

L1733N

Luminaires For Use In Hazardous Locations



Net Weight: SMD/COB 8.2 kg (18 lb),
SMD with lens 9.4 kg (20.7 lb)



Protection

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III

Standards

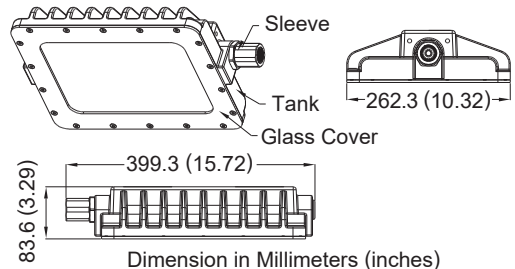
- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-M1981
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

Light Features

- Various wattage for different lumen requirement
- SMD with different angle lens is available upon request

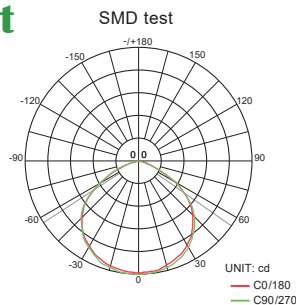
Technical Data

Rated Voltage ($\pm 10\%$)	COB: 120V / 277V / 347V (Only 120W) / 480V (Only 120W), SMD: 120V / 277V AC, SMD (with Lens): 100~277V / 200V~480V (Full Voltage)											
Watts ($\pm 10\%$)	COB: 120W/140W/160W, SMD: 120W/140W/150W, SMD(with Lens): 110W/130W/150W											
Amps	120W 120V: 1.00A, 277V: 0.43A, 347V: 0.35, 480V: 0.25A / 140W 120V: 1.17A, 277V: 0.51A / 150W 120V: 1.25A, 277V: 0.54A / 160W 120V: 1.33A, 277V: 0.58A / 110W 100~277V: 1.10A~0.40A, 200~480V:0.22A~0.55A / 130W 100~277V: 1.30A~0.50A, 200~480V:0.27A~0.65A / 150W 100~277V: 1.50A~0.54A, 200~480V:0.31A~0.75A											
Color of LED Light	3000K (Warm White) / 5000K (Cool White)											
Ambient Temperature	CID2: -20°C ~ +50°C, T3 / CIID2: +50°C, T4A (COB/SMD) CID2: -20°C ~ +40°C, T4A / CIID2: +40°C, T5 (SMD with Lens)											
Power Factor	$\cos \geq 0.9$, $\cos \geq 0.87$ (480V)											
CRI	Cool White ≥ 70 / Warm White ≥ 80											
Lumen ($\pm 10\%$)	COB	120W	140W	160W	SMD	120W	140W	150W	SMD with Lens	110W	130W	150W
	3000K	12192	13588	15107lm	3000K	11760	14074	15850lm	3000K	14279	16989	17485lm
	5000K	14416	13922	16630lm	5000K	14004	15587	17166lm	5000K	12502	14595	17685lm
Beam Angle	X-110° / Y-110° (COB / SMD)											
Frequency	50 / 60 Hz											
Degree of Protection	IP67 / NEMA 6											
Material	• Enclosure • Glass	Aluminum alloy Tempered glass										
LED Service Life	60,000 hrs											
Entrance Thread	1 × NPT 3/4"											

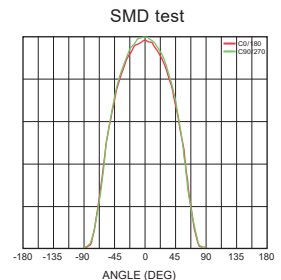


Optical Report

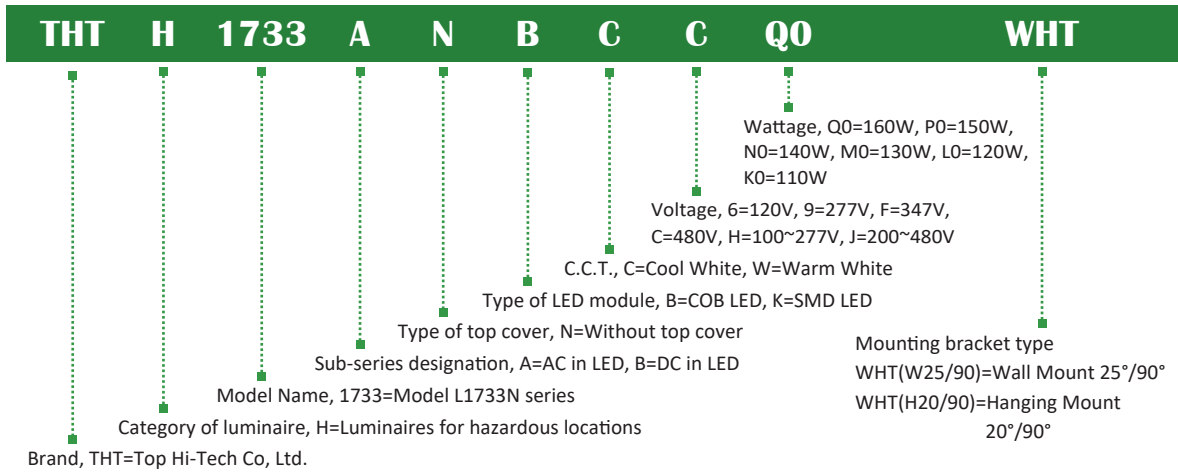
Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Model Code



Mounting Option & Dimensions (All in mm)

Wall Mount 25° [WHT (W25)]	Wall Mount 90° [WHT (W90)]	Hanging Mount 20° [WHT (H20)]	Hanging Mount 90° [WHT (H90)]
<p>View A</p>	<p>View A</p>	<p>View A</p>	<p>View A</p>
COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)	COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)	COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)	COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)

Applicable Area

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