IP65 | 2x3W LED | Colour

# IMPACT A-2F-IP65

MADE in GERMANY

**Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.**
Very robust, screwed safety luminaire made of white polycarbonate with protection class IP65. Cable entry into luminaire housing at rear and side. Version for ceiling mounting with two 3 W high-power LEDs.
Optics for area illumination. Standard IP65 membrane pressure equalization valve. Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).

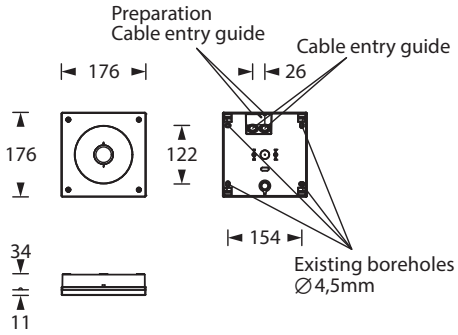


## Technical specifications

| Luminaire type | Luminaires for central battery systems | Self contained luminaires |
|---|---|---|
| Illuminant | 2 x 3 W LED | 2 x 3 W LED |
| Connecting terminals | 2 x 2.5 mm² for double assignment | |
| Colour | white | |
| Material | Polycarbonate | |
| Mounting type | Ceiling mounting | |
| Additional mounting types* | Ceiling mounting (wire suspension), Pendulum mounting | |
| Dimensions (W x H x D) | DM 176 x 45 x 176 mm | |
| Protection class | IP65 | |
| Safety class | II | |
| IK Safety class | IK03 | |
| Light current (mains) | 480 lm | 360 lm |
| Light current (emergency) | | |
| Battery duration 1h | – | 480 lm |
| Battery duration 3h | – | 480 lm |
| Battery duration 8h | – | 240 lm |
| Luminous flux Emergency (DC) / mains | | |
| Battery duration 1h | – | 100% / 75% |
| Battery duration 3h | – | 100% / 75% |
| Battery duration 8h | – | 50% / 75% |
| Power consumption | 10 VA | 8 VA |
| Battery current input | 25 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 | – |
| 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



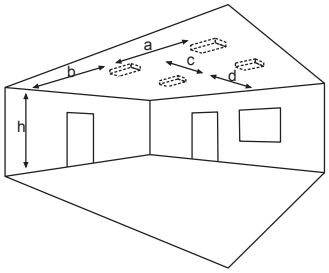



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## Accessories

| |
|---|
| Pole and wall bracket |
| Chain assembly set |
| Double pendulum set with long canopy |
| Central pendulum sets with long canopy |
| Wire sets with long canopy |
| Cable assembly set |

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



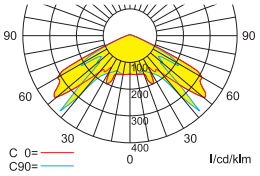

Ceiling mounting

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

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

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm



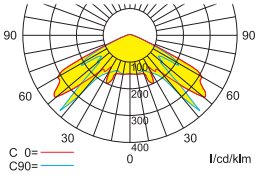

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 |
| a | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| b | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |
| c | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| d | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |

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

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

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 1h**



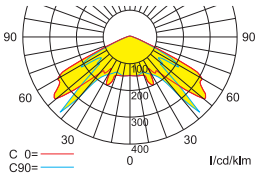

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 |
| a | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| b | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |
| c | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| d | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |

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

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

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 3h**



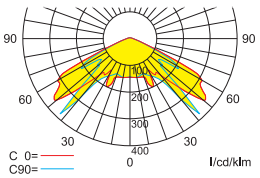

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 |
| a | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| b | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |
| c | 10.60 | 12.00 | 12.80 | 13.00 | 13.60 | 12.50 | 12.90 | 12.80 | 13.60 | 13.60 |
| d | 4.70 | 5.20 | 4.30 | 4.60 | 4.70 | 5.10 | 5.50 | 5.90 | 2.60 | 1.70 |

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

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

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 240lm/360lm – **Battery duration: 8h**




| | | | | | | |
|---|---|---|---|---|---|---|
| h | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 |
| a | 9.10 | 9.40 | 8.70 | 9.20 | 9.50 | 9.40 |
| b | 3.10 | 3.20 | 3.60 | 4.00 | 2.30 | 1.10 |
| c | 9.10 | 9.40 | 8.70 | 9.20 | 9.50 | 9.40 |
| d | 3.10 | 3.20 | 3.60 | 4.00 | 2.30 | 1.10 |



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