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EPLC2-HHB-400W-LED

130W Explosion Proof LED High Bay Light - C1D2/C2D1 - Equivalent to 400W Metal Halide - Globe/Guard Design

Product ID: 149173

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.

EPLC2-HHB-400W-LED - C2D1 High Bay LED Light

Listing: United States - Canada
Lamp Technology: LED
Dimensions: 14.26" x 13.67" Base OD (9.35" Guard OD)
Weight: 33 lbs
Voltage: 100-277V AC, 50/60 Hz
Total Watts: 130W
Lumens: 16,177 lms
Luminous Efficacy: 124.44 Lm/W
Lamp Life: 55,000+ Hours
Color Temp: 5000K
Color Rendering Index: 70 CRI
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: Full, 360°
Lighting Configuration: Flood Pattern
Power Efficiency: -
Power Factor: 0.9
Amps: 1.08A @ 120V, 0.54A @ 240V, 0.47A @ 277V
Ambient Operating Temp Range: -40° C to +55°C
Operating Temp Rating: T4

Ratings/Approvals

Class I, Division 2, Groups A,B,C,D
Class I, Zone 2, Groups IIC,IIB,IIA
Class II, Divisions 1 & 2, Groups E,F,G
Class III
NEMA 3, 4X
IP66 Waterproof
Marine Rated
T4 Temperature Rating
Suitable for Wet Locations
Globe/Guard Design

Special Orders - Special Requirements

Housing Material: Copper Free Cast Aluminum
Housing Finish: Powder Coated
Lens Material: -
Mounting: Ceiling, Wall, Pendant, 25° Stanchion or 90° Stanchion
Wiring Hub: 3/4" NPT (1-1/2" for Stanchion)

Contact us for special requirements
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Made in the USA

The Larson Electronics EPLC2-HHB-400W-LED Explosion Proof LED Light is approved for Class I, Division 2 and Class II, Divisions 1 & 2 rated environments. This LED hazardous area light is designed for installation in locations where flammable gases, vapors and liquids, combustible dusts, and/or ignitable fibers and flyings exist or have the potential to exist. Weatherproof and listed for marine use, this explosion proof LED light is an ideal choice for a range of industrial and hazardous applications, as well as takes on a traditional globe/guard fixture design.

******PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE******

The EPLC2-HHB-400W-LED hazardous area light is the perfect upgrade replacement for traditional 400 watt metal halide lamps. Suitable for extreme temperatures, the weatherproof LED light delivers a powerful 16,177 lumens and high chromaticity for excellent color rendering while drawing only 130 watts. Designed with versatility in mind, this explosion proof hazardous area light runs on 100-277V AC, 50/60 Hz. When in use, the LED light offers a full, 360° beam angle for maximum illumination.

The EPLC2-HHB-400W-LED explosion proof hazardous area lamp is housed within a lightweight, high strength copper-free aluminum body. Protecting the LED lamp from direct contact and debris is a transparent globe with a sturdy cage guard. The cylindrical form factor, which take on similar appearances with traditional fixtures, ensures maximum lumen output at work sites. All external hardware consists of stainless steel components. The LED assembly is connected with a solderless board connection for increased resistance to vibration.

A NEMA 4X waterproof rating indicates that the enclosure of this LED light provides a degree of protection against hazardous elements, provides a degree of protection against environmental concerns, such as the ingress of water, provides additional protection against corrosion and that the enclosure will not be damaged by external formation of ice.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied. With LED lighting technology, there is no warm up time or cool down time before re-striking. Rather, LEDs provide instant illumination when powered on, making them more dependable and convenient than halide or incandescent lighting methods.

By nature, LED light sources run significantly cooler than metal halide lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional halide lighting. This internal driver provides the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. This not only reduces the energy dissipation, effectively lowering the operating temperature of the fixture, but also prevents AC over-voltage and short circuit loading making this fixture virtually maintenance free. Because the electronic driver allows the EPLC2-HHB-150W-LED to run at a cooler internal temperature and regulates the electrical current, energy efficiency and LED service hours are maximized while at the same time reducing operating costs and downtime incurred from the frequent servicing intervals required with other hotter running lights. As a result, the Larson Electronics Explosion Proof Light has a rated service life of 50,000 hours.

Hubs: Wiring is through a convenient 3/4" NPT conduit entrance. A simple hinge arrangement makes for faster and easier installation by permitting seamless wiring.

Mount: The Larson Electronics EPLC2-HHB-400W-LED is offered in wall, ceiling, pendant or stanchion mount.

At Larson Electronics, we do more than meet your lighting and power distribution needs. We

also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting or power distribution 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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EPLC2-HHB-400W-LED

Product ID: 149173

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-HHB-400W-LED-Mount

Example: EPLC2-HHB-400W-LED-PND

Mount	
PENDANT	-PND
WALL	-WAL
CEILING	-CLG
25° STANCHION	-25STCH
90° STANCHION	-90STCH

Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **IEC Ex Certificate (International Explosion Proof)**
- **Operations Manual**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**