



PROTECT BEL-T DM

Safety luminaire in compliance with EN 60598-1/2-22 and EN 1838.

IP65 safety luminaire made of polycarbonate with clear light cover, equipped with deep beam optics for high ceiling heights.

For unprotected outdoor installation we offer an accessory set with pressure compensation valve.

Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).



Technical specifications

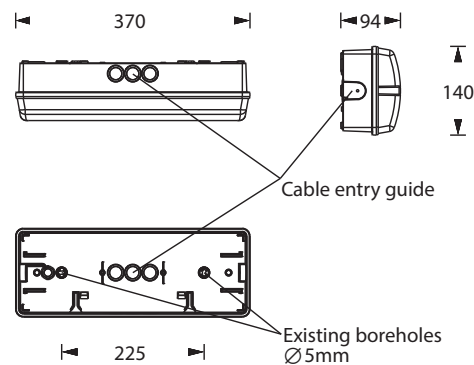
| Luminaire type | Luminaires for central battery systems | | | Self contained luminaires | |
|------------------------------------|---|----------------|-----------------|---------------------------|----------------|
| | 3 W LED-bar | 6 W LED-bar | 10 W LED-bar | 3 W LED-bar | 6 W LED-bar |
| Connecting terminals | 2 x 2.5 mm ² for double assignment | | | | |
| Colour | white | | | | |
| Material | Polycarbonate (light cover clear) | | | | |
| Mounting type | Ceiling mounting | | | | |
| Additional mounting types* | Ceiling mounting (wire suspension), Pendulum mounting | | | | |
| Dimensions (W x H x D) | DM 370 x 140 x 93 mm | | | | |
| Protection class | IP65 | | | | |
| Safety class | II | | | | |
| IK Safety class | IK08 | | | | |
| Light current (mains) | 350 lm | 600 lm | 1050 lm | 350 lm | 580 lm |
| Light current (emergency) | | | | | |
| Rated operating time 1h | - | - | - | 350 lm | 580 lm |
| Rated operating time 3h | - | - | - | 350 lm | 580 lm |
| Rated operating time 8h | - | - | - | - | 320 lm |
| Luminous flux | | | | | |
| Emergency (DC) / mains | | | | | |
| Rated operating time 1h | - | - | - | 100% / 100% | 100% / 100% |
| Rated operating time 3h | - | - | - | 100% / 100% | 100% / 100% |
| Rated operating time 8h | - | - | - | - | 55% / 100% |
| Power consumption | 6 VA | 10.3 VA | 15 VA | 6 VA | 11.5 VA |
| Battery current input | 19 mA | 27 mA | 41 mA | | |
| Battery duration | | | | | |
| Battery operation | | - | | 1h / 3h / 8h | |
| Voltage supply | 230V 50/60Hz; 220V DC +25/-20% | | | 230V 50/60Hz | |
| NiMH-battery | | | | | |
| Rated operating time 1h | - | - | - | 4,8V 2,0Ah | 4,8V 2,0Ah |
| Rated operating time 3h | - | - | - | 4,8V 4,2Ah | 4,8V 4,2Ah |
| Rated operating time 8h | - | - | - | - | 4,8V 4,2Ah |
| 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 | DALI ELC MSÜ3 SET009 SET010 | | | - | |
| Self monitoring | | | | SELF CHECK | |
| Central monitoring | | | | SAFELOG Line | |
| Wireless monitoring | | | | SAFELOG Wireless | |

* Optional accessory required

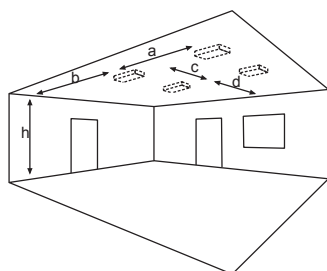
Accessories

- Universal cover plate
- Pressure compensation valve
- Pole and wall bracket
- Double pendulum set with long canopy
- Central pendulum sets with long canopy
- Central pendulum - Plastic
- Wire sets with long canopy
- Cable assembly set

Ceiling mounting



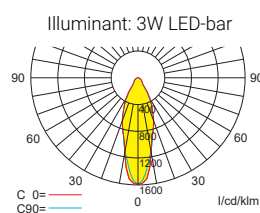
Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

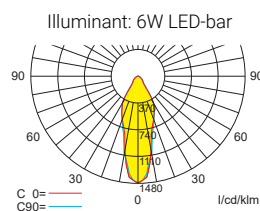


Luminous flux emergency / mains: 350lm

| | | | | | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| h | 7.00 | 8.00 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 |
| a | 9.60 | 10.50 | 11.20 | 11.90 | 12.30 | 12.60 | 12.90 | 13.00 | 13.10 | 12.80 | 12.70 | 12.20 | 11.50 | 11.00 |
| b | 4.10 | 4.40 | 4.50 | 4.60 | 4.60 | 4.50 | 4.20 | 3.90 | 3.60 | 3.20 | 2.80 | 2.20 | 1.80 | 0.90 |
| c | 9.60 | 10.50 | 11.30 | 12.00 | 12.50 | 12.80 | 12.90 | 13.00 | 12.90 | 12.70 | 12.50 | 12.10 | 11.50 | 10.90 |
| d | 4.20 | 4.50 | 4.50 | 4.60 | 4.50 | 4.40 | 4.20 | 3.90 | 3.40 | 3.10 | 3.00 | 2.60 | 2.20 | 1.60 |

