Larson Electronics LLC
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FTL-3-LED-CPR-25

14 Watt LED Drop Light/Task Light with Hanging Hooks - 25' Cord - 3' Tube - LED Shelter Light

Product ID: 144227

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



Image: FTL-3-LED-CPR-25

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.

FTL-3-LED-CPR-25 LED Task Light w/ 25ft Cord

Lamp Type: LED
Dimensions: 42"-L x 36"-Dia
Weight: 5 lbs
Voltage: 120-277 Volts AC, 50/60Hz or 11-25V AC/DC
Total Watts: 14W
Total Lumens: 1,750
Luminous Efficacy: 125 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 5600K
Color Rendering Index: >80
Beam Angle: 150°
Power Efficiency: 90%
Power Factor: >0.95
Ambient Temperature Rating: -40°C to +60°C
Lens: 2` Polycarbonate Lens
Mounting: C Hooks / Hand Held
Wiring: 25` 16/3 SOOW w/ Cord Cap
Cord Cap: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail
Warranty: Yes - 3 Years

Ratings

Wet Area Approved
Food Safe
50,000+ Hour Lamp Life
High Output LED Lamp
Internal LED Driver - No Ballasts
Fluorescent Style LED Tube
25` SOOW Cable w/ Industrial Plug
Ships w/ Hanging Hooks
Cord Cap Options
Made in the USA
UL 1598A Maine

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

Made in Texas

The Larson Electronics FTL-3-LED-CPR-25 14 watt LED Portable LED Task Lighting Systems are suitable for civilian and military shelter units and is also ideal in practically any environment including general maintenance, construction, aircraft interior, emergency shelter, long or narrow pathways and ship yards. This series of Portable Task Lighting System incorporates a 2' LED lamp and a 2' polycarbonate lens that helps achieve a much longer lamp life, cooler operation, higher durability, and exceptional light quality compared to that of incandescent drop lights.

Constructed to be completely weather and impact resistant, this LED drop light sacrifices no light output or quality to obtain these features. The Larson Electronics FTL-3-LED-CPR-25 is shock resistant, making it durable enough to withstand drops, falls, and rough handling. Equipped with a 2` LED T8 Lamp and a 2` polycarbonate lens, this LED drop light is designed to operate at cooler operating temperatures than conventional incandescent and fluorescent lights to reduce the chance of fire and burns. The built-in reflector provides a wide, glare free, and shadow-less light field of bright white light.

The FTL-3-LED-CPR-25 is equipped with an LEDT8-24-V1 14 watt T8 style LED bulb from Larson Electronics, which produces 1,750 lumens and requires no ballast to operate. The lightly frosted lens diffuses the light and makes this bulb ideal for food safe environments as there is no glass. The nylon housing provides rigidity and strength for this LED bulb. These multi-voltage LED fluorescent bulbs will run on voltage ranging from 120-277V AC and 11-25V AC/DC.

We have eliminated the ballast normally associated with fluorescent fixtures which reduces overall weight and overall complexity of the task light. There is no ballast in this unit and the included LED lamps have a 50,000+ hour service life, both of which result in extreme efficiency and greatly reduced maintenance costs. These fluorescent LED lamps have internal drivers, eliminating external power components. The solid state design of the LED lamps give this fixture superior resistance to damage from vibration, extremes in temperature and a lamp service life over twice that of standard fluorescent bulbs. This second generation lamp is offered in 5600K cool white.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Mounting: This drop light comes standard with a set of drop hooks to allow users to conveniently hang the unit overhead anywhere illumination is needed. A machined handle at the base of the drop light allows the FTL-3-LED-CPR-25 to be used as a handheld light fixture

for spot illumination when needed. Each light is equipped with 25 feet of SOOW cable, making this drop light versatile and provides the operator with plenty of length for moving the light around the workspace.

Voltage: The internal driver in this unit provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These Portable LED Task Lighting Systems can operate on current ranging from 120 to 277V AC for high voltage models or 11 to 25V AC/DC for low voltage models without any modifications necessary as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This Portable LED Task Lighting System is equipped with 25 foot of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

LED Lamp Benefits

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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.

Energy Consumption Comparison

	Incandescent	T8	LED
Wattage	100 watts	17 watts	14 watts
Amp Draw @ 120V AC	0.84 amps	0.15 amps	0.11 amps
Amp Draw @ 220V AC	0.46 amps	0.08 amps	0.06 amps
Amp Draw @ 240V AC	0.42 amps	0.07 amps	0.06 amps
Amp Draw @ 277V AC	0.37 amps	0.06 amps	0.05 amps
Amp Draw @ 12V DC	8.34 amps	1.42 amps	1.17 amps
Amp Draw @ 24V DC	4.17 amps	0.71 amps	0.58 amps
Lamp Life Expectancy	1,500 hours	9,000 hours	50,000+ hours
Operation cost per year (12hs/day @ 12c/kWh)	$52.56	$8.94	$7.35

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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 144227

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

Options:

FTL-3-LED-CPR-25-Voltage-Cord Cap
Example: FTL-3-LED-CPR-25-1227-5.15

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

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

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Links (Click on the below items to view):

- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/144227.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/144227.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/144227.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/144227.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/144227.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/144227.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/144227.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/144227.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/144227.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/144227.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/144227.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/144227.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/144227.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/144227.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)