

EPLC2-24-50LED-SFC

Explosion Proof Low Profile Linear LED Light - Surface Mounted - 3600 Lumens - Class 2 Div 1

Product ID: 71541

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.

EPLC2-24-50LED-SFC Explosion Proof

UL Listing: United States - Canada

Dimensions: W-4.83" L-25.56" H-6.15 "

Weight: 12 Lbs

Total Watts: 39 watts

Voltage: Universal 120-277VAC 50/60 hz

LED Lamp Life Expectancy: 100,000+ Hours

Lumens: 3,600/ 92 Lumens Per Watt

Ambient Operating Temp Range: -40 C to 65 C

Operating Temp Rating: T5 Rated

Minimum Operating Temp: -40 C

Maximum Case Temp: 65 C

Beam Angle: 150 degrees

Color Temp: 5000K

Mounting: Surface mounted via 2 bracket legs

Wiring Hub: 1/2" threaded NPT

U.L. Ratings

Class 2 Div 1 & 2, Groups E, F, G

T5 Temp Rating

UL 844

UL 1598

UL 1598A Marine Type

UL 8750

IP66 Rated

NEMA 4X

CSA 22.2 No. 137-M81

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPLC2-24-50LED-SFC Explosion Proof LED Light Fixture is U.S./Canada UL Listed Class 2, Divisions 1 & 2 for areas where combustible dusts exist

or have the potential to exist. This explosion proof LED light has a T5 temperature rating and is designed for low profile pendant mounting to make the maximum use of available space.

The EPLC2-24-50LED-SFC 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 39 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.

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 5600K and a color rendering index of 70, which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The EPLC2-24-50LED-SFC is suface mounted via 2 bracket legs is ideal for installation in locations where space is at a premium. We also sell the EPLC2-24-50LED-PND, a pendant version of the same product.

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 39 watts

Superior LED Benefits

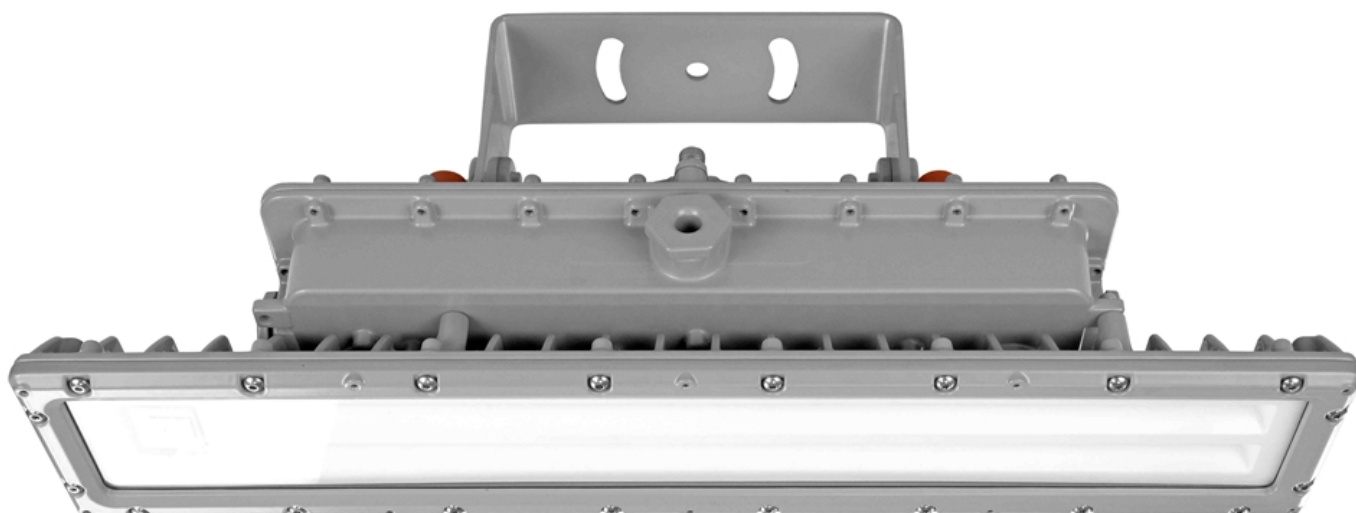
1. 100,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. 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.

