



# L-STAR A-R

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

Extremely flat, visually attractive sheet steel housing, powder-coated in white. Version for ceiling mounting with cast acrylic optics for escape route illumination.

## Technical specifications

| Luminaire type                     | Luminaires for central battery systems        | Self contained luminaires |
|------------------------------------|-----------------------------------------------|---------------------------|
| Illuminant                         | 3 W LED                                       | 3 W LED                   |
| Connecting terminals               | 3 x 2.5 mm <sup>2</sup> for double assignment |                           |
| Colour                             | white                                         |                           |
| Material                           | Sheet steel                                   |                           |
| Mounting type                      | Ceiling mounting                              |                           |
| Additional mounting types*         | Ceiling mounting (wire suspension)            |                           |
| Dimensions (W x H x D)             | DM 180 x 28 x 180 mm                          |                           |
| Protection class                   | IP40                                          |                           |
| Safety class                       | I                                             |                           |
| IK Safety class                    | IK03                                          |                           |
| Light current (mains)              | 280 lm                                        | 50 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% / 20%                |
| Battery duration 3h                | –                                             | 100% / 20%                |
| Battery duration 8h                | –                                             | 45% / 20%                 |
| 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 | DALI<br>ELC<br>MSÜ3<br>SET009<br>SET010       | –                         |
| Self monitoring                    | –                                             | SELF CHECK                |
| Central monitoring                 | –                                             | SAFELOG Line              |
| Wireless monitoring                | –                                             | SAFELOG Wireless          |

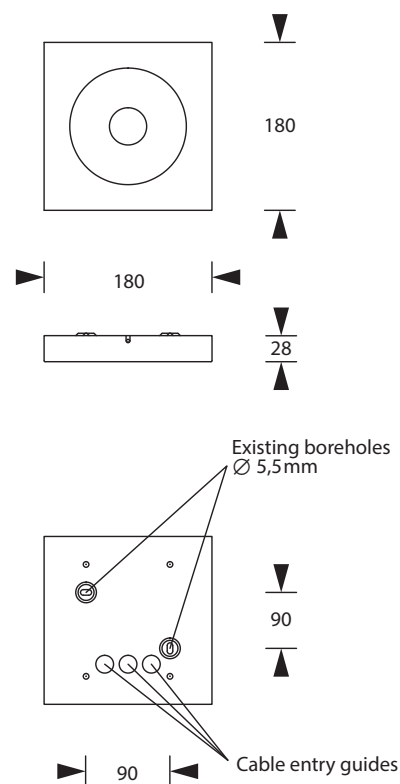
\* Optional accessory required

## Accessories

|                                  |
|----------------------------------|
| Wire guard                       |
| Back box                         |
| 5lx-optics accessories-set       |
| Downlight-optics accessories-set |
| Cable assembly set               |



## Ceiling mounting



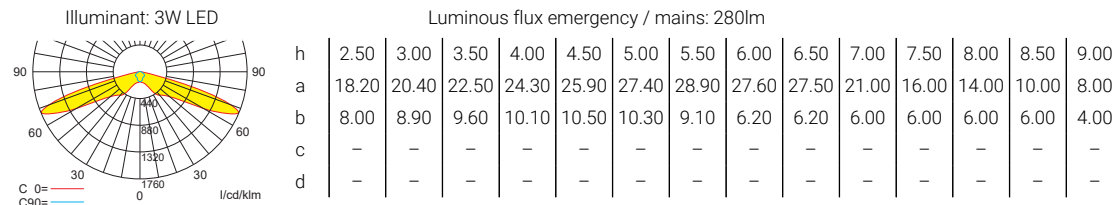
## Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

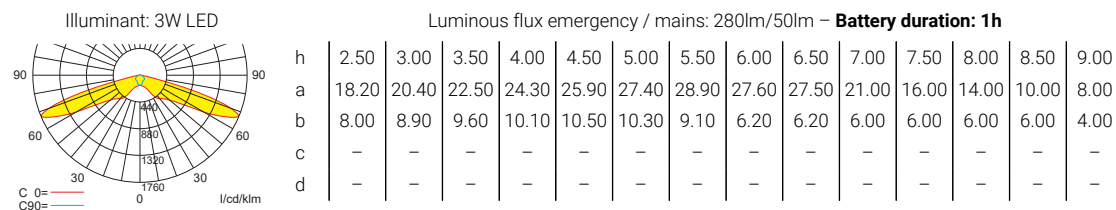
### Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters



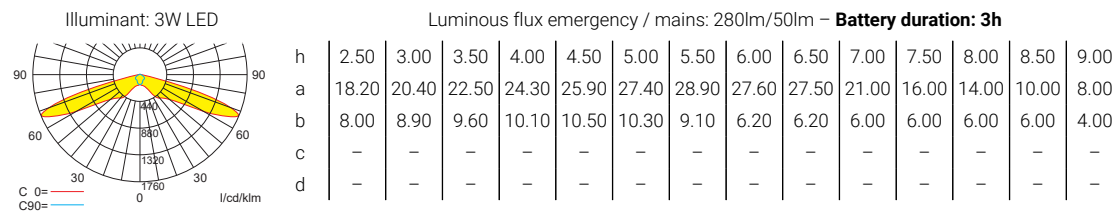
### Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters



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