



Technical Specification

Water and shock protected EX LED fixture for long-term heavy-duty applications in hot, wet and cold conditions. Variable power output. Extreme long range.

Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).

Heavy Duty bracket included. Safety chain as option.

LED pack and ballast easily replaceable.

Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.

Suitable for corrosive atmospheres, marine and general EX applications.

Use areas

QC/STS and RMG cranes of any size, mobile masts, poles up to 40m, warehouses, workshops, hangars and ship-yards up to 80m, mining applications, heavy equipment, construction sites, general lighting in tough environments.

Technical Data

EX code

Mains (input) voltage

Total weight

Dimensions

Wind area

Form of protection

Corrosion resistance

Vibration resistance

Wind speed design

Temp. tolerance

Color temperature

Color rendering

Luminaire lumen

LED life exp.

LM80

Light-source

Energy consumption

Start time

Ballast

Surge protection

Safety glass

Light dissemination

EXII 2 G EX d IIC T4 Gb

EXII 2 D EX d IIIC T4 Db

100 - 277 VAC, 50-60Hz

16 kg: fixture including ballast

400mm x 400mm x 220mm

0.126m² per fixture inc. ballast

IP 67, class I

Salt-spray 1000h

5G during extended periods

55 m/s

+60°C to -40°C

4000°K (3000°K/5000°K)

CRI 70+

35 500 (+/-3% dep. on optics)

100 000h+ to 80% output.

L80 100,000h

36x Hi-power LED

300-320 W

0.5 sec. to max lumen output

Dimming and DALI available

10KV (20KV option)

Tempered prismatic glass lens

Several rectangular light

pictures depending on use

(15° to 140°)

