

EPL-PM-100LED-110X24I-50

100W Portable Explosion Proof LED Work Light - 14000 Lumens - 110V AC Stepped Down to Low Voltage

Product ID: 224064

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-PM-100LED-110X24I-50 Explosion Proof LED Light

Lamp Type: Cree LED

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

Weight: 40 lbs

Voltage: 110-130V AC, stepped down to 24V DC

Total Watts: 100W

Total Lumens: 14,000

Luminous Efficacy: 140 Lm/W

Lamp Life: 60,000+ Hours

Color Temp: 5000K, 4000K, 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: -40°C to +65°C

Operating Temp Rating: T5

Materials: Non-sparking Aluminum Frame, Copper Free Aluminum Light Head

Housing Finish: Epoxy Powder Coated - Grey

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Triangular Shaped A-frame Aluminum Base Stand

Ratings/Approvals

NRTL 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

NRTL Certified to UL 844 Ed. 13

NRTL Certified to UL 1598

NRTL Certified to C22.2 No. 137 Rev 2009

NRTL Certified to C22.2 No. 250.0

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

T5 Temperature Rating

Paint Spray Booth Approved

IP67 Rated Waterproof

LEL Approved

Multiple Driver Banks

80% Lumen Retention after 60,000 Hours

Factory Sealed Light Fixture

Recommended 15" to 40" Mounting Height

IEC 60529 Tested

Inline Transformer Steps Down AC Voltage to 24V DC

Special Orders - Special Requirements

Contact us for special requirements

Larson Electronics LLC
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www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Wiring: 50` 16/3 SOOW w/ Encapsulated Inline Stepdown Transformer and General Area
Cord Cap

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Frequently Asked Questions (FAQ)









EPL-PM-100LED-110X24I-50

Product ID: 224064

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-PM-100LED-110X24I-50-Cord Cap-Beam Angle

Example: EPL-PM-100LED-110X24I-50-5.15-60B

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

Beam Angle	
60°	-60B
125°	-125B

Links (Click on the below items to view):

- [Operations Manual](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [Video4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)