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

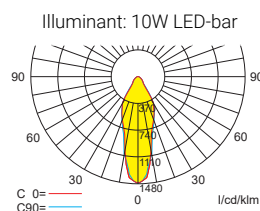


Luminous flux emergency / mains: 600lm

| | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| h | 7.00 | 8.00 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 | 22.00 | 23.00 | 24.00 |
| a | 11.30 | 11.90 | 13.10 | 14.10 | 15.00 | 15.70 | 16.30 | 17.10 | 17.40 | 17.70 | 17.70 | 17.30 | 16.90 | 16.30 | 15.80 | 15.20 | 14.30 | |
| b | 4.90 | 5.40 | 5.70 | 6.00 | 6.40 | 6.30 | 6.20 | 6.00 | 5.70 | 5.50 | 5.00 | 4.70 | 4.30 | 4.00 | 3.90 | 3.60 | 2.70 | 2.40 |
| c | 11.40 | 11.80 | 12.50 | 13.60 | 14.60 | 15.50 | 16.30 | 17.00 | 17.20 | 17.50 | 17.70 | 17.60 | 17.20 | 16.70 | 16.20 | 15.40 | 14.50 | 13.70 |
| d | 4.70 | 5.20 | 5.70 | 6.00 | 6.40 | 6.30 | 6.20 | 5.90 | 5.60 | 5.20 | 4.80 | 4.40 | 3.90 | 3.80 | 3.70 | 3.40 | 3.00 | 2.60 |

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

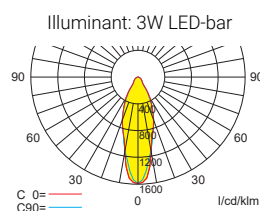


Luminous flux emergency / mains: 1050lm

| | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| h | 7.00 | 9.00 | 11.00 | 13.00 | 15.00 | 17.00 | 19.00 | 21.00 | 23.00 | 25.00 | 27.00 | 29.00 | 31.00 | 33.00 |
| a | 13.80 | 14.80 | 16.30 | 18.50 | 20.20 | 21.50 | 22.90 | 23.40 | 23.30 | 23.00 | 21.90 | 21.00 | 19.50 | 18.30 |
| b | 5.30 | 6.40 | 7.30 | 7.90 | 8.50 | 8.20 | 7.70 | 7.30 | 6.50 | 5.80 | 5.30 | 4.80 | 3.40 | 2.20 |
| c | 14.10 | 14.90 | 16.00 | 17.80 | 19.80 | 21.50 | 22.60 | 23.10 | 23.30 | 22.80 | 21.80 | 20.50 | 18.70 | 17.20 |
| d | 5.40 | 6.20 | 7.10 | 7.90 | 8.50 | 8.20 | 7.70 | 7.00 | 6.20 | 5.30 | 5.00 | 4.50 | 3.70 | 2.90 |

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

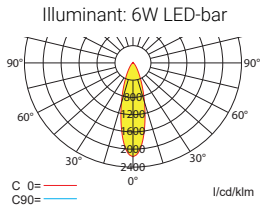


Luminous flux emergency / mains: 350lm/350lm – **Rated operating time: 1h**

| | | | | | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| h | 7.00 | 8.00 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 |
| a | 9.60 | 10.50 | 11.20 | 11.90 | 12.30 | 12.60 | 12.90 | 13.00 | 13.10 | 12.80 | 12.70 | 12.20 | 11.50 | 11.00 |
| b | 4.10 | 4.40 | 4.50 | 4.60 | 4.60 | 4.50 | 4.20 | 3.90 | 3.60 | 3.20 | 2.80 | 2.20 | 1.80 | 0.90 |
| c | 9.60 | 10.50 | 11.30 | 12.00 | 12.50 | 12.80 | 12.90 | 13.00 | 12.90 | 12.70 | 12.50 | 12.10 | 11.50 | 10.90 |
| d | 4.20 | 4.50 | 4.50 | 4.60 | 4.50 | 4.40 | 4.20 | 3.90 | 3.40 | 3.10 | 3.00 | 2.60 | 2.20 | 1.60 |

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 580lm/580lm – **Rated operating time: 3h**

| | | | | | |
|---|------|------|------|------|------|
| h | 4.00 | 5.00 | 6.00 | 7.00 | 8.00 |
| a | 3.90 | 4.10 | 4.10 | 4.10 | 3.90 |
| b | 1.50 | 1.40 | 1.30 | 1.10 | 0.50 |
| c | 3.90 | 4.10 | 4.10 | 4.10 | 3.90 |
| d | 1.50 | 1.40 | 1.30 | 1.10 | 0.50 |