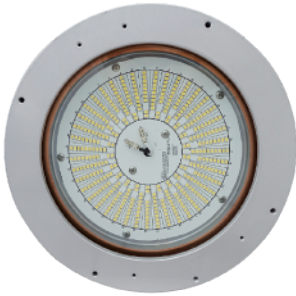




L1701

Luminaires For Use In Hazardous Locations



Net Weight: 8.0 kg (17.6 lb)



Protection

- Class I, Division 2, Group A, B, C and D
- Class II, Division 1, Group E, F and G
- Class III

Standards

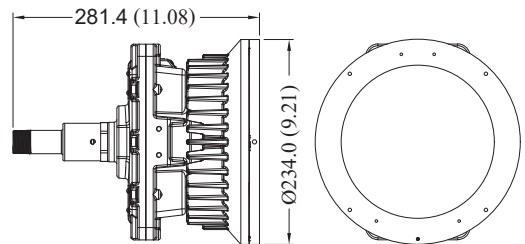
- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-M1981
- CSA C22.2 No. 30-M1986
- CSA C22.2 No. 25-1996
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

Light Features

- Full Voltage Explosion-proof LED Lighting for hazardous location
- IP67 rated for wet location
- Service life up to 60,000 hours

Technical Data

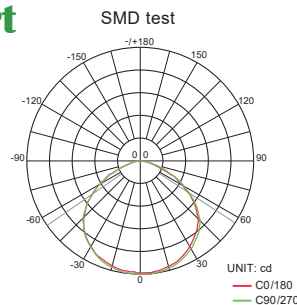
Rated Voltage (±10%)	120V ~ 277V AC (Full Voltage)			
Watts (±10%)	60W / 80W / 100W			
Amps	60W: 0.21 ~ 0.5A / 80W: 0.28 ~ 0.67A / 100W: 0.36 ~ 0.83A			
Color of LED Light	3000K (Warm White) / 5000K (Cool White)			
Ambient Temperature	CID2: -25°C ~ +40°C, T5 / CIID1: +40°C, T6			
Power Factor	cos ≥ 0.9			
CRI	Cool White ≥ 70 / Warm White ≥ 80			
Lumen (±10%)	SMD	60W	80W	100W
	3000K	6000lm	8000lm	10000lm
	5000K	6600lm	8800lm	11000lm
Beam Angle	X-110° / Y-110°			
Frequency	50 / 60 Hz			
Degree of Protection	IP67 / NEMA 6			
Material: Enclosure	Aluminum alloy			
LED Service Life	60,000 hrs			
Entrance Thread	1 × NTP 3/4"			



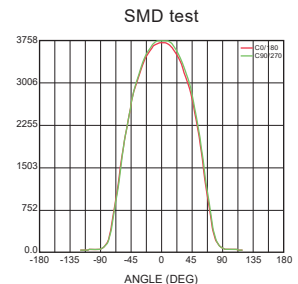
Dimension in Millimeters (inches)

