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EPL-WPLED-100W-RT-25C-EPP

100 Watt Explosion Proof LED Wall Pack Light - Surface Mount - 11,667 Lumens - C1D1 - 25' Cord w/ Explosion Proof Cord Cap

Product ID: 268059

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.

EPL-WPLED-100W-RT-25C-EPP - Explosion Proof LED Wall Pack

Lamp Type: Cree LED
Dimensions: 18"H x 16"W 6"D
Weight: 30 lb
Voltage: 100-277 Volts AC, 50/60Hz or 11-25 Volts AC/DC
Total Watts: 100W
Lumens: 11,667
Luminous Efficacy: 116.67 Lm/W
Lighting Configuration: Flood Pattern
Temp Rating: -50°C to +85°CC
Color Temp: 5000K, 4000K, or 3000K
Color Rendering Index: >75
Lamp Life: 60,000+ Hours
Mounting: Adjustable Wall / Flat Surface Mount
Wiring: 25' 16/3 SOOW Cord w/ Explosion Proof Cord Cap
Cord Cap Options: 5-15P, 5-20P or 6-20P

Ratings/Approvals

Class I Division 1, Groups C and D
Class I Division 2, Groups C and D
Class II, Divisions 1 & 2, Groups E, F and G
Class III, Divisions 1 & 2
T5 Temperature Rating
NRTL Certified to UL844 and C22.2 Standards
Paint Spray Booth Approved
LEL Approved
IP67 Rated Waterproof
Multiple Driver Banks
80% Lumen Retention after 60,000 Hours

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

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The Larson Electronics EPL-WPLED-100W-RT-25C-EPP Explosion Proof LED Wall Pack Light fixture provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. Cree LED technology and compact design makes this lamp an excellent replacement upgrade option for bulky and high maintenance cost older fixtures.
This Class I Divisions 1 & 2, Class II Divisions 1 & 2 explosion proof LED wall pack light fixture provides 11,667 of high quality light while drawing only 100 watts. The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000 hour rated lifespan with 80% lumen retention. Light weight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and requires less hardware to install.



