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ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A

11W Explosion Proof LED Hand Lamp - Wire Guard - 12M 12/3 SOOW w/ Cord Cap - ATEX/IECEx - Inline Transformer

Product ID: 266130

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.

ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A Flameproof LED Hand Lamp

Listing: NRTL Listed for International; ATEX/IECEx Rated
Lamp Technology: LED
Dimensions: 17.59"L x 3.36" OD
Weight: -
Voltage: 220 V AC, 50/60 Hz Stepped Down to 24 V AC
Watts: 11W
Lumens: -
Luminous Efficiency: -
Life Expectancy: 50,000+ hours
Light Color: White
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Type: Full
Lighting Configuration: Flood
Efficiency: -
Power Factor: -

Ratings/Approval

Approved for Zone 1 & Zone 2
Approved for Zone 21 and Zone 22
Ex db eb II C T5 Gb
Ex tb IIIC T95 Db (Ta55)
NRTL Certified to IEC 60079
NRTL Certified to EN 60079
100 VA Explosion Proof Inline Step Down Transformer

Protection: Wire Guard
Ambient Operating Temp Range: -40°C to +40°C/+55°C
Housing Material: Alloy Plastic
Mounting: Handheld, Rotating Hook
Wiring: 12M (40') 12/3 SOOW Cord Between Transformer & Light; 2M (6.5') Line in Cord w/ Explosion Proof Cord Cap
Cord Cap: 16A Pin/Sleeve HLP-EX-16A-2P3W

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A Explosion Proof LED Hand Lamp with Explosion Proof Inline Step Down Transformer enables operators in ATEX/IECEx rated environments to closely illuminate hazardous areas effectively. The solid-state, 11-watt LED light is protected by a stainless steel mesh wire guard for added durability. This alloy plastic LED lamp comes with 12 meters of 12/3 SOOW cord with a 16-amp explosion proof pin/sleeve plug. The ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A features a 100 VA explosion proof inline transformer that takes 220 V AC, 50/60 Hz voltage and steps it down to the 24 V AC required to operate the hand lamp.
The ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A is a powerful lighting solution for Zone 1/Zone 2 and Zone 21/Zone 22 rated work sites. This 11-watt LED lamp takes on a slim, cylindrical form factor and is protected by a stainless steel wire guard. A full, 360-degree lighting configuration ensures comprehensive illumination during use. This ATEX/IECEx rated light weight explosion proof light is constructed of alloy plastic. Applications for this light includes: repair lighting in hazardous locations, mobile or temporary illumination, task lighting, inspections and more.
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.
Voltage: The ATEX-EHL-447-LED-WG-12M-220X24.ZL-2M-EPP.CE16A features an inline explosion proof step down transformer with a 100 VA rating that accepts 220 V AC, 50/60 Hz input voltage and decreases it to the 24 V AC required to operate the hand lamp.
Wiring & Plug: This flameproof portable lamp is equipped with a 12-meter (40`) 12/3 SOOW cord between the lamp and transformer and a 2 meter (6.5`) line in cord that is terminated in a 16-amp explosion proof pin/sleeve cord cap (HLP-EX-16A-2P3W).
Mounting: The handheld LED light contains a top-located rotating hook, which allows operators to mount the unit on bars, chains, poles, pipes and small openings.
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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Product ID: 266130

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**
- **Certificate 1, Misc**
- **IEC Ex Certificate (International Explosion Proof)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**