



Class 1 Div 1 Round LED Explosion-Proof Fixture

DESCRIPTION

Provide exceptional energy and maintenance savings by existing metal halide fixtures with these round LED hazardous location fixtures.

FEATURES

- Durable, explosion proof design ideal for areas with ignitable and combustible elements that are continuously, intermittently, or periodically present under normal operating conditions
- Impressive 150 LPW ultra-high efficiency delivers superior performance over HID fixtures
- Replaces up to a 400W metal halide explosion-proof fixture
- Completely sealed against water and dust ingress
- Wire guard included, provides additional protection to lens
- 19.7-inch whip (AC whip only)

LISTINGS

- Class 1 Div 1 for Groups B, C, D
- IP66 Rated
- UL Listed for wet locations

PERFORMANCE

- CRI: 80+
- CCT: 5000K
- Beam Angle: 110°
- LED L70 Life Hours: 50,000 hours
- Philips Lumiled LEDs
- Sosen LED driver (PLT-13623 & PLT-13624 only)

ELECTRICAL

- THD: ≤ 20%
- Power Factor: ≥ 0.9
- Input Voltage: 120-277V
- Surge Protection: 4kV, 6kV, or 10kV

THERMAL

- -40°F to 131°F (-40°C to 55°C) operating temperature

INSTALLATION

- Designed for mounting with pre-installed bracket or for pendant mounting to a 3/4 inch NPT threaded pipe; see installation instructions for more information

CONSTRUCTION

- Aluminum alloy housing with grey finish
- Clear, flat glass lens with wire guard

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

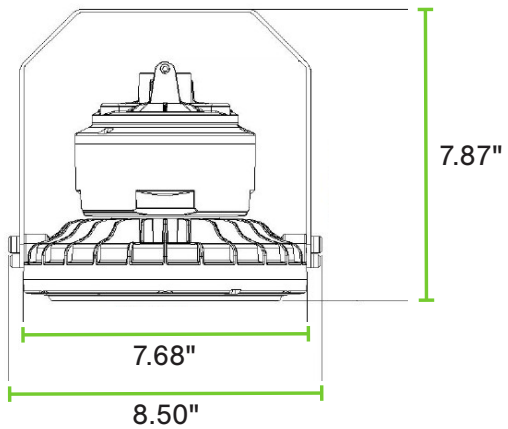
APPLICATIONS

- Warehouses
- Factories
- Workshops
- Petroleum Refineries
- Grain Processing Facilities
- Chemical Manufacturing
- Gas Stations
- Ship Ports

PERFORMANCE SUMMARY

Item #	Watts	Lumens	LPW	CRI	CCT	Lens	Dimming	Voltage	Replaces	Surge Protection	T Rating
PLT-13622	60	8,100	135	>80	5000K	Glass	No	120-277V	MH175	6kV	T5
PLT-13623	100	14,800	148	>80	5000K	Glass	No	120-277V	MH250	4kV	T6
PLT-13624	150	22,500	150	>80	5000K	Glass	No	120-277V	MH400	10kV	T6

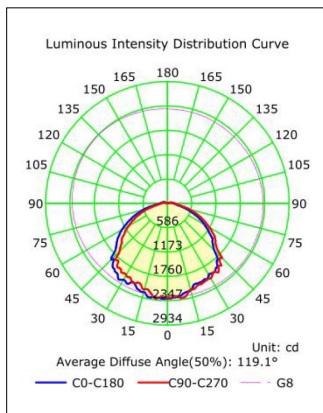
DIMENSIONS



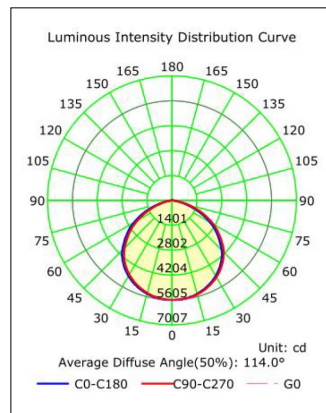
Height: 6.5"
 Height w/ bracket: 7.87"
 Diameter: 7.68"
 Diameter w/ bracket: 8.50"

PHOTOMETRICS

PLT-13622



PLT-13623



PLT-13624

