



L1605B

Hazardous Location Lighting

Energy Saving Light



Net Weight: 5.5kg (12.1 lb)

Zone 2

Zone 21

Zone 22

IP68

NEMA 6P

Protection

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

Standards

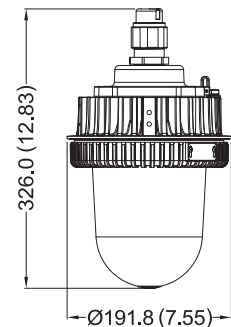
- CNS 3376-0
- CNS 3376-15
- IEC 60079-31

Light Features

- Power Saving Light
- Waterproof protection IP68
- Salt Spray 1000 hrs passed

Technical Data

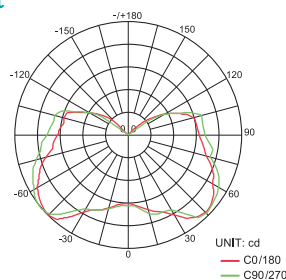
Rated Voltage (±10%)	110V (27W only) / 220V AC		
Watts (±10%)	23W / 27W		
Amps	23W 220V: 0.10A / 27W 110V: 0.25A, 220V: 0.12A		
Color of LED Light	2700K (Warm White) / 6500K (Cool White)		
Ambient Temperature	-20°C ~ +50°C, T5		
CRI	Cool White ≥ 70 / Warm White ≥ 80		
Lumen (±10%)		23W	27W
	3000K	1018lm	1303lm
	6500K	1065lm	1368lm
Beam Angle	X-227° / Y-227°		
Frequency	50 / 60 Hz		
Degree of Protection	IP68 / NEMA 6P		
Material	• Enclosure • Glass	Aluminum alloy Tempered glass	
LED Service Life	6,000 hrs		
Entrance Thread	1 x NPT 3/4"		



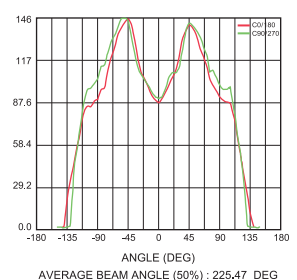
Dimension in Millimeters (inches)