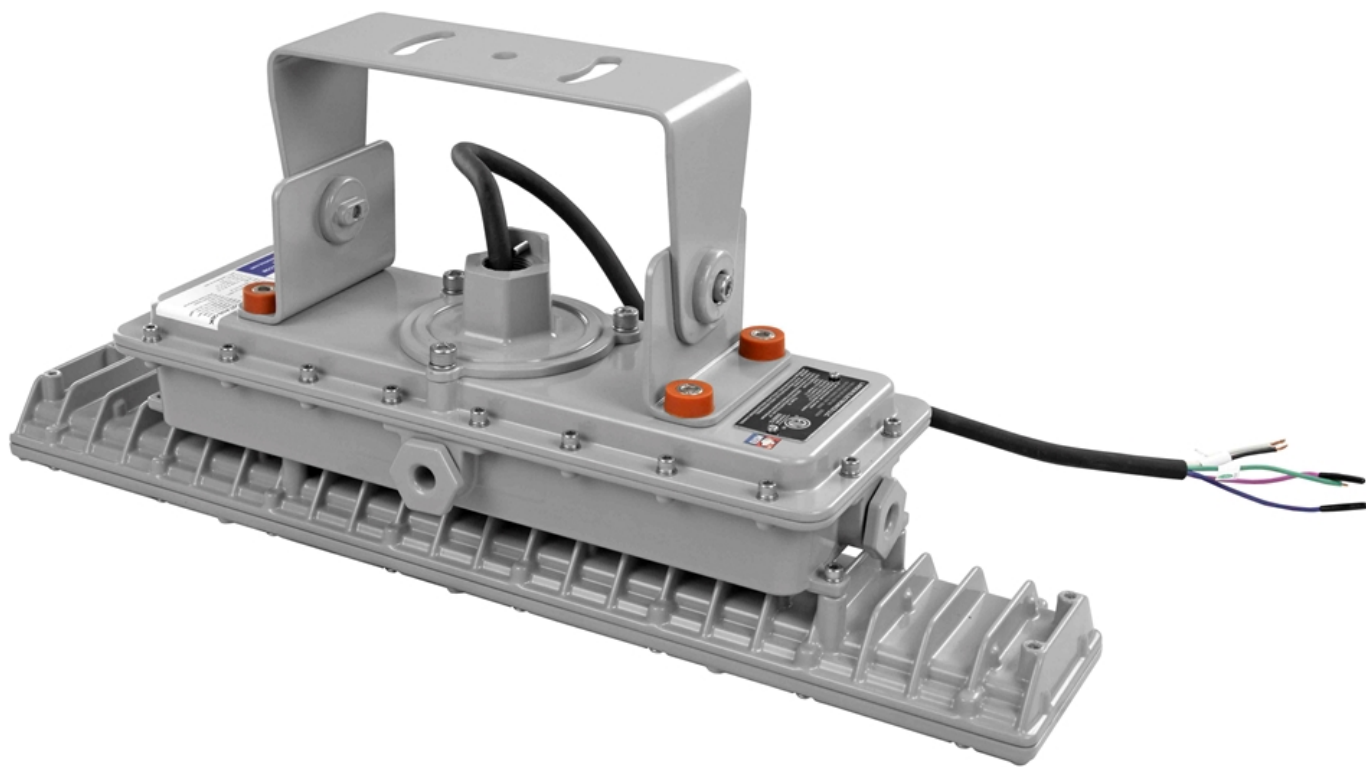
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9419 E US HWY 175, Kemp, TX 75143
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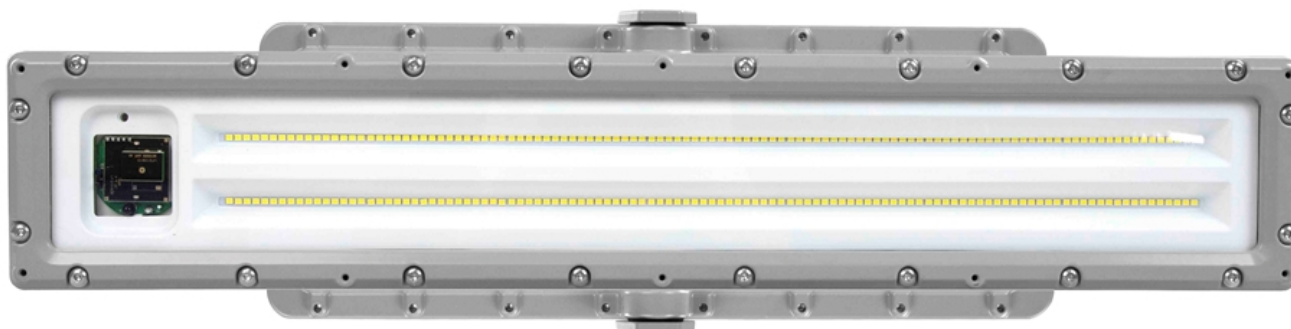


