Larson Electronics LLC
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EHL-LED-120-UV-100-EPP

10W Explosion Proof UV LED Drop/Inspection Light - 120V AC - UV-A, 365NM - 100' SOOW Cord - EXP Plugs

Product ID: 278620

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.

EHL-LED-120-UV-100-EPP Explosion Proof UV Drop Light

Listing: -NRTL Listed for United States and Canada
Lamp Technology: UVA LED
Dimensions: 16.5"L x 5"
Weight: 9.45 lbs
Voltage: 120V AC
Frequency: 50/60 Hz
Total Watts: 10W
Maximum Lumens: -
Luminous Efficacy: -
Lamp Life: 50,000+ Hours
UV Wavelength: 365 nm
Color Rendering Index: -
Lamp Type: UVA LED
Lamp Base: -
Replacement Lamp: -
Beam Angle: Omni-directional
Amps: 0.083A @ 120V
Ambient Operating Temp Range: -
Housing Material: Non-sparking Aluminum
Mounting: Aluminum Hook

Ratings

Class I, Division 1 & 2, Groups C, D
Class II, Division 1 & 2, Groups F, G
Class I, Zone 1, Group IIB
NRTL Certified to UL 844
NRTL Certified to CSA 22.2 No. 137
Temperature Rating T3B

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

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Wiring: 100` 16/3 SOOW Cord w/ EXP Cord Cap
Cord Cap: EXP 5-15 Straight or EXP 5-20 Straight
YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.

Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EHL-LED-120-UV-100-EPP Explosion Proof UV LED Drop Light/Inspection Light is suitable for work activities, such as inspections, in hazardous locations requiring explosion proof protection. This Class I, Division 1 & 2 Groups C and D unit emits UV-A light, with a wavelength of 365nm. The portable LED luminary consumes 10 watts and operates on 120V AC. When ordering this unit, please select the preferred explosion proof cord cap below.

The EHL-LED-120-UV-100-EPP offers portability and convenience in hazardous locations, when conducting inspections and other detailed tasks. The EHL-LED-120-UV-100-EPP features a 10-watt LED bulb that emits UV-A bands, measuring 365 nm. This powerful luminary operates on 120V AC and produces an omni-directional beam. Operators may mount the unit on poles, scaffoldings, indentions or holes using an attached hook for hands-off use. A handle below the LED light head is also available for holding the light close to objects and spaces. The unit`s housing is constructed of non-sparking aluminum which results in a very lightweight, compact build.

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.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug

Wiring and Plug: This drop light is equipped with 100 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 120V explosion proof outlets or a 5-20 20 amp straight blade plug for use with 120V 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.*

Applications: Applicable hazardous locations, oil and gas facilities, mining, construction sites, chemical processing, grain storage, confined spaces,

inspections, detailed tasks and more.
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.

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Frequently Asked Questions (FAQ)



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EHL-LED-120-UV-100-EPP

Product ID: 278620

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

EHL-LED-120-UV-100-EPP-Cord Cap

Example: EHL-LED-120-UV-100-EPP-1523

Cord Cap	
5-15 STRAIGHT	-1523
5-20 STRAIGHT	-2023-125V

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**