



# SPOT-LIGHT 100 ER-2F

## Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.

Nearly ceiling-flush recessed safety luminaire with round head made of white polycarbonate and protection class IP54 at the luminaire head. Available with different supply containers depending on the variant.

To reduce maintenance costs, the luminaire in the single battery variant has an easily accessible battery that can be replaced without tools.

A square cover frame is available as an option.

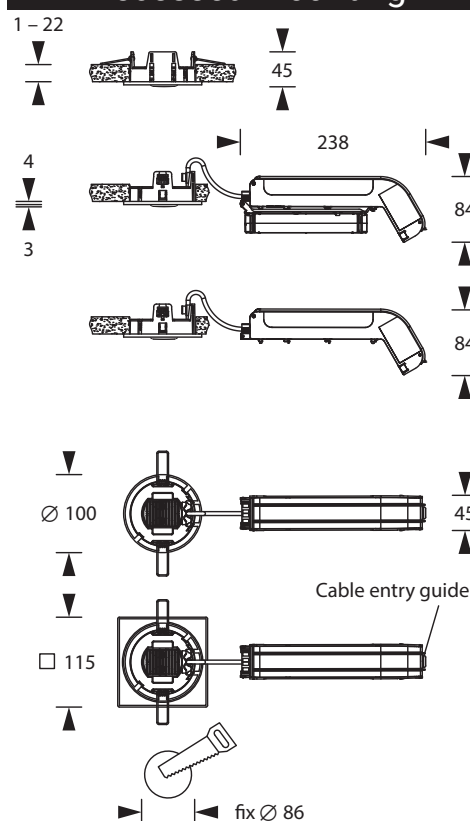
Equipped with two 3W power LEDs and additional aluminum LED heat sink.

## 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                           | Aluminum die-cast/Polycarbonate               |                           |
| Mounting type                      | Recessed mounting                             |                           |
| Dimensions (Ø x D)                 | DE 100 x 45 mm                                |                           |
| Dimensions Container (W x H x D)   | 238 x 84 x 45 mm                              |                           |
| Ceiling cutout (Ø)                 | 86 mm                                         |                           |
| Min. installation depth            | 100 mm                                        |                           |
| Protection class                   | IP54                                          |                           |
| Protection class container         | IP20                                          |                           |
| 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                |
| Battery duration 3h                | –                                             | 4,8V 4,2Ah                |
| Battery duration 8h                | –                                             | 4,8V 4,2Ah                |
| 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>SET010/025   | –                         |
| Self monitoring                    | –                                             | SELF CHECK                |
| Central monitoring                 | –                                             | SAFELOG Line              |
| Wireless monitoring                | –                                             | SAFELOG Wireless          |



## Recessed mounting



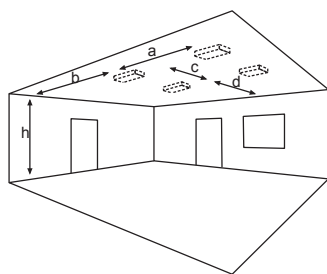
Attention: Minimum installation depth 100mm

## Accessories

Ceiling frame - Polycarbonate

Universal cover plate

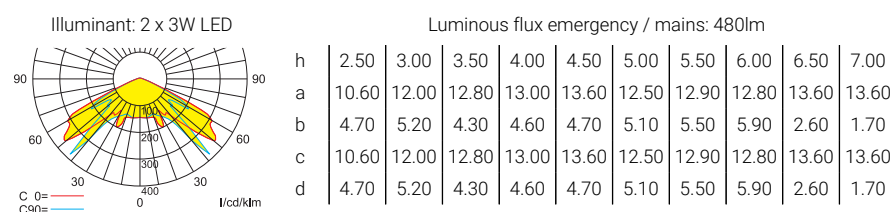
## Lighting data and tables of luminaire distances ( $E = 1,25 \text{ lx}$ )



Ceiling mounting

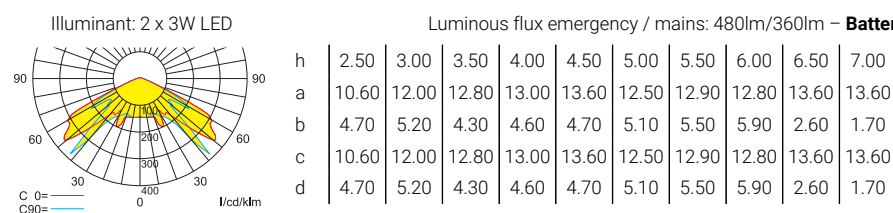
### Luminaires for central battery systems wide area optics

Distance table for plane emergency routes / distance data in meters



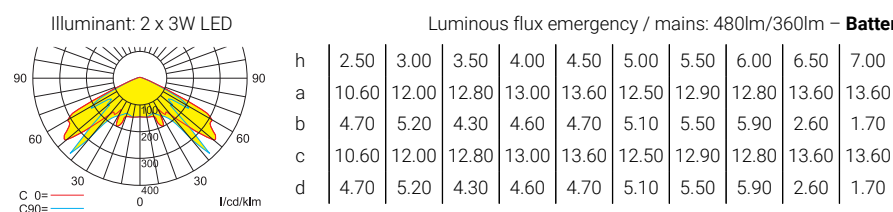
### Self contained luminaires wide area optics

Distance table for plane emergency routes / distance data in meters



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