

# L1217E

## Universal Explosion-proof LED Lighting



### Protection

- Ex db IIC T5 Gb
- Ex tb IIIC T95°C Db

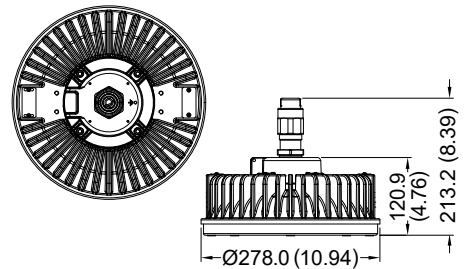
### Standards

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

Net Weight: 10.8 kg (23.8 lb)

## Technical Data

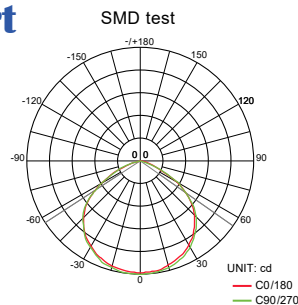
Rated Voltage (±10%)	110V / 220V / 277V AC			
Watts (±10%)	120W / 140W / 150W			
Amps	120W 110V: 1.09A, 220V: 0.55A, 277V: 0.43A / 140W 110V: 1.27A, 220V: 0.64A, 277V: 0.51A / 150W 110V: 1.36A, 220V: 0.68A, 277V: 0.54A			
Color of LED Light	3000K (Warm White) / 5000K (Cool White)			
Ambient Temperature	-20°C ~ +40°C, T5			
Power Factor	cos ≥ 0.9			
CRI	Cool White ≥ 70 / Warm White ≥ 80			
Lumen (±10%)	SMD	120W	140W	150W
	3000K	10800lm	12600lm	13500lm
	5000K	12000lm	14000lm	15000lm
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	1 × M25			



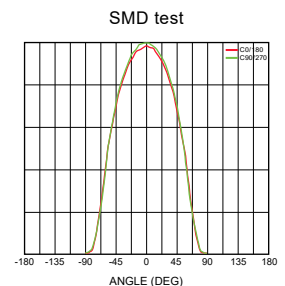
Dimension in Millimeters (inches)

## Optical Report

### Polar Luminous Intensity Distribution



### Luminous Intensity Distribution Diagram



## Model Code

<b>THT</b>	<b>E</b>	<b>1217</b>	<b>E</b>	<b>B</b>	<b>K</b>	<b>C</b>	<b>9</b>	<b>P0</b>	<b>S25</b>
						①	②	③	④

### ① C.C.T.

C=Cool White  
W=Warm White

### ② Voltage

1=110V  
2=220V  
9=277V

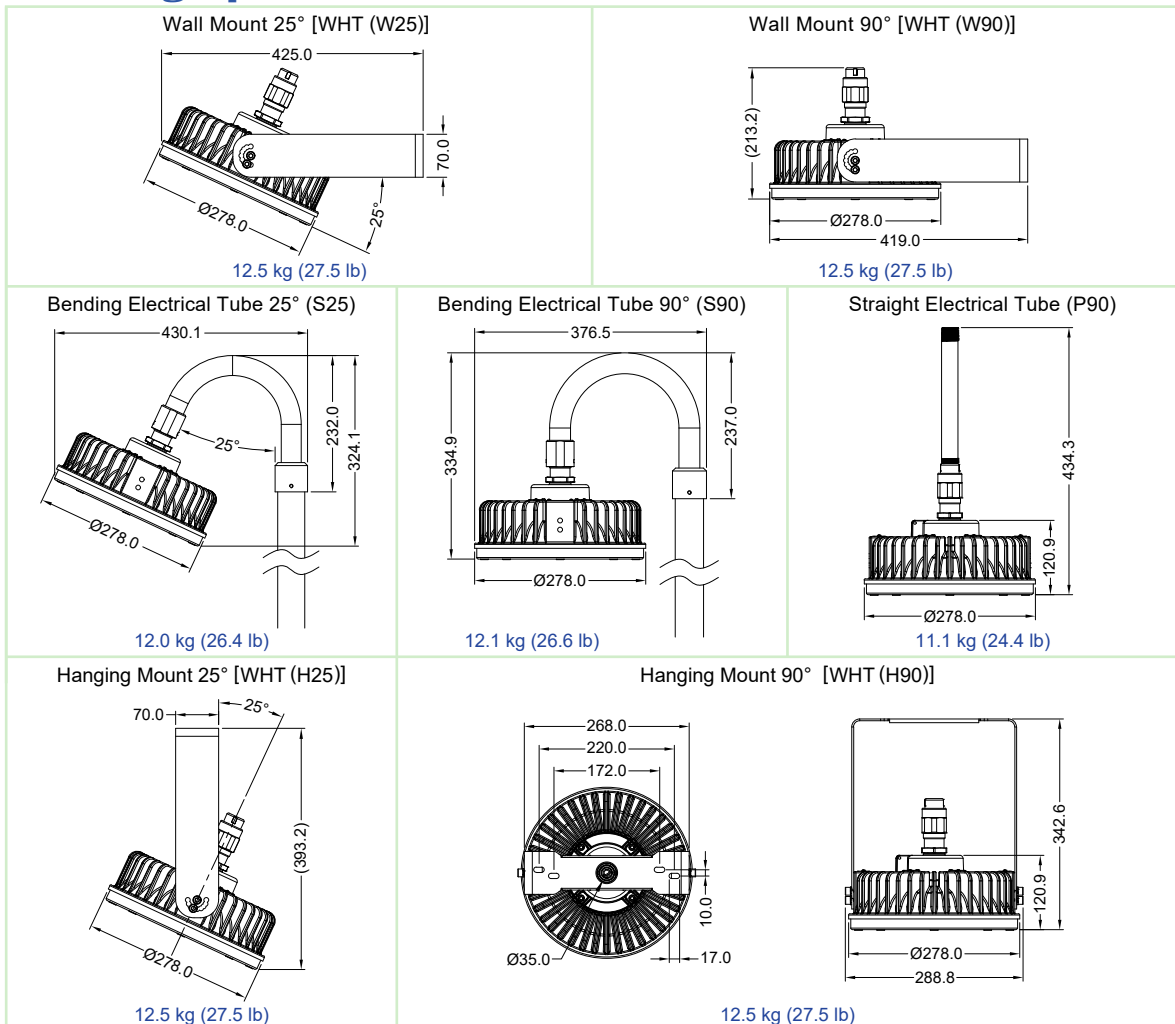
### ③ Wattage

L0=120W  
N0=140W  
P0=150W

### ④ Mounting Bracket Type

S25/90=Bending Electrical Tube 25°/90°  
P90=Straight Electrical Tube  
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)