

# SPOT-LIGHT 80-PC ER-R

## 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.

To reduce maintenance costs, the battery of the single-battery version can be replaced without tools via a click system.

With optics for escape route illumination.

A square cover frame is available as an option.

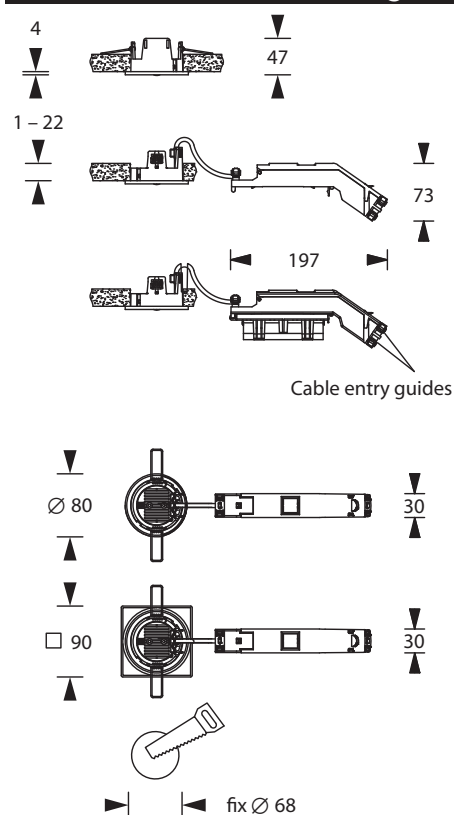
Equipped with a 3W power LED (switching type: standby).

## Technical specifications

| Luminaire type                     | Luminaires for central battery systems        | Self contained luminaires |
|------------------------------------|-----------------------------------------------|---------------------------|
| Illuminant                         | 3 W LED                                       | 3 W LED                   |
| Connecting terminals               | 2 x 2.5 mm <sup>2</sup> for double assignment |                           |
| Colour                             | white                                         |                           |
| Material                           | Polycarbonate                                 |                           |
| Mounting type                      | Recessed mounting                             |                           |
| Dimensions (Ø x D)                 | DE 80 x 47 mm                                 |                           |
| Dimensions Container (W x H x D)   | 197 x 73 x 30 mm                              |                           |
| Ceiling cutout (Ø)                 | 68 mm                                         |                           |
| Min. installation depth            | 80 mm                                         |                           |
| Protection class                   | IP40                                          |                           |
| Protection class container         | IP20                                          |                           |
| Safety class                       | II                                            |                           |
| IK Safety class                    | IK03                                          |                           |
| 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                   | –                                             | 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 2,0Ah                |
| Battery duration 8h                | –                                             | 4,8V 2,0Ah                |
| 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 | ELC<br>MSÜ3<br>SET009<br>SET010               | –                         |
| Self monitoring                    | –                                             | SELF CHECK                |
| Central monitoring                 | –                                             | SAFELOG Line              |
| Wireless monitoring                | –                                             | SAFELOG Wireless          |



## Recessed mounting



Attention: Minimum installation depth 80mm

## Accessories

Ceiling frame - Polycarbonate

Universal cover plate

5lx-optics accessories-set

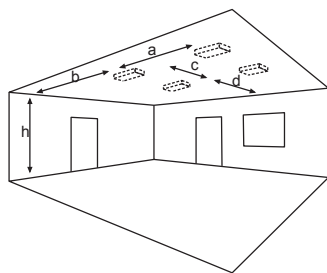
Downlight-optics accessories-set

## Use in device boxes

The following device boxes are compatible with the luminaire (not included in the scope of delivery)

| Type                                                      | Manufacturer | Manufacturer Art. No. | Remarks                                                                                   |
|-----------------------------------------------------------|--------------|-----------------------|-------------------------------------------------------------------------------------------|
| Concrete installation housings for on-side mixed concrete | KAISER       | 1281-00               | HALOX 100 with tunnel 190 KAISER Art. No. 1281-30 with e.g. cover KAISER Art. No. 1281-03 |
| Concrete installation housings for on-side mixed concrete | KAISER       | 1282-00               | HALOX 180 with tunnel 190 KAISER Art. No. 1282-30 with e.g. cover KAISER Art. No. 1282-10 |

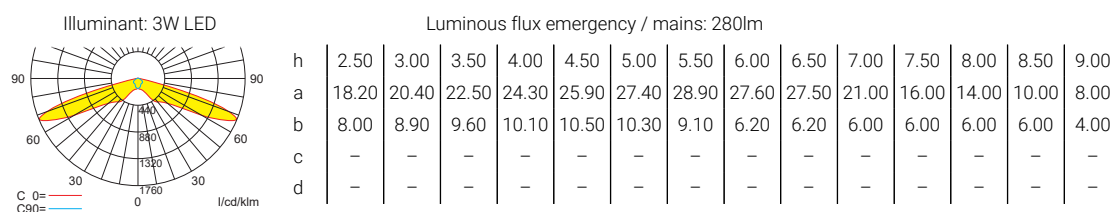
## Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

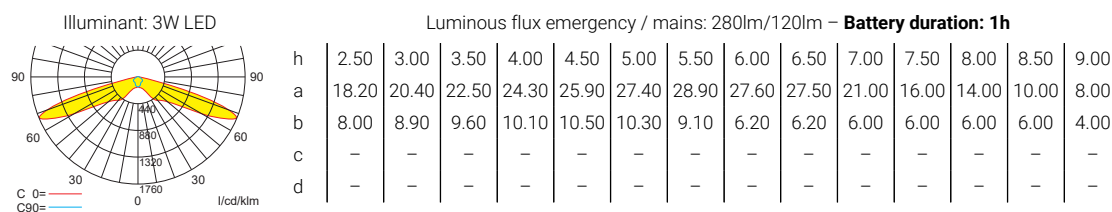
### Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters



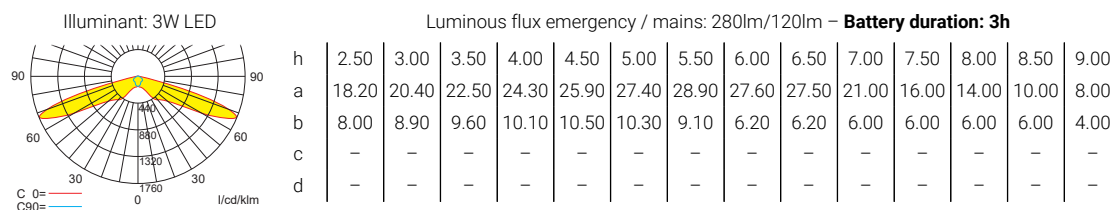
### Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters



### Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters



### Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

