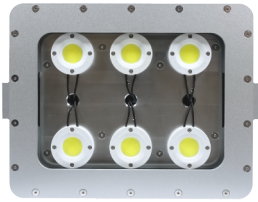
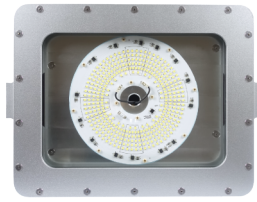


# L1733N

Luminaires  
For Use In Hazardous Locations



COB



SMD



SMD with Lens 50°, 60°/90°, 120°



### Protection

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

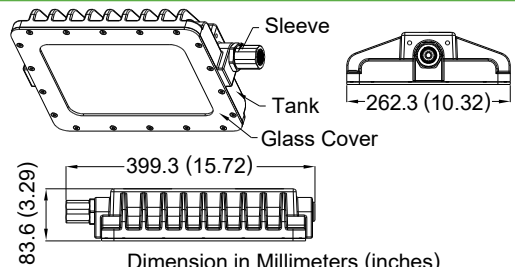
### Standards

- 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

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

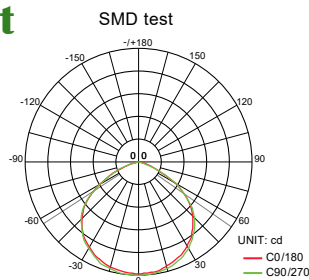
## Technical Data

Rated Voltage ( $\pm 10\%$ )	COB: 120V / 220V / 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, 220V: 0.55A, 277V: 0.43A, 347V: 0.35, 480V: 0.25A 140W 120V: 1.17A, 220V: 0.64A, 277V: 0.51A 150W 120V: 1.25A, 277V: 0.54A 160W 120V: 1.33A, 220V: 0.73A, 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 $\geq 70$ / Warm White $\geq 80$											
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"											

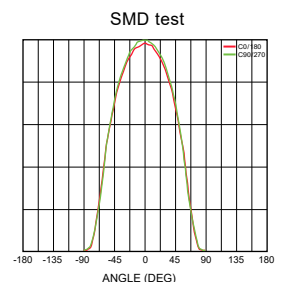


## Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



## Model Code

<b>THT</b>	<b>H</b>	<b>1733</b>	<b>A</b>	<b>N</b>	<b>B</b>	<b>C</b>	<b>C</b>	<b>Q0</b>	<b>WHT</b>
			①		②	③	④	⑤	⑥

### ① Sub-series Designation

A=Single voltage (AC LED)  
B=Full voltage (DC LED)

### ② Type of LED Module

B=COB LED  
K=SMD LED

### ③ C.C.T.

C=Cool White  
W=Warm White

### ④ Voltage

6=120V, 2=220V, 9=277V  
F=347V, C=480V  
H=100~277V  
J=200~480V

### ⑤ Wattage

Q0=160W, P0=150W  
N0=140W, M0=130W  
L0=120W, K0=110W

### ⑥ Mounting Bracket Type

WHT(W25/90)=Wall Mount 25°/90°  
WHT(H20/90)=Hanging Mount 20°/90°  
SL1=Street Type  
SL2=Electrical Tube Mount

## 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>
<p>COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)</p>	<p>COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)</p>	<p>COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)</p>	<p>COB/SMD: 9.8 kg (21.6 lb) SMD with Lens: 11.0 kg (24.3 lb)</p>
<h3>Street Type (SL1)</h3>		<h3>Electrical Tube Mount (SL2)</h3>	
<p>COB/SMD: 9.3 kg (20.5 lb) SMD with Lens: 10.5 kg (23.1 lb)</p>		<p>COB/SMD: 9.3 kg (20.5 lb) SMD with Lens: 10.5 kg (23.1 lb)</p>	