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WAL-SL-10-LED-25-DIMM-HD-TXF

100' Temp. Construction String Light - 10 LED Lamps - Dimmable - 120-277V Stepped Down to 12-24V DC

Product ID: 153409

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.

WAL-SL-10-LED-25-DIMM-HD-TXF String Lights

Lamp Type: LED
Total Watts: 100 watts
Voltage: 120V-277VAC stepped down to 12/24V DC
Total Length: 131 Ft
Wiring: 10` 14/2 SJTW Cable Per Unit, 3` Whip, inline transformer w/ 25` cord terminated in 5-15 plug
Mounting: Aluminum Hook

Quick Summary

Lower Amp Draw
Wet Area Approved
High Output 10 Watt LED Lamps
118 Foot Connecting Cord
End to End Connection
Impact Resistant

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics WAL-SL-10-LED-25-DIMM-HD-TXF Dimmable Work Area Lighting LED String Light is designed for high output job site

illumination. The 10 watt LED lamps on this this work site light set provide more and higher quality light than 100 wattage incandescent lights while creating less heat and using less power, and are manually dimmable via a knob on the power supply increasing energy savings.
This work area string light consists of ten industrial grade LED lamps lamps with 10 feet of 14/2 SJTW cable between each unit. This temporary LED string light is connected to power via an inline stepdown transformer terminated with an industrial grade 5-15 straight blade plug. Each globe light is equipped with a high output, impact resistant, rough service LED bulb which delivers more light output than a 100 watt incandescent. The 10 watt LED bulb draws 10% the electrical power of a standard 100 watt bulb, making it suitable for standard voltage and low voltage applications. Each LED light screws into a molded E26 lamp socket and the bulb is enclosed in a bird cage style plastic guard.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge



100 Watt Incandescent Bulb





10 Watt LED Bulb

Each light has a yellow plastic mesh guard enclosure that provides protection for the enclosed bulb and a hook that allows operators to hang these tasks lights overhead. Multiple light stringers can be connected end to end to extend work area illumination. There are limits to how many strings can be interconnected based on the overall amp draw, power source, etc. Utilizing energy efficient LED lamps, operators are able to provide more light coverage from the same amp draw, or lower the amp draw using the same amount LED lamps as incandescent. Each LED trouble light has an effective range that approximately covers a 5 to 8 foot radius with 10-15 foot candles of light.

Stringer Energy Consumption Comparison

	Incandescent	CFL	LED
Wattage	1000 watts	260 watts	100 watts
Amp Draw @ 120V AC	8.34 amps	2.17 amps	0.84 amps
Amp Draw @ 277V AC	3.61 amps	0.94 amps	0.36 amps
Amp Draw @ 12V DC	83.34 amps	21.67 amps	8.34 amps
Amp Draw @ 24V DC	41.67 amps	10.84 amps	4.17 amps
Lamp Life Expectancy	1,500 hours	8,000 hours	50,000 hours
Color Temperature	2800K	4300K	6000K
Operation cost per year (8hs/day @ 11c/kWh)	$321.2	$83.52	$32.12

These lights are configured to operate with 120V-277V AC current stepped down

to 12V or 24V DC via an inline waterproof transformer. These LED string lights provide more and better quality illumination than 100 watt incandescent string lights without the high heat and fragile glass construction of traditional lamps. These LED lamps are suitable for wet areas, extremely long lived, resistant to damage from impacts and vibrations, and consume far less energy than standard lamps.
The WAL-SL-10-LED-25-DIMM-HD-TXF is dimmable via the power supply, offering a 75% reduction in power consumption when manually turned to "night mode" during off hours.

Lamp Features

1. 10 Watt LED Lamps
2. Outdoor Approved
3. No ballast, no flickering, instant on illumination
4. Yellow Cage Plastic Guards for added protection
5. 120-277V AC or 12-24V DC Operation
6. Durable solid state LED construction resists damage from impacts and vibrations.
7. Hanging hook for hanging and hands free operation.
8. 10 feet of 14/2 SJTW cable between each light.
9. End to end operations allows connecting multiple stringers together for maximum work site illumination.
10. Energy efficient alternative to incandescent and compact fluorescent temporary string lights

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)









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Product ID: 153409

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

WAL-SL-10-LED-25-DIMM-HD-TXF-Output Voltage

Example: WAL-SL-10-LED-25-DIMM-HD-TXF-12VDC

Output Voltage	
12V DC	-12VDC
24V DC	-24VDC

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map