



# SMARTLUX 200 TWIN 5lx WM

## Multi-purpose luminaire EN IEC 60598-1/2-22, EN 1838, DIN 4844-1.

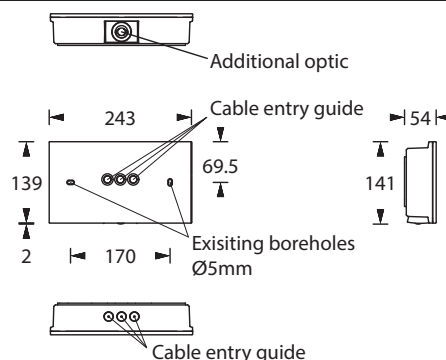
Combined escape sign and 5lx safety luminaire. The emergency luminaire is supplied with two different optics, which can be easily exchanged depending on the application thanks to the click system. The robust polycarbonate luminaire is screwless for quick installation. A single special pictogram with symbol according to ISO 7010 or optionally a pictogram set - arrow left/right/down/up/blind (visibility distance 23 m) is included with the luminaire free of charge. Please select this from the listing and specify it when ordering. The escape sign luminaire is equipped with a 1 Watt LED-bar, the emergency luminaire has a 1 x 3 W power LED. Despite the combination of two types of luminaires, this luminaire is only a single luminaire. Therefore, it is also counted as only one luminaire in the circuit. The spot optic for illumination from above is pre-mounted, the 20 degree tilted optic for illumination according to EN 1838 is enclosed.



## Technical specifications

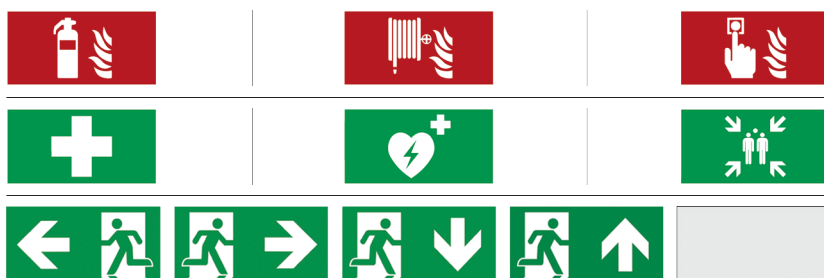
| Luminaire type                          | Luminaires for central battery systems | Self contained luminaires |
|-----------------------------------------|----------------------------------------|---------------------------|
| Illuminant                              | 1 W LED-bar                            | 1 W LED-bar               |
| Illuminant safety modul                 | 3W LED                                 | 3W LED                    |
| Visibility distance                     | 23 m                                   |                           |
| Luminance                               | DIN 4844-1 > 500 cd/m²                 |                           |
| Connecting terminals                    | 2 x 2.5 mm² for double assignment      |                           |
| Colour                                  | white                                  |                           |
| Material                                | Polycarbonate (light cover clear)      |                           |
| Mounting type                           | Wall mounting                          |                           |
| Dimensions (W x H x D)                  | WM 243 x 141 x 54 mm                   |                           |
| Protection class                        | IP43                                   |                           |
| Safety class                            | II                                     |                           |
| IK Safety class                         | IK03                                   |                           |
| Light current (mains)                   | 130 lm                                 | 130 lm                    |
| Luminous flux                           |                                        |                           |
| Emergency (DC) / mains                  |                                        |                           |
| Battery duration 1h                     | –                                      | 50% / 100%                |
| Battery duration 3h                     | –                                      | 50% / 100%                |
| Battery duration 8h                     | –                                      | 25% / 100%                |
| Light (Net) current safety module       | 190 lm                                 | –                         |
| Light current (Emergency) safety module |                                        |                           |
| Battery duration 1h                     | –                                      | 190 lm                    |
| Battery duration 3h                     | –                                      | 190 lm                    |
| Battery duration 8h                     | –                                      | 80 lm                     |
| Luminous flux                           |                                        |                           |
| Emergency (DC) / mains safety module    |                                        |                           |
| Battery duration 1h                     | –                                      | 100% / 0%                 |
| Battery duration 3h                     | –                                      | 100% / 0%                 |
| Battery duration 8h                     | –                                      | 42% / 0%                  |
| Power consumption                       | 10.5 VA                                | 9.5 VA                    |
| Battery current input                   | 26 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              |

## Wall mounting



|                                    |                                 |                    |
|------------------------------------|---------------------------------|--------------------|
| Maintained mode                    | –                               | -5°C to +30°C      |
| Circuit options                    |                                 |                    |
| Pictogram                          | maintained mode DS              | DS / BS switchable |
| Safety modul                       | non-maintained mode BS          |                    |
| 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   |

### Pictograms to choose from - please specify when ordering



### Optional pictograms (-sets)



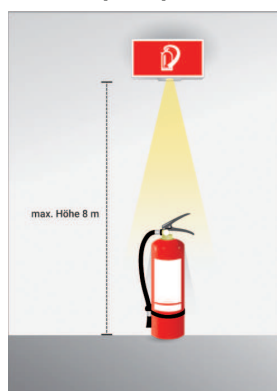
### Accessories

Wire guard

Pictograms

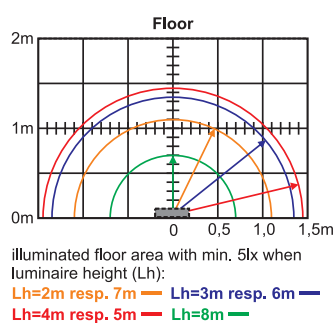
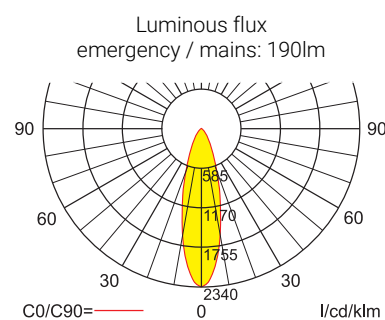
### Lighting datas and graphics of luminaire distances (E = 5,00 lx)

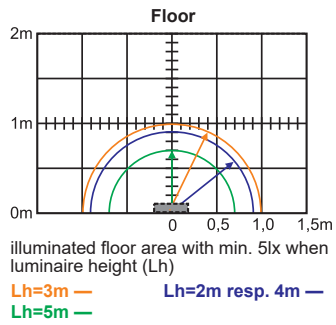
#### Spot-optic



Wall mounting

The spot optic is for illumination from above e.g. for extinguisher which are mounted on a pillar like it is usual in warehouses or assembly halls. The space between luminaire to the ground can be max. 8 m.





### Wall mounting

