



# ARCLUX

## Safety luminaire according to EN IEC 60598-1/2-22 and EN 1838.

General and safety luminaire with optional microwave motion sensor, suitable for monitored control gear with switching input. The cover is opal and made of PMMA (thermoplastic material), the lower part is made of sheet steel. Very fast, screwless mounting.

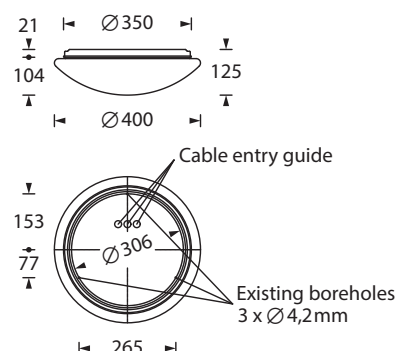
The luminaire is suitable for wall and ceiling mounting and has an output of 1.250lm or 2.500lm and as a single battery luminaire 1.000lm.



## Technical specifications

| Luminaire type                     | Luminaires for central battery systems        |              | Self contained luminaires |
|------------------------------------|-----------------------------------------------|--------------|---------------------------|
|                                    | 15 W LED-bar                                  | 30 W LED-bar | 15 W LED-bar              |
| Illuminant                         | 3 x 2.5 mm <sup>2</sup> for double assignment |              |                           |
| Colour                             | white                                         |              |                           |
| Material                           | PMMA/sheet steel (light cover opal)           |              |                           |
| Light color                        | 4000K                                         |              |                           |
| Mounting type                      | Wall-/ceiling mounting                        |              |                           |
| Dimensions (Ø x H)                 | WM/DM 400 x 125 mm                            |              |                           |
| Protection class                   | IP40                                          |              |                           |
| Safety class                       | I                                             |              |                           |
| IK Safety class                    | IK03                                          |              |                           |
| Light current (mains)              | 1250 lm                                       | 2500 lm      | 1000 lm                   |
| Light current (emergency)          |                                               |              |                           |
| Battery duration 1h                | –                                             | –            | 600 lm                    |
| Battery duration 3h                | –                                             | –            | 600 lm                    |
| Battery duration 8h                | –                                             | –            | 270 lm                    |
| Luminous flux                      |                                               |              |                           |
| Emergency (DC) / mains             |                                               |              |                           |
| Battery duration 1h                | –                                             | –            | 60% / 100%                |
| Battery duration 3h                | –                                             | –            | 60% / 100%                |
| Battery duration 8h                | –                                             | –            | 25% / 100%                |
| Power consumption                  | 19.2 VA                                       | 25 VA        | 18.7 VA                   |
| Battery current input              | 50 mA                                         | 100 mA       | –                         |
| Battery duration                   | –                                             |              | 1h / 3h / 8h              |
| Battery operation                  |                                               |              |                           |
| Voltage supply                     | 230V 50/60Hz; 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<br>Wireless       |

## Wall-/ceiling mounting



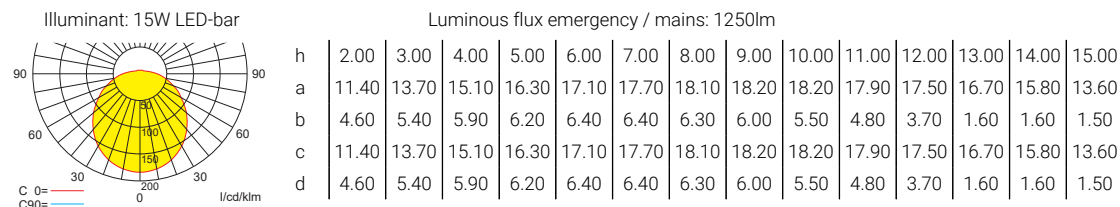
## Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

