

EPLC2-LED-100W-RT-JB5-50C

100W Explosion Proof LED Flood Light Fixture - C1D2, C2D1/C2D2 - Serviceable Junction Box
Product ID: 153792

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.

EPLC2-LED-100W-RT-JB5-50C - Explosion Proof High Bay LED Light

Listing: United States - Canada
Lamp Type: LED
Dimensions: 7.04" L x 7.04" H x 5.72" D (Lamp Head Only)
Weight: 7 lbs (Lamp Head Only)
Voltage: 100-277 Volts AC, 50/60Hz or 11-25 Volts AC/DC
Total Watts: 100W
Total Lumens: 8,666 (4,333 each lamp)
Luminous Efficacy: 86.67 Lm/W
Lamp Life: 60,000+ Hours
Color Temp: 5600K, 4500K, 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: Adjustable Trunnion Mount
Wiring: 50' 16/3 SOOW w/ Explosion Proof Cord Cap
Wiring Hubs: Serviceable Junction Box with (4) 3/4" NPT hubs
LED Driver Specs

Ratings/Approvals

Listed for United States and Canada
Class I, Division 2, Groups C,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
Single LED Driver
80% Lumen Retention after 60,000 Hours
Factory Sealed Light Fixture
Recommended 15' to 40' Mounting Height

Special Orders - Special Requirements

Contact us for special requirements

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



www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Input Voltage: 100-277V AC

Input Current: 1.8A Max

Output Voltage: 54V Max

Output Current: 2.1A

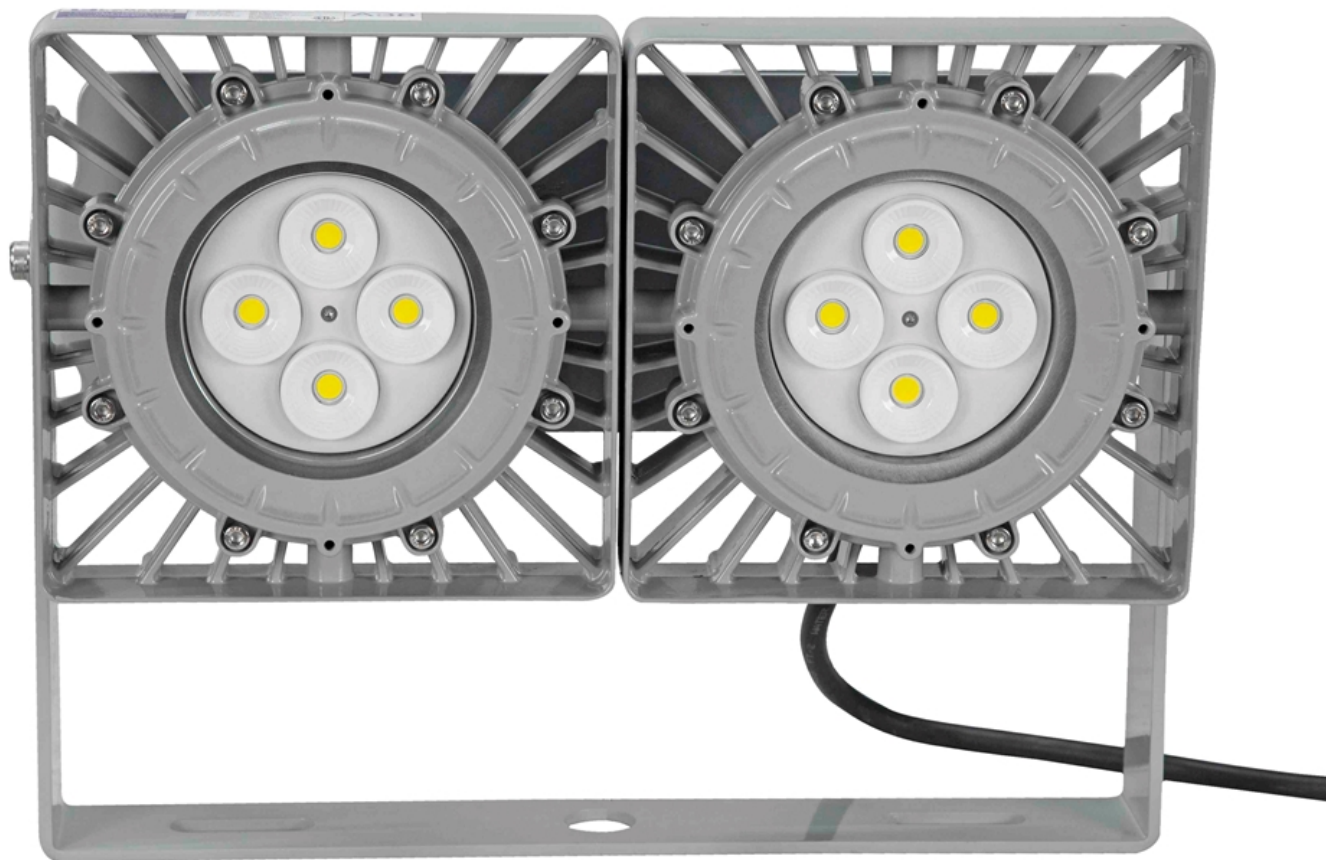
Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

