



MAX G2

Explosion proof technical outdoor / indoor LED lighting for Zone 1 -2 and Zone 21 -22



Description

MAX G2 is a high-quality long-life Category 2-marked luminaire for Ex Zone 1/21 and Ex Zone 2/22. It's suitable for industrial applications, ships and oil installations in areas where an explosive atmosphere is likely to occur occasionally in normal operation. The luminaire has a wide variety of installation options, minimal maintenance and excellent overall economy. The luminaire housing is manufactured in acid-proof stainless steel or aluminium/zinc treated steel with a white epoxy/polyester powder-coated finish. Alternatively, it's available in unpainted acid-proof steel. It's supplied with diffuser in self-extinguishing (V0) and impact-proof frosted polycarbonate with a one-piece silicone gasket and clips in acid-proof steel. MAX G2 has a hinged gear tray to facilitate maintenance. An emergency solution for 1.5- or 3-hours duration is available. It's supplied with a fixed external battery box to achieve optimal working conditions.

Technical specifications

Light Source

2500 - 8500 lumen out

Color temperature 4000K as Standard, 3000K , 5000K or 6000 K as options , CRI Ra 80, MacAdams 3

Driver

Fixed output (HF) or DALI2 driver. Dali2 is dimmable .

Driver life time up to 120 000 h/10 % (max failure) at Ta 25°C.

Mounting

The luminaire is supplied with fixed end brackets, triangle suspension or 2 x M8 hood nuts.

Bracket for horizontal wire and revolvable bracket to be mounted on the fixed end bracket. M8 rod -, tube -, pole -, cable bridge -, side - and vibration suspension to be mounted through the M8 hood nut. M8 hood nuts with flexible CC and other special suspensions on request.

Cable entry

1-4 x cable glands:

M20 polyamide (cable Ø6-12 mm)

M20 nickel plated brass (cable Ø4-12 mm)

M25 polyamide (cable Ø11-17 mm)

M25 nickel plated brass (cable Ø10-18 mm)

Connection

6 pole 6 mm² screw terminal block.

6 x 2.5 mm² through wiring (TW).

2 pole 4 mm² push in terminal block for DALI termination

Emergency system

Emergency solution for 1.5 or 3 hour duration is available.

Fixed external battery box to achieve optimal working conditions.

Accessories

Suspension kits.

Images

