



ATEX Lighting

LED Hazardous Explosion Proof Flood light

Wattage	80w, 100w, 150w, 200w, 300w, 400w
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Lumens	11200lm, 14000lm, 21000lm, 28000lm, 42000lm, 56000lm
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Lumens per watt	140lm/W
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CCT	5000k
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IP Rating	IP66
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IK Rating	IKo8 (glass cover) IK10 (with wire guard)
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Input Voltage:	200-250VAC
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Beam Angle:	90°
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Lifespan:	150,000 operation hours at 55°c
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Warranty	5-year warranty
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ATEX	II 2 G Ex eb mb IICT6... T ₄ Gb
Certification	II 2 D Ex te IICT80°C... T100°C Db

IECEX	Ex eb mb IICT6... T ₄ Gb
Certification	Ex te IICT80°C... T100°C Db

Zone:	Zones 1,2, 21,22
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Salt	1000 hours
Spray:	

Operation	80w, 100w, 150w, 200w:
Temperature	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



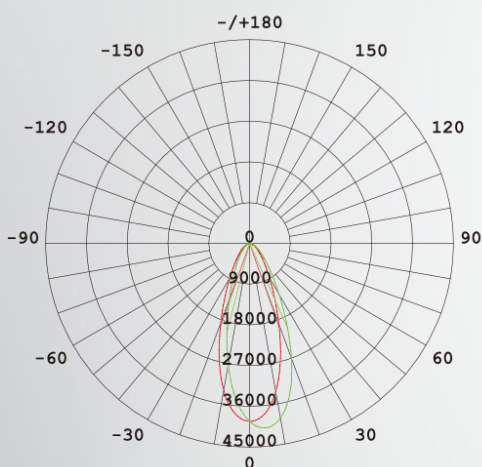


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Photometric

40 Degree

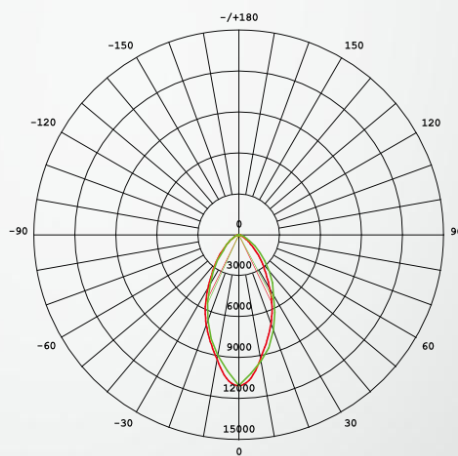


AVERAGE BEAM ANGLE(50%):38.6 DEG

UNIT:cd

— C0/180,38.7°
— C90/270,38.5°

60 Degree

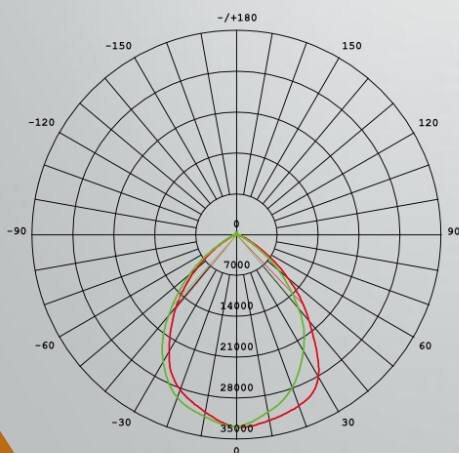


AVERAGE BEAM ANGLE(50%):52.5 DEG

UNIT:cd

— V 0.0DEG PLAN,52.3
— H 0.0DEG PLAN,52.7

90 Degree



AVERAGE BEAM ANGLE(50%):82.8 DEG

UNIT:cd

— V 0.0DEG PLAN,83.2
— H 0.0DEG PLAN,82.4





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Cable Entries

Compatible with NPT1 thread with an adapter

Top: 3/4 NPT (standard),
M25

Wire outlet

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

Wire outlet

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

