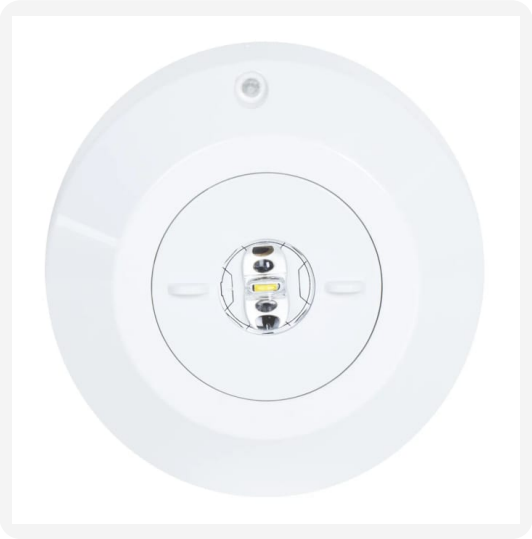
EMEX

# MX Light emergency luminaire C, corridor, 1 h

Product code 831001 · Emergency lighting › MX luminaires

Addressable LED emergency luminaire for the emergency lighting of corridors and escape routes, with a rated duration of 1 hour. It is connected to the COM loop via an analogue base, and the fire alarm control panel monitors its condition and testing.



- For corridors and escape routes, asymmetric light distribution
- Internal NiMH battery, rated duration 1 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 C (corridor) 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 1 hour (NiMH battery 1.2 V).

MX Light C is designed for corridors and escape routes. Its asymmetric light distribution spreads the light along an elongated space and provides an illuminance of 0.5–5 lux at floor level. The spacing tables in the technical description cover mounting heights of 2.5–5.5 m (1 lx) and 2.5–5 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

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|---|---|
| Product code | 831001 |
| 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 | 0.6 W (battery charging), 0.2 W (battery fully charged) |
| Battery | NiMH 1.2 V, spare part 910002 |
| IP rating | IP41 |
| Colour | White |
| Material | PC (polycarbonate) |
| Operating temperature | 0…+55 °C |
| Current consumption (quiescent) | 8 mA (battery fully charged), 26 mA (battery charging) |
| COM loop current | 1.5 mA quiescent, 2.9 mA active |
| Rated duration | 1 h |
| Operating mode | Non-maintained (lights up on power failure or on command) |
| Light distribution | Asymmetric corridor light distribution |
| Dimensions | Ø 102 × 55–61 mm |
| Weight | 136 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**
Sales +358 40 668 7641 · myynti@pap.fi · Mon–Fri 8 am – 4 pm (Finnish time)
Up-to-date information and documents: pap.fi/en/tuote/mx-light-turvavalo-c-kytv-1h/