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EPL-FL1524-LED-50-EPP

Explosion Proof, 15 Watt LED Tube Drop Light - Class I, Div. I - 50' SOOW Cord w/ Exp. Proof Plug

Product ID: 48607



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-50-EPP LED Work Light

Lamp Type: LED Tube Lamp
Dimensions: 27"-L x 3.25"-Dia
Lamp Lengths: 2 Foot
Weight: 14.5 lb

Voltage: 120V-277V AC, 50/60 Hz or 11-25V AC/DC
Total Watts: 15 Watts
Total Lumens: 1,800
Luminous Efficacy: 120 Lm/W

Mounting: Aluminum Hook

Wiring: 50' 16/3 AWG SOOW Cord

Cord Cap: 5-15 Straight Blade Plug, 5-20 Straight Blade Plug, or 6-20 Straight Blade Plug

Ratings/Approvals

Class I, Divisions 1 & 2 for Group D
Class II, Divisions 1 & 2 Groups E, F, G
Class III, Divisions 1 & 2

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-250-369-6671
Intl: 1-214-616-6180
E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-FL1524-LED-50-EPP from Larson Electronics is a Hazardous Area LED Work Light that is approved for use in Class I Divisions 1 & 2 hazardous environments. 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 50 foot long explosion proof cord and a choice of explosion proof

straight blade plugs 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.
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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 is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.
LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.



40` Container Dark

Click Photos to Enlarge



Container With EPL-FL1524-LED

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 50 foot long Class I, 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 I Divisions 1 and 2, and Class II Divisions 1 and 2, making it ideal for hazardous work areas where a ready source of easily managed lighting is desired.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

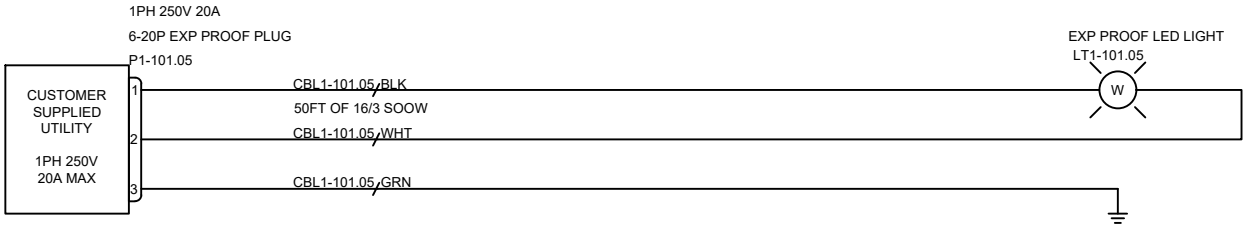
Wiring & Plug: This explosion proof LED work light is equipped with 50 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord

cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120 V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120 V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240 V explosion proof outlets. ****PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.*
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	09-26-2023

