# Round U-Shaped LED Explosion-Proof Fixture PLT-12641

## DESCRIPTION

Provide exceptional energy and maintenance savings by replacing 100 to 150W metal halide fixtures with this round U-shaped LED hazardous location light.

## FEATURES

- Durable, explosion proof design ideal for areas with ignitable and combustible elements
- U-shaped lens replicates the look of traditional jelly jar fixtures
- Ultra wide 120° beam angle illuminates large space and broad areas
- Completely sealed against water and dust ingress
- Wire guard included, provides additional protection to lens

## LISTINGS

- Class 1 Div 2, Groups A, B, C, D for hazardous locations
- IP66 Rated
- UL Listed for wet locations
- FCC Class A
- T4A T Rating
- BUG: B1-U3-G1
- DesignLights Consortium® 5.1 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

## PERFORMANCE

- CRI: >80
- CCT: 5000K
- LED L70 Life Horus @ 25°C: 74,000 hours
- Beam Angle: 120°
- Philips Lumileds LEDs

## ELECTRICAL

- Power Factor: > 0.9
- Input Voltage: 120-277V
- Surge Protection: 6kV

## THERMAL

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

## INSTALLATION

- Designed for surface mounting with pre-installed bracket or for pendant mounting to a ¾ inch NPT threaded pipe; see installation instructions for more information
- S/MH (C0/C180): 1.43; S/MH (C90/C270): 1.44

## CONSTRUCTION

- Aluminum alloy housing with grey finish
- Clear, u-shaped striped 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

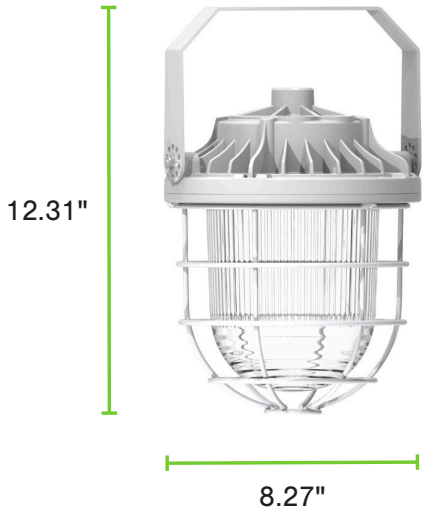
## APPLICATIONS

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

## PERFORMANCE SUMMARY

| Item # | Watts | Lumens | LPW | CRI | CCT | Lens | Dimming | Voltage | Replaces | DLC # | DLC Level |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PLT-12641 | 30 | 3765 | 125 | >80 | 5000K | Striped Glass | No | 120-277V | MH100-150 | PLTSN617391312 | 5.1 Standard |

## DIMENSIONS




**DIMENSIONS:**

Height w/ Bracket: 12.31"

Diameter: 7.67"

Diameter w/ Bracket: 8.27"

Weight: 8.38 lbs

## PHOTOMETRICS