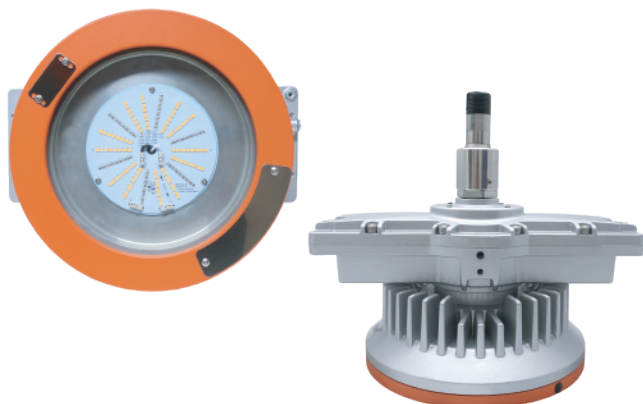


L1815A

Luminaires for use in Hazardous Locations



CID1
Group
B, C, D

CIID1
Group
E, F, G

IP67

NEMA
6

Protection

- Class I, Division 1
Groups B, C and D
- Class II, Division 1
Groups E, F and G
- Class III

Standards

UL 844
UL 1598
UL 8750
CSA C22.2 No. 137-18
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

Net Weight: 9.1 kg (20.1 lb)

Emergency Mode
Illumination Time: 120 minutes (40W) / 240 minutes (20W)

Technical Data

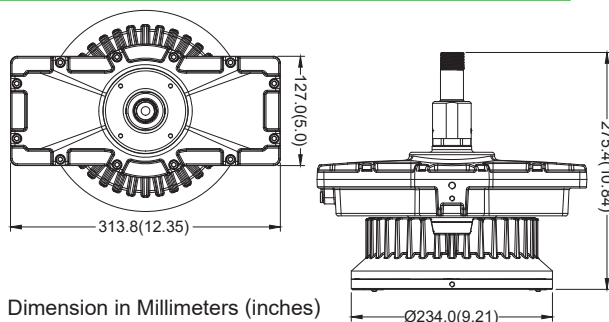
Rated Voltage (±10%)	120V ~ 277V AC (Full Voltage)		
Total System Power Consumption (+10%)	60W		
LED Output	40W / 20W (Reduced mode)		
Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
Ambient Temperature	CID1: -20°C ~ +40°C, T5 / CIID1: +40°C, T4A		
Power Factor	cos≥0.9		
CRI	Cool White≥70 / Warm White≥80		
Lumen (±10%)	SMD	40W	20W
	3000K	3600lm	1800lm
	5000K	4000lm	2000lm
Beam Angle	X-110° / Y-110°		 313.8(12.3) Dimension in Milli
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		

Battery Backup

- Emergency mode output wattage:
40W / 20W(Reduced mode)
- Charging time: 48 hours
- Emergency mode illumination time:
120 minutes (40W) / 240 minutes (20W)
- UL 2054 certified Li-ion battery

