-01-00-136                      |
| Legend "Z2" / Piktogram typ "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 escape route sign application

