

PLEXI LED



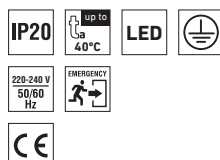
... emergency and orientation, into lower ceilings.

USE

The light fitting is suitable for emergency illumination of hallways and offices. It is intended for installation into plasterboard lower ceilings.

ADVANTAGES

- Emergency module **1 hr or 3 hrs**
- High-temperature **Ni-Cd HT** battery (M1h and M3h), or LiFePO₄ battery for version with self-test (M1hAt and M3hAt)
- LED indicator of correct operation
- Electronic protection against complete battery discharge
- Possible connection for both permanent (SA) and emergency (SE) lighting
- Light fitting protection **IP20**
- High thermal resistance ranging **from t_a = 0 °C to t_a = 40 °C** also for basic Ni-Cd battery type
- Insulation: Class 1

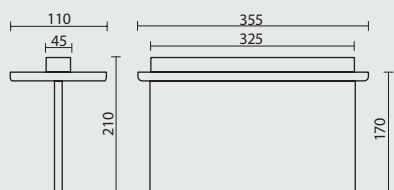


PLEXI LED



TECHNICAL DESCRIPTION

- Recognizing distance: 30 m
- Light fitting protection: IP20
- Maximum ambient temperature: $t_a = 40^\circ\text{C}$
- Diffuser: transparent plexi glass, UV stable
- Body: steel sheet, silver (RAL 9006)
- MacAdam = 3 SDCM
- Charging:
 - M1h and M3h variants max. 24 h,
 - M1hAt and M3hAt variant max. 12 h
- Electric equipment: driver, emergency module 1h or 3h; M1h and M3h variants including Ni-Cd HT battery (3,6V); M1hAt and M3hAt variants including LiFePO₄ (6,4V)
- Pictogram: optional accessory



| Code | Type | Autonomy [hrs] | Power in emergency mode [W] | Battery type | Charging time [hrs] | Net weight [kg] |
|---|---------------------|-------------------|--------------------------------------|---------------------|---------------------------|-----------------------|
| Diffuser made of transparent plexi glass - emergency standby source for emergency (SE) lighting | | | | | | |
| 41519 | PLEXI LED 101 NM1h | 1 | 1 | Ni-Cd HT | 24 | 2,1 |
| 41539 | PLEXI LED 101 NM3h | 3 | 1 | Ni-Cd HT | 24 | 2,2 |
| Diffuser made of transparent plexi glass - emergency standby source for both permanent (SA) and emergency (SE) lighting | | | | | | |
| 41518 | PLEXI LED 101 M1h | 1 | 1 | Ni-Cd HT | 24 | 2,0 |
| 41538 | PLEXI LED 101 M3h | 3 | 1 | Ni-Cd HT | 24 | 2,1 |
| Diffuser made of transparent plexi glass - emergency standby source for both permanent (SA) and emergency (SE) lighting with autotest | | | | | | |
| 41548 | PLEXI LED 101 M1hAt | 1 | 1 | LiFePO ₄ | 12 | 2,0 |
| 41568 | PLEXI LED 101 M3hAt | 3 | 1 | LiFePO ₄ | 12 | 2,1 |
| Diffuser made of transparent plexi glass - driver for central battery supply AC/DC (CB = central battery) | | | | | | |
| 41578 | PLEXI LED 101 CB | - | 1 | - | - | 2,1 |

Example of type marking: 41538 = PLEXI LED **M3h**

LEGEND

- M1-3h** – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination
- M1-3hAt** – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination with autotest
- NM1-3h** – emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination
- CB** – for central battery power supply AC/DC (CB = central battery)

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

Module signalling without autotest

| LED colour | Information |
|------------|-----------------------------|
| ● green | Information |
| flashing | battery charging |
| - | running test/emergency mode |

Module signalling with autotest (At)

| LED colour | Information |
|---------------|-----------------------------|
| ● green ● red | Information |
| flashing - | battery charging |
| - flashing | defective LED module |
| - shining | defective battery |
| - - | running test/emergency mode |

LIGHT FITTING ATTACHMENT

Recessed into plasterboard lower ceilings



LIGHT FITTING DETAILED VIEW

PLEXI LED

