

L1915

Hazardous Location LED Lighting



Dual Tank

Single Tank



Zone
2

Zone
21

IP67

NEMA
6

Protection

- Ex nR IIC T4...T5 Gc
- Ex tb IIIC T115°C...T100°C Db
- Ex II 3 G Ex nR IIC T4...T5 Gc
- Ex II 2 D Ex tb IIIC T115°C...T100°C Db

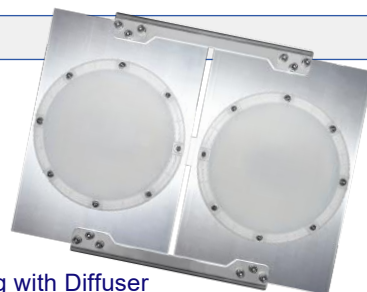
Standards

IEC 60079-0
IEC 60079-15
IEC 60079-31
EN 60079-0
EN 60079-15
EN 60079-31

Net Weight:
Single Tank-8.5.0 kg (18.7 lb)
Dual Tank-17.0 kg (37.48 lb)

Technical Data

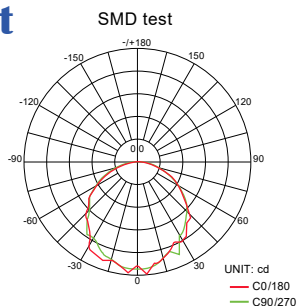
Rated Voltage (±10%)	110V / 120V / 220V / 230V / 277V / 347V / 480V AC
Watts (±10%)	Single Tank: 120W / 140W / 150W / 180W / 200W / 220W / 250W Dual Tank: 240W / 280W / 300W / 360W / 400W / 440W / 500W
Amps	Single Tank: 0.25A~2.27A Dual Tank: 0.50A~4.55A
Color of LED Light	3000K (Warm White) / 5000K (Cool White)
Ambient Temperature	-20°C ~ +40°C, T5 / -20°C ~ +60°C, T4
Power Factor	cos ≥ 0.9
CRI	Cool White ≥ 70 / Warm White ≥ 80
Lm / W (±10%)	Clear Cool White ≥ 115 lm, Warm White ≥ 105 lm Diffuser Cool White ≥ 110 lm, Warm White ≥ 100 lm
Beam Angle	X-113° / Y-115°
Frequency	50 / 60 Hz
Degree of Protection	IP67 / NEMA 6
Material	Enclosure: Aluminum alloy Cover: PC Cover (Clear or Diffuser)
LED Service Life	60,000 hrs



