



# Petrolux<sup>®</sup> LED

## Hazardous Location

### Typical Applications

Petroleum Refineries

Ethanol Facilities

Chemical Plants

Wastewater & Water  
Treatment Plants

Power Generation Plants

Food Processing  
(Confectionary)

Paper Mills

Coal & Dust Storage

Grain Elevators

Manufacturing Plants

Foundries

For high-quality lighting and significant cost savings in a hazardous application, look to the Petrolux LED (HPLLED) luminaire. This high-performing LED fixture provides superior horizontal and vertical lighting distribution, so fewer luminaires are needed in the space. Plus, the fixture's rugged construction and highly engineered thermo-electronics bring longevity to components, thus reducing the total cost of ownership.

- + Six lumen packages – from 5,000 to 18,000 – provide one-for-one replacement of 50W to 400W HID
- + Consumes 60% less energy than HID
- + Legendary Holophane borosilicate prismatic glass optics won't fade, discolor or otherwise degrade in harsh environments
- + Designed to protect internal components and optimize performance in environments up to 131°F (55°C)
- + Listings/ratings include: UL844 (see back page for details); UL/C-UL 1598 for wet locations, NEMA 4X, IP66, DesignLights Consortium<sup>®</sup> (DLC) Qualified Product\*



\* Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

# Petrolux<sup>®</sup> LED Hazardous Location

In demanding industrial spaces, it's essential to have high-quality, reliable lighting where maintenance and safety are added concerns.

## Additional Features:

- + Easy, single-screw access to internal components
- + Light is distributed where it's needed to perform critical tasks
- + Reduced glare provides a comfortable viewing plane from below



## Thermal Management

- + Robust housing with heat-dissipating fins takes ambient temperatures up to 131°F (55°C) with no thermal compensation
- + L70 > 100,000 hours at 95°F to 131°F (35°C to 55°C) depending on lumen package



## Optical Design

- + Up to 107 lumens per watt
- + Superior uniformity and glare control
- + Three distributions (low angle, high angle, long and narrow) for versatility
- + Polycarbonate lens option



## Universal Mount

- + Accommodates multiple mounting needs: ceiling, wall, pendant or stanchion
- + Reduces complex fixture schedules
- + Simplifies inventory management

Note: For information on how to order this product, please refer to the specification sheet on [www.holophane.com](http://www.holophane.com).

## UL844 Listings:

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1 & 2, Groups E, F, G
- Class III
- Simultaneous Presence, C1D2 & C2D1