



EMEX

PAP MX Outdoor emergency luminaire

Product code 830020 · Emergency lighting > MX luminaires

Addressable IP65 emergency luminaire for outdoor areas and cold spaces. The luminaire and the electronics unit are separate, so the luminaire can be installed in conditions down to -30°C .

- Luminaire withstands $-30\ldots+45^{\circ}\text{C}$, electronics unit $-20\ldots+45^{\circ}\text{C}$
- Separate luminaire and electronics unit, linked by a 2 m fire-resistant cable
- IP65, 3 h battery backup
- Mounting height 2–7.5 m, wall or ceiling mounting
- Addressable, monitored from the fire alarm control panel



Product description

MX Outdoor is an addressable emergency luminaire for outdoor areas and cold spaces such as cold stores, car parks and industrial premises. The luminaire switches on only during a power failure or emergency (non-maintained) and illuminates, for example, the area in front of an exit door. In normal mode it takes its power from the operating voltage line, and in emergency mode the internal battery provides a rated duration of 3 hours.

MX Outdoor always consists of two parts: a compact LED luminaire and a separate electronics unit, linked by a 2 metre fire-resistant cable. The luminaire can be installed in cold spaces down to -30°C , whereas the electronics unit is installed indoors or in a space where the temperature is at least -20°C . Both parts are IP65 rated. The control panel monitors the condition of the luminaire, and the device automatically performs function, battery and duration tests.

Installation

The metal profile is fixed to the wall or ceiling at a height of 2–7.5 metres, and the luminaire is pressed into the profile at the required angle. The electronics unit is then installed and the luminaire cable connected. The COM loop and the 24 V operating voltage are connected to the electronics unit. The replacement battery is 910007.

Technical data

Product code	830020
Manufacturer	Emex
Product group	Emergency lighting > MX luminaires
Operating voltage	24 V DC (permitted 12–32 V DC)
Light source	LED
Operating temperature	Luminaire $-30\ldots+45^{\circ}\text{C}$, electronics unit $-20\ldots+45^{\circ}\text{C}$

Battery	NiMH 2.4 V (replacement battery 910007)
IP rating	IP65
Colour	White
Material	Polycarbonate (PC)
Product number (Emex)	830020
COM loop current	1.5 mA (quiescent), 2.9 mA (active)
Rated duration	3 h
Illuminance	1–10 lx
Dimensions	Luminaire 72 × 45 × 50 mm, electronics unit 104 × 104 × 48 mm
Weight	Luminaire 159 g, electronics unit 242 g
Humidity	Max. 95% RH, non-condensing
Address range	001–253
Mounting	Wall or ceiling mounting, height 2–7.5 m
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).

Product catalogue: Emex products and spare parts

Technical datasheet (series): MX25, MX40 and MX Light

Product brochure: PAP MX Outdoor emergency luminaire

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/pap-mx-outdoor-turvavalo/