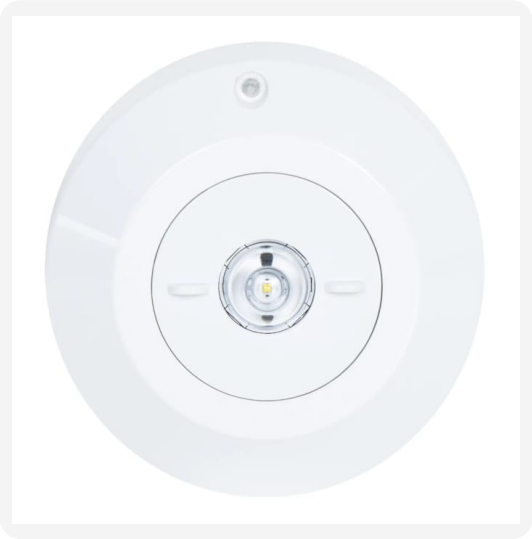
EMEX

MX Light emergency luminaire R, round, 3 h

Product code 833002 · Emergency lighting › MX luminaires

Addressable LED emergency luminaire for the emergency lighting of open areas, with a rated duration of 3 hours. It is connected to the COM loop via an analogue base, and the fire alarm control panel monitors its condition and testing.



- For open areas, round symmetrical light distribution
- Internal NiMH battery, rated duration 3 h
- Addressable: monitoring and testing via the fire alarm control panel
- Automatic monthly and annual tests, status shown by indicator light
- Mounted on analogue base 3312FLW/3312W on the ceiling or wall
- EN 60598-2-22, EN 1838 and EN 62034

Product description

MX Light R (round) is an addressable LED emergency luminaire from Emex for Panasonic fire alarm systems (EBL512 G3, EBLOne). The luminaire is non-maintained: in normal mode it draws power from the supply line and charges its internal battery, and it switches on in the event of a power failure, phase failure, control expression or fire alarm. The rated duration is 3 hours (NiMH battery pack 2.4 V, HHR-210AH).

MX Light R is designed for open areas where emergency lighting is required. Its symmetrical, round light distribution provides an illuminance of 0.5–5 lux at floor level, depending on the mounting height and spacing. The spacing tables in the technical description cover mounting heights of 2.5–5.5 m (0.5 lx) and 2.5–4 m (5 lx).

Monitoring and testing

The luminaire performs a commissioning test, an automatic monthly function test (LED and battery) and a full duration test at least once a year. Its status is shown by the indicator light, and faults are reported to the fire alarm control panel as technical warnings; test results are stored in the event log, which can be read with EBLWin. The LED service life is over 10 years and the battery life 3–6 years.

Installation

The luminaire is fitted to the analogue base 3312FLW or 3312W, mounted on the ceiling or wall, by turning it 25° clockwise and locking it with the side screw. The COM loop is connected to the SA and SB terminals of the base and the 24 V supply line to the E+ and E− terminals. The address (001–253) and NORMAL mode are set with the address setting tool 4414 before connecting the luminaire to the loop. A maximum of 35–40 devices per supply line is recommended. A recessed mounting frame 920007 and a threaded rod plate 920013 are available as accessories.

Technical data

Product code	833002
Manufacturer	Emex
Product group	Emergency lighting › MX luminaires
Operating voltage	24 V DC (permitted 12–32 V DC)
Light source	LED, 156 lm
Input power	0.7 W (battery charging), 0.2 W (battery fully charged)
Battery	NiMH 2.4 V (HHR-210AH), spare part 910008
IP rating	IP41
Colour	White
Material	PC (polycarbonate)
Operating temperature	0…+55 °C
Current consumption (quiescent)	8 mA (battery fully charged), 30 mA (battery charging)
COM loop current	1.5 mA quiescent, 2.9 mA active
Rated duration	3 h
Operating mode	Non-maintained (lights up on power failure or on command)
Light distribution	Round, symmetrical light distribution
Dimensions	Ø 102 × 55–61 mm
Weight	151 g
Humidity	Max. 95% RH, non-condensing
Mounting	Analogue base 3312FLW/3312W, ceiling or wall
Address range	001–253 (address setting tool 4414)
Compatibility	EBL512 G3 (software ≥ 2.10), EBLOne (≥ 3.3)
Standards	EN 60598-2-22, EN 1838, EN 62034, EN ISO 7010

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: MX lights
Certificate: Declaration of compatibility
Certificate: EU declaration of conformity
Installation guide: MX lights

Request a quote or ask for more information
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Up-to-date information and documents: pap.fi/en/tuote/mx-light-turvavalo-r-pyre-3h/