



SMART-KIT

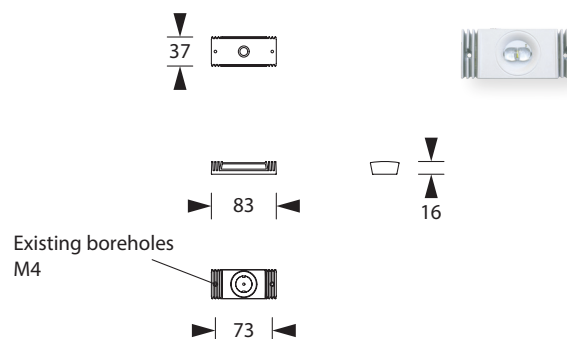
Small safety luminaire with aluminum cooling body for mounting at existing luminaires or lighting systems. Preassembled optic for wide area illumination and also enclosed optic for escape route illumination.

Technische Daten

| | |
|----------------------|---|
| Connecting terminals | 2 x 2,5 mm ² for double assignment |
| Casing/colour | Aluminum / Polycarbonate / white |
| Type of assembly | Surface mounting |
| Dimensions (WxHxD) | 83 x 37 x 16 mm |
| Protection class | IP20 |
| Safety class | II |



| | ■ Luminaires for central battery systems | ■ Self contained luminaires |
|------------------------------------|---|---|
| Illuminant | 3W LED | 3W LED |
| Light current | 240lm | 50lm (net) |
| Rated operating time 1h/3h | - | 240lm (emergency) |
| Rated operating time 8h | - | 110lm (emergency) |
| Luminous flux | | |
| Emergency (DC)/mains 1h/3h | - | 100% / 20% |
| Emergency (DC)/mains 8h | - | 50% / 20% |
| Power consumption | 6VA | 5VA |
| Battery current input | 15mA | - |
| Voltage supply | 230V 50/60Hz / 220V DC +25/-20% | 230V 50/60Hz |
| NiMh-Akku 1h/3h/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, MSÜ3, SET009, SET010, DALI | - |
| Self monitoring | - | SELF CHECK |
| Central monitoring | - | SAFELOG Line SAFELOG Wireless |



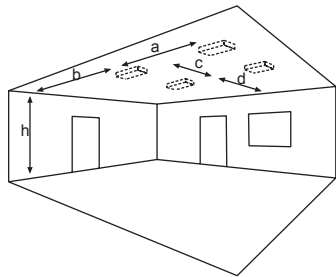
For installation in foreign luminaires with protection class I: Note grounding!

Dimensions driver and battery

| Driver | Dimensions (WxHxD) | Distance mounting holes |
|--|---------------------|-------------------------|
| Central battery non-monitored | 76 x 23 x 22 mm | 74 mm |
| Central battery monitored & single battery | 110 x 23 x 22 mm | 104 mm |
| Battery | Dimensions (WxHxD)* | Distance mounting holes |
| Battery pack 4,8 Volt - 2,0Ah | 155 x 25 x 25 mm | 148 mm |

*incl. caps

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



Surface mounting

■ Luminaires for central battery systems Wide area optic Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 240lm / 240lm

| | | | | | | | | | | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 9,80 | 11,20 | 12,10 | 12,30 | 12,30 | 12,30 | 12,20 | 11,00 | 8,40 | 6,80 | - | - | - | - | - | - | - | - | - |
| b | 4,30 | 4,20 | 4,30 | 4,20 | 3,90 | 2,80 | 1,50 | 1,00 | 1,00 | 0,60 | - | - | - | - | - | - | - | - | - |
| c | 9,80 | 11,20 | 12,10 | 12,30 | 12,30 | 12,30 | 12,20 | 11,00 | 8,40 | 6,80 | - | - | - | - | - | - | - | - | - |
| d | 4,30 | 4,20 | 4,30 | 4,20 | 3,90 | 2,80 | 1,50 | 1,00 | 1,00 | 0,60 | - | - | - | - | - | - | - | - | - |

■ Self contained luminaires Wide area optic Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 240lm/50lm – Rated operating time: 1h/3h

| | | | | | | | | | | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 9,80 | 11,20 | 12,10 | 12,30 | 12,30 | 12,30 | 12,20 | 11,00 | 8,40 | 6,80 | - | - | - | - | - | - | - | - | - |
| b | 4,30 | 4,20 | 4,30 | 4,20 | 3,90 | 2,80 | 1,50 | 1,00 | 1,00 | 0,60 | - | - | - | - | - | - | - | - | - |
| c | 9,80 | 11,20 | 12,10 | 12,30 | 12,30 | 12,30 | 12,20 | 11,00 | 8,40 | 6,80 | - | - | - | - | - | - | - | - | - |
| d | 4,30 | 4,20 | 4,30 | 4,20 | 3,90 | 2,80 | 1,50 | 1,00 | 1,00 | 0,60 | - | - | - | - | - | - | - | - | - |

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 110lm/50lm – Rated operating time: 8h

| | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | 8,30 | 8,30 | 8,30 | 7,80 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | 2,90 | 2,70 | 1,60 | 1,00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

■ Luminaires for central battery systems Escape route optic Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 240lm / 240lm

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 18,00 | 19,90 | 21,90 | 23,40 | 24,70 | 24,90 | 21,70 | 19,00 | 15,00 | 11,00 | - | - | - | - | - | - | - | - | - |
| d | 7,60 | 8,20 | 8,60 | 7,80 | 6,60 | 5,50 | 4,70 | 4,50 | 4,50 | 4,00 | - | - | - | - | - | - | - | - | - |

■ Self contained luminaires Escape route optic Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 240lm/50lm – Rated operating time: 1h/3h

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 18,00 | 19,90 | 21,90 | 23,40 | 24,70 | 24,90 | 21,70 | 19,00 | 15,00 | 11,00 | - | - | - | - | - | - | - | - | - |
| d | 7,60 | 8,20 | 8,60 | 7,80 | 6,60 | 5,50 | 4,70 | 4,50 | 4,50 | 4,00 | - | - | - | - | - | - | - | - | - |

Illuminant: 3W LED
 Lamp luminous flux emergency (DC)/mains: 110lm/50lm – Rated operating time: 8h

| | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| h | 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 | 10,00 | 10,50 | 11,00 | 12,00 |
| a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| c | 15,30 | 16,20 | 16,10 | 12,00 | 9,00 | 6,00 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d | 5,60 | 4,60 | 3,60 | 3,00 | 3,00 | 2,90 | - | - | - | - | - | - | - | - | - | - | - | - | - |