IK08 | IFS | 15lx | IP65 | 4x3W LED | Colour

# SAFE D-4T

MADE in GERMANY

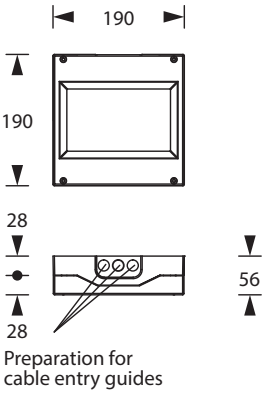
**Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.**
Weatherproof die-cast aluminum housing with safety glass pane. Version for ceiling mounting with four high-power LEDs and cast acrylic optics as hall downlight with deep beam optics.
Cable entry into luminaire housing from rear and bottom possible. Luminaire comes standard with IP65 membrane pressure compensation valve.
Optionally, the luminaire can be supplied as a central battery variant for a temperature range down to -35°C (unmonitored).
The single battery variant is also available as a set with external supply unit for indoor installation and luminaire unit for outdoor installation (suitable for a temperature range down to -35°C).
Alternatively, the luminaire is available with battery heater (4.8V 4.2Ah) to extend the temperature range inside the luminaire to -20°C.

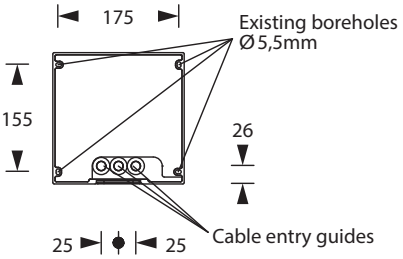


## Technical specifications

| Luminaire type | Luminaires for central battery systems | Self contained luminaires |
|---|---|---|
| Illuminant | 4 x 3 W LED | 4 x 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 190 x 56 x 190 mm | |
| Protection class | IP65 | |
| Safety class | I | |
| IK Safety class | IK08 | |
| Light current (mains) | 960 lm | 960 lm |
| Light current (emergency) | | |
| Battery duration 1h | – | 580 lm |
| Battery duration 3h | – | 580 lm |
| Battery duration 8h | – | 320 lm |
| Luminous flux Emergency (DC) / mains | | |
| Battery duration 1h | – | 60% / 100% |
| Battery duration 3h | – | 60% / 100% |
| Battery duration 8h | – | 30% / 100% |
| Power consumption | 19.2 VA | 18.7 VA |
| Battery current input | 50 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 4,2Ah 4,8V 4,2Ah + AkH |
| Battery duration 8h | – | 4,8V 4,2Ah 4,8V 4,2Ah + 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 | ELC MSÜ3 SET009 SET010/025 | – |
| Self monitoring | – | SELF CHECK |

## Ceiling mounting






Technical changes reserved / 04.11.2026

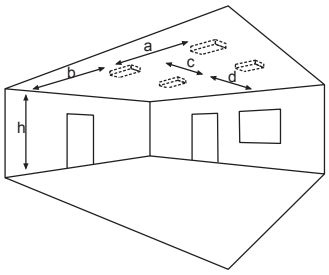
| | | |
|---|---|---|
| Central monitoring | – | SAFELOG Line |
| Wireless monitoring | – | SAFELOG Wireless |

* Optional accessory required

## Accessories

| |
|---|
| Rear mounting bracket |
| Pole and wall bracket |
| Chain assembly set |
| Cable assembly set |

