

L1217

Luminaires For Use In Hazardous Locations



120W



Net Weight: 11.0 kg (24.2 lb)



Protection

- Class I, Division 2
Group A, B, C, D
- Class II, Division 2
Group F, G
- Class III

Standards

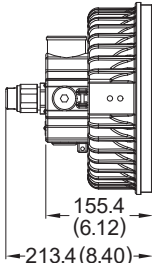
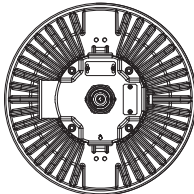
UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-M1981
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

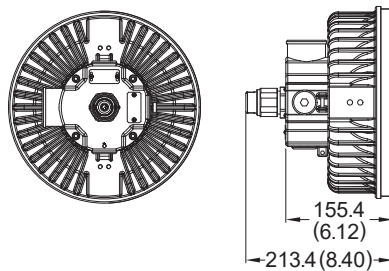
Light Features

- Higher wattage better lumen
- Applicable to high temperature environment
- IP67 rated for wet location

Technical Data

Rated Voltage (±10%)	120V / 277V / 480V AC		
Watts (±10%)	120W / 140W		
Amps	120W 120V: 1.00A, 277V: 0.43A, 480V: 0.25A 140W 120V: 1.17A, 277V: 0.51A, 480V: 0.29A		
Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
Ambient Temperature	CID2: -40°C ~ +40°C, T3C / CIID2: +40°C, T6		
Power Factor	cos≥0.9, cos≥0.87(480V)		
CRI	Cool White≥70 / Warm White≥80		
Lumen (±10%)	COB	120W	140W
	3000K	10800lm	12600lm
	5000K	12000lm	14000lm
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 x M25		

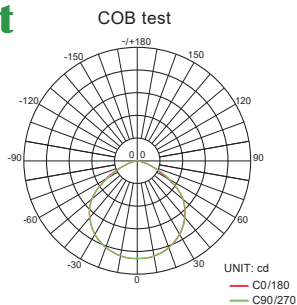




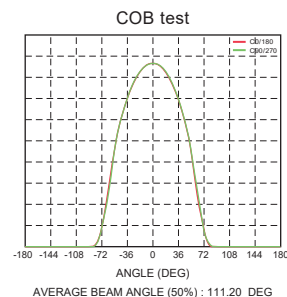
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution



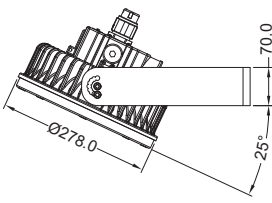
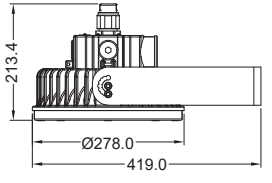
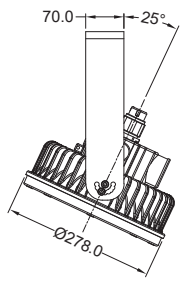
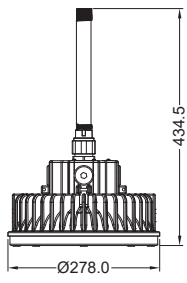
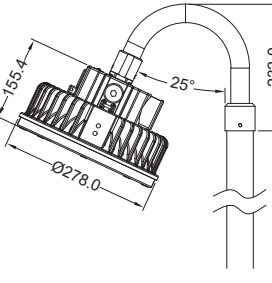
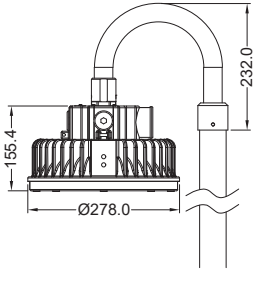
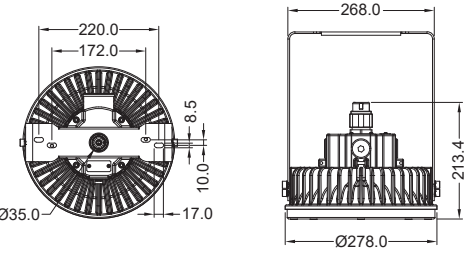
Luminous Intensity Distribution Diagram



Model Code

THT	2L	A	120	Z	5	9	C	1217	P90
Brand, THT=TOP HI-TECH CO., LTD.	Category of product, 2L=LED lightings use COB LED module	Current of LED module, A=AC	Wattage, 120=120W, 140=140W	Hazardous location use, Z= Class I, Div. 2; and Class II, Div. 2	Temperature class of product, 5=T3C (160°C)	Voltage, 6=120V, 9=277V, C=480V	C.C.T., C=Cool White, W=Warm White	Model Name, 1217=Model L1217	Mounting bracket type S25/90=Bending Electrical Tube 25°/90° P90=Straight Electrical Tube WHT(W25/90)=Wall Mount 25°/90° WHT(H25/90)=Pendant Mount 25°/90° PAN=Pan Mounting - C Brand PANA=Pan Mounting - A Brand PANK=Pan Mounting - K Brand

