Larson Electronics LLC
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EPL-24-50LED-PND

Explosion Proof Low Profile Linear LED light - 3600 Lumens - Class 1 Div 1 - Pendant Mounted

Product ID: 64319

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-24-50LED-PND Explosion Proof
Dimensions: W-4.83" L-25.56" H-6.15 "
Weight: 17.5 Lbs
Total Watts: 34 watts
Voltage: Universal 120-277VAC 50/60 hz
LED Lamp Life Expectancy: 100,000+ Hours
Lumens: 3,600/ 106 Lumens Per Watt
Ambient Operating Temp Range: -40 C to 65 C
Operating Temp Rating: T4A Rated
Minimum Operating Temp: -40 C
Maximum Case Temp: 65 C
Beam Angle: 150 degrees
Color Temp: 5000K
Mounting: Pendant
Wiring Hub: 1/2" threaded NPT

Ratings
Class 1 Divisions 1&2, Groups C & D
T4A Temp Rating
NRTL Certified to UL 844
NRTL Certified to UL 1598 Marine Type
NRTL Certified to UL 8750
IP66 Rated
NEMA 4X
NRTL Certified to CSA 22.2 No. 137-M81
NRTL Listed for United States & Canada

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in Texas

The Larson Electronics EPL-24-50LED-PND Explosion Proof LED Light Fixture is NRTL Listed for United States and Canada Class 1, Divisions 1 & 2 for areas where flammable chemical/petrochemical vapors exist or have the potential to exist. This explosion proof LED light has a T4A temperature rating and is designed for low profile pendant mounting to make the maximum use of available space.

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The EPL-24-50LED is comprised of solid state design LEDs, making this explosion proof led fixture highly resistant to shock and vibrations and cooler running than comparable incandescent and HID light fixtures. This 34 Watt LED fixture draws less than one amp on a 120 Volt AC power system while producing 3,600 lumens of bright white light, producing efficiency that reduces power consumption and operating costs without compromising light output or quality.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

This explosion proof linear LED fixture contains no ballast box normally associated with fluorescent fixtures, which reduces overall weight and creates a slimmer unit profile. The solid state LEDs have a 100,000+ hour service life, which results in extreme efficiency and greatly reduced maintenance costs. The solid state design of the LED lamps give this fixture superior resistance to damage from vibration, extremes in temperature and a lamp service life over twice that of standard T5 fixtures.
This light is multi-voltage capable and can be operated with 100-277 VAC, 50/60Hz without any need for a special ballast. We offer 347-480V AC 50/60 Hz on special requests. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LED luminaries. The LED lamp produces 3,600 lumens with a color temperature of 5000K and a color rendering index of 75, which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The EPL-24-50LED -PND is pendant mounted with a 1/2" hub for a rigid conduit and ideal for installation in locations where space is at a premium.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 80% lumen output after 60,000 operating hours.
6. Powder coated aluminum fixture body.
7. Low profile - Light weight
8. 3,600 Lumen output from only 34 watts

Superior LED Benefits

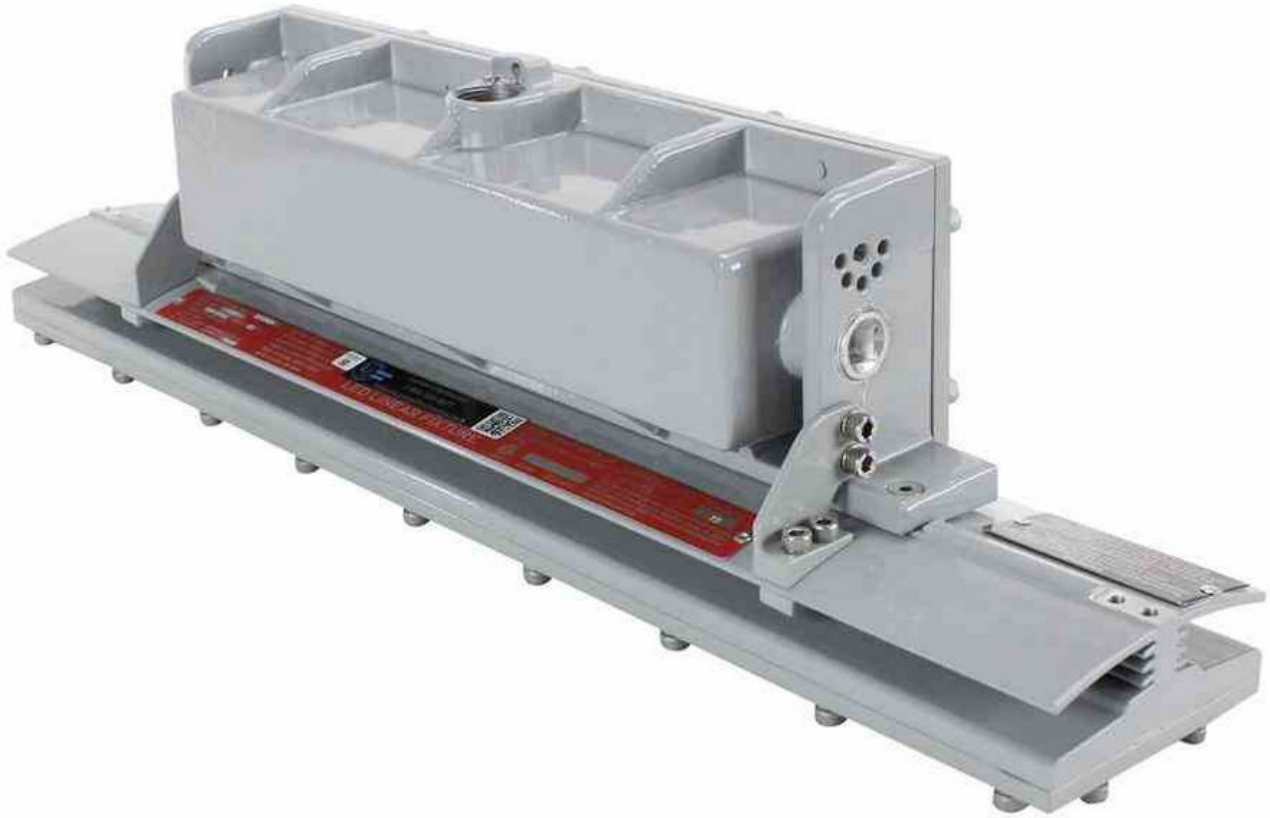
1. 100,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)








- CONDUIT NOT INCLUDED

EPL-24-50LED-PND

Product ID: 64319

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- IES (Photometric File)
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map