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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EHL-LED-ITG-DW

15W Explosion Proof LED Handlamp - 2,400 Lumens - 120-277V AC - Frosted Lens - 360° - NO Cord

Product ID: 150482

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-ITG-DW Explosion Proof LED Handlamp

Unit Type: Explosion Proof LED Handlamp
Dimensions: L-20.8" Dia-5"
Total Weight: 14.8 lbs
Lamp Weight: 4.5 lbs
Voltage: 120-277V AC

Total Watts: 15

Total Lumens: 2,400
Luminous Efficacy: 160 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 5,000K
Color Rendering Index: 70
Ambient Operating Temperature: -20°C to +50°C
Housing Material: Aluminum Alloy with Nylon Zytel Handle
Mounting: Handheld with Annealed Aluminum Wire Swivel Hook
Lens Material: Tempered Soda Lime Glass; Frosted
Wiring: Operator Provided - Compatible with 16/3 SOOW, 14/3 SOOW, 12/3 SOOW or 10/3 SOOW Cord

Cord Cap: Operator Provided

YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671

Click here to view the Explosion Proof Light Design Description

Ratings/Approvals

Class I, Division 1 & 2 Groups C, D
Class II, Division 1 & 2 Groups F, G
NEMA 4X
T4 Temperature Rating
360° Illumination

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

The Larson Electronics EHL-LED-ITG-DW Explosion Proof LED Handlamp is ideal for general lighting, detailed tasks and inspections in hazardous locations. This 15-watt unit features 2,400 lumens of illumination. A heavy-duty swivel hook at the top of the handlamp offers versatile mounting on poles, indentions and small openings for hands-free operation. A unique angled board design offers 360° of comprehensive lighting.

The EHL-LED-ITG-DW is designed for handheld or hands-free illumination in hazardous locations. This 15-watt unit is compatible with mainstream outlets, operating on 120-277V AC. When in use, the lamp emits 2,400 lumens of white light with a color temperature rating of 5000K and CRI rating of 70. An angled board configuration inside the unit offers 360° illumination for full lighting requirements. This durable LED handlamp is constructed of non-sparking aluminum, minimizing the possibility of ignition. A frosted lens design ensures clarity and prevents blinding when looking directly at the lamp during operation. This hazardous location unit is approved for Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 environments.

Please note that this is for the handlamp only. Operators must provide their own cord and cord cap.

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.

Wiring/Plug: The EHL-LED-ITG-DW does not come equipped with a cord or cord cap. Operators provide their own cord and cord cap. The runner cord grip on this handlamp accepts 16/3 SOOW, 14/3 SOOW, 12/3 SOOW, and 10/3 SOOW cord.

Mounting: Operators may mount the portable LED handlamp on poles, hooks, corners, indentions, chains and other compatible openings using a sturdy annealed aluminum wire swivel hook located at the top of the unit. This hands-free option allows operators to use both hands for demanding tasks, greatly decreasing time spent inside the hazardous location. Alternatively, operators may hold the light up using a handle located at the bottom of the lamp. This handheld option is suitable for inspections and temporary, detailed tasks.

Applications: Inspections, portable lighting, tank cleaning, hazardous locations, detailed tasks, industrial facilities, oil refineries, agricultural sites, grain storage centers, food processing 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)






EHL Series
FOR REPLACEMENT PURPOSES,
USE 16/3 AWG TYPE SOOW
POWER-SUPPLY CORD ONLY

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EHL-LED-ITG-DW

Product ID: 150482

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

Options:

EHL-LED-ITG-DW-Voltage-Diffusion

Example: EHL-LED-ITG-DW-1227-OPQ

Voltage	
120-277V AC	-1227
12-24V DC	-1224

Diffusion	
FROSTED	-OPQ
CLEAR	-CLR

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- SpecSheetSpanish
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map