Larson Electronics LLC
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LEDT-14W

2' LED Light Tube - Replaces F17 T8 Bulbs - 50,000 Life Hours - 14 Watts - 1260 Lumen

Product ID: 47324

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.

LEDT-14W 14 watt T-series

UL Listing: United States

Dimensions: 24"

Base Type: G13
Watts: 14 watts
Voltage: 110 Volts to 277 VAC 12/24 Volt Also Available

Beam angle: 120 degrees

Lamp Life Expectancy: 50,000+ Hours

Lamp Type: LED Tube

Operating Temp: -20 C to 85 C

Color temperature: 5300k
Lumens Per Watt: 90
Total Lumens: 1,260

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

Buy American Compliant

The Larson Electronics LEDT-14W 14 watt T-series LED tube lamp works with T8 fluorescent light fixtures. Ideal for use in our EPL-24, HAL-24, and HALP-24 explosion proof fixtures, it is also an excellent choice for upgrading existing fluorescent lamp fixtures to LEDs as well as a direct replacement for any of our own

LED fluorescent light fixtures.

This 14 watt LED tube lamp can be configured for any T series fluorescent bulb fixture 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. These LED light tubes can also be plugged directly into fluorescent T8 light fixtures with magnetic ballasts, which make them an ideal retrofit upgrade for older T12 fluorescent lights with magnetic ballasts.
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 bulbs run directly off any voltage ranging from 110 volts to 277 volts, including 120 volts, 230 volts, 277 volts, etc. 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 LED tube lamps are Buy American Act compliant. These lamps are produced in a World Trade Organization Government Procurement Agreement country and are NOT made in China. They are made in our dedicated factory in South Korea. These are the second generation of our 14 watt LED tubes. Using an Extech light meter, these LED T-series lamps produced 2.5 times the foot candles of the same 2 foot fixture with two T5 bulbs when measured at a distance of 8 feet. Lumen output is 90 lumens per watt.
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

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Frequently Asked Questions (FAQ)



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LEDT-14W

Product ID: 47324

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

Options:

LEDT-14W-Voltage-Color Temperature

Example: LEDT-14W-12V-50K

Voltage	
12 VOLT	-12V
24 VOLT	-24V
HIGH VOLTAGE (120-277)	-HV

Color Temperature	
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **Dimensional Drawing 2D**
- **Operations Manual**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic9**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**