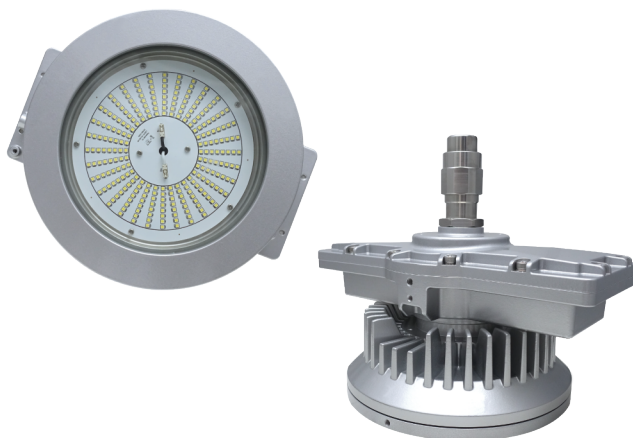


# L1815C Universal Explosion-proof LED Lighting



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

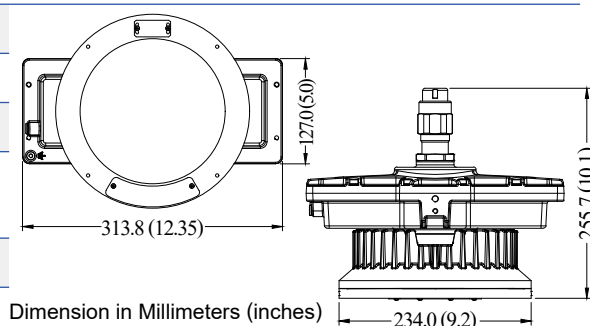
Net Weight: 9.3 kg (20.5 lb)

## 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 ≥ 78		
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 • Glass	Aluminum alloy Tempered glass	
LED Service Life	60,000 hrs		
Entrance Thread	1 × M25		

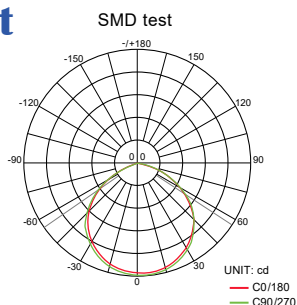
The technical drawing shows two views of the LED light fixture. The front view is a circular unit with a diameter of 313.8 mm (12.35 inches). It has a mounting bracket on the right side with a height of 127.0 mm (5.0 inches). The side view shows the fixture's profile, including the mounting bracket and the LED array at the bottom. The base diameter is 234.0 mm (9.2 inches).

Dimension in Millimeters (inches)

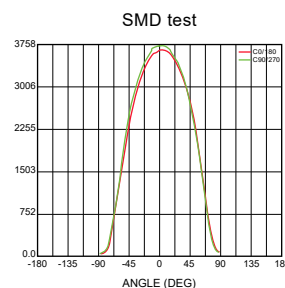


## Optical Report

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

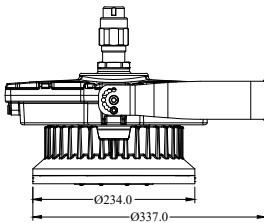
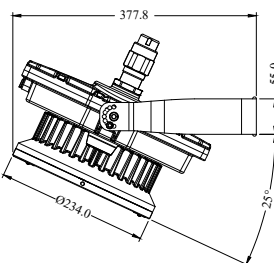
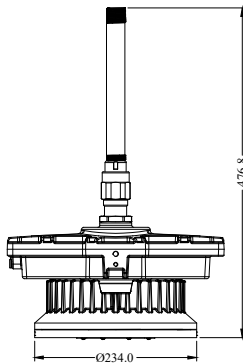
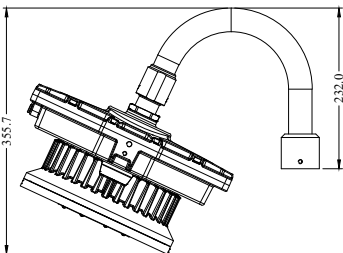
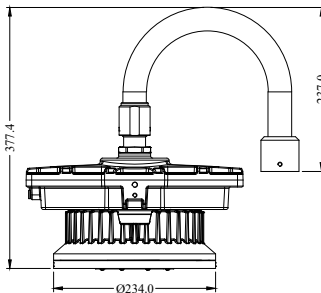
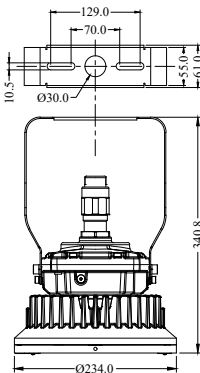
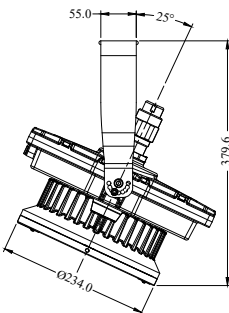
### ③ Wattage

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)

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