

Explosion Proof, 15 Watt LED Tube Drop Light - Class I, Div. I - 100' SOOW Cord w/ Exp. Proof Plug

Part #: EPL-FL1524-LED-100-EPP

**Made in the USA**

The Larson Electronics EPL-FL1524-LED-100-EPP Hazardous Area LED Work light is F.M. approved Class 1 Division 1 & 2. With a 2 foot long 15 watt LED tube lamp, this hazardous location light provides higher quality light than higher wattage incandescent lights and more light than previous fluorescent lamp equipped models. This light is suitable for exposure to vapors and dusts and ideal for use in paint spray booth inspections or as general portable lighting in confined spaces like fuel tanks or grain storage areas.

This 2 foot long, 15 watt, explosion proof LED work light comes complete with a 100 foot long explosion proof cord and an 1523 explosion proof straight blade plug for long range and convenient operation. This hazardous location area light features a rugged, non-sparking aluminum casing and unique rod cage and produces cool, glare-free, shadowless light that improves safety in hazardous locations and maximizes lighting efficiency with built-in metal reflectors.

These LED lights improve on the desirable qualities of similar fluorescent models with higher output and better light quality and are ideal for paint booth applications, storage container inspections and applications involving confined spaces such as tank cleaning and industrial container maintenance. The high light output, good light color and evenness of coverage makes these lights ideal for a wide variety of close quarter work and inspection activities.



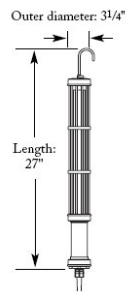
40' Container Dark



Click Photos to Enlarge



Container With EPL-FL1524-LED-100-EPP



The 15-watt LED lamp used in this unit provides as much illumination as higher-wattage incandescent lamps without the associated heat, reducing the chances of accidents or burns. This lamp has no ballast, which reduces lamp weight, an impact resistant tube shield with specially designed annealed glass and an aluminum hook for easy overhead mounting. The 100 foot long Class 1, Division 1 rated SOOW 16/3 AWG cord and explosion proof slip-ring housing help this unit to achieve approval for use in environments containing flammable vapors and combustible dusts. This explosion proof fluorescent hand lamp can be used within hazardous locations rated Class 1 Division 1 and 2, and Class 2 Division 1 and 2, making it ideal for hazardous work areas where a ready source of easily managed lighting is desired.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

These particular units also come standard with an 1523 explosion proof straight blade plug. The plug is Class 1, Division 1 & 2 and Class 2, Division 1 & 2 rated. In order to complete the seal and preserve the plugs' explosion proof approval, the operator must connect the plug to a matching explosion proof outlet receptacle. Although this plug will work with a standard outlet, connecting to a regular 125/250V outlet renders the plugs' explosion proof rating useless and should only be done when connecting the light outside of the explosion proof environment.

Lamp Features

- 2 foot 15 watt LED Tube Lamp 50,000 hour service life
- Non-sparking aluminum housing
- No Ballast
- Molded rubber bumper guards
- Annealed glass tube shields prevent shattering
- Integrated lamp shock absorbers prevent drop damage to bulbs
- Swivel hook for hanging and hands free operation
- Explosion proof cord

Specifications / Additional Information**EPL-FL1524-LED-100-EPP Work Light****Listing:** United States**Dimensions:** 27"-L x 3.25"-Dia**Weight:** 14.5 lbs**Voltage:** 120-277 Volts 50/60 Hz or 11-25 Volts AC/DC**Total Watts:** 15 watts**Lumens:** 1450**Luminous Efficacy :**96.67 lm/w**Lamp Life:** 50,000+ Hours**Lamp Color:** 5,600K**CRI:** >75 White**Power Efficiency:** >95%**Power Factor:** 0.992**Lamp Lengths:** 2 Foot**Amperage:** 0.13 amps @ 120V, 0.07 amps @ 240V, 0.05 amps @ 277V**Material:** Rubber / Copper Free Aluminum**Mounting:** Handheld / Aluminum Hook**Wiring:** 100' 16/3 AWG SOOW Cable**Cord Cap:** 5-15 Straight Blade Plug, 5-20 Straight Blade Plug, 6-20 Straight Blade Plug**F.M. Approval:** [U.S Certificate](#)**Warranty:** Yes - 3 Years

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement. Please click [here](#) to see our 3 Year Warranty pamphlet.

Scroll Down to Purchase-**Part #:** [EPL-FL1524-LED-100-EPP \(48609\)](#)**Ratings/Approvals**

Class 1, Division 1 & 2 for Group D

Class II, Division 1 Groups E, F, G

Class III, Division 1 & 2

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com



Links (Click on the below items to view):

- [SpecSheet French](#)
- [SpecSheet Arabic](#)
- [Dimensional Drawing](#)
- [STEP](#)
- [DXF](#)
- [Hi-Res Image 1](#)
- [Hi-Res Image 2](#)
- [Hi-Res Image 3](#)

