



# IMPACT A-2T-IP65

## Safety luminaire in compliance with EN 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.

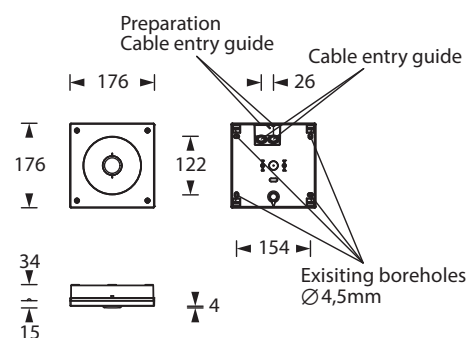
Low beam optics for high ceiling heights. IP65 membrane pressure equalization valve as standard. Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).

## 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 mm <sup>2</sup> 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 49 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                   | –                                                     | 1h / 3h / 8h                   |
| Battery operation                  |                                                       |                                |
| Voltage supply                     | 230V 50/60Hz;<br>220V DC +25/-20%                     | 230V 50/60Hz                   |
| NiMH-battery                       |                                                       |                                |
| Battery duration 1h                | –                                                     | 4,8V 2,0Ah<br>4,8V 2,0Ah + AkH |
| Battery duration 3h                | –                                                     | 4,8V 4,2Ah<br>4,8V 4,2Ah + AkH |
| Battery duration 8h                | –                                                     | 4,8V 4,2Ah<br>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<br>ELC<br>MSÜ3<br>SET009<br>SET010               | –                              |
| Self monitoring                    | –                                                     | SELF CHECK                     |
| Central monitoring                 | –                                                     | SAFELOG Line                   |
| Wireless monitoring                | –                                                     | SAFELOG Wireless               |



## Ceiling mounting



\* Optional accessory required

## Accessories

Pole and wall bracket

Chain assembly set

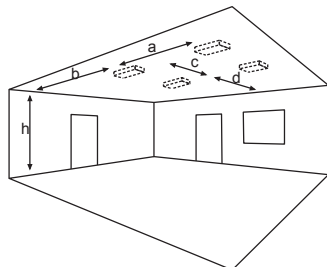
Double pendulum set with long canopy

Central pendulum sets with long canopy

Wire sets with long canopy

Cable assembly set

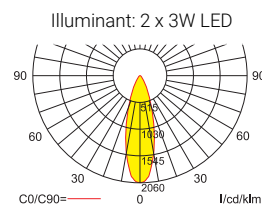
## Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

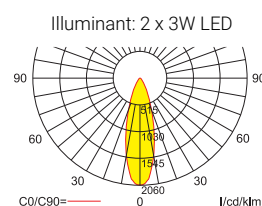


Luminous flux emergency / mains: 480lm

|   |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| b | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |
| c | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| d | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |

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

Distance table for plane emergency routes / distance data in meters

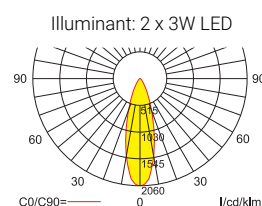


Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 1h**

|   |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 21.00 | 22.00 | 23.00 | 24.00 |
| a | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| b | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |
| c | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| d | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |

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

Distance table for plane emergency routes / distance data in meters

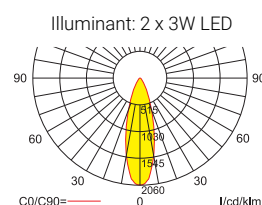


Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 3h**

|   |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| b | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |
| c | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.40 | 12.80 | 13.30 | 13.40 | 13.60 | 13.60 | 13.90 | 14.20 | 14.20 | 14.20 | 14.10 | 13.90 | 14.00 |
| d | 4.10 | 4.30  | 4.40  | 4.70  | 4.80  | 4.80  | 4.90  | 5.00  | 5.00  | 4.90  | 4.90  | 4.90  | 4.80  | 4.60  | 4.40  | 4.20  | 3.90  | 3.40  |

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

Distance table for plane emergency routes / distance data in meters



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

|   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| h | 6.00 | 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 |
| a | 7.50 | 8.20 | 8.60 | 8.90 | 9.40  | 9.60  | 9.60  | 9.90  | 10.00 | 10.10 | 9.90  | 9.90  | 9.80  | 9.60  |
| b | 3.10 | 3.30 | 3.40 | 3.40 | 3.50  | 3.50  | 3.50  | 3.50  | 3.30  | 3.00  | 2.90  | 2.40  | 1.90  | 1.00  |
| c | 7.50 | 8.20 | 8.60 | 8.90 | 9.40  | 9.60  | 9.60  | 9.90  | 10.00 | 10.10 | 9.90  | 9.90  | 9.80  | 9.60  |
| d | 3.10 | 3.30 | 3.40 | 3.40 | 3.50  | 3.50  | 3.50  | 3.50  | 3.30  | 3.00  | 2.90  | 2.40  | 1.90  | 1.00  |