Optical Report

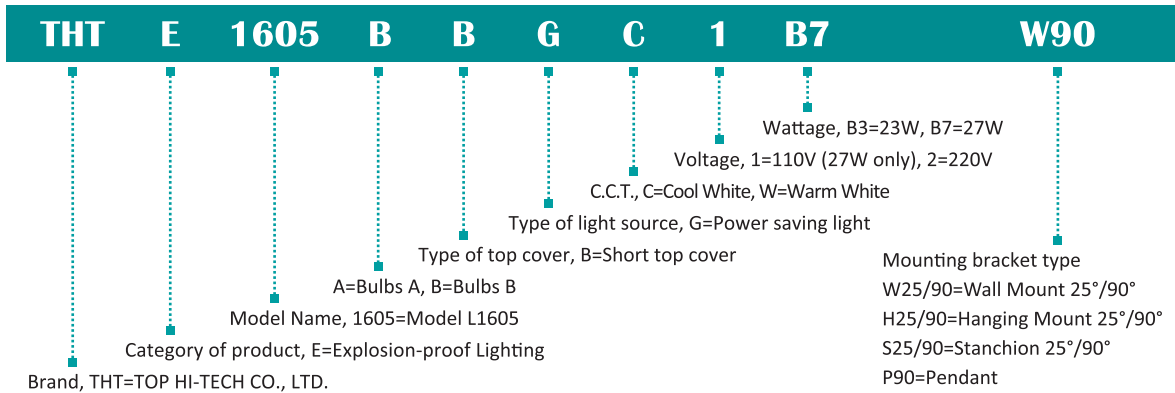
Polar Luminous Intensity Distribution



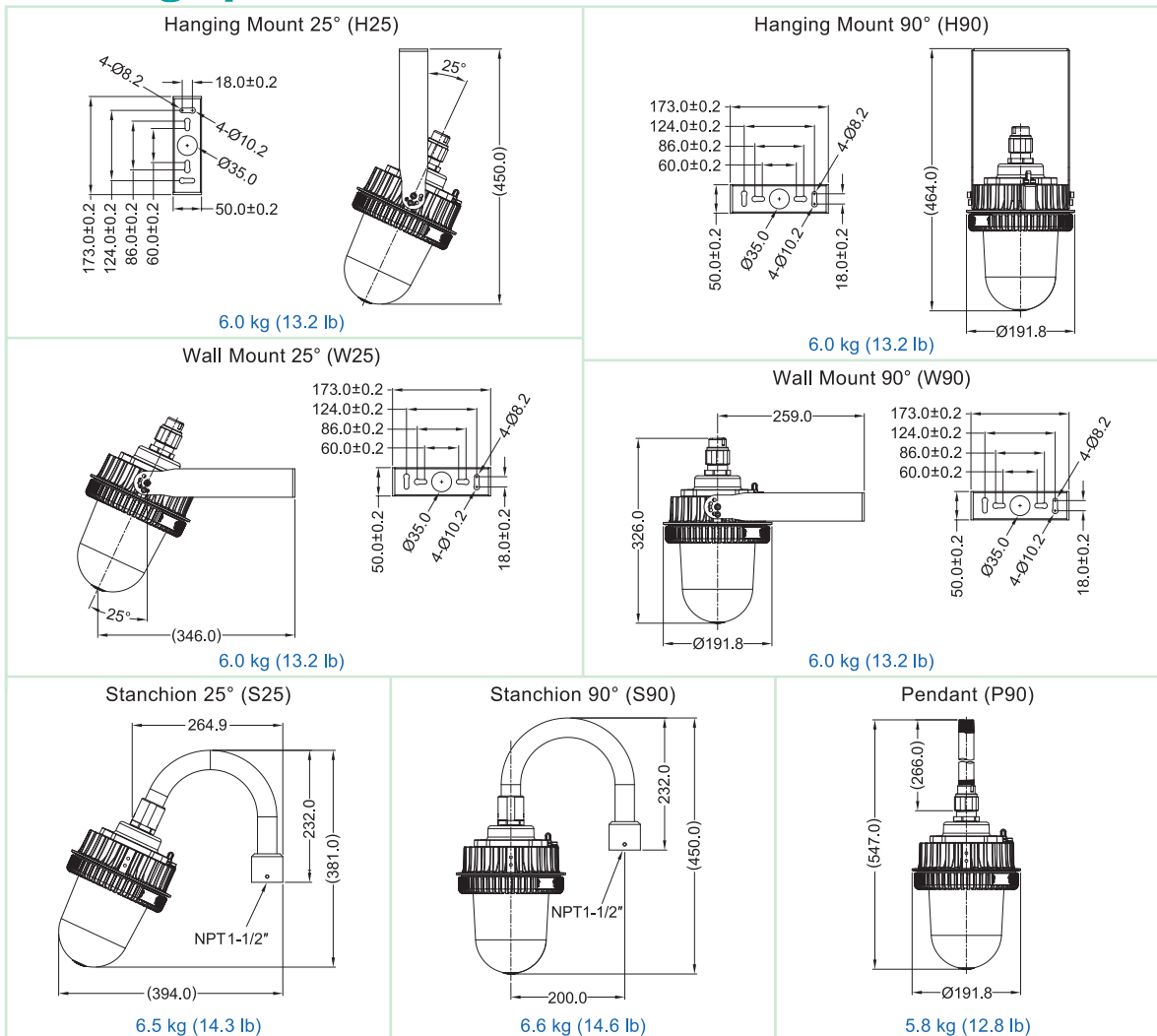
Luminous Intensity Distribution Diagram



Model Code



Mounting Option & Dimensions (All in mm)



Applicable Area

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