



ATEX Lighting

ATEX Zone 1 - Explosion Proof Linear LED Batten | Standard or Emergency



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**ATEX Zone 1 - Explosion Proof Linear LED Batten | Standard or Emergency
50W | 60W | 80W | 2FT | 4FT | 5FT**

Compliance

ATEX Standard:

II 2 G Ex eb mb IIC T6...T4 Gb II 2
D Ex tb IIIC T80°C...T120°C Db

IECEX Standard:

Ex eb mb IIC T6...T4 Gb
Ex tb IIIC T80°C...T120°C Db

IP66 IK10

500 hours salt spray



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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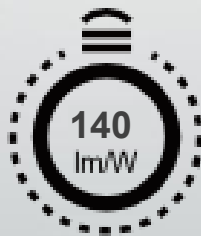
Product Description

The ATEX Zone 1 - Explosion Proof Linear LED Batten | Standard or Emergency fixture is the ideal choice for marine and hazardous applications requiring a linear design. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

Features two wiring accesses on each side of the fixture, wiring is available from both side, which means that it is more flexible to meet different installation requirements, such as multiple lamps installed side by side. Additionally, the lamp can be directly powered from the mains electricity.

Warranty

5 Year Warranty





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Wattage 50w,60w,80w

Lumens Per Watt 140lm/w

Voltage **50w, 80w:** 200-250V
60w: DC12-24V

Lifespan 50,000 hours

IP Rating IP66

Zones gas: 1,2
dust: 21,22

Salt Spray 500 Hours

Colour Temperature 5000K

Beam Angle 120°

Material housing: Aluminium 6063

Diffuser: Polycarbonate (PC)

Chip Lens: Polymethyl methacrylate (PMMA)





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Dimensions	50W: 709mm x 138mm x 99mm 60W: 1609mm x 138mm x 99mm 80W: 1309mm x 138mm x 99mm
Operating Temperature	-20°C to 40°C
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.
Certificates	CE, RoHS, ATEX, IECEx
Warranty	5 Year



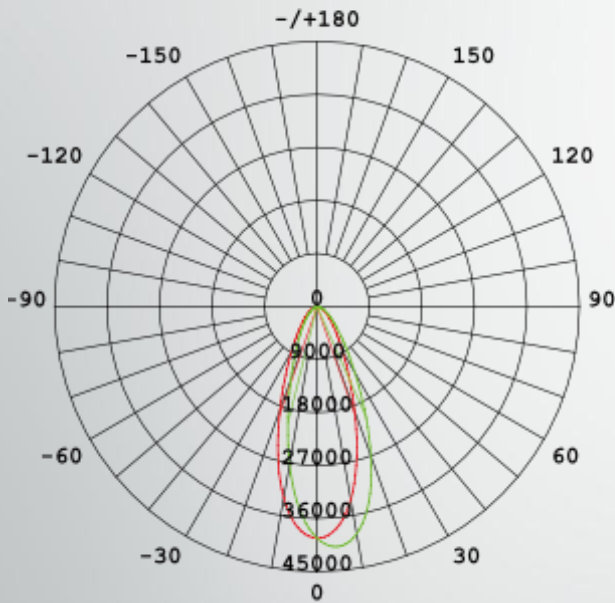
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**ATEX Zone 1 - Explosion Proof Linear LED Batten | Standard or Emergency
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Photometric

