

L1511

Hazardous Location LED Lighting



Protection

- Ex nR IIC T5 Gc
- Ex tb IIIC T100°C Db
- ⓂII 3 G Ex nR IIC T5 Gc
- ⓂII 2 D Ex tb IIIC T100°C Db

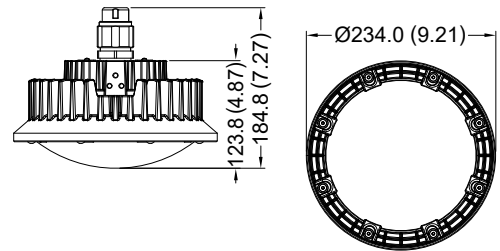
Standards

- IEC 60079-0
- IEC 60079-15
- IEC 60079-31
- EN 60079-0
- EN 60079-15
- EN 60079-31

Net Weight: 5.0 kg (11.0 lb)

Technical Data

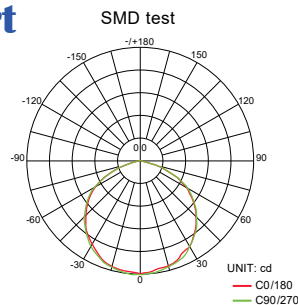
Rated Voltage (±10%)	110V / 220V / 277V AC				
Watts (±10%)	65W / 75W / 95W				
Amps	65W 110V: 0.59A, 220V: 0.30A, 277V: 0.23A / 75W 110V: 0.68A, 220V: 0.34A, 277V: 0.27A / 95W 110V: 0.86A, 220V: 0.43A, 277V: 0.34A				
Color of LED Light	3000K (Warm White) / 5000K (Cool White)				
Ambient Temperature	-20°C ~ +55°C, T5				
Power Factor	cos ≥ 0.9				
CRI	Cool White ≥ 70 / Warm White ≥ 80				
Lumen (±10%)	SMD	Lamp Cover	65W	75W	95W
	3000K	Clear	5850lm	6750lm	8600lm
	5000K	Clear	6500lm	7500lm	9500lm
Beam Angle	X-110° / Y-110°				
Frequency	50 / 60 Hz				
Degree of Protection	IP67 / NEMA 6				
Material	• Enclosure • Cover	Aluminum alloy Clear PC Cover			
LED Service Life	60,000 hrs				
Entrance Thread	1 × NPT 3/4"				



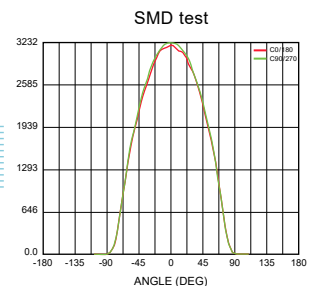
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Model Code

THT	H	1511	A	B	K	W	1	I5	S25
						①	②	③	④

① **C.C.T.**

C=Cool White
W=Warm White

② **Voltage**

1=110V
2=220V
9=277V

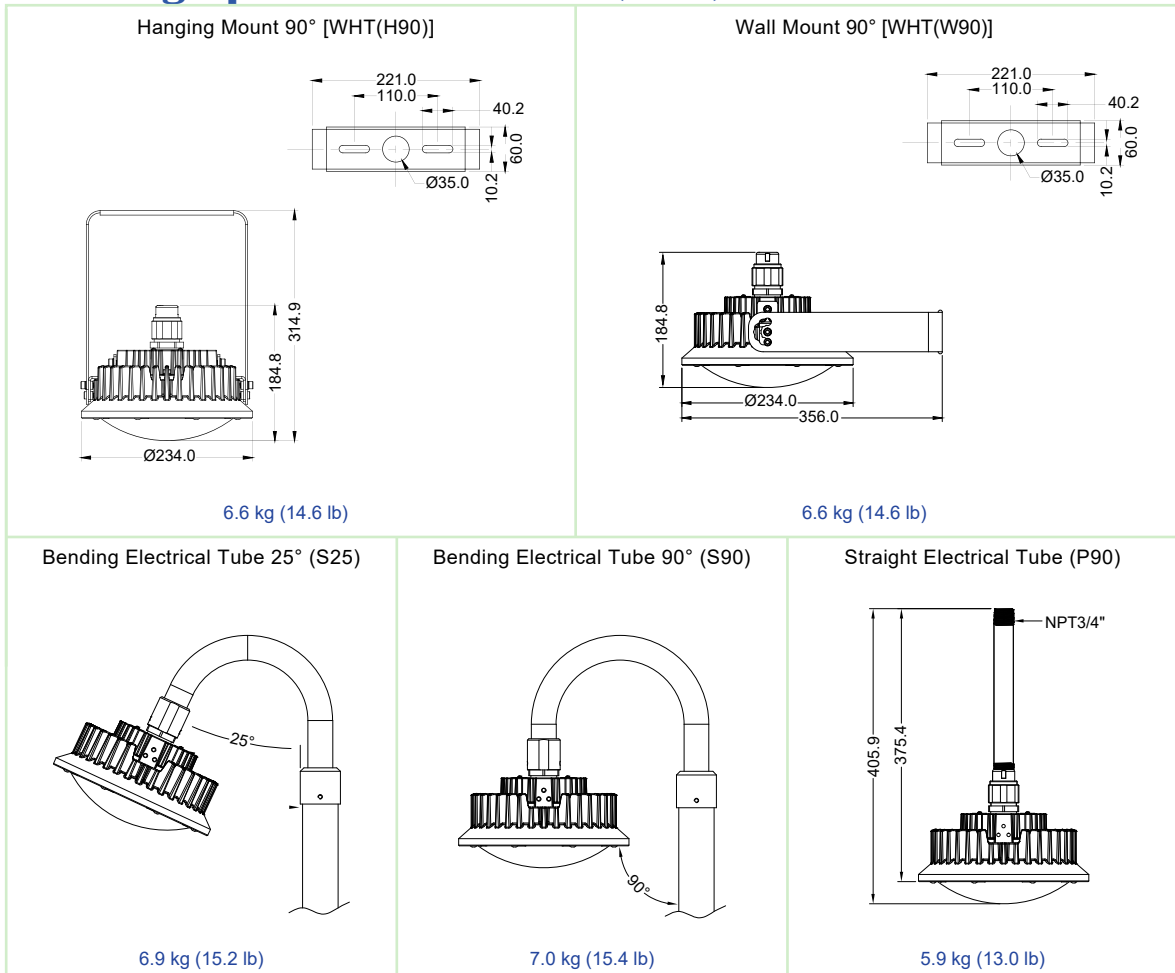
③ **Wattage**

F5=65W
G5=75W
I5=95W

④ **Mounting Bracket Type**

WHT(W90)=Wall Mount 90°
WHT(H90)=Hanging Mount 90°
S25/90=Bending Electrical Tube 25°/90°
P90=Straight Electrical Tube

Mounting Option & Dimensions (All in mm)



Two-position (Wall/Hanging) adjustable trunnion, each position with two aiming angles.

Applicable Area

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transporting Liquefied
- Petroleum Gas
- Offshore Platform
- (Oil and Natural Gas)