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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 70819

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



Image:

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.

LEDT8-F15 15 Watt T-series
UL Listing: United States
Lamp Type: LED Tube
Dimensions: 17.438"
Base Type: G13
Voltage: 120 Volts to 240 VAC 12/24 Volt Also Available
Watts: 15 watts
Total Lumens: 1,875
Lumens Per Watt: 125
Lamp Life Expectancy: 50,000+ Hours
Color temperature: 5600k
Beam angle: 120 degrees
Operating Temp: -20°C to +85°C

Ratings/Approvals
Listed for United States and Canada
UL-1993
CAN/CSA C22.2 No 1993
125 lm/w efficiency
IP20 Rated
80% Lumen Retention @ 50,000+ Hours
Internal Driver
Single End Powered
UL Listed LED Retrofit Luminaire

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

The Larson Electronics LEDT8-F15 15 watt T-series LED tube lamp works with T8 fluorescent light fixtures. Ideal for use in our EPL-FL1524 series explosion proof hand lamps, it is also an excellent choice for upgrading existing fluorescent lamp fixtures with F15 lamps to LEDs as well as a direct replacement for any of our own LED

fluorescent light fixtures.

This 15 watt LED tube lamp can be configured for any T series fluorescent bulb fixture with F15 T8 lamps and requires no ballast. Internally, you simply bring the black wire to one end and the white wire to the other. The polycarbonate lens diffuses the light and makes this bulb ideal for food safe environments as there is no glass. The aluminum housing serves as a heat sink and provides rigidity and strength for this LED bulb.

In fluorescent light fixtures with electronic ballasts, the operator needs to bypass the ballast and wire the power directly to one or both ends of the LED tube (black wire to one end and white wire to the other). Thus, this is an ideal upgrade for 2 foot fixtures with failed ballasts. These multi-voltage LED fluorescent style bulbs run directly off any voltage ranging from 110 volts to 220 volts and we now offer 12/24 volt LED T-series bulbs as well.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

These are the second generation of our 15 watt LED tubes. Using an Extech light meter, these LED T-series lamps produced 15% more foot candles of the same fixture with two F15 T8 bulbs when measured at a distance of 8 feet. Lumen output is 125 lumens per watt for a total of 1,875 lumens per bulb.

These LED fluorescent tube replacements can be used as upgrades or replacements to our own Larson Electronics.com explosion proof fluorescent lights, explosion proof paint spray booth lights as well as any other T series light fixture the operator already has in house. We have specially designed these for our explosion proof light fixtures, however, they can be used as replacements in standard fluorescent light fixtures. In our facilities, we replaced worn or spent fluorescent bulbs with these LED bulbs by removing the ballasts and bringing the white wire to one end the black wire to the other end of the LED tube.

LED Lamp Benefits

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.

9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.
15. Brings out natural appearance of products in sales or manufacturing applications
16. Preserves integrity of retail products. No heat damage to formulations or thermal fade of branded packaging in display cases
17. Unlimited indoor applications for overhead lighting, retail fixtures, signage, custom lighting accents, manufacturing and general area illumination
18. Easily retrofit existing conventional light fixtures, simplifies troffers since no ballasts needed. Durable enough for portable use in exhibitions and tradeshows

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 70819

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

-Voltage-Diffusion
Example: -1224-CLR

Voltage	
12/24 VOLT	-1224
HIGH VOLTAGE (120-277)	-1227

Diffusion	
CLEAR	-CLR
FROSTED	-SD
MILKY	-HD

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/70819.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com//images/product/DimensionalDrawing/70819.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/70819.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/70819.PDF)
- **HigResPic9**(https://www.larsonelectronics.com//images/product/HigResPic9/70819.JPG)
- **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)