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WAL-SL-10-LED-25-TXF

100' Temporary Construction String Light - Ten LED Work Lamps - 120-277V Stepped Down to 12-24V DC

Product ID: 70002



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-TXF String Lights
Lamp Type: LED
Total Watts: 100 Watts
Voltage: 120V-277 V AC Stepped Down to 12/24 V DC
Total Length: 131'
Wiring: 10' 14/2 SJTW Cable Per Unit, 25' Whip, Inline Transformer w/ 3' Cord Terminated in 5-15 Plug
Mounting: Aluminum Hook

Quick Summary
Lower Amp Draw
Wet Area Approved
High Output 10 Watt LED Lamps
118' Connecting Cord

Impact Resistant

Special Orders - Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
Intl: 1-214-616-6180
E-mail: sales@larsonelectronics.com

The WAL-SL-10-LED-25-TXF from Larson Electronics is a Work Area Lighting LED String Light with Inline Transformers that 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. For safe, low voltage operation, an inline AC to DC transformer steps 120-277 V AC down to 12 V or 24 V DC.
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.



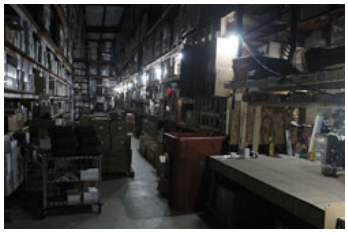
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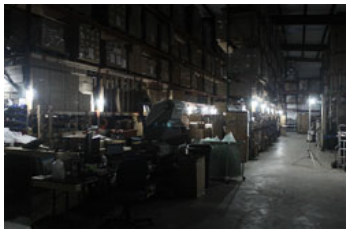
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100 Watt Incandescent Bulb



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. 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

Wiring: This unit is equipped with 25` 12/3 SOOW cord leading to an inline step down transformer and three feet of 16/3 SOOW cord coming out of the inline transformer that is terminated in a 5-15P industrial grade cord cap. This inline power supply for this string light is an auto sensing universal voltage transformer that operates on any voltage within the 100-277 volts AC 50/60 Hz range. This unit allows operators to power the string light from any 120-277 V AC power source, and steps down AC voltage to 12 V or 24 V DC. Please select your configuration below when ordering.

These lights are configured to operate with 120V-277 V AC current stepped down to 12 V or 24 V DC via an inline waterproof transformer. These LED string lights provide more and better quality illumination than 100 watt incandescent string

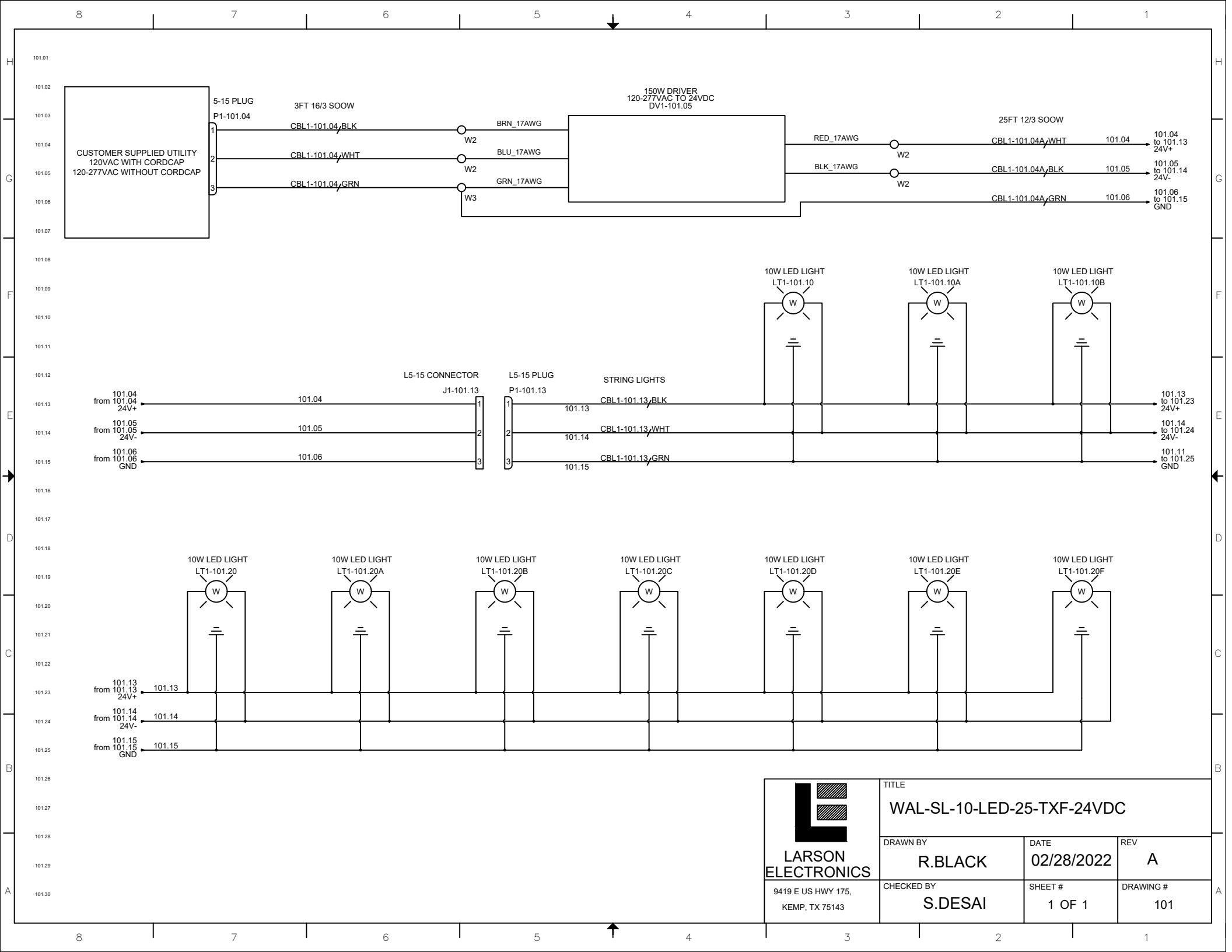
lights without the high heat and fragile glass construction of traditional lamps. These LED lamps are suitable for wet areas, extremely long lived, resistant to damage from impacts and vibrations, and consume far less energy than standard lamps.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	02/28/2022