Mounting Option & Dimensions (All in mm)

Wall Mount 25° [WHT (W25)]  12.1 kg (26.7 lb)	Wall Mount 90° [WHT (W90)]  12.1 kg (26.7 lb)	Pendant Mount 25° [WHT (H25)]  12.1 kg (26.7 lb)	Straight Electrical Tube (P90)  11.3 kg (24.9 lb)
Bending Electrical Tube 25° (S25)  12.0 kg (26.5 lb)	Bending Electrical Tube 90° (S90)  12.1 kg (26.7 lb)	Pendant Mount 90° [WHT (H90)]  12.1 kg (26.7 lb)	

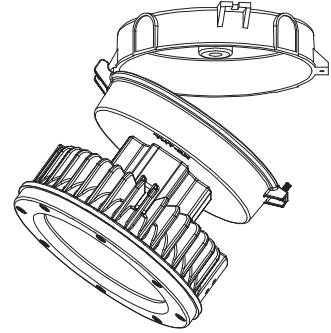
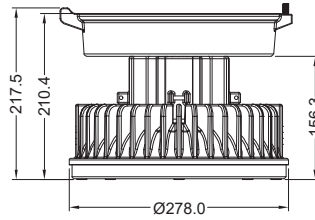
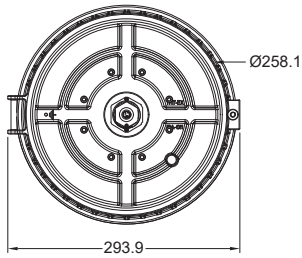
Applicable Area

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

Pan Mounting Option & Dimensions (All in mm)

Retrofit Kit for C Brand

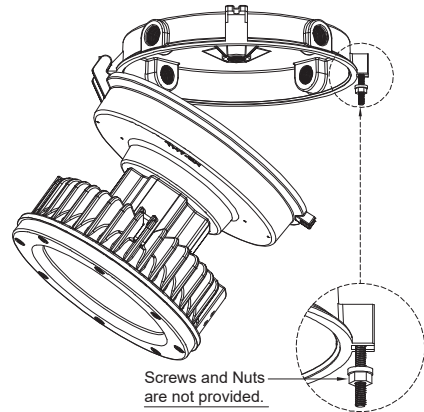
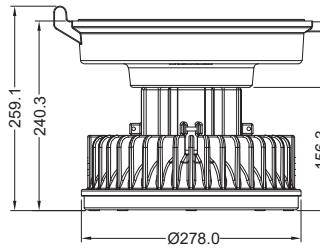
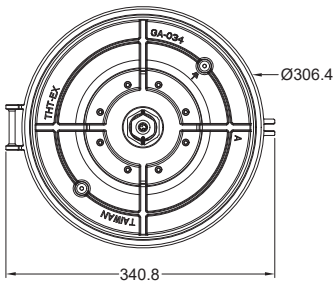
(PAN)



12.0 kg (26.5 lb)

Retrofit Kit for A Brand

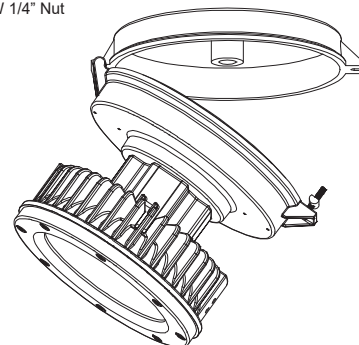
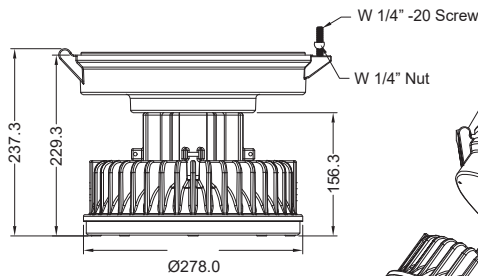
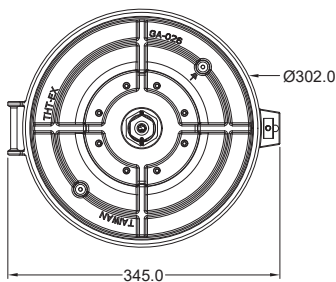
(PANA)



12.3 kg (27.1 lb)

Retrofit Kit for K Brand

(PANK)



12.5 kg (27.6 lb)