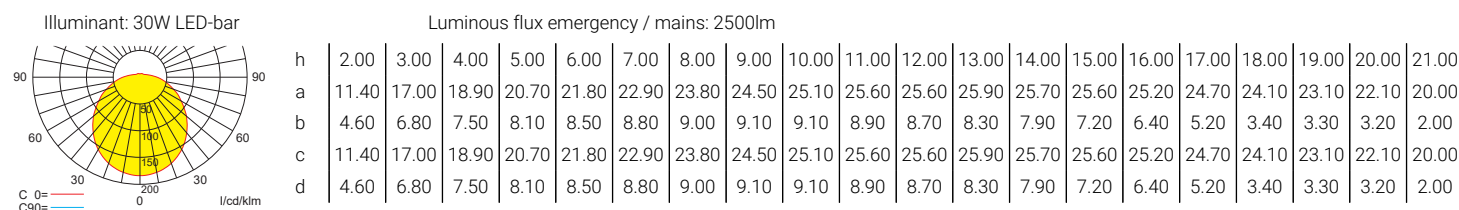
### Luminaires for central battery systems Wide area illumination

Distance table for plane emergency routes / distance data in meters



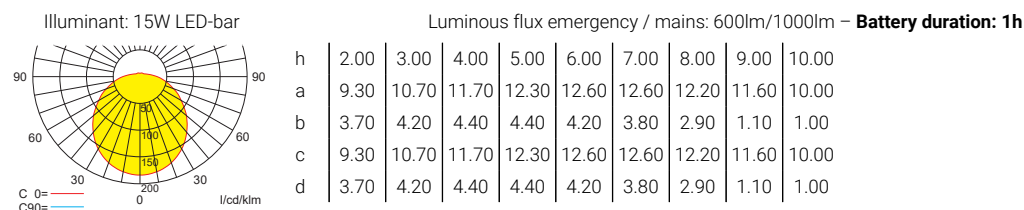
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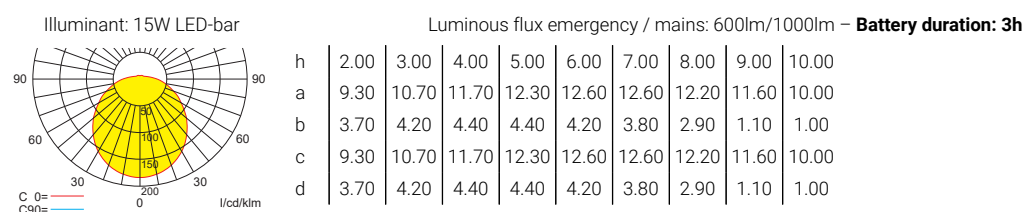
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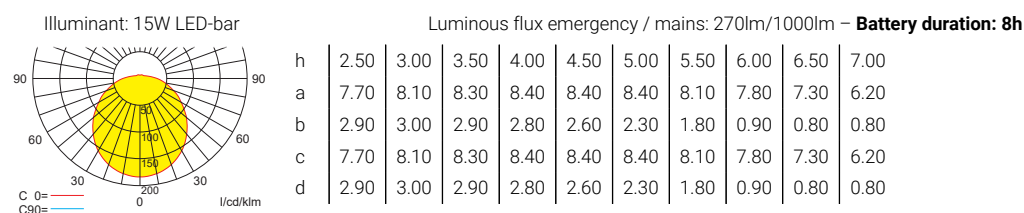
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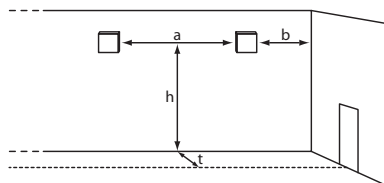
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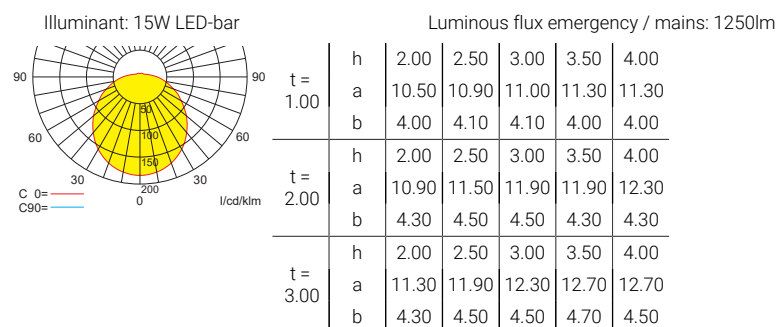




