



ATEX Lighting

Zone 1 - Explosion Proof Slim LED Flood Light | 150w | 240w





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Compliance

ATEX Standard:

Ex II 2 G Ex mb eb IIC T4/T5/T6 Gb
Ex II 2 D Ex tb IIIC T80°C/T100°C Db
IP66

IECEx Standard:

Ex mb eb IIC T4/T5/T6 Gb
Ex tb IIIC T80°C/T100°C Db IP66

Gas: Zone 1&2
Dust: Zone 21&22
IP66



Application

Heavy Industrials Storage Facility

- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry





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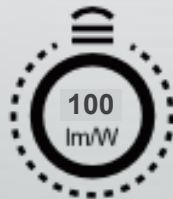
Product Description

The ATEX Zone 1 Explosion Proof Slim LED Flood Light is a high-power, heavy-duty lighting solution engineered for hazardous environments where explosive gases or combustible dusts may be present.

A core strength of this luminaire is its advanced mb eb tb explosion protection design. The mb encapsulation safeguards internal components, eb increased safety minimizes ignition risks under normal operation, and tb protection ensures dust-tight construction with controlled surface temperatures. This multi-layered mb eb tb protection delivers outstanding safety for ATEX Zone 1 & 2 (gas) and Zone 21 & 22 (dust) installations.

Warranty

5 Year Standard Warranty





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Wattage

150w | 240w

Voltage

200-277V AC

Lumens Per Watt

140lm/w

Lifespan

L70> 150,000 Operation Hours@55°C

IP Rating

IP66

IK Rating

IK09

CRI

80

Colour

5000k





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Applications

perfect for use in Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor or indoor mounted general area lighting, and where flammable vapours, gases, ignitable dusts, fibres or flying's are present.

Beam Angle

90°

Dimensions

420mm x 547mm x 80mm

Operating Temperature

-40°C to +40°C

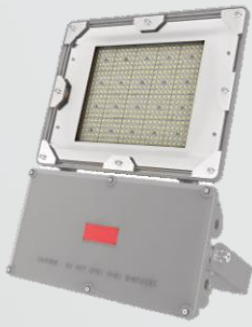
Certificates

CE, RoHS, ATEX, IECEx

Warranty

5 year warranty





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Dimensions

