



# L1511

## Hazardous Location LED Lighting



Net Weight: 5.0 kg (11.0 lb)



### Protection

- Ex nR IIC T5 Gc X
- Ex tb IIIC T100°C Db X

### Standards

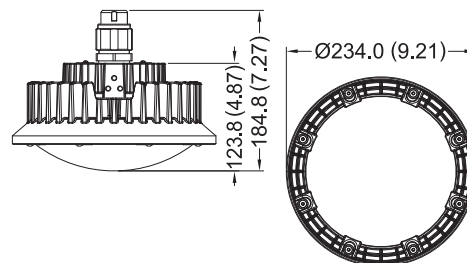
- CNS 3376-0
- CNS 3376-15
- IEC 60079-31

### Light Features

- Higher protection grade - IP68
- Salt Spray 1000 hrs passed
- Cost-effective illumination solution for hazardous location

## Technical Data

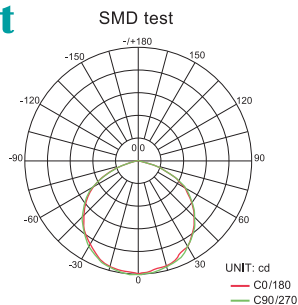
Rated Voltage (±10%)	110V / 220V AC					
Watts (±10%)	50W / 65W / 75W / 95W					
Amps	50W 110V: 0.45A, 220V: 0.23A / 65W 110V: 0.59A, 220V: 0.30A 75W 110V: 0.68A, 220V: 0.34A / 95W 110V: 0.86A, 220V: 0.43A					
Color of LED Light	3000K (Warm White) / 5000K (Cool White)					
Ambient Temperature	-20°C ~ +40°C, T5					
Power Factor	cos ≥ 0.9					
CRI	Cool White ≥ 70 / Warm White ≥ 80					
Lumen (±10%)	SMD	Lamp Cover	50W	65W	75W	95W
	3000K	Clear	3861lm	5850lm	6750lm	8600lm
		Diffuser	3568lm	5500lm	6300lm	8000lm
	5000K	Clear	4559lm	6500lm	7500lm	9500lm
Diffuser		4194lm	6150lm	7100lm	9000lm	
Beam Angle	X-110° / Y-110°					
Frequency	50 / 60 Hz					
Degree of Protection	IP68 / NEMA 6P					
Material	• Enclosure • Cover	Aluminum alloy Clear PC Cover / Diffuser				
LED Service Life	60,000 hrs					
Entrance Thread	1 × NPT 3/4"					



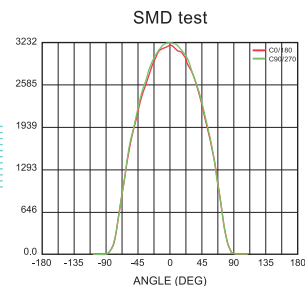
Dimension in Millimeters (inches)