Wall mounting

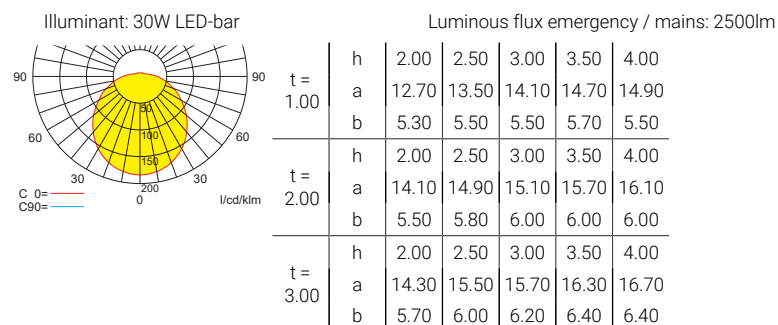
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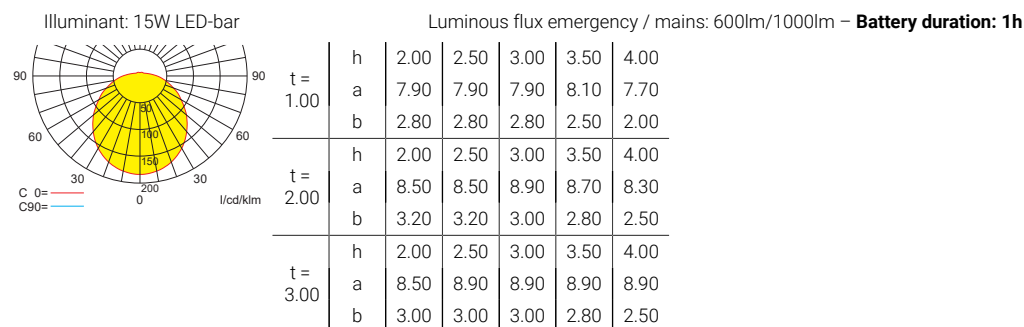
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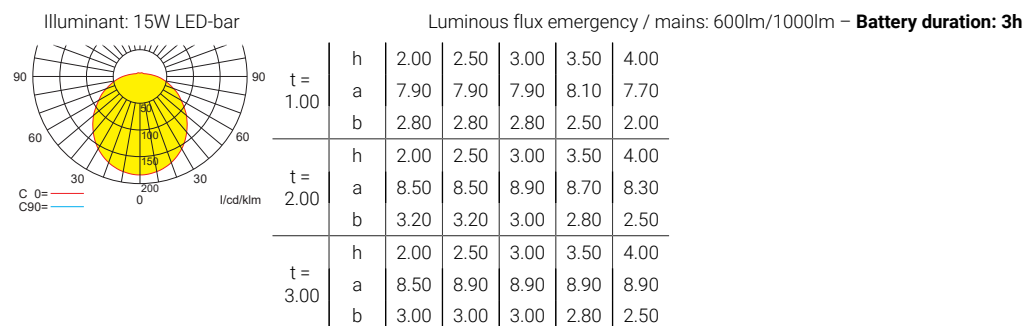
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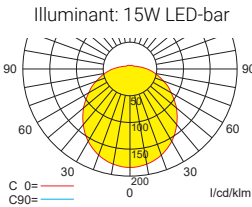
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## Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters





Luminous flux emergency / mains: 270lm/1000lm – **Battery duration: 8h**

|             |   |      |      |      |
|-------------|---|------|------|------|
| t =<br>1.00 | h | 2.00 | 2.50 | 3.00 |
|             | a | 5.50 | 5.50 | 5.10 |
|             | b | 1.10 | 1.70 | 1.10 |
| t =<br>2.00 | h | 2.00 | 2.50 | 3.00 |
|             | a | 5.90 | 5.90 | 5.50 |
|             | b | 1.90 | 1.70 | 1.30 |
| t =<br>3.00 | h | 2.00 | 2.50 | 3.00 |
|             | a | 5.50 | 5.50 | 5.50 |
|             | b | 1.30 | 1.10 | 0.60 |