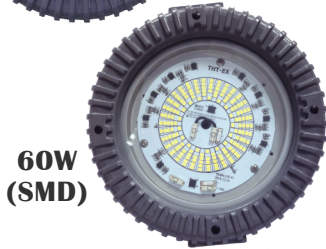


L1105

Universal Explosion-proof LED Lighting



60W (COB)



60W (SMD)



Zone 1	Zone 2	Zone 21	Zone 22	IP67	NEMA 6
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Protection

- Ex d IIB + H₂ T6...T4 Gb
- Ex tb IIIC T108°C Db
- Ⓜ II 2 G Ex d IIB + H₂ T6...T4 Gb
- Ⓜ II 2 D Ex tb IIIC T108°C Db

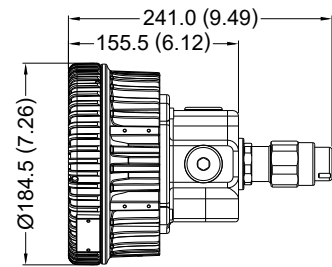
Standards

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

Net Weight: 5.0 kg (11.0 lb)

Technical Data

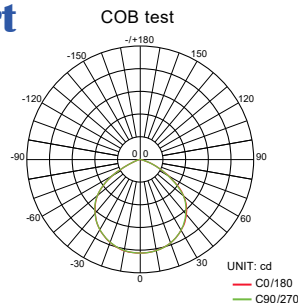
Rated Voltage (±10%)	COB: 110V / 220V AC, SMD: 110V / 220V AC					
Watts (±10%)	COB: 40W / 60W, SMD: 40W / 60W					
Amps	COB: 40W 110V: 0.36A, 220V: 0.18A / 60W 110V: 0.55A, 220V: 0.27A SMD: 40W 110V: 0.36A, 220V: 0.18A / 60W 110V: 0.55A, 220V: 0.27A					
Color of LED Light	3000K (Warm White) / 5000K (Cool White)					
Ambient Temperature	-20°C ~ +40°C, (COB-W.W.: T5, COB-C.W.: T4, SMD: T6)					
Power Factor	cos ≥ 0.9					
CRI	Cool White ≥ 70 / Warm White ≥ 80					
Lumen (±10%)	COB	40W	60W	SMD	40W	60W
	3000K	3800lm	5700lm	3000K	3800lm	5700lm
	5000K	4000lm	6000lm	5000K	4000lm	6000lm
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	4 × G 3/4"					



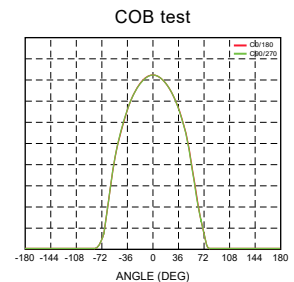
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Model Code

THT	-	2L	A	60W	d	5	2	C	1105	A	C90
		①		②		③	④	⑤			⑥

① Category of Product

2L=COB LED
2K=SMD LED

② Wattage

40W=40W
60W=60W

③ Temperature Class of Product

COB: 4=T4, 5=T5
SMD: 6=T6

④ Voltage

1=110V
2=220V

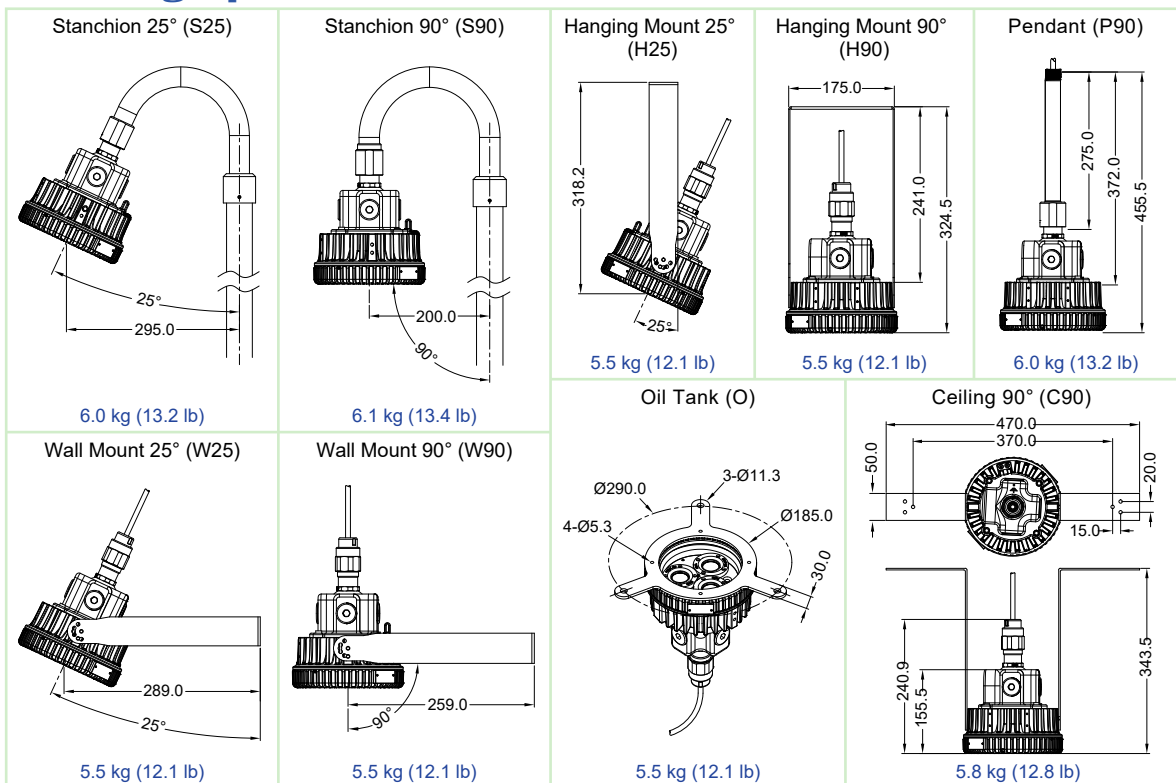
⑤ C.C.T.

C=Cool White
W=Warm White

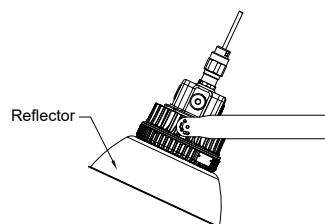
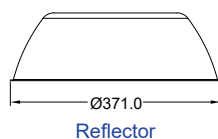
⑥ Mounting Bracket Type

W25/90=Wall Mount 25°/90°
H25/90=Hanging Mount 25°/90°
S25/90=Stanchion 25°/90°
C90=Ceiling mounting 90°
P90=Pendant
O=Oil Tank

Mounting Option & Dimensions (All in mm)



Optional Accessory



Applicable Area

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