## Optical Report

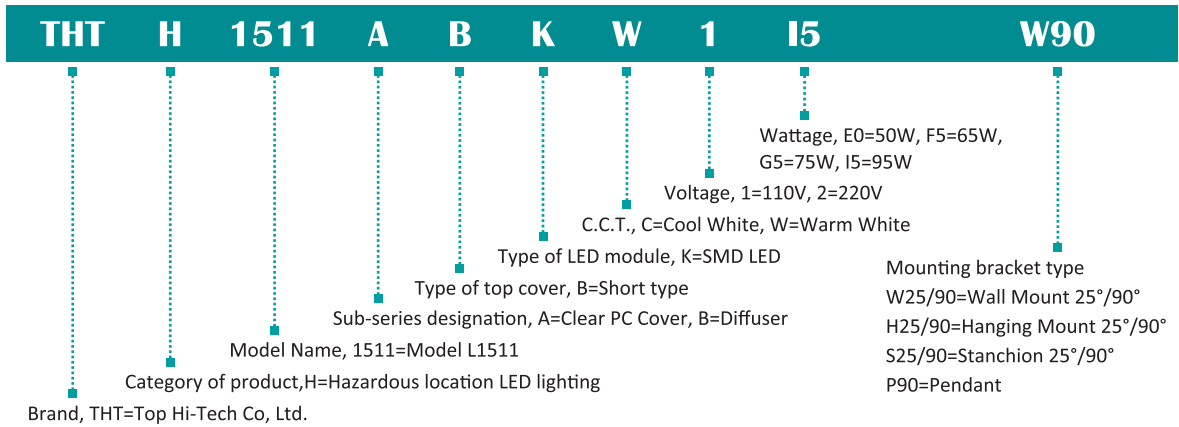
Polar Luminous Intensity Distribution



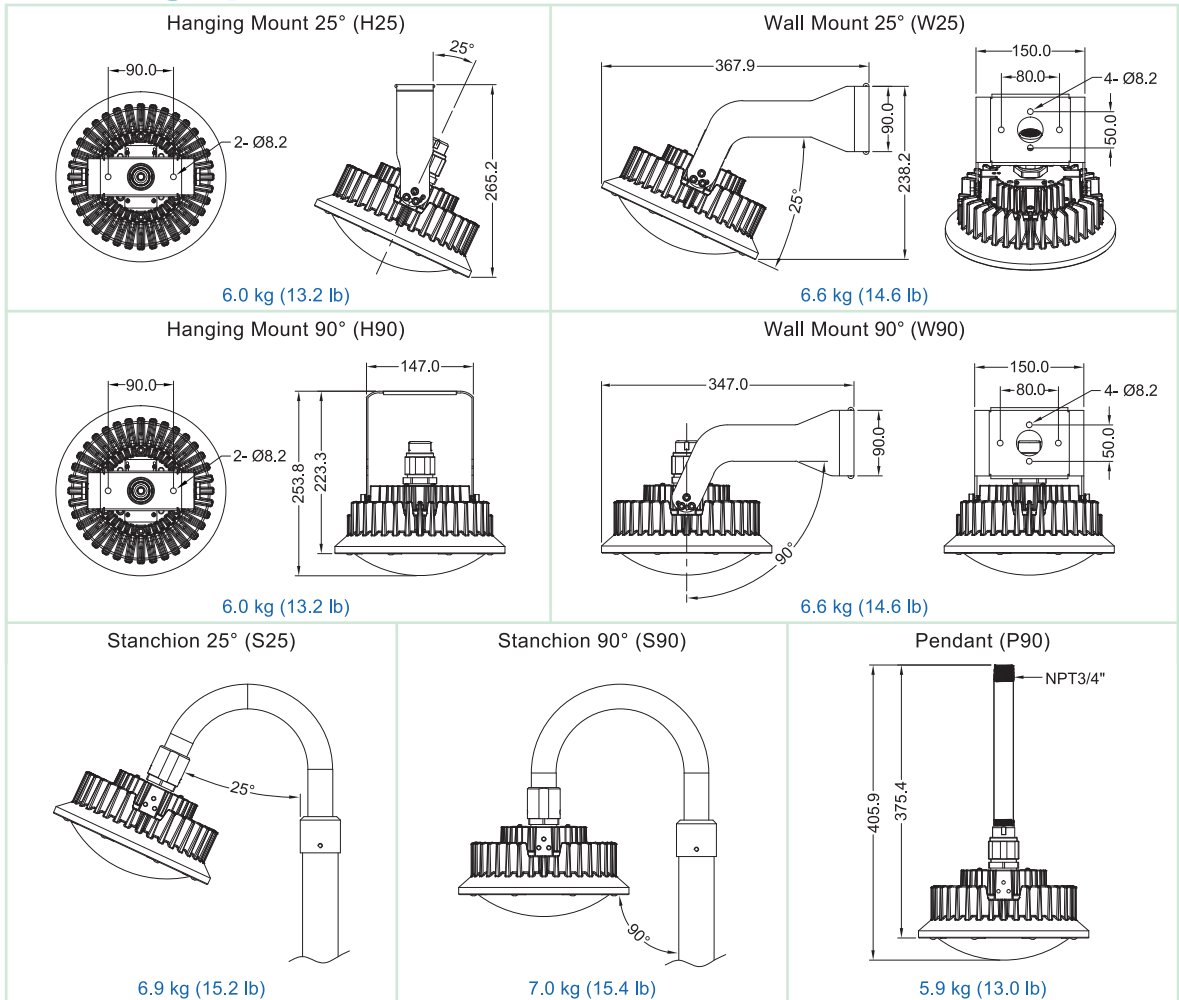
Luminous Intensity Distribution Diagram



## Model Code



## Mounting Option & Dimensions (All in mm)



### Applicable Area

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