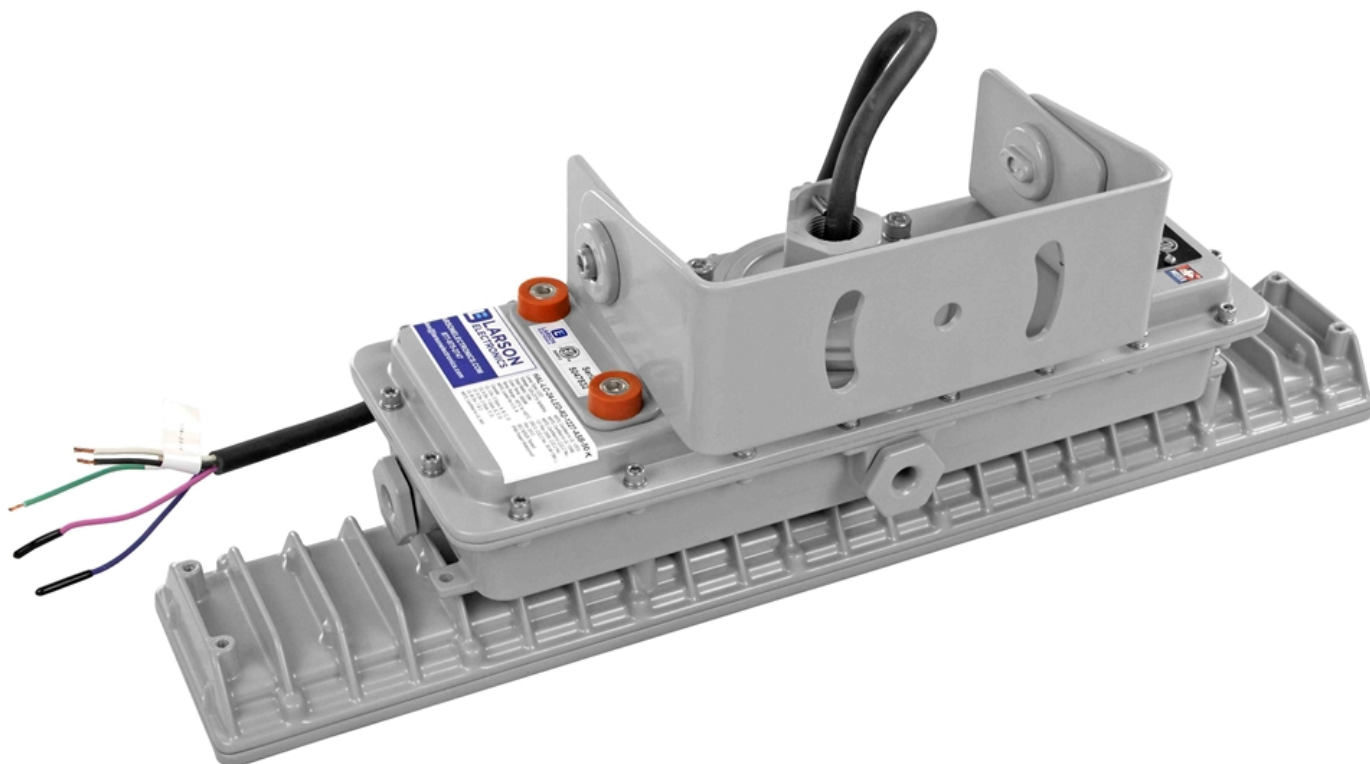
www.LarsonElectronics.com
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Frequently Asked Questions (FAQ)









Warranty: 36 Months.

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [IES \(Photometric File\)](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)