IK07 | IP65 | 3W LED | Colour

# SAFE MINI D-F

MADE in GERMANY

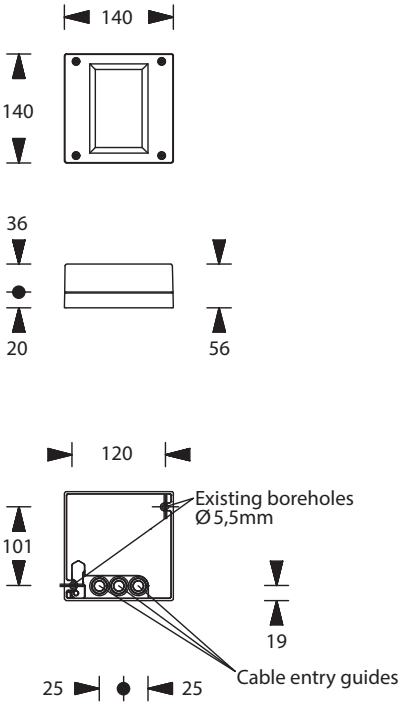
**Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.**
Weather-proof housing made of aluminum die-casting with a pane of safety glass.
Model for ceiling mounting with high-performance LED and cast acrylic optic for wide area illumination.
Cable inlet into the luminaire possible from the back.
Product includes an IP65 membrane pressure compensation valve.
Optionally, the luminaire can be delivered as a central battery version for a temperature range down to -35°C (unmonitored).
The self contained version is also available as a set with an external supply unit for indoor installation and lighting unit for outdoor mounting (suitable for a temperature range to -35°C).
Alternatively, the luminaire is available with a heating case incl. battery (4,8V 2,0Ah) to extend the temperature range in the luminaire to -20°C.



## 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 140 x 56 x 140 mm | |
| Protection class | IP65 | |
| Safety class | I | |
| IK Safety class | IK07 | |
| Light current (mains) | 280 lm | 120 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% / 45% |
| Battery duration 3h | – | 100% / 45% |
| Battery duration 8h | – | 45% / 45% |
| 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 4,8V 2,0Ah + AkH |
| Battery duration 3h | – | 4,8V 2,0Ah 4,8V 2,0Ah + AkH |
| Battery duration 8h | – | 4,8V 2,0Ah 4,8V 2,0Ah + AkH |
| Temperature range | -10°C to +40°C (monitored) / -20°C to +40°C (unmonitored) | – |
| 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 |

## Ceiling mounting






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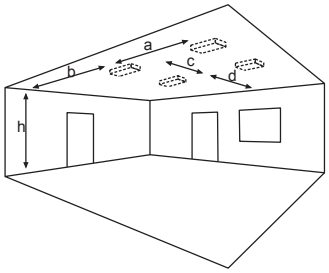
| | | |
|---|---|---|
| Central monitoring | – | SAFELOG Line |
| Wireless monitoring | – | SAFELOG Wireless |

* Optional accessory required

## Accessories

| |
|---|
| Rear mounting bracket |
| Chain assembly set |
| Cable assembly set |

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



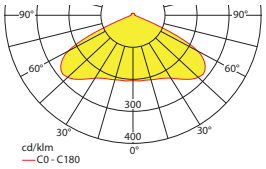

Ceiling mounting

### 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



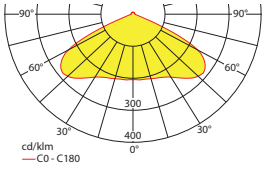

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 |
| a | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| b | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |
| c | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| d | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |

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

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

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 1h**



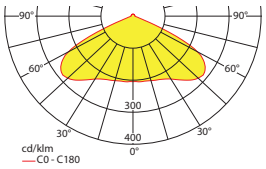

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 |
| a | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| b | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |
| c | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| d | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |

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

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

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 3h**



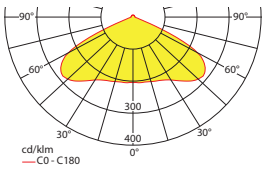

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 |
| a | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| b | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |
| c | 10.30 | 11.60 | 12.50 | 13.10 | 13.60 | 13.80 | 13.90 | 13.80 | 13.40 |
| d | 4.40 | 4.70 | 4.90 | 4.90 | 4.80 | 4.40 | 3.70 | 2.80 | 1.70 |

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

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

Illuminant: 3W LED

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




| | | | | |
|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 |
| a | 8.50 | 8.90 | 9.10 | 9.00 |
| b | 3.20 | 3.10 | 2.60 | 1.70 |
| c | 8.50 | 8.90 | 9.10 | 9.00 |
| d | 3.20 | 3.10 | 2.60 | 1.70 |



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