IP40 | 3W LED | Colour

# BEAM AC-F

MADE in GERMANY

**Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.**
Extremely flat, architecturally attractive die-cast aluminum housing. Screwless, easy-to-use locking mechanism.
Version for surface ceiling mounting with cast acrylic optics for surface illumination due to circular light control characteristics.

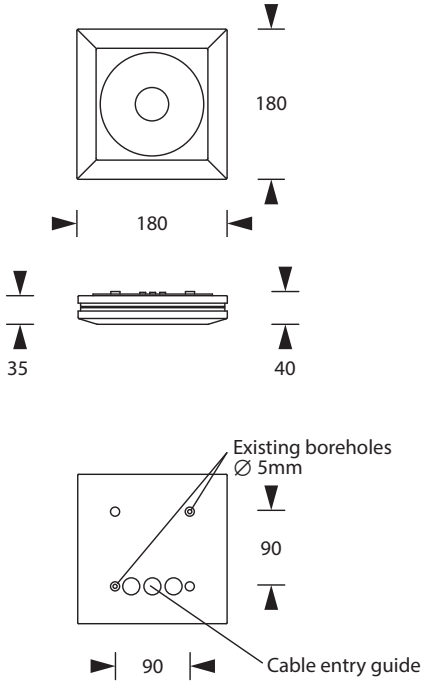


## Technical specifications

| Luminaire type | Luminaires for central battery systems | Self contained luminaires |
|---|---|---|
| Illuminant | 3 W LED | 3 W LED |
| Connecting terminals | 3 x 2.5 mm² for double assignment | |
| Colour | white | |
| Material | Aluminum die-cast | |
| Mounting type | Ceiling mounting | |
| Additional mounting types* | Ceiling mounting (wire suspension) | |
| Dimensions (W x H x D) | DM 180 x 35 x 180 mm | |
| Protection class | IP40 | |
| Safety class | I | |
| IK Safety class | IK03 | |
| Light current (mains) | 280 lm | 50 lm |
| Light current (emergency) | | |
| Battery duration 1h | – | 280 lm |
| Battery duration 3h | – | 280 lm |
| Battery duration 8h | – | 120 lm |
| Luminous flux Emergency (DC) / mains | | |
| Battery duration 1h | – | 100% / 20% |
| Battery duration 3h | – | 100% / 20% |
| Battery duration 8h | – | 45% / 20% |
| Power consumption | 6 VA | 5 VA |
| Battery current input | 15 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 | DALI ELC MSÜ3 SET009 SET010/025 | – |
| Self monitoring | – | SELF CHECK |
| Central monitoring | – | SAFELOG Line |
| Wireless monitoring | – | SAFELOG Wireless |

* Optional accessory required

## Ceiling mounting



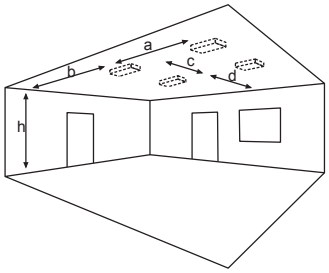

## Accessories

| |
|---|
| Wire guard |
| Back box |
| Cable assembly set |



Technical changes reserved / 04.11.2026

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

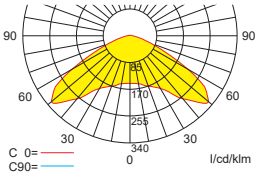



Ceiling mounting

### Luminaires for central battery systems **wide area optics**

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

Illuminant: 3W LED



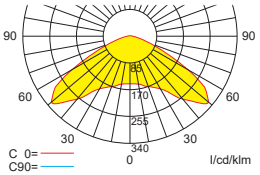

Luminous flux emergency / mains: 280lm

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| b | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |
| c | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| d | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |

### Self contained luminaires **wide area optics**

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

Illuminant: 3W LED



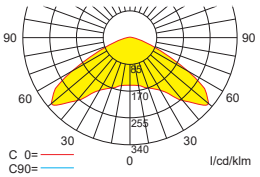

Luminous flux emergency / mains: 280lm/50lm – **Battery duration: 1h**

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| b | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |
| c | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| d | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |

### Self contained luminaires **wide area optics**

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

Illuminant: 3W LED



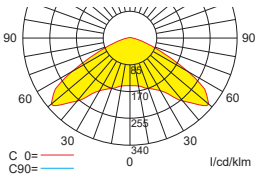

Luminous flux emergency / mains: 280lm/50lm – **Battery duration: 3h**

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| b | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |
| c | 10.50 | 11.90 | 13.20 | 14.10 | 14.60 | 14.90 | 14.80 | 14.60 | 14.20 | 12.00 | 9.90 | 7.80 |
| d | 4.70 | 5.10 | 5.20 | 5.20 | 5.00 | 4.50 | 3.30 | 2.00 | 0.90 | 0.80 | 0.80 | 0.80 |

### Self contained luminaires **wide area optics**

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

Illuminant: 3W LED




Luminous flux emergency / mains: 120lm/50lm – **Battery duration: 8h**

| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 |
|---|---|---|---|---|---|---|
| a | 9.00 | 9.60 | 9.70 | 9.50 | 7.70 | 6.00 |
| b | 3.40 | 3.20 | 2.40 | 1.10 | 1.00 | 1.00 |
| c | 9.00 | 9.60 | 9.70 | 9.50 | 7.70 | 6.00 |
| d | 3.40 | 3.20 | 2.40 | 1.10 | 1.00 | 1.00 |