PROlite LED Lighting™

JOB NAME: _____
TYPE: _____
PART #: _____
NOTES: _____

# PPLU Series

## Hazardous Location LED Luminaire

**Product Description:**
The PPLU Series LED Luminaire can be used in locations made hazardous by the presence of flammable vapors, gases or combustible dusts or fibers as defined by NEC, ATEX, IECEX. The PPLU series housing is die-cast aluminum and bolts / brackets are stainless steel. Pendant mount is standard along with U-bracket wall mount. The lens is polycarbonate spherical lens. Emergency battery backup is available.

**Applications:**

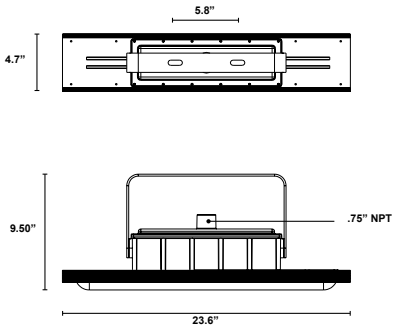
- Power Plants / Heavy Industrials Storage Facility
- Paper Mills / Wastewater Treatment Plants
- Loading Docks / Platforms / Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility
- Mining
- Ocean Marine
- LNG facilities
- Metal Industry
- Food & Alcohol, distilling

**Features:**

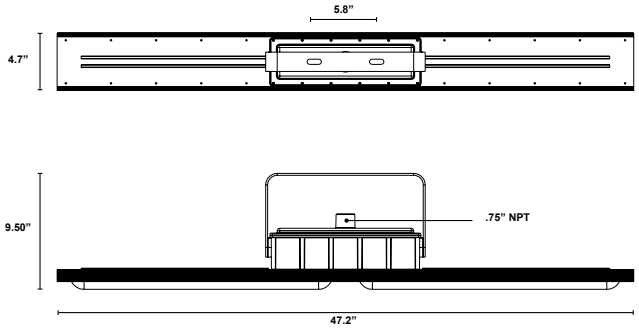
- Replaceable Drive & LED's
- U Bracket Standard (for wall mounting)
- Pendant Mount standard
- Dimmable and non-dimmable options available.
- Emergency battery backup available (adds to height
- Standard 120-277V, Available options: 277-480V, 37VDC
- 2000-11,200 Lumens
- Buy American option (BAA, TAA)
- **Housing:** A383 Die Cast Aluminum
- **Gasketing:** Fluorosilicone Rubber
- **Hardware:** Stainless Steel
- **Finish:** Polyester Powdercoat
- **Lens:** Polycarbonate option flat glass
- **Expected Life:** Over 85,000 hrs.
- **Rating:** IP66 & IK10
- **Color Rendering Index (CRI):** 70
- **Operating Temp:** -40°C – +60°C
- **Relative Humidity:** 10-90% RH
- **Power Factor:** >.95
- **Input Line Voltage:** 90-305 / 200-525 VAC
- **Input Line Frequency:** 50/60 Hz
- **LED Chips:** Philips
- **Driver:** Meanwell
- **Surge Protection:** 10KV
- **DC Output Ripple & Noise:** <200mVP-P
- **T-Rating:** T3

