

# L-PLAST 200 UM-BEL

## Multi-purpose luminaire in compliance with EN 60598-1/2-22 and EN 1838.

Polycarbonate housing with clear luminaire cover for one or two-sided pictogram attachment with high cover for wall or ceiling mounting.

The luminaire price includes one pictogram foil set per luminaire - arrow left/right/down/up (Visibility distance 18 m).

The luminaire is supplied with a 3 Watt LED-bar.

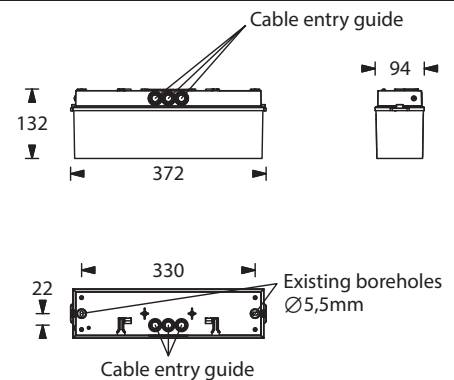


## Technical specifications

| Luminaire type                     | Luminaires for central battery systems                                       | Self contained luminaires |
|------------------------------------|------------------------------------------------------------------------------|---------------------------|
| Illuminant                         | 3 W LED-bar                                                                  | 3 W LED-bar               |
| Visibility distance                | 18 m                                                                         |                           |
| Connecting terminals               | 2 x 2.5 mm <sup>2</sup> for double assignment                                |                           |
| Colour                             | white                                                                        |                           |
| Material                           | Polycarbonate (light cover clear)                                            |                           |
| Mounting type                      | Wall-/ceiling mounting                                                       |                           |
| Additional mounting types*         | wall bracket mounting, Ceiling mounting (wire suspension), Pendulum mounting |                           |
| Dimensions (W x H x D)             | WM/DM 372 x 132 x 94 mm                                                      |                           |
| Protection class                   | IP54                                                                         |                           |
| Safety class                       | II                                                                           |                           |
| IK Safety class                    | IK03                                                                         |                           |
| Light current (mains)              | 380 lm                                                                       | 380 lm                    |
| Light current (emergency)          |                                                                              |                           |
| Battery duration 1h                | –                                                                            | 380 lm                    |
| Battery duration 3h                | –                                                                            | 380 lm                    |
| Battery duration 8h                | –                                                                            | 190 lm                    |
| Luminous flux                      |                                                                              |                           |
| Emergency (DC) / mains             |                                                                              |                           |
| Battery duration 1h                | –                                                                            | 100% / 100%               |
| Battery duration 3h                | –                                                                            | 100% / 100%               |
| Battery duration 8h                | –                                                                            | 50% / 100%                |
| Power consumption                  | 6 VA                                                                         | 6 VA                      |
| Battery current input              | 19 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                                      | –                         |
| Self monitoring                    | –                                                                            | SELF CHECK                |
| Central monitoring                 | –                                                                            | SAFELOG Line              |
| Wireless monitoring                | –                                                                            | SAFELOG Wireless          |

