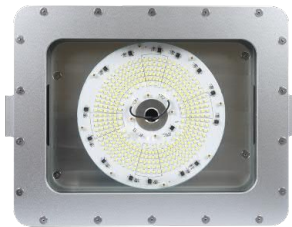


L1733N

Hazardous Location LED Lighting



SMD



SMD with Lens 50°,
60°/90°, 120°



Zone
2

Zone
21

Zone
22

IP67

NEMA
6

Protection

- SMD • Ex nR IIC T5 Gc
• Ex tb IIIC T100°C Db
• Ex II 3 G Ex nR IIC T5 Gc
• Ex II 2 D Ex tb IIIC T100°C Db
- SMD with Lens
• Ex nR IIC T6 Gc
• Ex tb IIIC T85°C Db
• Ex II 3 G Ex nR IIC T6 Gc
• Ex II 2 D Ex tb IIIC T85°C Db

Standards

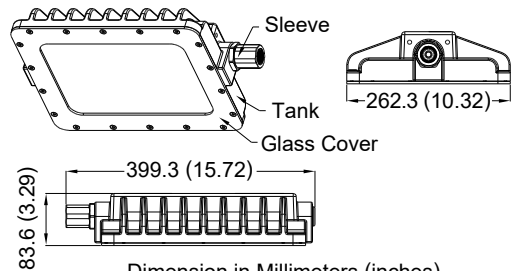
IEC 60079-0
IEC 60079-15
IEC 60079-31
EN 60079-0
EN 60079-15
EN 60079-31

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

Technical Data

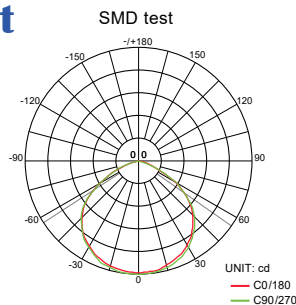
Rated Voltage (±10%)	SMD: 110V / 220V / 277V AC SMD with Lens: 100~277V (Full Voltage)							
Watts (±10%)	SMD:120W/140W/150W, SMD(with Lens):110W/130W/150W							
Amps	SMD 120W 110V:1.09A, 220V:0.55A, 277V:0.43A 140W 110V:1.27A, 220V:0.64A, 277V:0.51A 150W 110V:1.36A, 220V:0.68A, 277V:0.54A SMD with Lens 110W 0.39A~1.1A / 130W 0.46A~1.3A / 150W 0.54A~1.5A							
Color of LED Light	3000K (Warm White) / 5000K (Cool White)							
Ambient Temperature	-20°C ~ +50°C, T5 (SMD), -20°C ~ +40°C, T6 (SMD with Lens)							
Power Factor	cos≥0.9							
CRI	Cool White≥70 / Warm White≥80							
Lumen (±10%)	SMD	120W	140W	150W	SMD with Lens	110W	130W	150W
	3000K	11760	14074	15850lm	3000K	14279	16989	17485lm
	5000K	14004	15587	17166lm	5000K	12502	14595	17685lm
Beam Angle	X-110° / Y-110°							
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"							

The technical drawing illustrates the LED light fixture from three perspectives: top, side, and front views. The top view shows a rectangular fixture with a width of 399.3 mm (15.72 inches) and a depth of 86 mm (3.29 inches). A sleeve is attached to the side, and the fixture is mounted on a tank with a diameter of 262.3 mm (10.32 inches). The front view shows the glass cover and the internal LED array.

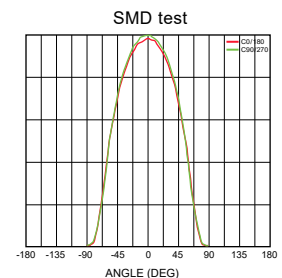


Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Model Code

THT	H	1733	A	N	K	C	9	P0	WHT
			①			②	③	④	⑤

① Sub-series Designation

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

② C.C.T.