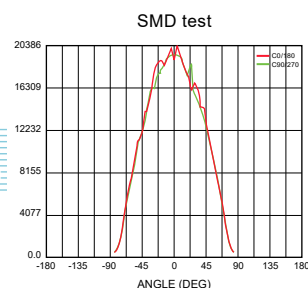
Lighting with Diffuser

Optical Report

Polar Luminous
Intensity Distribution

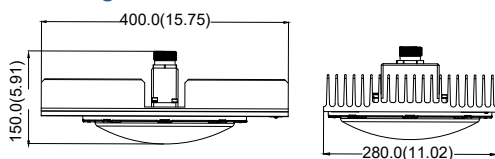


Luminous
Intensity Distribution Diagram

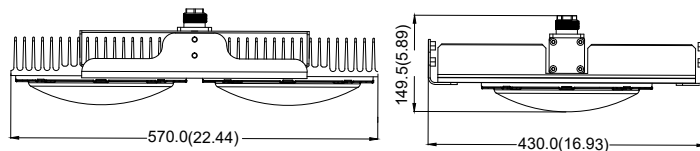


Dimensions

•Single Tank



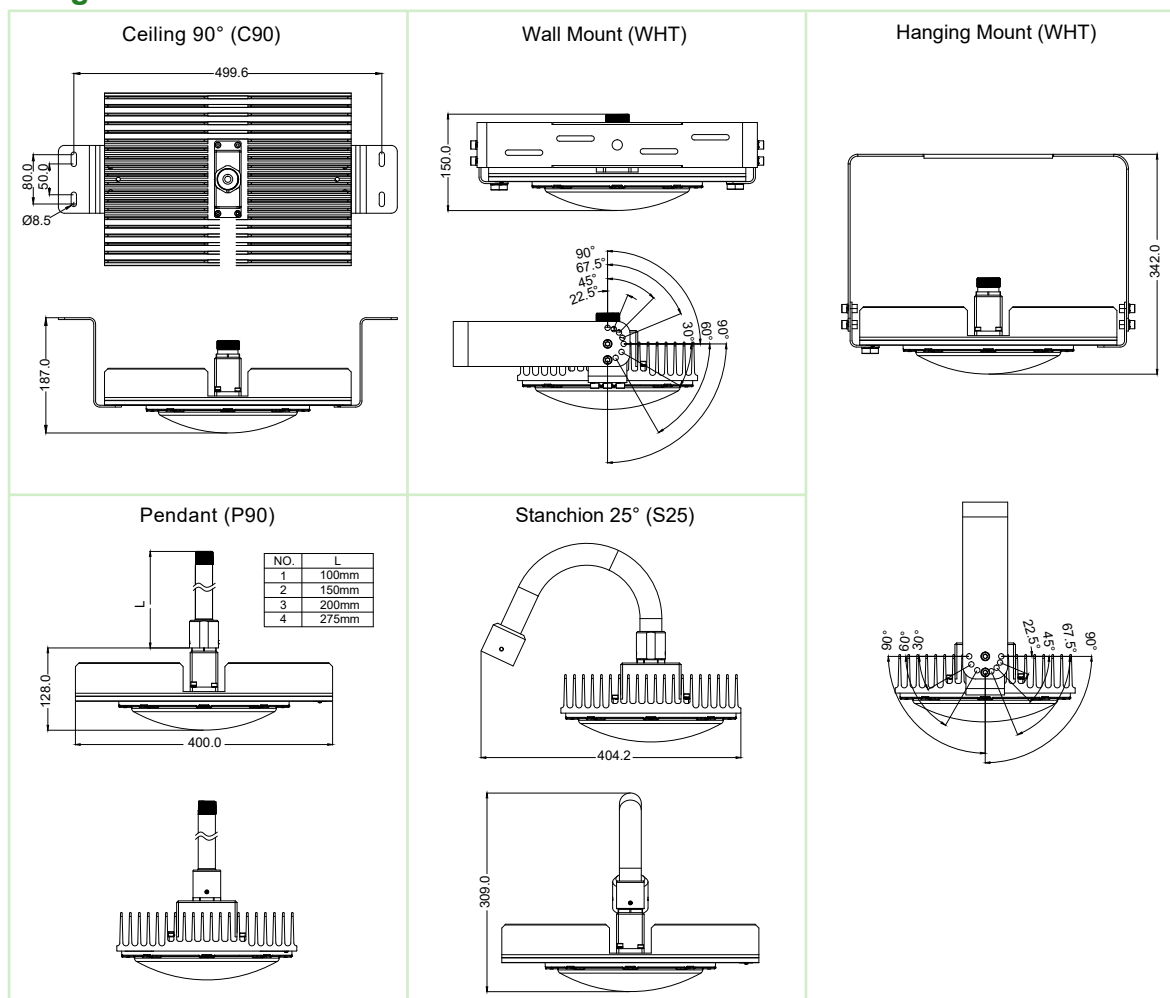
•Dual Tank



Dimension in Millimeters (inches)

Mounting Option & Dimensions (All in mm)

•Single Tank

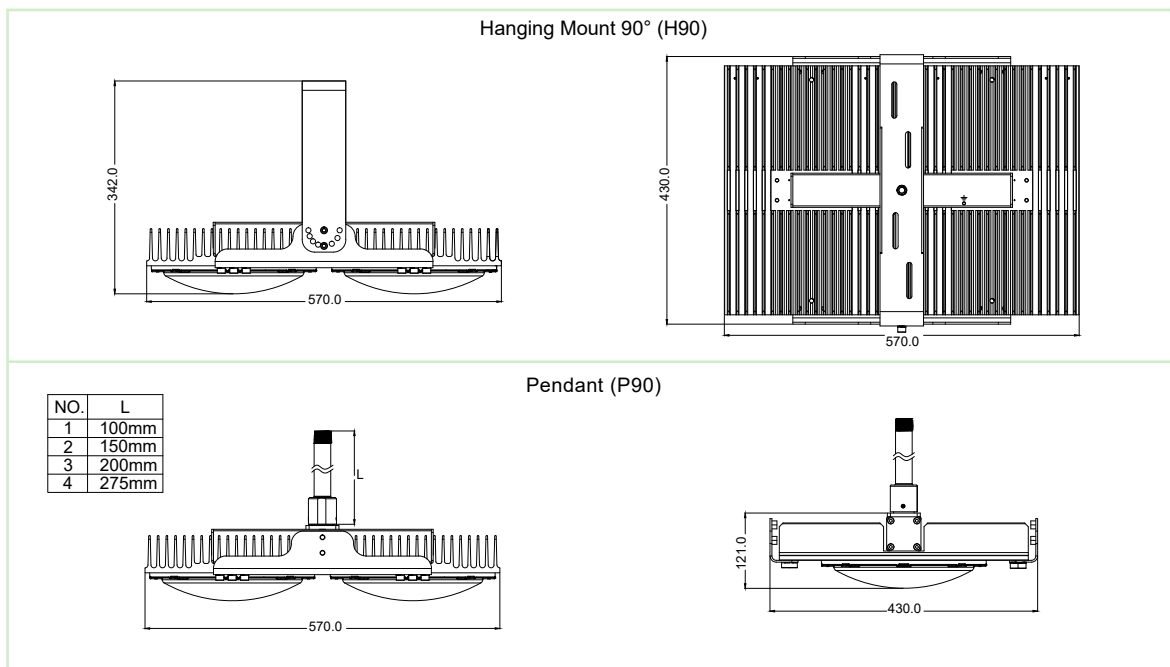


Applicable Area

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

Mounting Option & Dimensions (All in mm)

•Dual Tank



Model Code

THT	H	1915	S	C	K	C	9	P0	P90
			①			②	③	④	⑤

① Quantity of Tank

S=Single Tank
D=Dual Tank

② C.C.T.

C=Cool White
W=Warm White

③ Voltage

1=110V, 6=120V, 2=220V, D=230V
9=277V, F=347V, C=480V

④ Wattage

L0=120W, N0=140W, P0=150W, S0=180W,
U0=200W, W0=220W, 25=250W (Single Tank)
Y0=240W, 28=280W, 30=300W, 36=360W,
40=400W, 44=440W, 50=500W (Dual Tank)

⑤ Mounting Bracket Type

C90=Ceiling 90°
WHT=Wall Mount/Hanging Mount
P90=Pendant
S25=Stanchion 25°

Optional - Special Coating



Clear PC Cover



Diffuser



Features:

- Evenly Distributed Film Thickness
- Acid Pollutants Resistance
- Salt Spray Resistance
- Oxidation Resistance
- Excellent Weatherability