IK10 | IP65 | 2x3W LED | Colour

# SBOX 170 BEL-2R

MADE in GERMANY

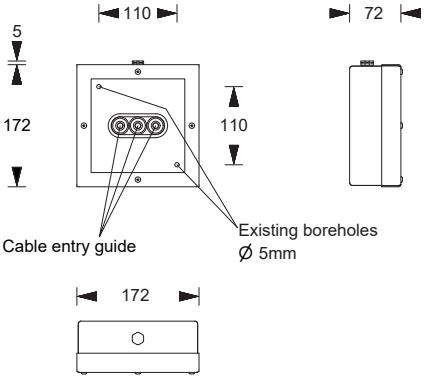
**Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.**
Very robust safety luminaire with optics for escape route illumination made of powder-coated sheet steel in white for ceiling mounting. The luminaire is equipped with an IP65 membrane pressure compensation valve and a 8 mm polycarbonate pane as standard.



## Technical specifications

| Luminaire type | Luminaires for central battery systems | Self contained luminaires |
|---|---|---|
| Illuminant | 2 x 3 W LED | 2 x 3 W LED |
| Connecting terminals | 3 x 2.5 mm² for double assignment | |
| Colour | white | |
| Material | Sheet steel | |
| Light color | 6500K | |
| Mounting type | Ceiling mounting | |
| Dimensions (W x H x D) | DM 172 x 177 x 72 mm | |
| Protection class | IP65 | |
| Safety class | I | |
| IK Safety class | IK10 | |
| Light current (mains) | 640 lm | 480 lm |
| Light current (emergency) | | |
| Battery duration 1h | – | 640 lm |
| Battery duration 3h | – | 300 lm |
| Battery duration 8h | – | 130 lm |
| Luminous flux Emergency (DC) / mains | | |
| Battery duration 1h | – | 130% / 100% |
| Battery duration 3h | – | 60% / 100% |
| Battery duration 8h | – | 30% / 100% |
| Power consumption | 7.6 VA | 13.7 VA |
| Battery current input | 22 mA | – |
| Battery duration Battery operation | – | 1h / 3h / 8h |
| Voltage supply | 230V 50/60Hz; 220V DC +25/-20% | 230V 50/60Hz |
| NiMH-battery | | |
| Battery duration 1h | – | 4,8V 2,0Ah |
| Battery duration 3h | – | 4,8V 2,0Ah |
| Battery duration 8h | – | 4,8V 2,0Ah |
| Temperature range | -10°C to +40°C | – |
| Non-maintained mode | – | 0°C to +35°C |
| Maintained mode | – | -5°C to +30°C |
| optional | | |
| Multi-switch and monitoring module | ELC MSÜ3 SET009 SET010/025 | – |
| Self monitoring | – | SELF CHECK |
| Central monitoring | – | SAFELOG Line |
| Wireless monitoring | – | SAFELOG Wireless |

## Ceiling mounting



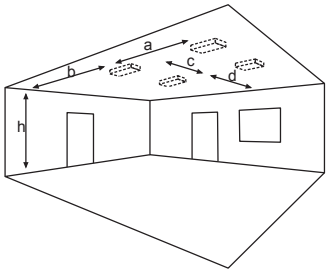

## Accessories

| |
|---|
| Pole and wall bracket |



Technical changes reserved / 19.11.2026

## Lighting data and tables of luminaire distances (E = 1.25 lx)



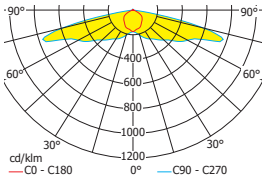

Ceiling mounting

### Luminaires for central battery systems **escape route optics**

**Distance table for plane emergency routes / distance data in meters**

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm



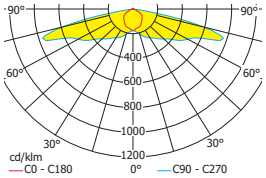

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 |
| a | 21.20 | 23.60 | 25.70 | 27.40 | 29.00 | 29.80 | 29.80 | 28.90 | 28.10 | 27.90 | 27.80 | 27.60 | 27.30 | 26.80 |
| b | 9.10 | 10.00 | 10.50 | 10.70 | 10.00 | 9.90 | 9.80 | 9.70 | 9.40 | 8.80 | 8.20 | 7.80 | 7.10 | 6.20 |
| c | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| d | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

### Self contained luminaires **escape route optics**

**Distance table for plane emergency routes / distance data in meters**

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm/480lm – **Battery duration: 1h**



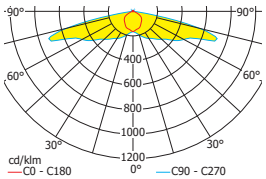

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 |
| a | 21.20 | 23.60 | 25.70 | 27.40 | 29.00 | 29.80 | 29.80 | 28.90 | 28.10 | 27.90 | 27.80 | 27.60 | 27.30 | 26.80 |
| b | 9.10 | 10.00 | 10.50 | 10.70 | 10.00 | 9.90 | 9.80 | 9.70 | 9.40 | 8.80 | 8.20 | 7.80 | 7.10 | 6.20 |
| c | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| d | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

### Self contained luminaires **escape route optics**

**Distance table for plane emergency routes / distance data in meters**

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 300lm/480lm – **Battery duration: 3h**



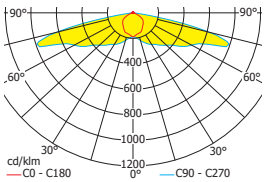

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 |
| a | 17.70 | 19.30 | 19.80 | 19.10 | 18.50 | 18.40 | 18.20 | 17.70 |
| b | 7.10 | 6.60 | 6.50 | 6.40 | 6.00 | 5.40 | 4.90 | 4.10 |
| c | – | – | – | – | – | – | – | – |
| d | – | – | – | – | – | – | – | – |

### Self contained luminaires **escape route optics**

**Distance table for plane emergency routes / distance data in meters**

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 130lm/480lm – **Battery duration: 8h**




| | | | | |
|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 |
| a | 13.70 | 12.90 | 12.70 | 12.50 |
| b | 4.50 | 4.30 | 3.80 | 3.20 |
| c | – | – | – | – |
| d | – | – | – | – |