\* Optional accessory required

## Wall-/ceiling mounting



## Pictogram-set - included in the delivery



## Accessories

Wire guard

Universal cover plate

Chain assembly set

Double pendulum set with long canopy

Central pendulum sets with long canopy

Central pendulum - Plastic

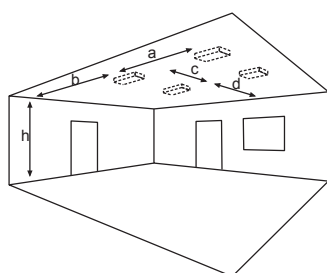
Wire sets with long canopy

Cable assembly set

Wall bracket

Set for parallel wall mounting

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



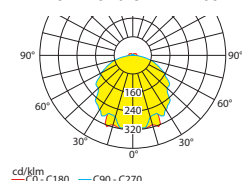
Ceiling mounting

### Luminaires for central battery systems Wide area illumination

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 380lm



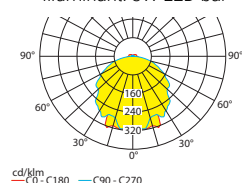
|   | h    | 2.00  | 2.50  | 3.00  | 3.50  | 4.00  | 4.50  | 5.00  | 5.50  | 6.00  | 6.50  | 7.00  | 7.50  | 8.00  | 8.50  | 9.00  | 9.50 |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| a | 9.70 | 10.60 | 11.40 | 12.10 | 12.50 | 13.10 | 13.50 | 13.70 | 13.60 | 13.40 | 13.40 | 13.50 | 13.80 | 13.60 | 13.50 | 12.90 |      |
| b | 3.90 | 4.30  | 4.50  | 4.80  | 4.80  | 4.80  | 4.80  | 4.80  | 4.90  | 4.70  | 4.50  | 4.20  | 3.90  | 2.60  | 2.20  | 1.80  |      |
| c | 6.70 | 7.40  | 8.00  | 8.30  | 8.30  | 8.00  | 7.60  | 7.20  | 7.20  | 7.40  | 7.60  | 7.80  | 8.00  | 8.20  | 8.40  | 8.70  |      |
| d | 2.70 | 2.90  | 2.90  | 2.70  | 2.50  | 2.60  | 2.70  | 2.80  | 2.90  | 3.00  | 3.20  | 3.30  | 3.40  | 3.60  | 3.40  | 2.00  |      |

### Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 380lm/380lm – Battery duration: 1h



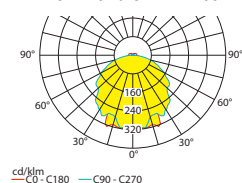
|   | h    | 2.00  | 2.50  | 3.00  | 3.50  | 4.00  | 4.50  | 5.00  | 5.50  | 6.00  | 6.50  | 7.00  | 7.50  | 8.00  | 8.50  | 9.00  | 9.50 |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| a | 9.70 | 10.60 | 11.40 | 12.10 | 12.50 | 13.10 | 13.50 | 13.70 | 13.60 | 13.40 | 13.40 | 13.50 | 13.80 | 13.60 | 13.50 | 12.90 |      |
| b | 3.90 | 4.30  | 4.50  | 4.80  | 4.80  | 4.80  | 4.80  | 4.80  | 4.90  | 4.70  | 4.50  | 4.20  | 3.90  | 2.60  | 2.20  | 1.80  |      |
| c | 6.70 | 7.40  | 8.00  | 8.30  | 8.30  | 8.00  | 7.60  | 7.20  | 7.20  | 7.40  | 7.60  | 7.80  | 8.00  | 8.20  | 8.40  | 8.70  |      |
| d | 2.70 | 2.90  | 2.90  | 2.70  | 2.50  | 2.60  | 2.70  | 2.80  | 2.90  | 3.00  | 3.20  | 3.30  | 3.40  | 3.60  | 3.40  | 2.00  |      |

### Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

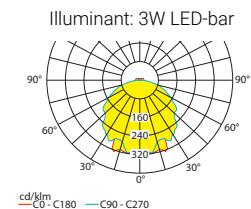
Luminous flux emergency / mains: 380lm/380lm – Battery duration: 3h



|   | h    | 2.00  | 2.50  | 3.00  | 3.50  | 4.00  | 4.50  | 5.00  | 5.50  | 6.00  | 6.50  | 7.00  | 7.50  | 8.00  | 8.50  | 9.00  | 9.50 |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| a | 9.70 | 10.60 | 11.40 | 12.10 | 12.50 | 13.10 | 13.50 | 13.70 | 13.60 | 13.40 | 13.40 | 13.50 | 13.80 | 13.60 | 13.50 | 12.90 |      |
| b | 3.90 | 4.30  | 4.50  | 4.80  | 4.80  | 4.80  | 4.80  | 4.80  | 4.90  | 4.70  | 4.50  | 4.20  | 3.90  | 2.60  | 2.20  | 1.80  |      |
| c | 6.70 | 7.40  | 8.00  | 8.30  | 8.30  | 8.00  | 7.60  | 7.20  | 7.20  | 7.40  | 7.60  | 7.80  | 8.00  | 8.20  | 8.40  | 8.70  |      |
| d | 2.70 | 2.90  | 2.90  | 2.70  | 2.50  | 2.60  | 2.70  | 2.80  | 2.90  | 3.00  | 3.20  | 3.30  | 3.40  | 3.60  | 3.40  | 2.00  |      |