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



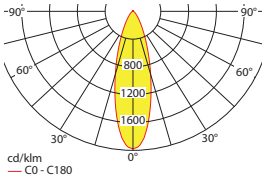

Ceiling mounting

### Luminaires for central battery systems **downlight optics**

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

Illuminant: 4 x 3W LED

Luminous flux emergency / mains: 960lm



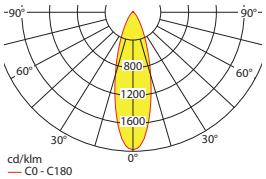

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | 7.00 | 9.00 | 11.00 | 13.00 | 15.00 | 17.00 | 19.00 | 21.00 | 23.00 | 25.00 | 27.00 | 29.00 | 31.00 | 33.00 | 35.00 | 37.00 | 39.00 |
| a | 12.90 | 14.40 | 15.60 | 16.70 | 17.70 | 18.50 | 19.20 | 19.80 | 20.30 | 20.60 | 20.90 | 21.00 | 21.10 | 21.00 | 20.80 | 20.50 | 20.00 |
| b | 5.30 | 5.90 | 6.30 | 6.70 | 7.00 | 7.20 | 7.40 | 7.40 | 7.40 | 7.30 | 7.10 | 6.90 | 6.50 | 6.10 | 5.40 | 4.60 | 3.50 |
| c | 12.90 | 14.40 | 15.60 | 16.70 | 17.70 | 18.50 | 19.20 | 19.80 | 20.30 | 20.60 | 20.90 | 21.00 | 21.10 | 21.00 | 20.80 | 20.50 | 20.00 |
| d | 5.30 | 5.90 | 6.30 | 6.70 | 7.00 | 7.20 | 7.40 | 7.40 | 7.40 | 7.30 | 7.10 | 6.90 | 6.50 | 6.10 | 5.40 | 4.60 | 3.50 |

### Self contained luminaires **downlight optics**

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

Illuminant: 4 x 3W LED

Luminous flux emergency / mains: 580lm/960lm – **Battery duration: 1h**



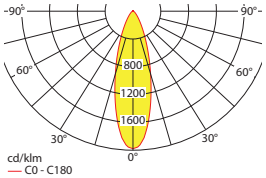

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | 7.00 | 9.00 | 11.00 | 13.00 | 15.00 | 17.00 | 19.00 | 21.00 | 23.00 | 25.00 | 27.00 | 29.00 | 31.00 |
| a | 11.20 | 12.40 | 13.50 | 14.30 | 15.00 | 15.60 | 16.00 | 16.30 | 16.40 | 16.30 | 16.20 | 15.90 | 15.40 |
| b | 4.60 | 5.00 | 5.40 | 5.60 | 5.70 | 5.80 | 5.70 | 5.50 | 5.30 | 4.90 | 4.30 | 3.50 | 2.00 |
| c | 11.20 | 12.40 | 13.50 | 14.30 | 15.00 | 15.60 | 16.00 | 16.30 | 16.40 | 16.30 | 16.20 | 15.90 | 15.40 |
| d | 4.60 | 5.00 | 5.40 | 5.60 | 5.70 | 5.80 | 5.70 | 5.50 | 5.30 | 4.90 | 4.30 | 3.50 | 2.00 |

### Self contained luminaires **downlight optics**

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

Illuminant: 4 x 3W LED

Luminous flux emergency / mains: 580lm/960lm – **Battery duration: 3h**



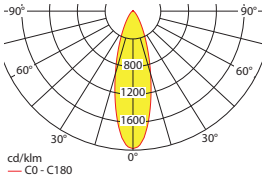

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | 7.00 | 9.00 | 11.00 | 13.00 | 15.00 | 17.00 | 19.00 | 21.00 | 23.00 | 25.00 | 27.00 | 29.00 | 31.00 |
| a | 11.20 | 12.40 | 13.50 | 14.30 | 15.00 | 15.60 | 16.00 | 16.30 | 16.40 | 16.30 | 16.20 | 15.90 | 15.40 |
| b | 4.60 | 5.00 | 5.40 | 5.60 | 5.70 | 5.80 | 5.70 | 5.50 | 5.30 | 4.90 | 4.30 | 3.50 | 2.00 |
| c | 11.20 | 12.40 | 13.50 | 14.30 | 15.00 | 15.60 | 16.00 | 16.30 | 16.40 | 16.30 | 16.20 | 15.90 | 15.40 |
| d | 4.60 | 5.00 | 5.40 | 5.60 | 5.70 | 5.80 | 5.70 | 5.50 | 5.30 | 4.90 | 4.30 | 3.50 | 2.00 |