Optical Report

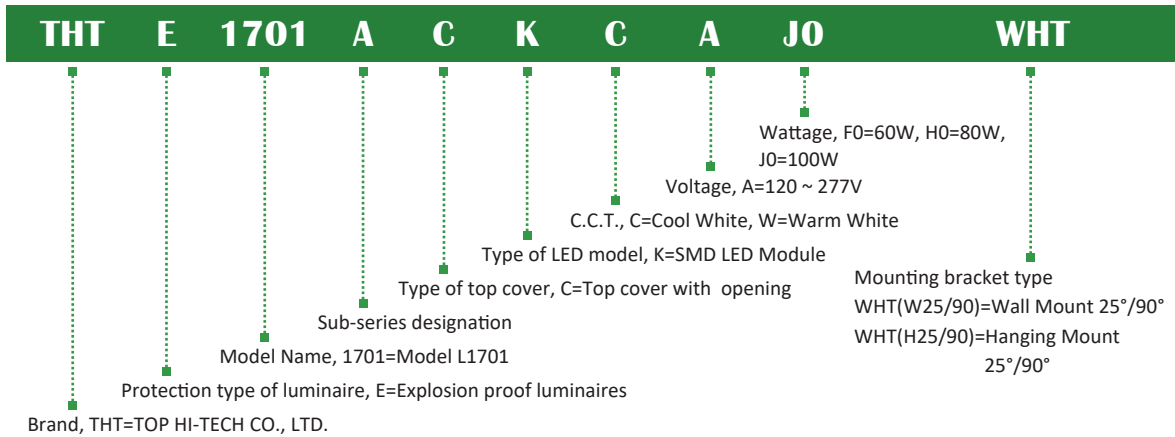
Polar Luminous Intensity Distribution



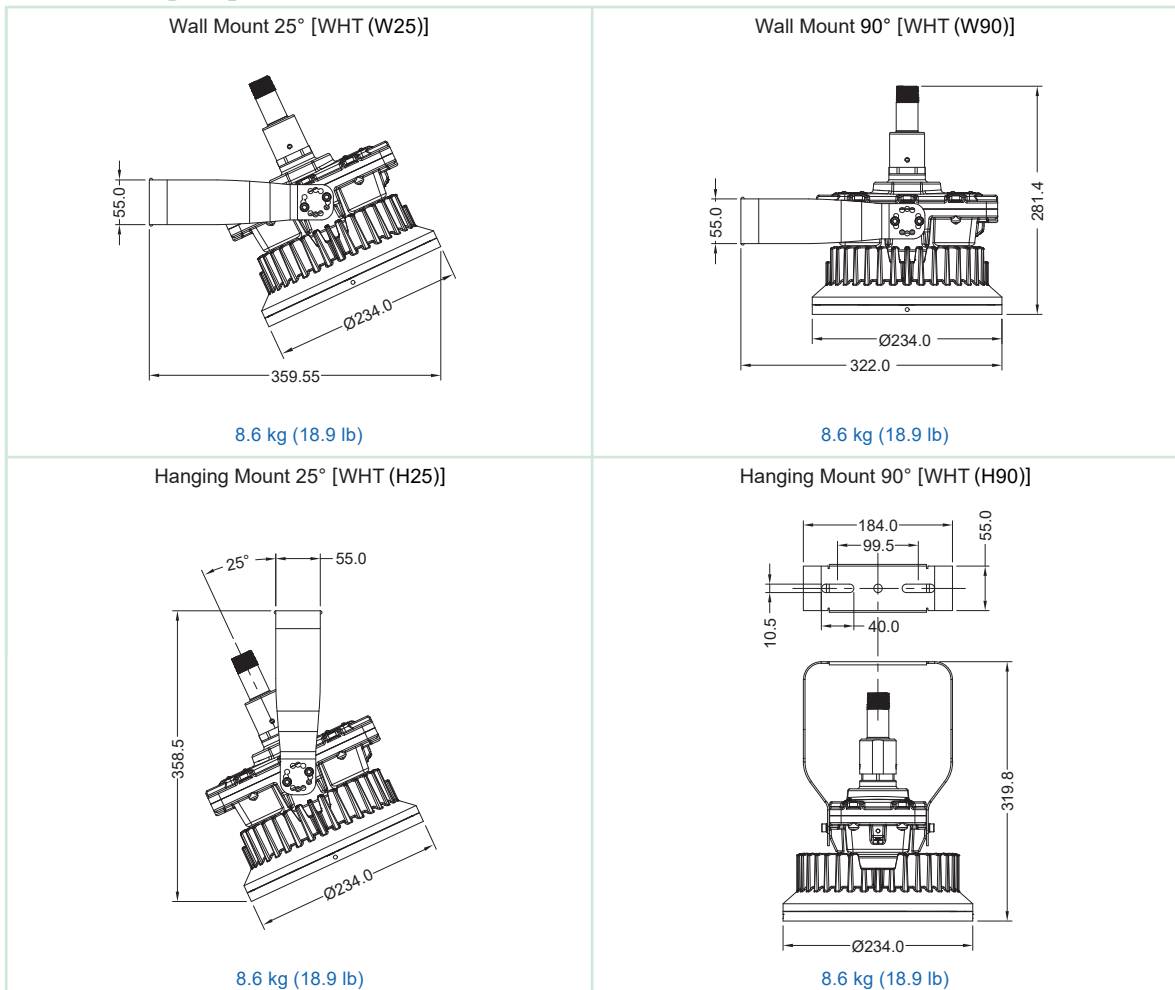
Luminous Intensity Distribution Diagram



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)