Larson Electronics LLC
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EPL-PM-1X30LED-100

25W Explosion Proof LED Light - 120-277VAC or 11-25V AC/DC - Pedestal Mount - 100' Cord w/ EPP Cap

Product ID: 46961

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-1X30LED-100 Explosion Proof LED Light
Listing: United States - Canada
Lamp Technology: LED
Dimensions: 15.25"-H x 10.5"-W x 9.25"-D
Weight: 25 lb
Voltage: 100-277 Volts AC, 50/60Hz
Total Watts: 50W
Total Lumens: 7,000 lms
Luminous Efficacy: 140 Lm/w
Lamp Life: 60,000+ Hours
Color Temp: 5600K, 4500K, or 3000K
Color Rendering Index: >75 CRI
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 60°, 125°, or 140°
Lighting Configuration: Flood Pattern
Power Efficiency: >95%
Power Factor: 0.99
Amps: 0.42 A @ 120 V, 0.21 A @ 240 V, 0.18 A @ 277 V
Ambient Operating Temp Range: -50°C to +65°C
Operating Temp Rating: T5
Temperature Rise: 11°C (10°F) Over Ambient
Housing Material: Copper Free Cast Aluminum
Housing Finish: Epoxy Powder Coated - Grey
Lens Material: Hardened Borosilicate Glass

Ratings/Approvals
Class I, Divisions 1 & 2, Groups C and D
Class II, Divisions 1 & 2, Groups E, F and 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
IEC 60529 Tested
IP67 Rated Waterproof
LEL Approved
Single LED Driver
80% Lumen Retention after 60,000 Hours
Factory Sealed Light Fixture
Surge Protection
Replacement for 250W Metal Halide Lamps

Special Orders - Special Requirements
Contact us for special requirements

Gasket Material: Silicone
Mounting: Non-Sparking Aluminum Base Stand w/ Carrying Handle
Wiring: 100' SOOW Cord w/ Explosion Proof Cord Cap & Explosion Proof Inline Switch
Cord Cap Options: 5-15P, 5-20P, or 6-20P

Toll Free: 1-800-369-6671
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Frequently Asked Questions (FAQ)





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EPL-PM-1X30LED-100

Product ID: 46961

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

Options:

EPL-PM-1X30LED-100-Voltage-Cord Cap-Beam Config

Example: EPL-PM-1X30LED-100-1227-1523-SP

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

Cord Cap	
5-15P	-1523
5-20P	-2023.125V
6-20P	-2023.250V

Beam Config	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- Dimensional Drawing 2D
- DXF (2D CAD Model)
- Operations Manual
- SpecSheetArabic
- SpecSheetFrench
- STEP File (3D CAD Model)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map