## Product Dimensions

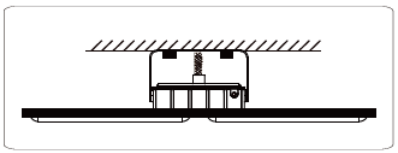
**20W**

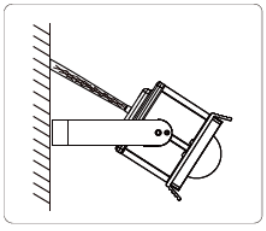


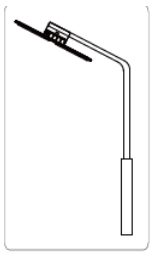

**40W - 50W - 60W**




## Mounting







02.2024



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08/2021

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## Compliance

**UL 844 Hazardous Locations North America**

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

**Marking Atex**

- II3 G Ex ec IIC T5/T6 Gc
- II2 D Ex tb IIIC T80/100°C Db IP66

**Marking ICEX**

- Ex ec IIC T5/T6 Gc
- Ex tb IIIC T80/100° C Db IP66

**Marking Marine**

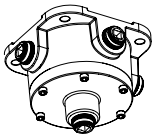
- UL1598, UL1598A
- ABS

**Other Markings / Standards**

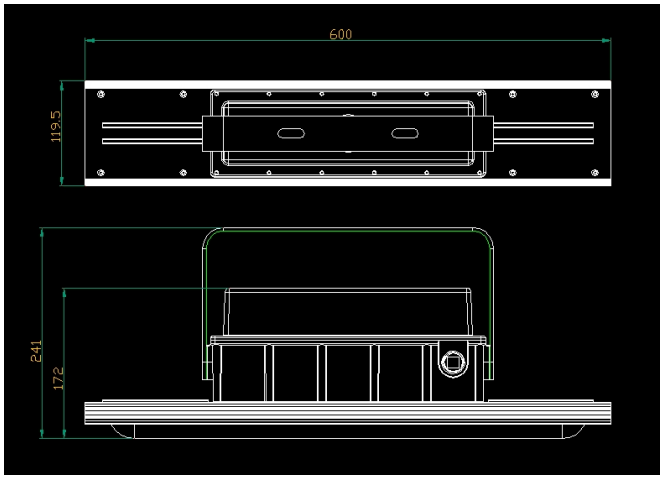
- IP66

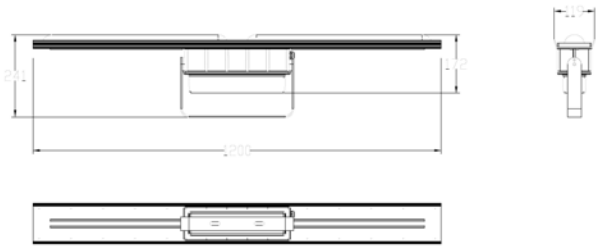
### Mounting Accessories

**OPEB: Junction Box**



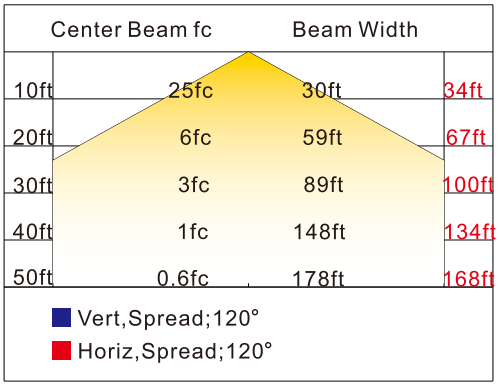
## Dimensions Battery Back up




## Photometric

120D




## Lumen Chart

| | 3500K | 4000K | 5000K |
|---|---|---|---|
| 20W | **2,000 lm** | **2,560 lm** | **2,800 lm** |
| 40W | **4,800 lm** | **5,120 lm** | **5,600 lm** |
| 60W | **7,200 lm** | **7,680 lm** | **8,400 lm** |
| 80W | | | **11,200 lm** |

## Ordering Guide

| PPLU | – | | – | | – | | – | | – | | – | | – | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Series | | Length | | Wattage | | Voltage | | CCT | | Driver | | Warranty | | Options |

**SERIES**
PPLU

**LENGTH**
**2**[1] = 2'
**4** = 4'

**WATTAGE**
**2** = 20W
**4** = 40W
**6** = 60W
**8** = 80W

**VOLTAGE**
**LV** = 100-277V
**HV** = 277-480V

**COLOR TEMP**
**S**[2] = 3000K
**I** = 4000K
**C** = 5000K
**K** = 6000K

**DRIVER**
**D** = Dimmable
**ND** = Non-Dimmable

**WARRANTY**
**5Y** = Five Year
**10Y*** = Ten Year Warranty*

*Please contact factory for 10yr option.

**OPTION**
**S=** Motion Sensor
**EM**[3]**=** 90 Minute Emergency
**OPEB=** Operation Junction Box
**BAA=** Buy American Act Compliant**
**TAA=** Trade Agreements Act Compliant**

Notes

1. 2' Version available in 20W / 40W (40W AVAILABLE IN 2' AND 4' VERSIONS).
2. Contact factory for custom color temperatures (<3000K / >6000K).
3. Contact factory for battery backup dimensions



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