

EPL-JH16C-2X1MLED-100

300 Watt Explosion Proof LED Light - Adjustable J-Bracket Mount - Dual 150 Watt LED Light Heads

Product ID: 68821

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-JH16C-2X1MLED-100 Explosion Proof Portable LED Light

Listing: United States - Canada

Lamp Type: Cree LED

Light Head Dimensions: 14"H x 16"W x 5"D

Weight: 75 lbs

Voltage: 100-277 Volts AC, 50/60Hz

Total Watts: 150W

Total Lumens: 17,500

Luminous Efficacy: 116.67 Lm/W

Lamp Life: 60,000+ Hours

Color Temp: 5000K, 4500K, 3000K

Color Rendering Index: >75 CRI

Beam Angle: 60° or 125°

Lighting Configuration: Flood Pattern

Power Efficiency: >95%

Power Factor: 0.992

Ambient Operating Temp Range: -50°C to +65°C

Operating Temp Rating: T5

Housing Material: Copper Free Cast Aluminum

Light Head Finish: Epoxy Powder Coated - Grey

Finish: Epoxy Powder Coated - Glossy Blue

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Aluminum Ladder/Rail J-Bracket

Ratings/Approvals

Listed for United States and Canada

Class I, Divisions 1 & 2, Groups C and D

Class II, Divisions 1 & 2, Groups E,F,G

Class III, Divisions 1 & 2

Certified to UL 844 Ed. 13

Certified to UL 1598

Certified to C22.2 No. 137 Rev 2009

Certified to C22.2 No. 250.0

Certified to C22.2 No. 30-M-1986 Rev 2012

T5 Temperature Rating

Paint Spray Booth Approved

IEC 60529 Tested

IP67 Rated Waterproof

LEL Approved

Multiple Driver Banks

80% Lumen Retention after 60,000 Hours

Factory Sealed Light Fixture

3.5kV Surge Protection (NTC Circuit)

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www.LarsonElectronics.com
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Fax: 903.498.3364

Wiring: 100' 16/3 SOOW w/ Explosion Proof Cord Cap

Cord Cap Options: 5-15P, 5-20P, 6-20P

Wiring Hub: 3/4" NPT

LED Driver Specs

Input Voltage: 100-277 Volts AC

Input Current: 1.8A Max

Output Voltage: 54V Max

Output Current: 2.1A

Warranty: Yes - 5 Years* - 10 Year / 100,000 Lumen Available**

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



Frequently Asked Questions (FAQ)

EPL-JH16C-2X1MLED-100

Product ID: 68821

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-JH16C-2X1MLED-100-Cord Cap-Beam Angle-Color Temp

Example: EPL-JH16C-2X1MLED-100-1523-60B-56K

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

Beam Angle	
60°	-60B
125°	-125B

Color Temp	
5600K	-56K
4500K	-45K
3000K	-30K

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 \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)