Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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Email: sales@LarsonElectronics.com
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EPL-FL1524-100

Explosion Proof 15 Watt Fluorescent Aluminum Drop Light - Class I Division 1 - 100' Cord

Product ID: 2021

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



Image: EPL-FL1524-100

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-FL1524-100 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: 700
Luminous Efficacy :46.67 lm/w
Lamp Life: 50,000+ Hours
Lamp Color: 4,100K
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, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail
F.M. Approval: U.S Certificate

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 - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

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Made in Texas

The Larson Electronics EPL-FL1524-100 Hazardous Area Fluorescent Work light is F.M. approved Class I Division1 Groups C and D and Class II Division 1 groups E, F and G. With a 2 foot long 15 watt fluorescent lamp, this hazardous location light provides a very wide flood beam which can be suitable for paint spray booth inspection or general portable lighting in confined spaces like fuel tanks or grain storage areas.

Click here to see the LED version of this light

This 2 foot long 15 watt explosion proof fluorescent work light from Larson Electronics.com comes complete with a 100 foot long explosion proof cord and inline ballast that reduces lamp head weight. This hazardous location area light features a rugged, non-sparking aluminum casing and unique rod cage and produces cool, glare-free, shadowless light that maximizes safety in hazardous locations and maximizes lighting efficiency with built-in metal reflectors. Fluorescent lights are popular in paint prep, painting and post-paint inspection operations, due to the even white color light produced. The light output, color and evenness of coverage make fluorescent lights also popular for a wide variety of close quarter work and inspection activities.



40` Container Dark

Click Photos to Enlarge



Container With EPL-FL1524-100

The 15-watt fluorescent 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 an inline isolated ballast which reduces lamp head weight, an impact resistant tube shield with specially designed annealed glass and an aluminum hook for easy overhead mounting. The light is designed so that the operator can easily replace the lamp or starter if required. The 100 foot long Class I, Division 1 rated SOOW 16/3 AWG cord and explosion proof slip-ring housing meets federal specification JC-580A. This explosion proof fluorescent hand lamp can be used within hazardous locations rated Class1 Division 1 and II making it ideal for hazardous work areas where a ready source of easily managed lighting is desired.

Voltage: The drivers in this unit provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These drop lights can operate on current ranging from 100 to 277V AC without any modifications necessary as a result. We also offer a low voltage 11-25V AC/DC version for low voltage applications. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it.

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5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This Hazardous Area LED Work light is equipped with 100 foot of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

Made in USA Quality

1. Federal Spec JC-580A Cord.
2. Indoor or outdoor use.
3. 35 amp, 1-4 conductors 600 Volt, 5-12 conductors 250 Volt.
4. Rugged fabricated steel and cast aluminum construction.
5. Unique lamp cage with rubber shock bumpers.
6. FM Listed 508 table 36.1 (3 and 4 conductor units with cable only)
7. Conforms to NEMA 9 and NEMA 4 (IP56)
8. SOOW cord.

Lamp Features

2 foot 15 watt fluorescent light
Non-sparking aluminum housing
Inline 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

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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 2021

Warranty: 36 Months.

Harmonized System (HS) Code: 85131000
Export Control Classification Number (ECCN): EAR99

Options:

EPL-FL1524-100-Voltage-Cord Cap
Example: EPL-FL1524-100-1227-5.15

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/2021.PDF)
- **DXF (2D CAD Model)**(https://www.larsonelectronics.com/images/product/DFX/2021.ZIP)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/2021.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/2021.PDF)
- **SpecSheetArabic**(https://www.larsonelectronics.com/images/product/SpecSheetArabic/2021.PDF)
- **SpecSheetFrench**(https://www.larsonelectronics.com/images/product/SpecSheetFrench/2021.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/2021.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/2021.ZIP)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/2021.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/2021.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/2021.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/2021.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/2021.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/2021.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/2021.JPG)
- **Video1**(https://www.youtube.com/watch?v=NtvnnKvG-NI)
- **Video2**(https://www.youtube.com/watch?v=OGbw09xDTqI)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)