



ATEX Lighting

Atex Zone 1 ,2 ,21 & 22 - LED Hazardous Explosion Proof Floodlight





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Compliance

ATEX Standard:

II 2 G Ex db eb mb q IIC T6... T4 Gb
II 2 D Ex tb IIIC T80°C... T100°C Db

IECEX Standard:

Ex db eb mb q IIC T6... T4 Gb
Ex tb IIIC T80°C... T100°C Db

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

Illuminate your hazardous environments with the ATEX and IECEx Listing Zone 1 LED Explosion-Proof Light. This powerful, energy-efficient lighting solution is designed to withstand extreme conditions, ensuring safety without compromising on performance.

With a wide beam angle of 120 degrees, this light covers a broad area, ensuring maximum coverage. The 5000K colour temperature enhances visibility and clarity, allowing you to work with precision. With a long lifespan of 150,000 hours and a high colour rendering index (CRI) over 80, you can rely on this light for consistent performance over time.

Warranty

5 Year Standard Warranty





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Wattage 80w, 100w, 120w 150w, 200w, 300w,
400w

Lumens per watt 140lm/W

CCT 5000k

IP Rating IP66

IK Rating IK08 (glass cover)
IK10 (with wire guard)

Input Voltage: 200-250VAC

Beam Angle: 90°

Lifespan: 150,000 operation hours at 55°C

Warranty 5-year warranty





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ATEX Certification	II 2 G Ex eb mb IICT6... T ₄ Gb II 2 D Ex te IICT80°C... T100°C Db
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IECEX Certification	Ex eb mb IICT6... T ₄ Gb Ex te IICT80°C... T100°C Db
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Zone:	Zones 1,2, 21,22
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Salt Spray:	1000 hours
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Operation Temperature	80w, 100w,120w 150w, 200w: T ₅ : -40°C to +45°C T ₆ : -40°C to +40°C 300w: T ₅ :only -40°C to +40°C 400w: T ₅ : -40°C to +25°C
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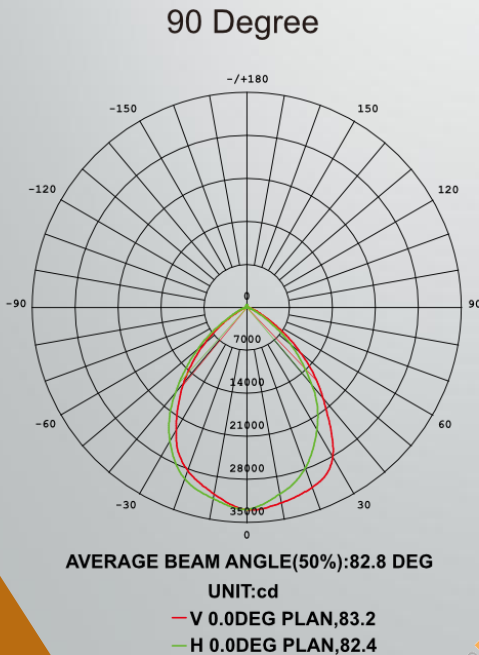
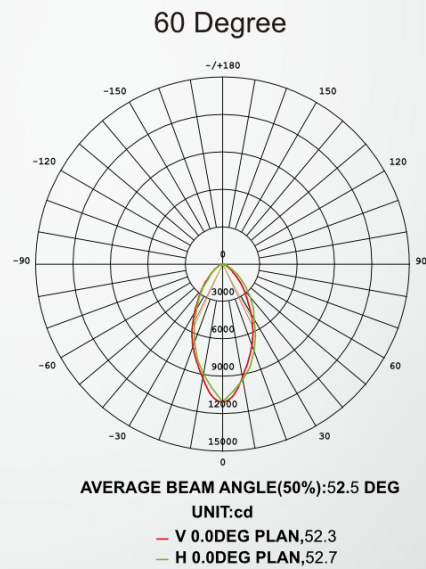
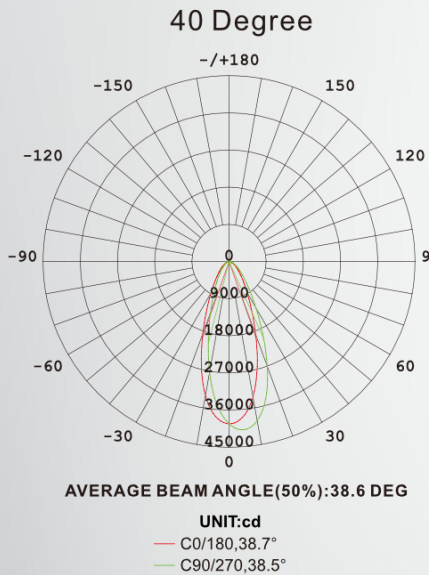




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Photometrics





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Cable Entry

Compatible with NPT1 thread with an adapter

Top: 3/4 NPT (standard),
M25

Wire outlet

Wire outlet
Side: 3/4 NPT (standard),
M20, M25, 1/2NPT

Side: 3/4 NPT (standard),
M20, M25, 1/2NPT