WAL-SL-10-LED-25-TXF-24VDC

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9419 E US HWY 175,
KEMP, TX 75143

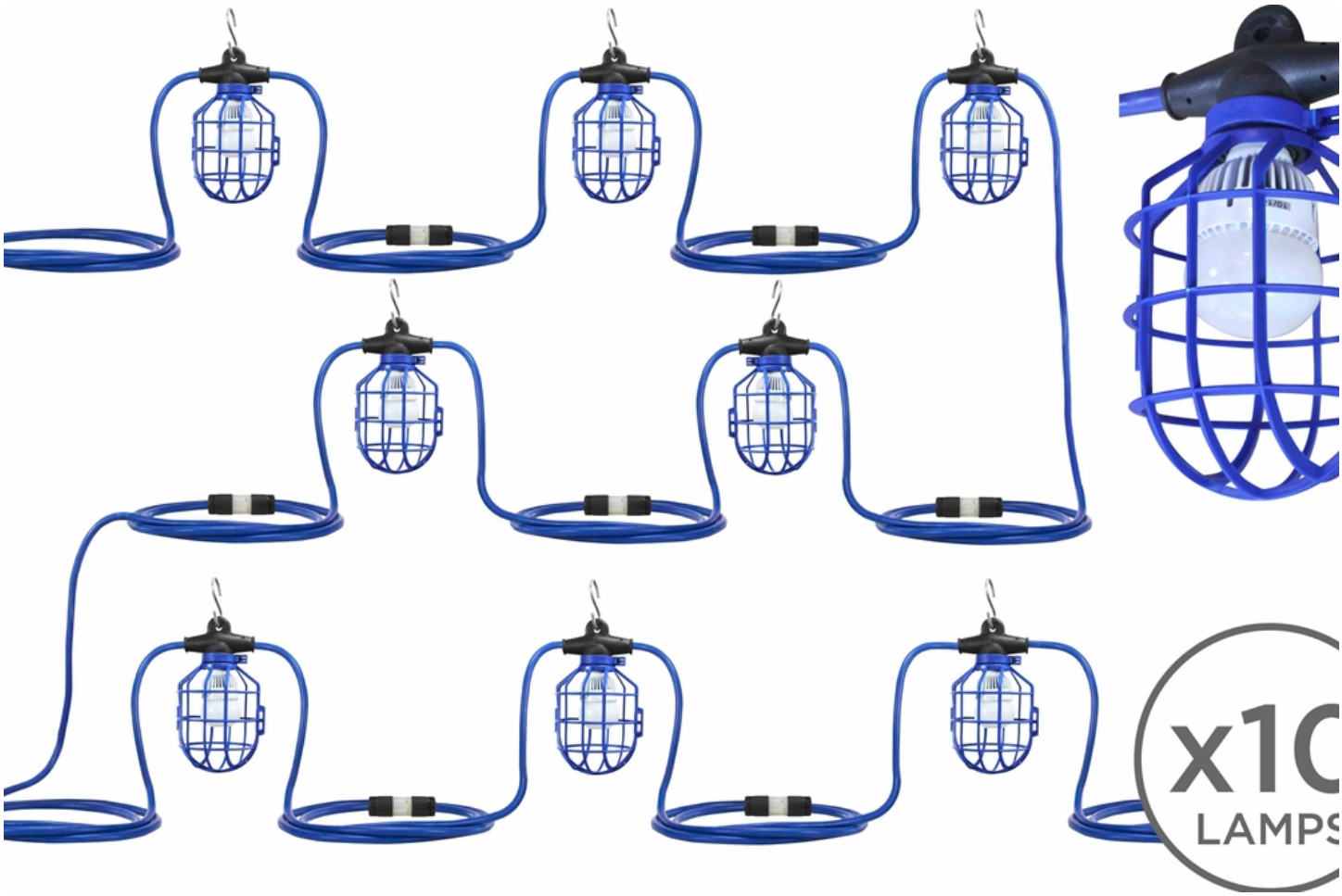
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TAGS	QTY	CATALOG	DESCRIPTION
P1-101.04	1	UNV00006731	5-15 PLUG NEMA
P1-101.13	1	UNV00011421	L5-15 PLUG
J1-101.13	1	UNV00011422	L5-15 CONNECTOR
LT1-101.10 LT1-101.10A LT1-101.10B LT1-101.20 LT1-101.20A LT1-101.20B LT1-101.20C LT1-101.20D LT1-101.20E LT1-101.20F	10	UNV00008066	10W LED BULB A19, STEADY BURN, WHITE, 5600K, 12/24V
DV1-101.05	1	UNV00005978	150W POWER SUPPLY; AC-DC; 24V; 100-305V IN
W2	4	UNV00004254	2-CONDUCTOR LEVER CLAMP
W3	1	UNV00011954	3-CONDUCTOR LEVER CLAMP
CBL1-101.13	1	UNV00005582	STRING LIGHT, 10 LIGHTS
CBL1-101.04	1	UNV00007524	16/3 SOOW CABLE
CBL1-101.04A	1	UNV00016498	12/3 SOOW CABLE

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Frequently Asked Questions (FAQ)