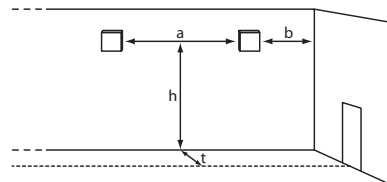
## Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 190lm/380lm – Battery duration: 8h

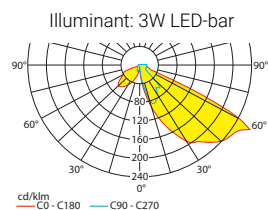
|   |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|
| h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 |
| a | 7.90 | 8.60 | 9.00 | 9.50 | 9.70 | 9.50 | 9.50 | 9.70 | 9.60 | 9.40 |
| b | 3.10 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.20 | 2.90 | 1.90 | 1.50 |
| c | 5.50 | 5.90 | 5.80 | 5.40 | 5.10 | 5.20 | 5.40 | 5.60 | 5.80 | 6.00 |
| d | 2.10 | 1.90 | 1.80 | 1.90 | 2.00 | 2.10 | 2.30 | 2.40 | 2.50 | 1.80 |



Wall mounting

## Luminaires for central battery systems Wide area illumination

Distance table for plane emergency routes / distance data in meters

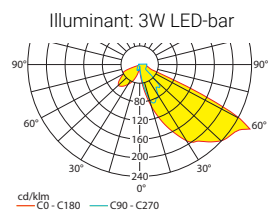


Luminous flux emergency / mains: 380lm

|          |   |      |      |      |      |      |
|----------|---|------|------|------|------|------|
| t = 1.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 7.50 | 7.50 | 7.00 | 6.50 |
|          | b | 3.00 | 3.00 | 3.00 | 2.50 | 2.00 |
| t = 2.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 8.50 | 9.00 | 9.00 | 9.00 | 8.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |
| t = 3.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 8.50 | 9.00 | 9.50 | 9.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |

## Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters

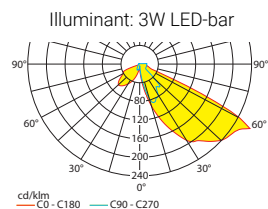


Luminous flux emergency / mains: 380lm/380lm – Battery duration: 1h

|          |   |      |      |      |      |      |
|----------|---|------|------|------|------|------|
| t = 1.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 7.50 | 7.50 | 7.00 | 6.50 |
|          | b | 3.00 | 3.00 | 3.00 | 2.50 | 2.00 |
| t = 2.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 8.50 | 9.00 | 9.00 | 9.00 | 8.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |
| t = 3.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 8.50 | 9.00 | 9.50 | 9.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |

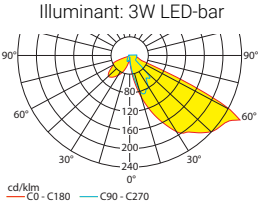
## Self contained luminaires Wide area illumination

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 380lm/380lm – Battery duration: 3h

|          |   |      |      |      |      |      |
|----------|---|------|------|------|------|------|
| t = 1.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 7.50 | 7.50 | 7.00 | 6.50 |
|          | b | 3.00 | 3.00 | 3.00 | 2.50 | 2.00 |
| t = 2.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 8.50 | 9.00 | 9.00 | 9.00 | 8.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |
| t = 3.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 7.50 | 8.50 | 9.00 | 9.50 | 9.50 |
|          | b | 3.00 | 3.50 | 3.50 | 3.50 | 3.00 |



Luminous flux emergency / mains: 190lm/380lm – **Battery duration: 8h**

|          |   |      |      |      |      |      |
|----------|---|------|------|------|------|------|
| t = 1.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 6.00 | 5.50 | 5.50 | 5.00 | 4.00 |
|          | b | 2.50 | 2.00 | 2.00 | 1.50 | 0.50 |
| t = 2.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 6.50 | 6.50 | 6.50 | 6.50 | 6.00 |
|          | b | 2.50 | 2.50 | 2.50 | 2.00 | 1.50 |
| t = 3.00 | h | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
|          | a | 5.50 | 6.00 | 6.50 | 6.00 | 6.00 |
|          | b | 2.00 | 2.00 | 2.00 | 1.50 | 1.50 |