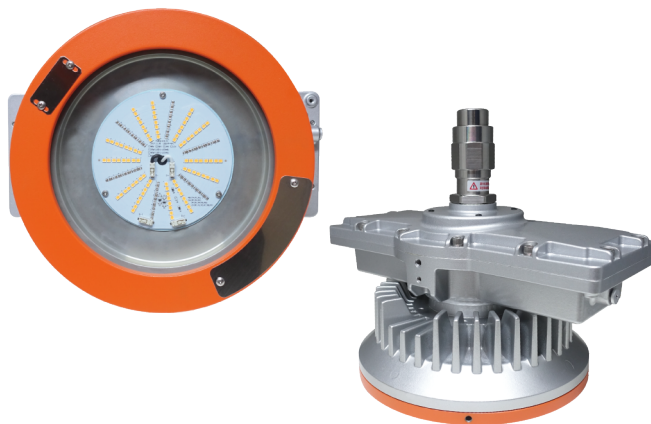


# L1815A Universal Explosion-proof LED Lighting



Net Weight: 9.1 kg (20.1 lb)



## Protection

- Ex db IIC T6 Gb
- Ex tb IIIC T80°C Db
- Ⓜ II 2 G Ex db IIC T6 Gb
- Ⓜ II 2 D Ex tb IIIC T80°C Db

## Standards

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

## Light Features

- Provide up to 120 mins emergency lighting
- Service life up to 60,000 hours

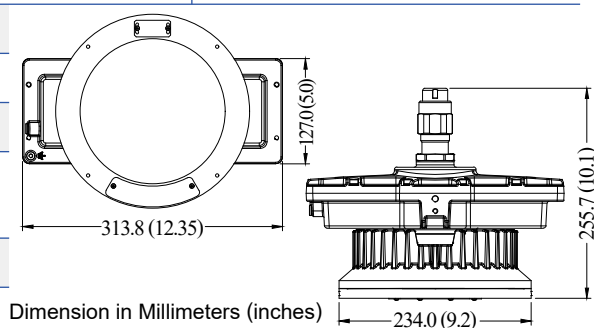
## Technical Data

Rated Voltage (±10%)	100V ~ 277V AC (Full Voltage)	
Total System Power Consumption (+10%)	55W (LED:40W)	
Amps	0.20A ~ 0.55A	
Color of LED Light	3000K (Warm White) / 5000K (Cool White)	
Ambient Temperature	0°C ~ +40°C, T6	
Power Factor	cos ≥ 0.9	
CRI	Cool White ≥ 70 / Warm White ≥ 80	
Lumen (±10%)	SMD	
	3000K	3600lm
	5000K	4000lm
Beam Angle	X-110° / Y-110°	
Frequency	50 / 60 Hz	
Degree of Protection	IP67 / NEMA 6	
Material	<ul style="list-style-type: none"> <li>• Enclosure: Aluminum alloy</li> <li>• Glass: Tempered glass</li> </ul>	
LED Service Life	60,000 hrs	
Entrance Thread	1 × M25	

## \*Battery Backup\*

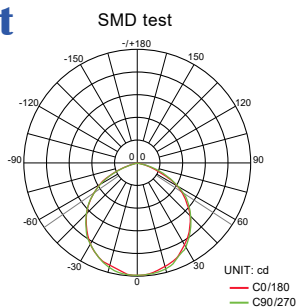
- Emergency mode output wattage: 40W
- Charging time: 48 hours
- Emergency mode illumination time: 120 minutes
- UL 2054 certified Li-ion battery

\*When the fixture is not in use, please charge 48 hours every month to maintain the battery's performance.

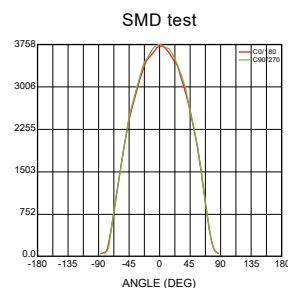


## Optical Report

### Polar Luminous Intensity Distribution



### Luminous Intensity Distribution Diagram

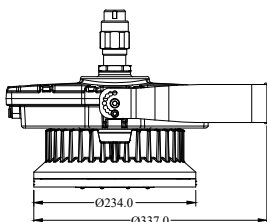
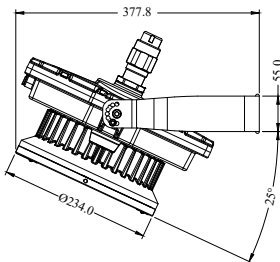
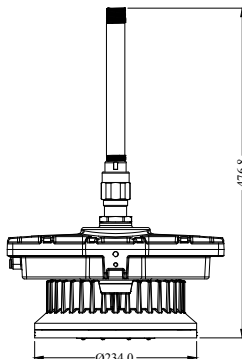
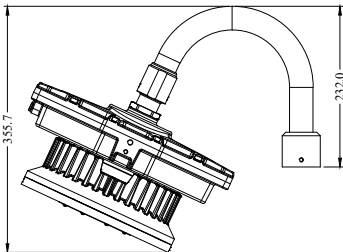
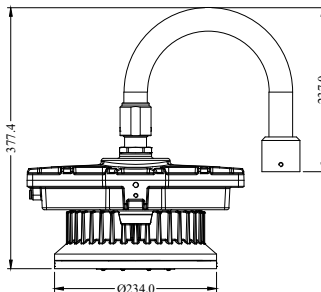
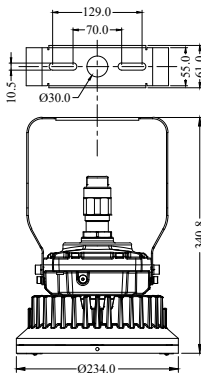
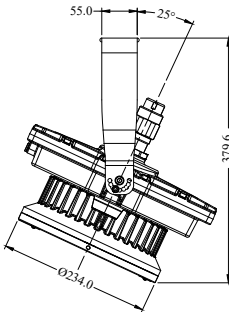


## Model Code

THT	E	1815	A	C	K	C	H	E5	W25
						①			②

- ① C.C.T.  
C=Cool White  
W=Warm White
- ② 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>	