Larson Electronics LLC
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EPL-MB-150LED-140DB-X24I-100

150 Watt Explosion Proof LED Light - Magnetic Mount-Aluminum Base-140°- 120-277V Stepped Down to 24V

Product ID: 106005

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-MB-150LED-140DB-X24I-100 Magnetic Mount Explosion Proof Light

Listing: United States & Canada
Lamp Type: Cree LED
Dimensions: 18"-W x 28.58"-H x 16.34"-D
Weight: 45 Lbs
Voltage: 120-277V AC 50/60Hz
Total Watts: 150 watts
Total Lumens: 17,500
Luminous Efficacy: 116.67 Lm/W
Color Temp: 5000K, 4000K, 3000K
Color Rendering Index: >75 CRI
Beam Angle: 140°
Lighting Configuration: Flood Pattern
Power Efficiency: >95%
Power Factor: 0.992
Ambient Operating Temp Range:-50° C to +65°C
Operating Temp Rating: T5
Lamp Housing Material: Copper Free Cast Aluminum
Lamp Housing Finish: Epoxy Powder Coated - Grey
Lens Material: Hardened Borosilicate Glass
Gasket Material: Silicone
Base Stand & Shelf Material: Non-Sparking Aluminum
Base Stand & Shelf Finish: Power Coated - Gloss Blue
Mounting: Aluminum Base Stand w/ Magnetic Mount Shelf

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
T5 Temperature Rating
IEC 60529 Tested
IP67 Rated Waterproof
LEL Approved
Multiple Driver Banks
80% Lumen Retention after 60,000 Hours
Factory Sealed Light Fixture
Class 1 Div 1 Explosion Proof Plug
100 Foot Cord
Portable Aluminum Base Stand Mount
Magnetic Mount Shelf for Base Stand
Use as Portable or Magnetic Mount Light
Direct Replacement for 400W MH Work Lights

Special Orders - Special Requirements

Magnetic Force: 1200lb Grip (200lb Gripping Force per Magnet)

Wiring: 100` 12/3 SOOW, inline transformer, 5` 16/3 SOOW Industrial Cord Cap

Cord Caps: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

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Frequently Asked Questions (FAQ)









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EPL-MB-150LED-140DB-X24I-100

Product ID: 106005

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-MB-150LED-140DB-X24I-100-Cord Cap

Example: EPL-MB-150LED-140DB-X24I-100-5.15

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
5-20 STRAIGHT	-5.20
6-20 STRAIGHT	-6.20
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
L5-20 TWIST	-L5.20
L6-20 TWIST	-L6.20
UK BS1363	-BS1363
INTL SCHUKO	-SCHUKO
PIGTAIL	-PIGTAIL

Links (Click on the below items to view):

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