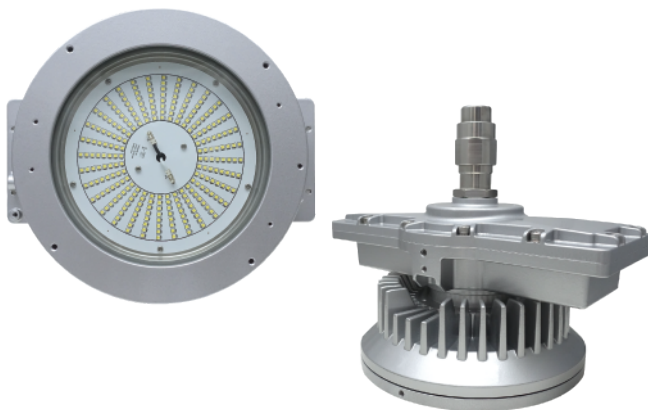


L1815C Universal Explosion-proof LED Lighting



Net Weight: 9.3 kg (20.5 lb)

Zone 1 Zone 2 Zone 21 Zone 22 IP67 NEMA 6

Protection

- Ex db IIC T5 Gb
- Ex tb IIIC T100°C Db
- Ⓜ II 2 G Ex db IIC T5 Gb
- Ⓜ II 2 D Ex tb IIIC T100°C Db

Standards

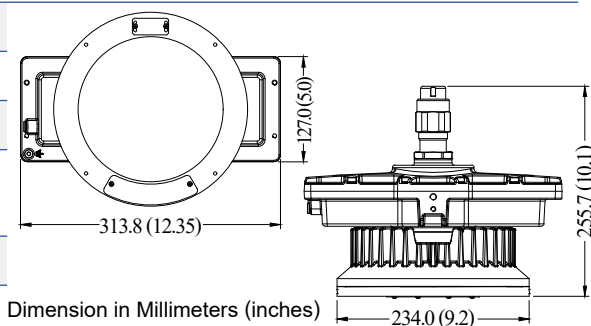
IEC 60079-0
IEC 60079-1
IEC 60079-31
EN 60079-0
EN 60079-1
EN 60079-31

Light Features

- 150W high power lighting
- Service life up to 60,000 hours

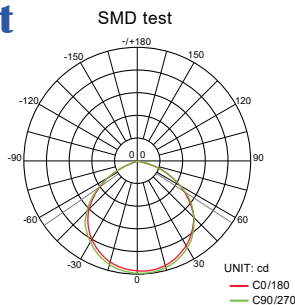
Technical Data

Rated Voltage (±10%)	100V ~ 277V AC / 200V~480V (Full Voltage)		
Watts (±10%)	120W / 150W		
Amps	120W 0.25A ~ 1.20A, 150W 0.31A ~ 1.50A		
Color of LED Light	2700K (Warm White) / 6500K (Cool White)		
Ambient Temperature	-20°C ~ +40°C, T5		
Power Factor	cos ≥ 0.9		
CRI	Cool White ≥ 70 / Warm White ≥ 80		
Lumen (±10%)	SMD	120W	150W
	2700K	14496lm	17307lm
	6500K	15239lm	18099lm
Beam Angle	X-110° / Y-110°		
Frequency	50 / 60 Hz		
Degree of Protection	IP67 / NEMA 6		
Material	• Enclosure: Aluminum alloy • Glass: Tempered glass		
LED Service Life	60,000 hrs		
Entrance Thread	1 × M25		

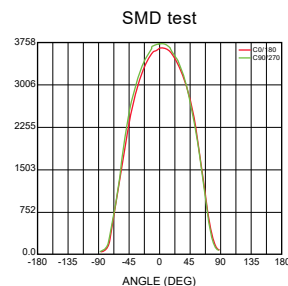


Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Model Code

THT	E	1815	C	C	K	C	J	P0	W25
						①	②	③	④

① C.C.T.

C=Cool White
W=Warm White

② Voltage

H=100~277V
J=200~480V

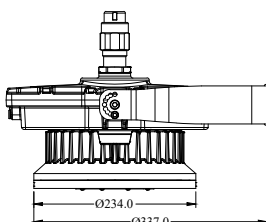
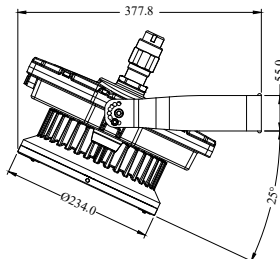
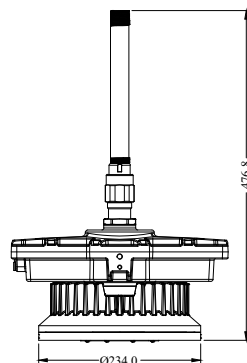
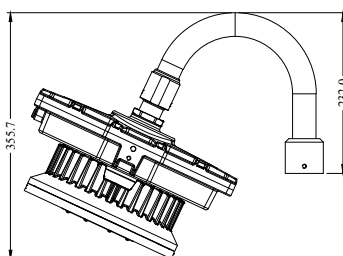
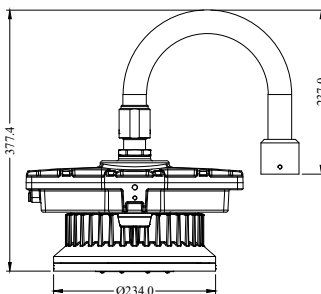
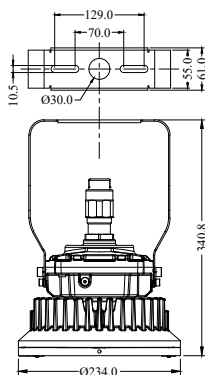
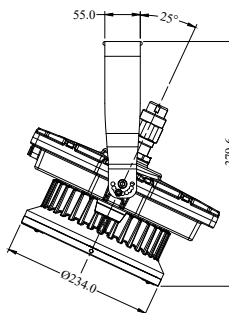
③ Wattage

L0=120W
P0=150W

④ Mounting Bracket Type

W25/90=Wall Mount 25°/90°
H25/90=Hanging Mount 25°/90°
S25/90=Stanchion 25°/90°
P90=Pendant

Mounting Option & Dimensions (All in mm)

Wall Mount 90° (W90)  10.0 kg (22.0 lb)	Wall Mount 25° (W25)  10.0 kg (22.0 lb)	Pendant (P90)  9.5 kg (20.9 lb)
Stanchion 25° (S25)  10.3 kg (22.7 lb)	Stanchion 90° (S90)  10.4 kg (22.9 lb)	
Hanging Mount 90° (H90)  10 kg (22.0 lb)	Hanging Mount 25° (H25)  10 kg (22.0 lb)	