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EPL-QC-16C-2X50LED-RT-X24V-C1D1-12.3-100-EPP

100W EXP LED Light - 14,000 Lm - Cart Mount - Quick Change Mount - C1D1 - 100' 12/3 SOOW - Inline

Product ID: 153455

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-QC-16C-2X50LED-RT-X24V-C1D1-12.3-100-EPP

Lamp Technology: LED
Dimensions: 58.56"L x 27.80"W x 23.74"H
Weight: 62 lbs
Voltage: 120-277V AC 50/60Hz Stepped Down to 24V DC
Total Watts: 100 Watts
Lamp Watts: 50 Watts
Total Lumens: 14,000
Lamp Lumens:7,000
Luminous Efficacy: 140 Lm/W
Beam Lux: 8500 @ 1 Meter, 1400 @ 3 Meters
Lamp Life Expectancy: 60,000+ hrs
Color Temperature: 5000K, 4500K, or 3000K
Light Color: Cool White, Neutral White, or Warm White
Color Rendering Index: >75 CRI
Beam Angle: 60°, 125° or 140°
Lighting Configuration: Flood
Power Efficiency: >95%
Power Factor: 0.992
Ambient Operating Temp Range: -50°C to +65°C
Operating Temp Rating: T5
Ingress Protection Rating: IP67
Housing Material: Copper Free Cast Aluminum
Housing Finish: Epoxy Powder Coated - Grey

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 and 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
Multiple Driver Banks
80% Lumen Retention after 60,000 Hours
Factory Sealed Light Fixture
3.5kV Surge Protection (NTC Circuit)
Quick Change Mounting System

Lens Material: Hardened Borosilicate Glass
Gasket Material: Silicone
Mount Material: Non-Sparking Aluminum
Mount Finish: Powder Coated - Gloss Blue
Mounting: Portable Wheelbarrow Cart Mount w/ Quick Change Disconnect Mount
Wiring Hub: 3/4" NPT
Wiring: 100` 12/3 SOOW Cord Terminated w/ Explosion Proof Cord Cap
Cord Cap Options: 5-15P, 5-20P or 6-20P

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Frequently Asked Questions (FAQ)

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EPL-QC-16C-2X50LED-RT-X24V-C1D1-12.3-100-EPP

Product ID: 153455

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-QC-16C-2X50LED-RT-X24V-C1D1-12.3-100-EPP-Cord Cap-Beam Angle-Color Temp

Example: EPL-QC-16C-2X50LED-RT-X24V-C1D1-12.3-100-EPP-5.15P-60DB-50K

Cord Cap	
5-15P	-5.15P
5-20P	-5.20P
6-20P	-6.20P

Beam Angle	
60°	-60DB
125°	-125DB
140°	-140DB

Color Temp	
5000K	-50K
4500K	-45K
3000K	-30K

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**