C=Cool White
W=Warm White

③ Voltage

1=110V(AC LED)
2=220V(AC LED)
9=277V(AC LED)
H=100~277V(DC LED)

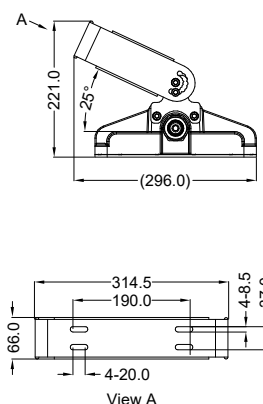
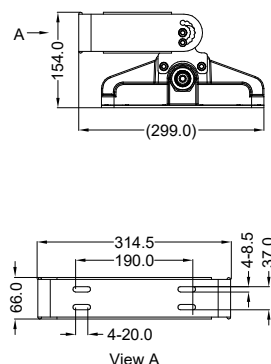
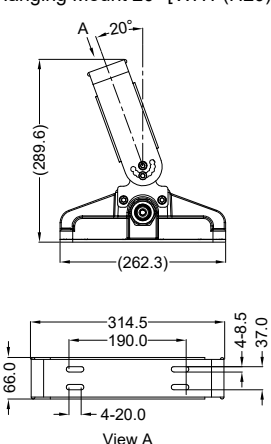
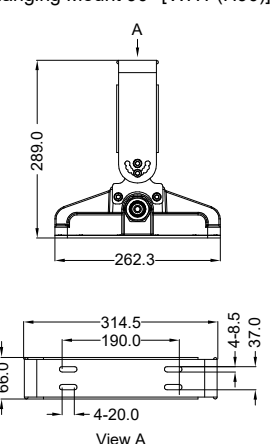
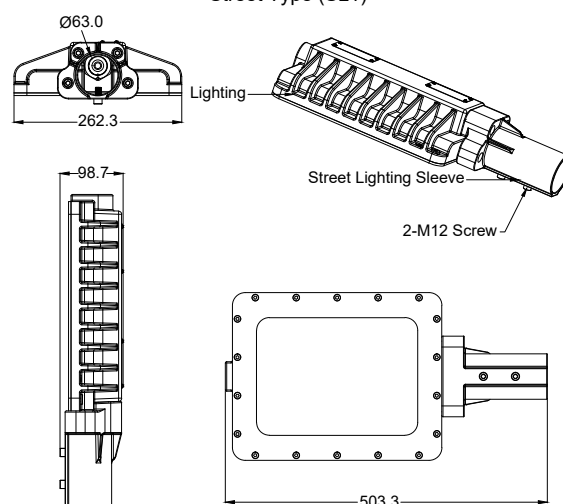
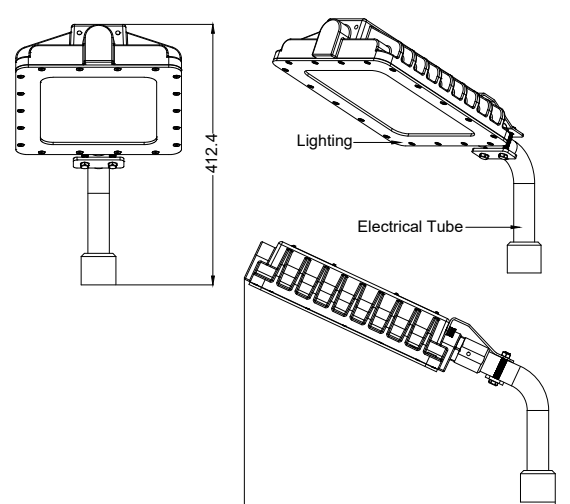
④ Wattage

K0=110W (DC SMD)
L0=120W (AC SMD)
M0=130W (DC SMD)
N0=140W (AC SMD)
P0=150W (AC & DC SMD)

⑤ Mounting Bracket Type

WHT=Wall/Hanging Mount
S25/90=Stanchion 25°/90°
SL=Street Light

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