

EPL-FL1524-LED-RG-UG16.3SR-40-CPP516

Explosion Proof LED Aluminum Drop Light - Rubber Guards - 40' 16/3 SOOW w/ Kellum Relief - CPP516

Product ID: 104744

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-FL1524-LED-RG-UG16.3SR-40-CPP516 Work Light

Lamp Type: LED Tube Lamp

Dimensions:L-27" Dia-3.25"

Lamp Lengths: 2 Foot

Weight: 14.5 lbs

Voltage: 120-277V AC or 11-25V AC/DC

Total Watts: 15 watts

Total Lumens: 1,800

Luminous Efficacy: 120 Lm/W

Mounting: Rubber Coated Aluminum Hook + Strap

Wiring: 40' TPC's Ultra-Gard 16/3 SOOW Cable w/ Kellum Strain Relief

Cord Cap: 20A 2P3W CPP516 Explosion Proof Pin and Sleeve Plug

Warranty: Yes - 3 Year

F.M. Approval:[U.S Certificate](#)

F.M. Ratings

Class 1, Division 1 & 2 for Group D

Class II, Division 1 & 2 Groups E, F, G

Class III, Division 1 & 2

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

**The Larson Electronics EPL-FL1524-LED-RG-UG16.3SR-40-CPP516
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 better 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 from Larson Electronics comes complete with a 40' long TPC's Ultra-Gard P#87193 16/3 cable for convenient operation. This hazardous location area light features a rugged, non-sparking aluminum casing and unique rod cage and produces cool, glare-free, shadow-less light that improves safety in hazardous locations and maximizes lighting efficiency with built-in metal reflectors. The 16/3 SOOW cable is installed with a Kellum style strain relief at the base of the seal off. The lamp housing has two 1" thick polyurethane bump guards, one on each end, that help to reduce impact damage in case operators drop this LED task light during operation. The TPC's Ultra-Gard 16/3 cable is terminated in a 20 amp rated CPP516 pin and sleeve cord cap. A rubber coated hook located at the top of the light fixture allowed for easy hanging of this drop light for hands free operation. An additional hanging strap provides an alternative method of temporarily installing this trouble light on the job site.

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



Container With EPL-FL1524-LED

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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.

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 40 foot long Class 1, Division 1, Groups A, B, C, and D rated 16/3 AWG cord from TPC 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.

This unit is universal voltage (not multi-tap) and operates on a range from 120-277 volts 50/60 Hz AC, or low voltage 11-25 volts AC/DC and is equipped with an explosion proof CPP516 pin and sleeve explosion proof cord cap. This 20 amp plug is a 2-pole 3-wire configuration and operates on 125-250V.

Lamp Features

2 foot 15 watt LED Tube Lamp 50,000 hour service life
Non-sparking aluminum housing
No Ballast
Molded rubber bumper guards along lamp housing
1" thick polyurethane bump guards on each end of fixture
Annealed glass tube shields prevent shattering
Integrated lamp shock absorbers prevent drop damage to bulbs
Rubber coated swivel hook for hanging and hands free operation
Optional hanging strap for temporary installation
TPC's Ultra-Gard C1D1 16/3 Cable - Part Number 87193
16/3 SOOW cable w/ Kellum strain relief
20 amp rated CPP516 2P3W pin and sleeve cord cap



Frequently Asked Questions (FAQ)

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Product ID: 104744

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-FL1524-LED-RG-UG16.3SR-40-CPP516-Voltage-Diffusion

Example: EPL-FL1524-LED-RG-UG16.3SR-40-CPP516-120-277-SD

Voltage		Diffusion	
120-277V AC	-120-277	STANDARD	-SD
11-25V AC/DC	-11-25	HEAVY	-HD

Links (Click on the below items to view):

- [SpecSheetArabic](#)
- [SpecSheetFrench](#)
- [HigResPic1](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)