EPL-FL1524-LED-50-EPP
-1227-2023.250V

LARSON ELECTRONICS®

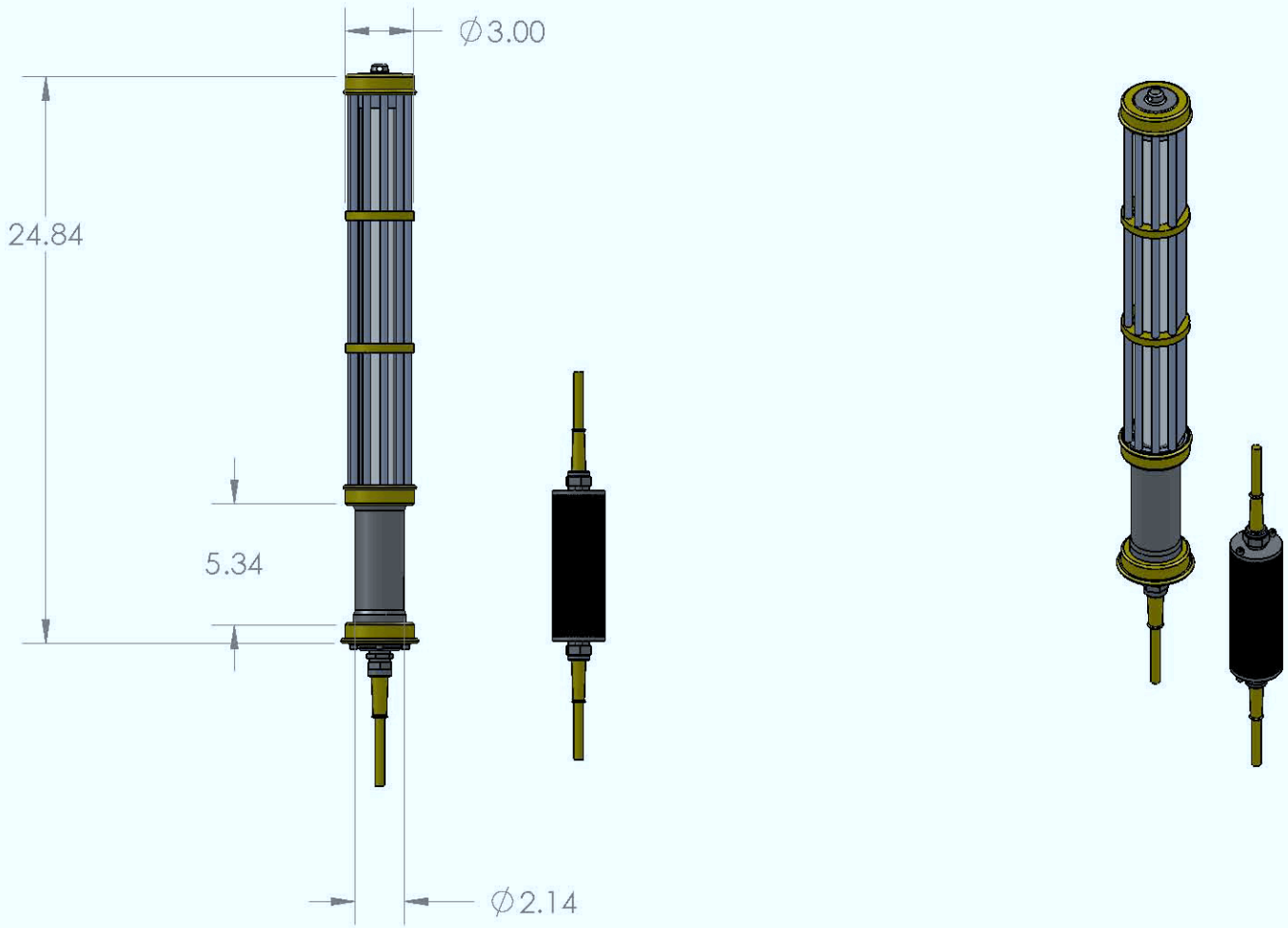


TAGS	QTY	CATALOG	DESCRIPTION
P1-101.05	1	UNV00005391	250VAC 20A EXPLOSION PROOF PLUG
LT1-101.05	1	UNV00015902	1 Foot LED Explosion Proof Tubular Light 120-277V 5000K
CBL1-101.05	50FT	UNV00007524	16/3 SOOW CABLE

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE: EPL-FL1524-LED-50-EPP -1227-2023.250V

DRAWN BY	DATE	REV
J.Maldonado	09-26-2023	A
CHECKED BY	SHEET #	DRAWING #
S.Desai	1 OF 1	101



		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
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			ENG APPR.		
			MFG APPR.		
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		MATERIAL			
NEXT ASSY	USED ON	FINISH			
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TITLE:

EPL-FL1524-LED-1523

SIZE	DWG. NO.	REV
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SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

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Frequently Asked Questions (FAQ)