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FTL-5-LED-ILC-25-AS3112

28W LED Drop Light/Task Light - 25' Cord - 5' Tube - Daisy Chain - 3-Prong AS3112 10A Cord Caps

Product ID: 147710

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.

FTL-5-LED-ILC-25-AS3112 LED Task Light w/ 25` Cord
Lamp Type: T8 LED Tube
Dimensions: 60"
Weight: 5 lbs
Voltage: 230V AC
Total Watts: 28 watts
Total Lumens: 3,500
Luminous Efficacy: 98.21 Lm/W
Lamp Life Expectancy: 50,000+ Hours
Color Temp: 5600K
Color Rendering Index: >80
Beam Angle: 150°
Power Efficiency: 90%
Power Factor: >0.95
Cord Cap: Australasian 3-prong AS3112 10A
Ambient Operating Temp : -20°C to +85°C
Mounting: C Hooks / Hand Held
Wiring: 25` 16/3 SOOW w/ Cord Cap - 5` cord w/ Female Plug

Ratings
Wet Area Approved
Food Safe
50,000+ Hours Lamp Life
End-to-End Daisy Chain Capable
High Output LED Lamp
Internal LED Driver - No Ballasts
Fluorescent Style LED Tube
25` SOOW Cable w/ Australasian 3-prong AS3112 10A Cord Cap
Ships w/ Hanging Hooks
Custom Cord Cap Options Available
UL 1598A Maine

Special Orders - Special Requirements
Contact us for special requirements
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E-mail: sales@larsonelectronics.com

Made in the USA

The FTL-5-LED-ILC-25-AS3112 from Larson Electronics is a 28 watt LED drop light with end to end connectors that is ideal in practically any environment including but not limited to: general maintenance, construction, aircraft

interior, emergency shelter, long narrow pathways, ship yards, etc. These lights are also suitable for civilian and military shelter units. The LED lamp in these drop lights offer much longer lamp life, cooler operation, higher durability, and better light quality than 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-5-LED-ILC-25-AS3112 is shock resistant, making it durable enough to withstand drops, falls, and rough handling. Equipped with a 50,000 hour LED T8 lamp, 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-5-LED-ILC-25-AS3112 is equipped with an LEDT8-28W-V1 T8 bulb from Larson Electronics, which produces 3,500 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 fluorescent style LED bulbs run on 230V AC voltage.


Click Photo to Enlarge


Click Photo to Enlarge


Click Photo to Enlarge







Multiple units can be linked end-to-end via daisy chain connections as shown in the images above.

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 color temperature.
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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 is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.
LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas

burning and arc type lamps.
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. The FTL-5-LED-ILC-25-AS3112 is equipped with 25 foot of cable, making this drop light versatile and provides the operator with plenty of length for moving the light around the workspace. Each light is equipped with a 5` whip terminated in a Australasian 3-prong AS3112 10A female connector to allow end to end connections. These LED lights are ideal for temporary illumination where daisy chain setups are preferred.
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 drop lights can operate on 230V AC current.

Energy Consumption Comparison

	Incandescent	T8	LED
Wattage	100 watts	17 watts	28 watts
Amp Draw @ 120V AC	0.84 amps	0.15 amps	0.23 amps
Amp Draw @ 220V AC	0.46 amps	0.08 amps	0.13 amps
Amp Draw @ 240V AC	0.42 amps	0.07 amps	0.12 amps
Amp Draw @ 277V AC	0.37 amps	0.06 amps	0.10 amps
Amp Draw @ 12V DC	8.34 amps	1.42 amps	2.33 amps
Amp Draw @ 24V DC	4.17 amps	0.71 amps	1.17 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	$14.72

Wiring and Plug: This portable LED task lighting system is equipped with 25 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an Australasian 3-prong AS3112 10A male cord cap.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Superior LED 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.

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Frequently Asked Questions (FAQ)









Warranty: 36 Months.
Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map