Click Photo to Enlarge



Click Photo to Enlarge

The explosion proof wall pack LED light fixture features multiple LED drivers which helps to increase the operational life of the fixture. With traditional LED lights, in the event an LED array or driver fails, the entire fixture no longer illuminates. This new series of LED lamps contains twelve individual LED boards configured in a series of banks. Each bank contains two LED boards with an individual driver. In the event of a driver failure, only one bank of LEDs will be effected while the other banks will continue to operate. In the event that of an LED failure, the mating LED will continue to operate.
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.
This light is universal voltage capable and can be operated with 100-277V AC, 50/60Hz. We also offer a low voltage version of this LED fixture that operates on AC/DC voltages from 11-25 Volts. This explosion proof LED light fixture is IP67 rated, dust-proof, and protected against high pressure jets and temporary submersion. The cast aluminum body and LED lamp give this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LEDs and electronics.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof wall pack light is equipped with 25 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, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V 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.*
The EPL-WPLED-100W-RT-25C-EPP light produces 11,667 lumens with a color temperature of 5000K, 4000K, or 3000K and a color rendering index of 75 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The EPL-WPLED-100W-RT-25C-EPP offers several mounting options including ceiling mounting, pendant mounting, wall mounting and cable mounting. The standard version of this explosion proof LED fixture includes a trunnion mount wall/flat surface bracket.
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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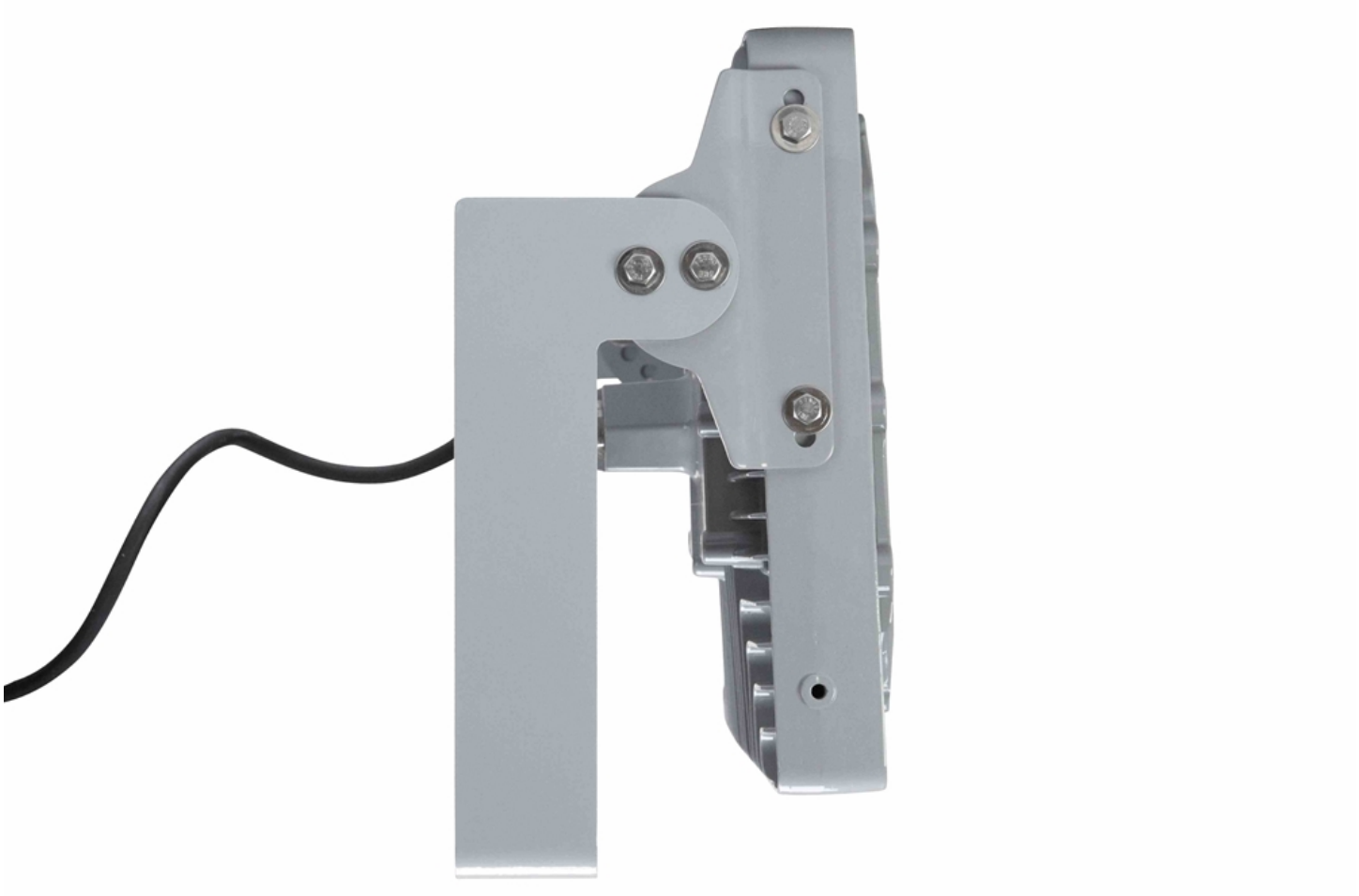
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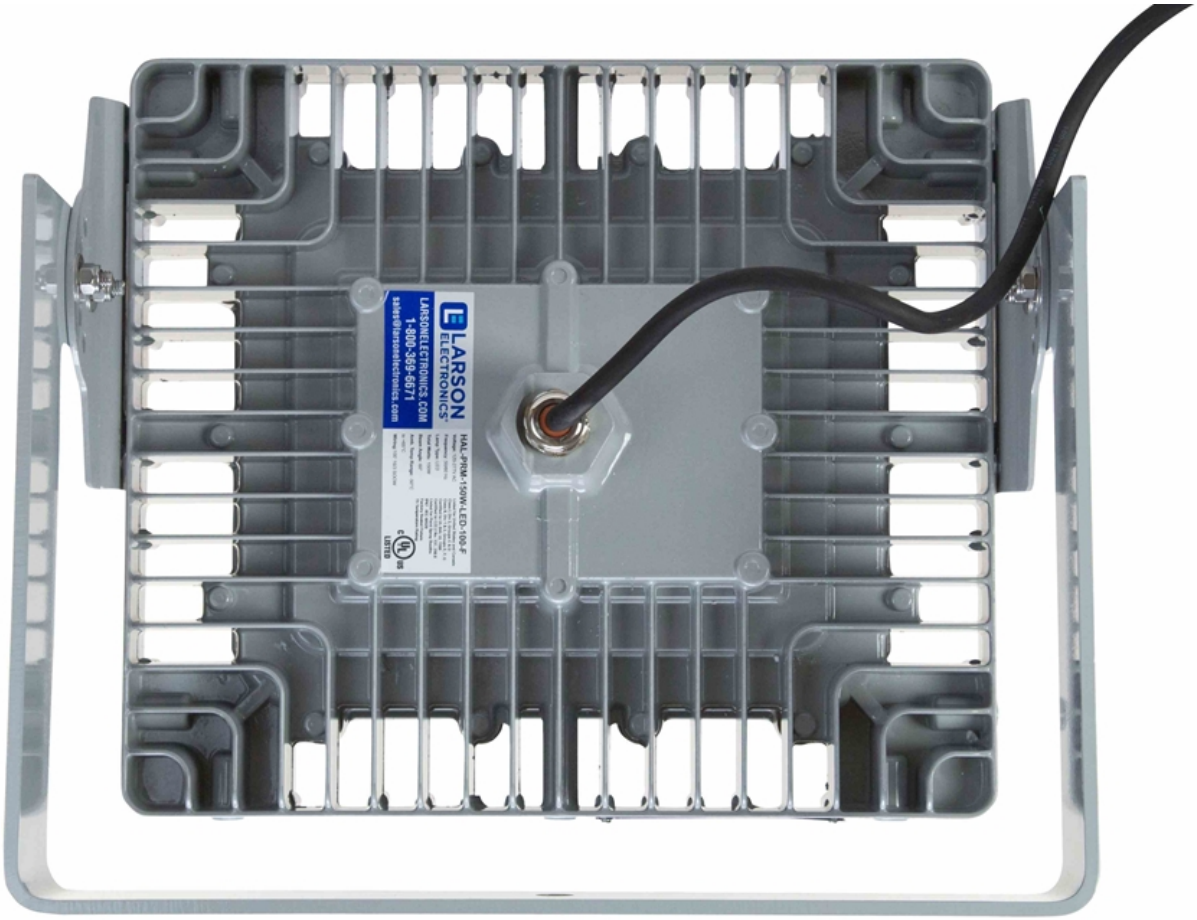
Frequently Asked Questions (FAQ)

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EPL-WPLED-100W-RT-25C-EPP
Product ID: 268059

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

Options:
EPL-WPLED-100W-RT-25C-EPP-Voltage-Cord Cap-Color Temp / Beam Angle
Example: EPL-WPLED-100W-RT-25C-EPP-1227-1523-60B.56K

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

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-15P	-2023-250V

Color Temp / Beam Angle	
60B-5600K	-60B.56K
125B-5600K	-125B.56K
60B-4500K	-60B.45K
125B-4500K	-125B.45K
60B-3000K	-60B.30K
125B-3000K	-125B.30K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**