

EPL-TFM-150LED-RT-140DB-100-CPP516

150 Watt Class 1 Div 1 Explosion Proof LED Light - Non-Spark Aluminum Base -CPP516 Plug

Product ID: 104716

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPL-TFM-150LED-RT-140DB-100-CPP516

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-TFM-150LED-RT-140DB-100-CPP516 Explosion Proof LED Light

Listing: United States
Lamp Type: Cree LED
Dimensions: 16"-W 14"-H 5"-D` Light head
Weight: 30 Lbs
Voltage: Universal 120-277V AC 50/60 HZ
Total Watts: 150 watts
Lamp Lumens: 21,000
Luminous Efficacy: 140 Lm/W
LED Lamp Life Expectancy: 60,000 Hours
Color Temp: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, 2700K, or 6500K
Color Rendering Index: >75 CRI
Beam Angle: 60°, 125°, or 140°
Lighting Configuration: Flood Pattern
Operating Temp Range: T5 Rated -40C to 65C
Mounting: Triangular Shaped Aluminum Base Stand
Wiring: 100 feet 16/3 SOOW Cord w/ CPP516 Plug

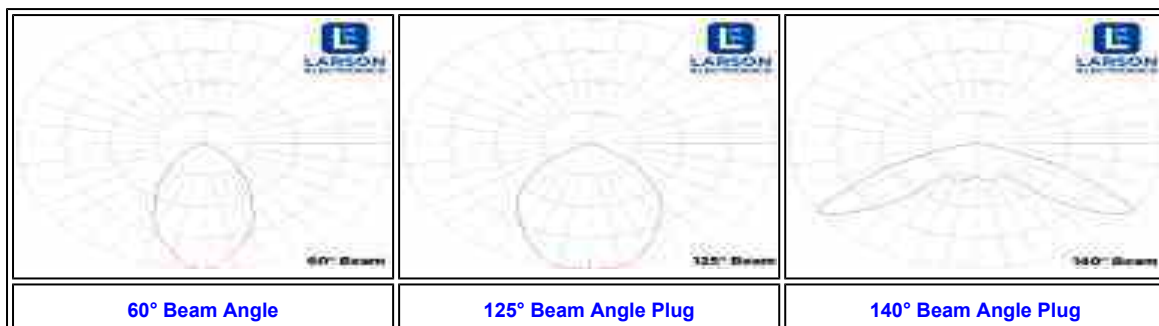
Ratings/Approvals

Class 1 Division 1, Groups C and D
Class 1 Division 2, Groups C and D
Class 2, Division 1-2, Groups E,F,G
Class 3
CSA Certified to C22.2 No.137-M81
cETL Certified to UL844 and C22.2 Standards
LEL Approved
T5 Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA



Beam Angles: When used as a portable lighting solution, the varying beam angles are each individually ideal for several environments. The 60° beam provides the most intense beam of the three options. It is perfect for narrow, confined spaces and is ideally suited for tank cleaning purposes. It offers focused light to provide ample illumination to tight work spaces and other environments. The 125° beam offers a more diffused source of light that is also less intense in brightness. It is a great general area work light and performs well when used for outdoor illumination. The 140° beam offers a very wide lighting pattern and is ideal for situations where lighting distance is not a concern, but illumination of a wider area and even light distribution is. The 140° beam is great for situations that call for working in close proximity to lights such as in a paint booth.

The LED lamp produces 21,000 lumens with a color temperature of 5000K, 4000K, or 3000K and a color rendering index of 75, which produces colors and details much more accurately than high pressure sodium or mercury vapor lamps. The copper free aluminum alloy lamp body is powder coated for added durability and resistance to corruptions. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000 hour rated lifespan with 80% lumen retention. Included with this LED light is 100 feet of SOOW cord terminated in a CPP516 explosion proof pin and sleeve cord cap.

This portable explosion proof flood light is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. The lamp is T5 temperature rated, Design Lights Consortium approved, and the LED light head retains 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps. The entire assembly is ETL listed Class 1, Divisions 1-2, Class 2, Divisions 1-2 for use in hazardous locations and approved for paint spray booths. The extreme durability, universal voltage capabilities, and LED longevity make this LED flood lighting system an ideal fit for tank cleaning, oil field maintenance and repairs, and offshore applications.

Made in USA Quality

1. Approved Class 1 Div 1-2 Class 2 Div I-2
2. Led lamp head requires no lamping.
3. Durable Base Mount constructed of copper free aluminum.
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. Adjustable LED light head.
7. 5000K Color Temperature and Color Rendering Index of 75
8. 21,000 Lumens produced from only 150 watts.
9. Mercury free shock proof LED lamp light head.

Superior LED Benefits

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.
4. No toxins-lead, mercury.
5. No UV light, infrared radiation or CO2 emissions.
6. Bright, even light maintains consistent color over time.
7. Instant on/off – No flickering, delays or buzzing.
8. Very good color rendering.
9. Vibration/impact resistant.
10. Significantly cooler operation.
11. Less frequent outages, higher output improves workplace



safety.

Frequently Asked Questions (FAQ)

There are no Fags



Image: EPL-TFM-150LED-RT-140DB-100-CPP516



Image: EPL-TFM-150LED-RT-140DB-100-CPP516



Image: EPL-TFM-150LED-RT-140DB-100-CPP516



Image: EPL-TFM-150LED-RT-140DB-100-CPP516

EPL-TFM-150LED-RT-140DB-100-CPP516

Product ID: 104716

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-TFM-150LED-RT-140DB-100-CPP516-Beam Angle-Color Temp

Example: EPL-TFM-150LED-RT-140DB-100-CPP516-60B-56K

Beam Angle		Color Temp	
60°	-60B	5600K	-56K
125°	-125B	5000K	-50K
140°	-140B	4500K	-45K
		4000K	-40K
		3500K	-35K
		3000K	-30K
		2700K	-27K
		6500K	-65K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/104716.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/104716.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/104716.PDF>)
- **Certificate 2, Misc**(<https://www.larsonelectronics.com/images/product/Cert2/104716.PDF>)
- **Certificate 3, Misc**(<https://www.larsonelectronics.com/images/product/Cert3/104716.PDF>)
- **IES (Photometric File)**(<https://www.larsonelectronics.com/images/product/ies/104716.ZIP>)
- **MSDS (Material Safety Data Sheet)**(<https://www.larsonelectronics.com/images/product/Msds/104716.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/104716.PDF>)
- **RoHS Certificate (Restriction of Hazardous Substances)**(<https://www.larsonelectronics.com/images/product/RoHSCert/104716.PDF>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/104716.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/104716.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/104716.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/104716.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/104716.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/104716.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/104716.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/104716.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/104716.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/104716.JPG>)
- **HigResPic10**(<https://www.larsonelectronics.com/images/product/HigResPic10/104716.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=0PrphCGhX0A>)
- **Video2**(<https://www.youtube.com/watch?v=B-2nuIRU2sw>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)