### Self contained luminaires **downlight optics**

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

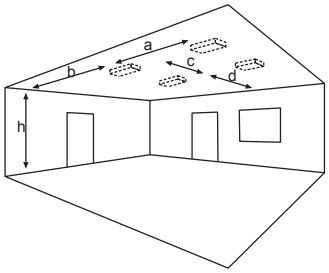
Illuminant: 4 x 3W LED

Luminous flux emergency / mains: 320lm/960lm – **Battery duration: 8h**




| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| a | 9.40 | 9.90 | 10.40 | 10.80 | 11.10 | 11.40 | 11.70 | 11.80 | 12.00 | 12.10 | 12.10 | 12.20 | 12.10 | 12.00 | 11.90 | 11.70 | 11.40 |
| b | 3.80 | 4.00 | 4.10 | 4.20 | 4.30 | 4.30 | 4.30 | 4.20 | 4.20 | 4.10 | 4.00 | 3.70 | 3.50 | 3.20 | 2.80 | 2.30 | 1.50 |
| c | 9.40 | 9.90 | 10.40 | 10.80 | 11.10 | 11.40 | 11.70 | 11.80 | 12.00 | 12.10 | 12.10 | 12.20 | 12.10 | 12.00 | 11.90 | 11.70 | 11.40 |
| d | 3.80 | 4.00 | 4.10 | 4.20 | 4.30 | 4.30 | 4.30 | 4.20 | 4.20 | 4.10 | 4.00 | 3.70 | 3.50 | 3.20 | 2.80 | 2.30 | 1.50 |

## Lighting data and tables of luminaire distances (E = 18,75 lx)

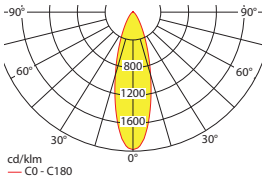



Ceiling mounting

### Luminaires for central battery systems **downlight optics**

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

Illuminant: 4 x 3W LED



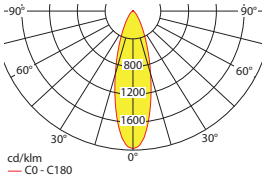

Luminous flux emergency / mains: 960lm

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| h | 4.00 | 5.00 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 |
| a | 4.60 | 5.00 | 5.20 | 5.40 | 5.40 | 5.40 | 5.20 |
| b | 1.80 | 1.90 | 1.90 | 1.80 | 1.70 | 1.40 | 0.90 |
| c | 4.60 | 5.00 | 5.20 | 5.40 | 5.40 | 5.40 | 5.20 |
| d | 1.80 | 1.90 | 1.90 | 1.80 | 1.70 | 1.40 | 0.90 |

### Self contained luminaires **downlight optics**

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

Illuminant: 4 x 3W LED



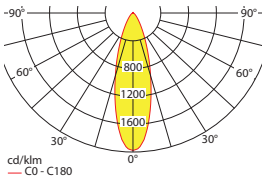

Luminous flux emergency / mains: 580lm/960lm – **Battery duration: 1h**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 3.30 | 3.50 | 3.70 | 3.90 | 4.00 | 4.10 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.00 |
| b | 1.30 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.40 | 1.30 | 1.20 | 1.10 | 0.90 | 0.50 |
| c | 3.30 | 3.50 | 3.70 | 3.90 | 4.00 | 4.10 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.00 |
| d | 1.30 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.40 | 1.30 | 1.20 | 1.10 | 0.90 | 0.50 |

### Self contained luminaires **downlight optics**

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

Illuminant: 4 x 3W LED




Luminous flux emergency / mains: 580lm/960lm – **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 | 3.30 | 3.50 | 3.70 | 3.90 | 4.00 | 4.10 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.00 |
| b | 1.30 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.40 | 1.30 | 1.20 | 1.10 | 0.90 | 0.50 |
| c | 3.30 | 3.50 | 3.70 | 3.90 | 4.00 | 4.10 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.00 |
| d | 1.30 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.40 | 1.30 | 1.20 | 1.10 | 0.90 | 0.50 |