40 Degree



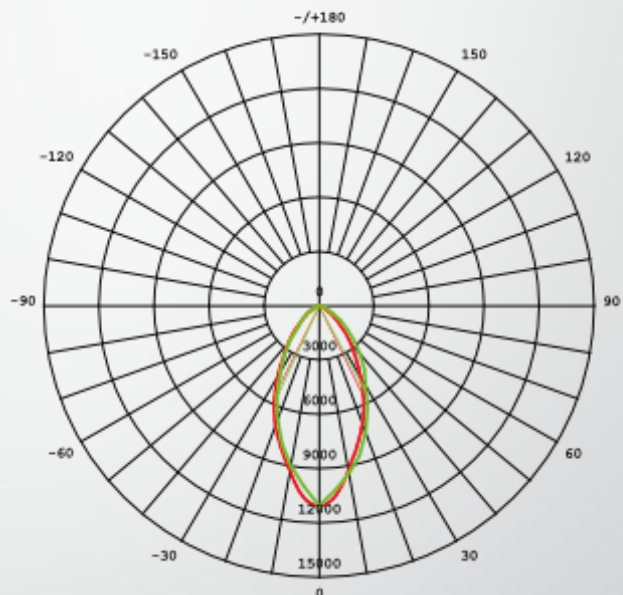
AVERAGE BEAM ANGLE(50%):38.6 DEG

UNIT:cd

— C0/180,38.7°

— C90/270,38.5°

60 Degree



AVERAGE BEAM ANGLE(50%):52.5 DEG

UNIT:cd

— V 0.0DEG PLAN,52.3

— H 0.0DEG PLAN,52.7



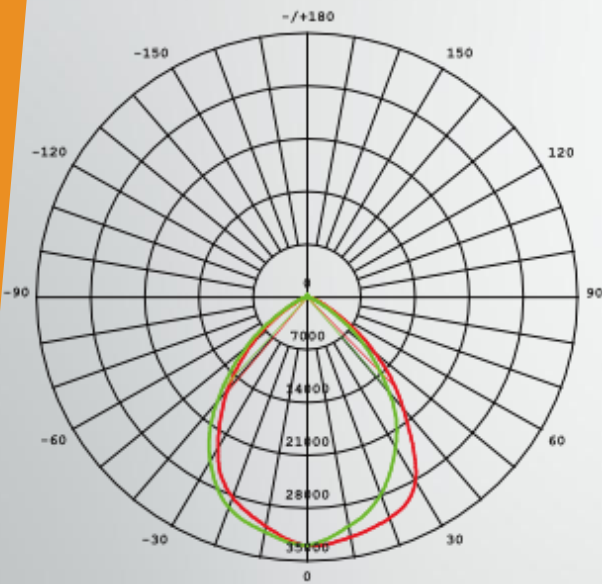
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**ATEX Zone 1 - Explosion Proof Linear LED Batten | Standard or Emergency
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Photometric

90 Degree



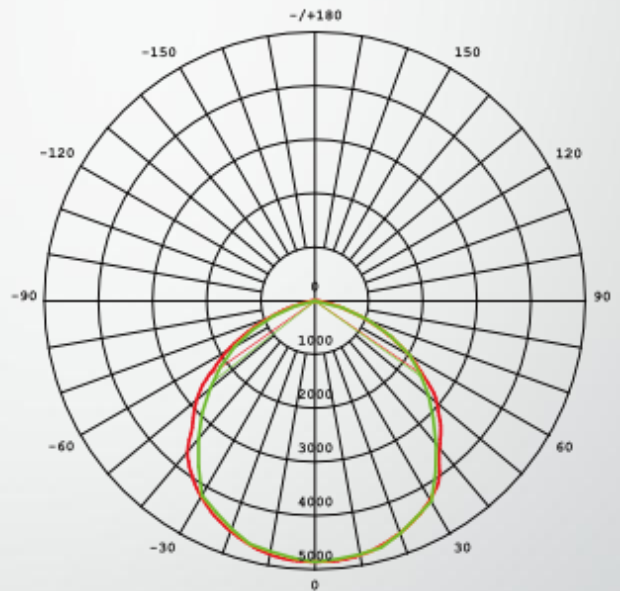
AVERAGE BEAM ANGLE(50%):82.8 DEG

UNIT:cd

- V 0.0DEG PLAN,83.2

- H 0.0DEG PLAN,82.4

120 Degree



AVERAGE BEAM ANGLE(50%):107.8 DEG

UNIT:cd

- V 0.0DEG PLAN,109.9

- H 0.0DEG PLAN,105.8



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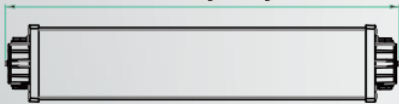
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Dimensions



709mm [27.9"]

99mm [3.9"]

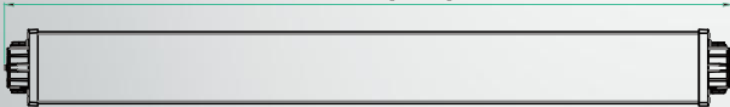


50W



1309mm [51.6"]

99mm [3.9"]

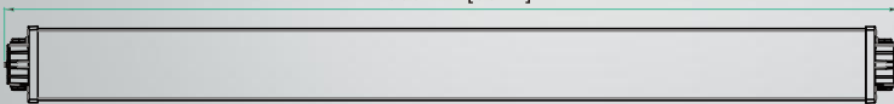


80W



1609mm [63.4"]

99mm [3.9"]



60W

