L2102

Luminaires
For Use In Hazardous Locations





CID2 Group B, C, D | IP67 | NEMA 6

Protection

- Class I, Division 2, Group B, C, D

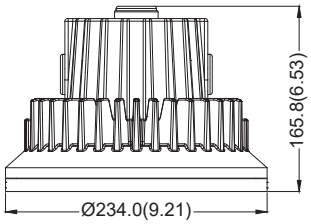
Standards

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

Net Weight: 6.6 kg (14.6 lb)

Technical Data

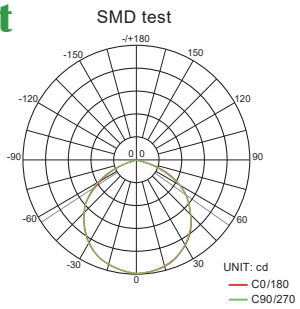
Rated Voltage (±10%)	100V~277V AC
Watts (±10%)	30W / 35W / 40W / 45W / 50W / 55W / 60W
Amps	0.11A~0.60A
Color of LED Light	3000K (Warm White) / 5000K (Cool White)
Ambient Temperature	-20°C ~ +40°C, -20°C ~ +50°C
Power Factor	cos≧0.9
CRI	Cool White≧70 / Warm White≧80
Lm / W (±10%)	145 lm/w (Warm White), 160 lm/w (Cool White)
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	3 × NPT 3/4" or M25



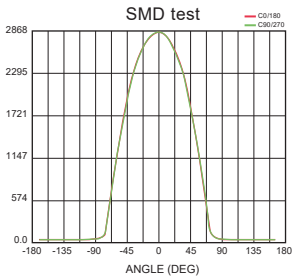
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



THT-EX reserves the right to make changes at any time in order to supply the best product possible.

Model Code

THT	E	2102	A	B	K	C	H	F0	WHT
						①		②	③

① C.C.T.
C=Cool White
W=Warm White

② Wattage
C0= 30W E0= 50W
C5= 35W E5= 55W
D0= 40W F0= 60W
D5= 45W

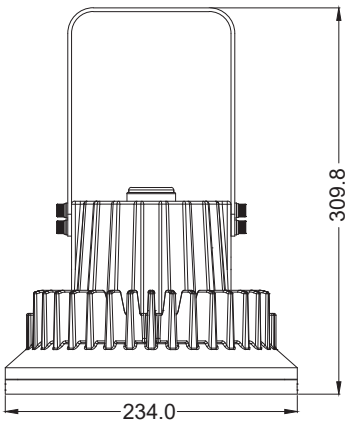
③ Mounting Bracket Type
W90=Wall mount
P90=Pendant mount
WHT(O)=Wall / Hanging Mount (Octagonal Box)
WHT(OS)=Wall / Hanging Mount (Small Octagonal Box)



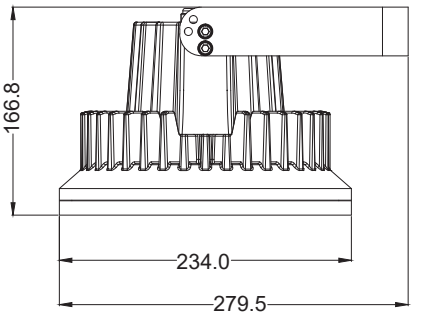
Mounting Option & Dimensions (All in mm)

Wall Mount / Pendant Mount (WHT)

Pendant Mount

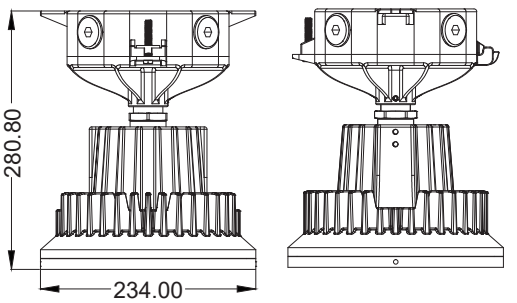


Wall Mount



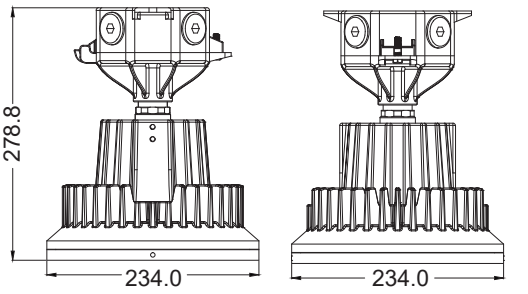
7.6 kg (16.8 lb)

●Octagonal Box [WHT(O)]



This mounting bracket is only applicable to C1D2 protection

●Small Octagonal Box [WHT(OS)]



This mounting bracket is only applicable to C1D2 protection

Applicable Area

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