Larson Electronics LLC
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EPLX-TFM-100W-RD2-LED-TRC-100

100W Explosion Proof LED Light - C1D1 - C2D1 - Group B+ ATEX/IECEX - IP68 - Aluminum Triangle Mount

Product ID: 150531



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.

EPLX-TFM-100W-RD2-LED-TRC-100 Explosion Proof LED

Lamp Type: AC LED
Listing: United States, Canada, Europe
Dimensions: 18.09"L x 15.9"W x 23.75"H
Weight: 75 lbs
Voltage: 120V AC, 208V AC, 220V AC or 240V AC
Total Watts: 100W
Lumens: 10,500 (5000K) or 9,500 (3000K)
Luminous Efficacy: 105 Lm/W (5000K) or 95 Lm/W (3000K)
Lamp Life: 60,000+ Hours
Color Temp: 5000K cool white, 3000K warm white
Color Rendering Index: >70 CRI
Beam Angle: 110°
Lighting Configuration: Wide Flood Beam
Power Efficiency: >85%
Power Factor: >0.9
Amperage: 0.83A@120V AC, 0.48A@208V AC, 0.45A@220V AC, 0.41A@240V AC
Ambient Operating Temp Range: -60°C to +100°C
Operating Temp Rating: T6
Housing Material: Copper Free Cast Aluminum
Stand Material: Non-Sparking Aluminum
Lens Material: Hardened Borosilicate Glass
Mounting: Triangular Shaped Aluminum Base Stand
Finish: Powder Coated - Gloss Blue
Wiring: 100` 16/3 SOOW Cord
Cord Cap: 5-15 Straight (120V), 5-20 Twist (120V) or 6-20 Twist (250V) Explosion Proof Plug

Ratings/Approvals

Class I, Division 1, Groups B, C, D
Class II, Division 1, Groups E, F, G
UL 844
UL 60079
UL 1598
IEC Ex d IIB+H2
IEC Ex tb IIIC
IP68 Waterproof
NEMA 6/6P
Factory Sealed Light Fixture
ABS Type Approval

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Warranty: Yes - 5 Years*

E-mail: sales@larsonelectronics.com

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	8-30-2021

EPLX-TFM-100W-RD2-LED-TRC-100-120V-1523-50K

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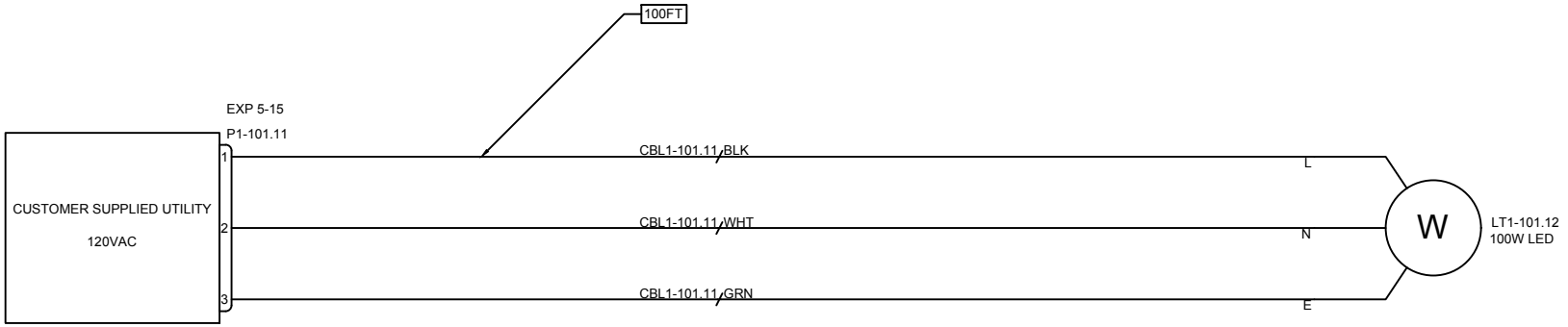

TAGS	QTY	CATALOG	DESCRIPTION
P1-101.11	1	UNV00005389	EXPLOSION PROOF PLUG - 5-15 15A 125V
LT1-101.12	1	UNV00009144	100W 5000K IP68 ATEX/IECEX GROUP B+ LED LIGHT FIXTURE - 120VAC
CBL1-101.11	1	UNV00007524	CORD 16/3 SOOW UL 90C BLK

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9419 E US HWY 175,
KEMP, TX 75143

TITLE: EPLX-TFM-100W-RD2-LED-TRC-100-120V-1523-50K

DRAWN BY	DATE	REV
P.CRYER	8-30-2021	A
CHECKED BY	SHEET #	DRAWING #
R.BLACK	1 OF 1	101




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Frequently Asked Questions (FAQ)