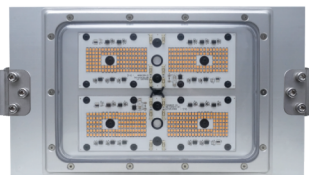


L1403L【Single Module】

Luminaires For Use In Hazardous Locations



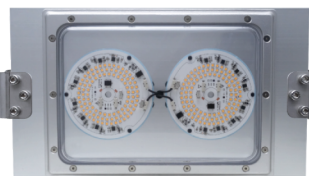
100W



150W



105W



80W, 100W, 120W



Protection

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

Standards

UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 250.0-18
CSA C22.2 No. 250.13-17

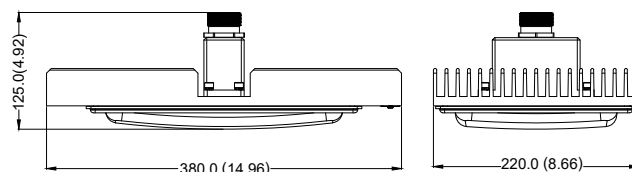
Net Weight: 5.0 kg (11.0 lb)



Technical Data

Rated Voltage (±10%)	120V / 220V / 230V / 277V / 347V / 480V AC (347V and 480V Only for 80W / 100W / 120W)											
Watts (±10%)	Circle SMD: 80W / 100W / 105W / 120W ; Rectangle SMD: 100W / 150W											
Amps	80W 120V: 0.67A, 220V: 0.36A, 230V: 0.35A, 277V: 0.29A, 347V: 0.23A, 480V: 0.17A 100W 120V: 0.83A, 220V: 0.45A, 230V: 0.43A, 277V: 0.36A, 347V: 0.29A, 480V: 0.21A 105W 120V: 0.88A, 220V: 0.48A, 230V: 0.46A, 277V: 0.38A 120W 120V: 1.00A, 220V: 0.55A, 230V: 0.52A, 277V: 0.43A, 347V: 0.35A, 480V: 0.25A 150W 120V: 1.25A, 220V: 0.68A, 230V: 0.65A, 277V: 0.54A											
Color of LED Light	Circle SMD: 3000K (Warm White) / 5000K (Cool White) Rectangle SMD: 2700K (Warm White) / 6500K (Cool White)											
Ambient Temperature	-20°C ~ +40°C, T3C / -20°C ~ +60°C, T3B											
Power Factor	cos≥0.9, cos≥0.87(480V)											
CRI	Cool White≥70 / Warm White≥80											
Lumen (±10%)	<div>Clear PC Cover</div>	80W	100W	105W	120W	150W	<div>Diffuser</div>	80W	100W	105W	120W	150W
	3000K	8400lm	10500lm	9900lm	12600lm	16600lm	3000K	7500lm	9400lm	8900lm	11300lm	14900lm
	5000K	9600lm	12000lm	10500lm	14100lm	18000lm	5000K	8600lm	10800lm	9400lm	12700lm	16200lm
Beam Angle	X-117° / Y-117°											
Frequency	50 / 60 Hz											
Degree of Protection	IP67 / NEMA 6											
Material	<div>• Enclosure • Cover</div>	Aluminum alloy PC Cover										
LED Service Life	60,000 hrs											

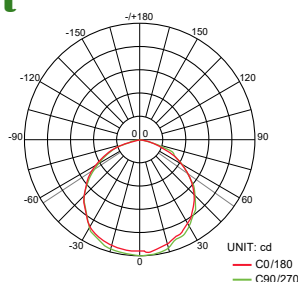
Dimension in Millimeters (inches)



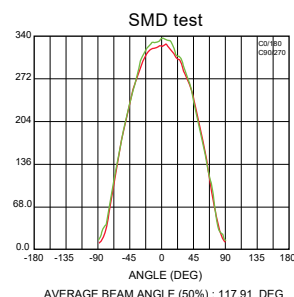
Dimension in Millimeters (inches)

Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Model Code

THT	H	1403	S	C	H	C	9	P0	01	C90
					①	②	③	④	⑤	⑥

① Type of LED module

H=Rectangle SMD type LED
K=Circle SMD type LED

② C.C.T.

C=Cool White
W=Warm White

③ Voltage

6=120V, 2=220V
D=230V, 9=277V
F=347V, C=480V

④ Wattage

H0=80W, J0=100W
J5=105W, L0=120W
P0=150W

⑤ PC Cover

01=PC Cover with clear
02=PC Cover with matte

⑥ Mounting Bracket Type

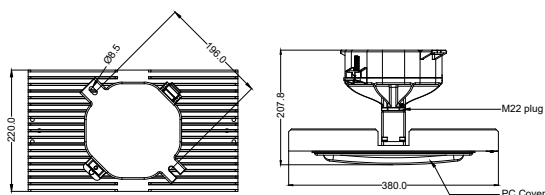
C90=Ceiling mount 90°
P90=Pendant mount
S25=Bending Electrical Tube 25°
WHT(W90)=Wall mount 90°
WHT(H90)=Hanging mount 90°



PC Cover with matte

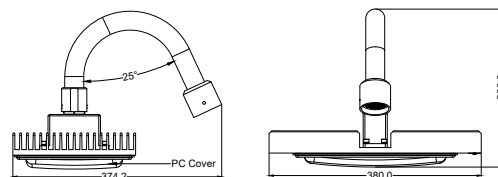
Mounting Option & Dimensions (All in mm)

Ceiling 90° (C90)



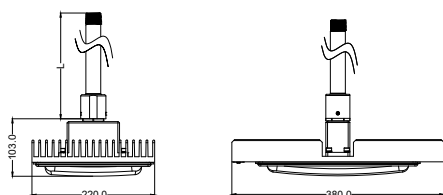
6.3 kg (13.8 lb)

Bending Electrical Tube 25° (S25)



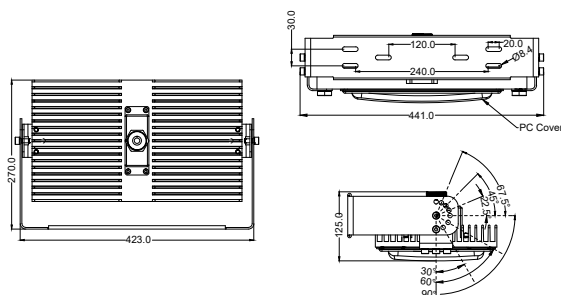
6.4 kg (14.1 lb)

Pendant (P90)



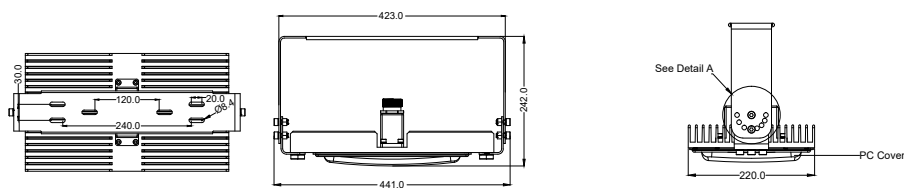
7.1 kg (16.6 lb)

Wall Mount 90° [WHT(W90)]



6.4 kg (14.1 lb)

Hanging Mount 90° [WHT(H90)]



6.4 kg (14.1 lb)

Applicable Area

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