Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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Email: sales@LarsonElectronics.com
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EPLCD-48-1X100RT-100

100W C1D1 Explosion Proof LED Light on Dolly Cart - 11667 Lumens - 100' SOOW Cord w/ EPP Cord Cap

Product ID: 146953

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.

EPLCD-48-1X100RT-100 - C1D1 Dolly Cart LED Light

Listing: United States - Canada
Lamp Type: Cree LED
Dimensions: Light Head: 14"H x 16"W x 5"D Cart: 22.472"W x 57.625"H x 22.402"D
Weight: 50 lbs
Voltage: 100-277 Volts AC, 50/60Hz or 11-25 Volts AC/DC
Total Watts: 100W
Total Lumens: 11,667
Luminous Efficacy: 116.67 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: -50°C to +65°C
Operating Temp Rating: T5
Housing Material: Copper Free Cast Aluminum
Housing Finish: Epoxy Powder Coated - Grey
Lens Material: Hardened Borosilicate Glass
Gasket Material: Silicone
Mounting: Portable Dolly Cart w/ Wheels
Wiring: 100` 16/3 SOOW w/ Explosion Proof Cord Cap

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)
Aluminum Dolly Cart w/ 2 Rubber Wheels

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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

Wiring Hub: 3/4" NPT

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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Frequently Asked Questions (FAQ)

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EPLCD-48-1X100RT-100

Product ID: 146953

Export Control Classification Number (ECCN): EAR99

Options:

EPLCD-48-1X100RT-100-Voltage-Cord Cap-Beam Config

Example: EPLCD-48-1X100RT-100-1227-1523-60B

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	
60°	-60B
125°	-125B

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**