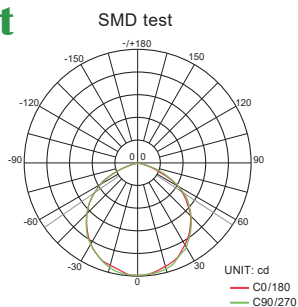
*Panasonic Battery

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

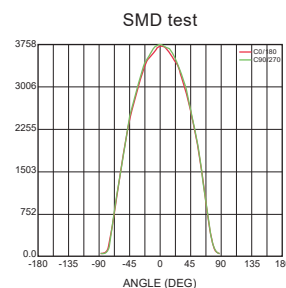


Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Model Code

THT	E	1815	A	C	K	C	H	F0	WHT	
						①				②

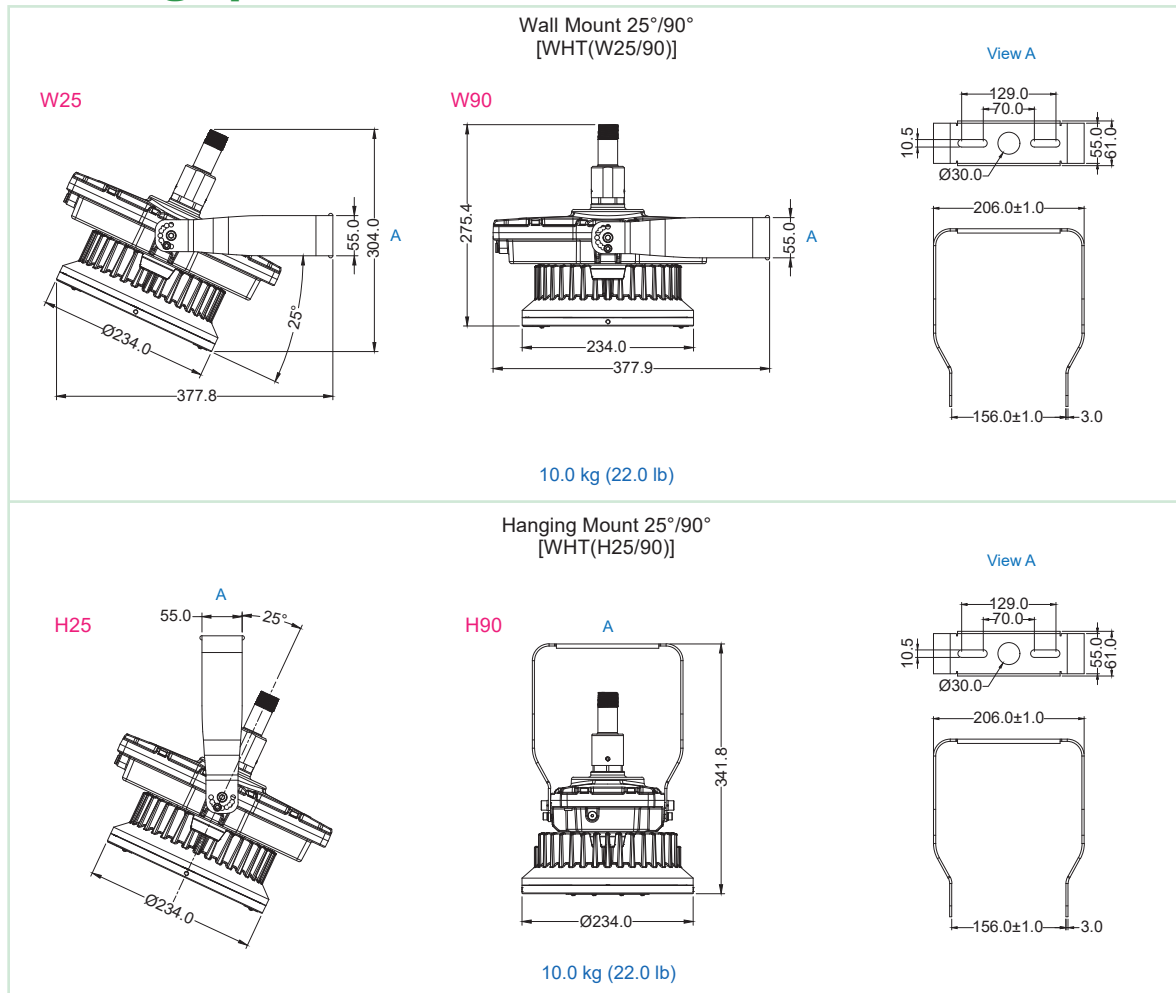
① C.C.T.

C=Cool White
W=Warm White

② Mounting Bracket Type

WHT(W25/90)=Wall Mount 25°/90°
WHT(H25/90)=Hanging Mount 25°/90°

Mounting Option & Dimensions (All in mm)



Applicable Area

- Oil Refinery Complex
- Painting Facility
- Transporting Liquefied
- Offshore Platform
- Petrochemical Complex
- Transporting Nature Gas
- Petroleum Gas
- (Oil and Natural Gas)