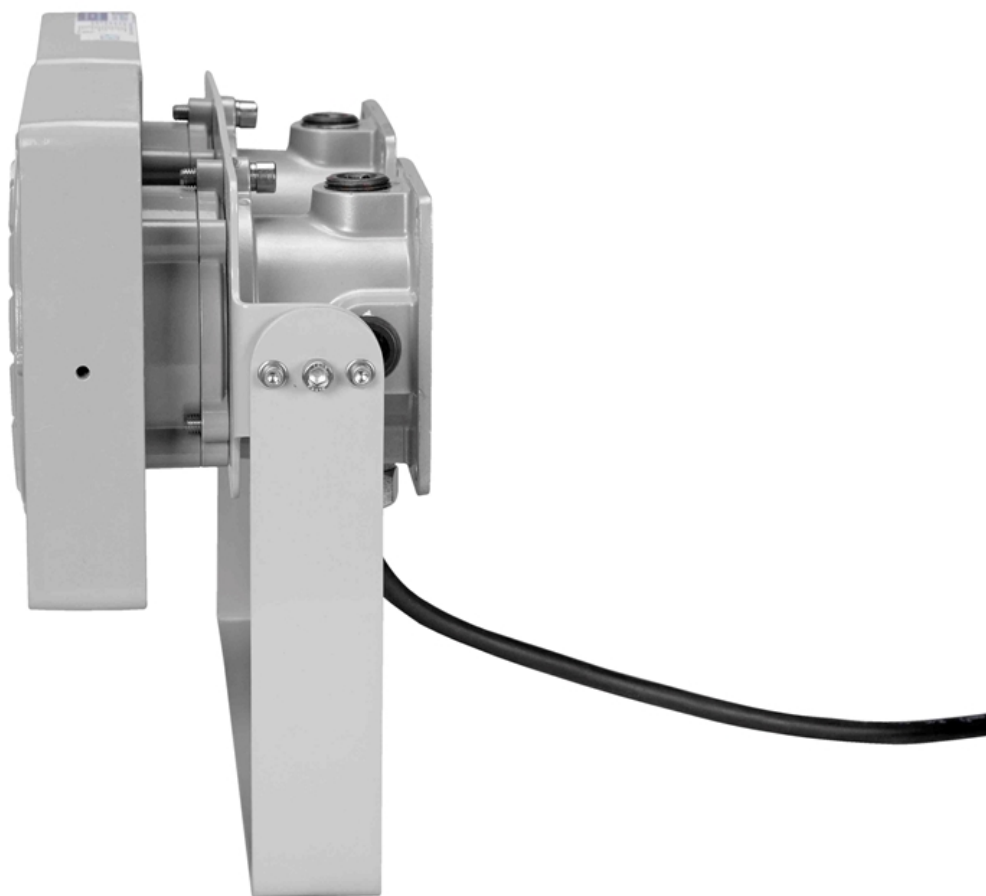
Fax: 1-903-498-3364

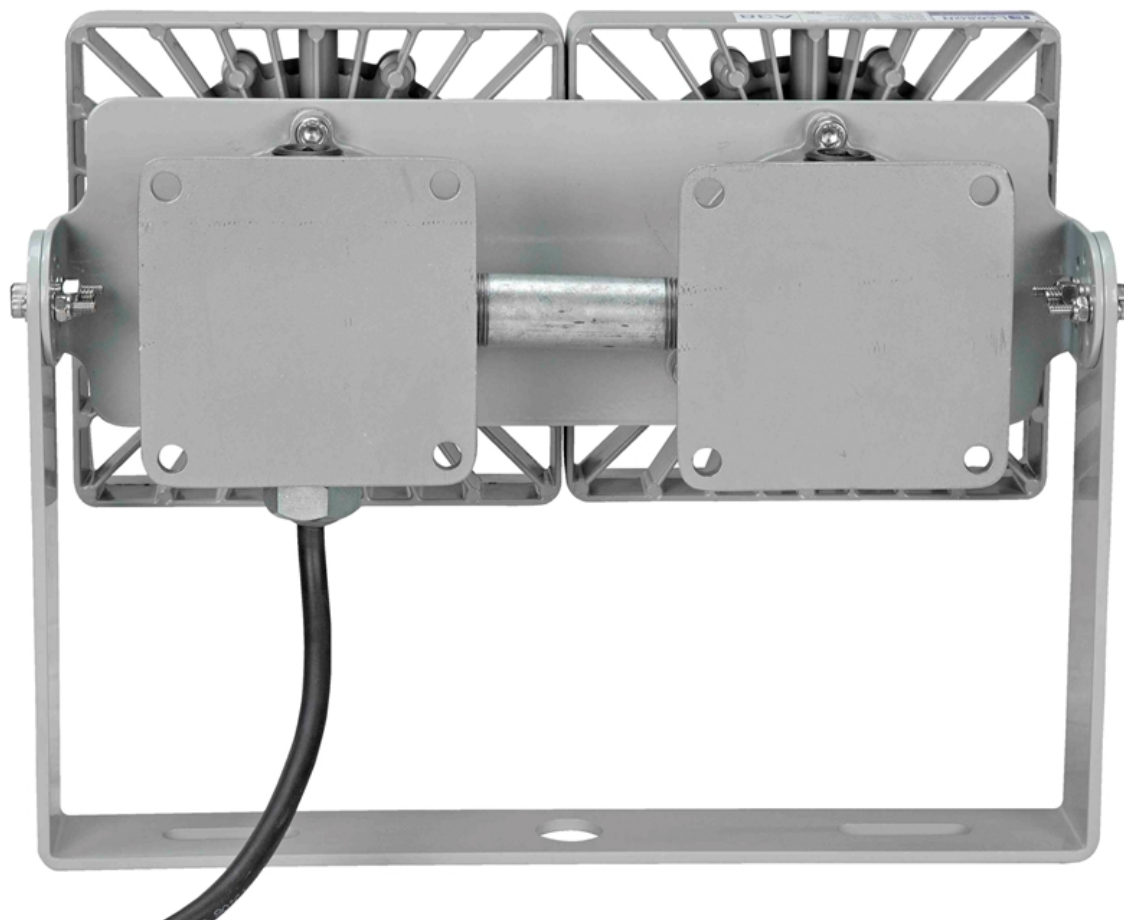
E-mail: sales@larsonelectronics.com

Frequently Asked Questions (FAQ)









EPLC2-LED-100W-RT-JB5-50C

Product ID: 153792

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-LED-100W-RT-JB5-50C-Voltage-Beam Angle

Example: EPLC2-LED-100W-RT-JB5-50C-1227-60DB

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

Beam Angle	
60°	-60DB
125°	-125B

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)