

WAL-SL-MJ-7-LED-10.4-15X-15IW.2OW

107' Work Area Mining String Light - 7 LED Work Lamps - 240V - 10/4 SOOW Cable - Daisy Chain

Product ID: 144141

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



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WAL-SL-MJ-7-LED-10.4-15X-15IW.2OW String Lights

Lamp Type: LED
Lamp Quantity: 7
Lamp Watts: 10 watts
Total Watts: 70 Watts
Lumens: 7,350 (1,050 per lamp)
Lamp Material: Aluminum
Voltage: 240V AC
Total Length: 107'
Wiring: 107' 10/4 SOOW Cable Per Unit, 15' Input Whip, 2' Output Whip
Cord Caps: L14-20P and L14-20C Twist Lock
Mounting: Eyelet for hook mounting
Shipping Dimensions: 40" x 48" x 36"

Features

Lower Amp Draw
Wet Area Approved
High Output 10 Watt LED Lamps
Daisy Chain Connection (End to End)
107' per String - Max Spanning 6000'
7,350 Lumens of Total Illumination
NEMA 3 & 4

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

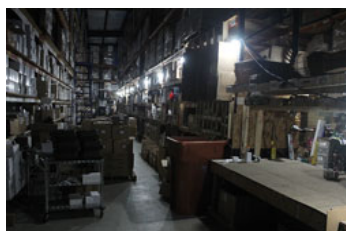
Made in the USA

The Larson Electronics WAL-SL-MJ-7-LED-10.4-15X-15IW.2OW Temporary Tunnel LED String Light System is designed for high output illumination and daisy chain connections across a total length of 100' away from the power source. The 10 watt LED lamps on this work site light set provide more and higher quality light than 100 wattage incandescent lights while creating less heat and using less power. This LED light stringer operates on 240V AC and provides operators with a

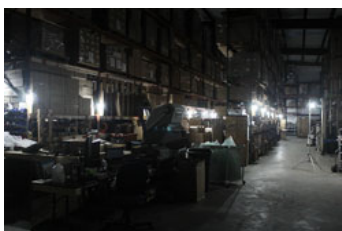
temporary work light solution for tunnels and underpasses over a mile in length.

This temporary tunnel string light consists of 7 industrial grade LED lamps with 15` of 10/4 SOOW cable between each unit, stretching a total of 107` in length. This temporary LED string light is connected to a 240V power source via an integrated 15` line-in cable. Each mason jar lamp is equipped with a high output 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 an E26 lamp socket and the bulb is enclosed in a bird cage style metal guard.

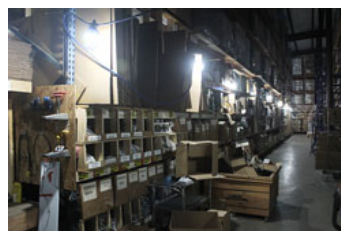
Seven high output A19 style LED lamps producing 1,050 lumens per lamp provide a total of 7,350 lumens of bright white illumination. Each lamp housing is constructed from copper free aluminum, and fitted with a tempered glass diffuser. These LED light bulbs provide additional safety measures and time savings, given the low heat production and that it does not require replacing for 50,000 hours. Since the LED bulb uses solid state technology, the vibration (dropping, etc.) that degrades conventional incandescent bulbs is not an issue with these LED bulbs.



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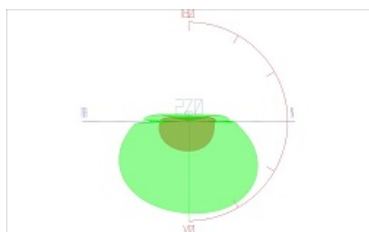
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive 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: The WAL-SL-MJ-7-LED-10.4-15X-15IW.20W is designed with rear-mounted brackets to allow for hanging of the string light assembly. A hook eyelet on the back of each lamp housing allows operators to hang these lights overhead. Safety within the workplace is another benefit of LED work lights and temporary lighting. All light sources produce heat. With traditional work lamps, such as incandescent and halogen light sources, the lamp reaches high surface temperatures. These surface temperatures introduce a burn risk to anyone to anyone that allows prolonged skin contact with the light source, as well as a fire hazard if a flammable material is accidentally set too close to the light source for an extended period of time. While LED fixtures do still produce heat, they are designed with heat sinks to properly disperse the heat. Each LED bulb is engineered to disperse and expel this heat quickly and efficiently, keeping the lamp cooler than traditional light sources. This LED work light operates at a lower surface temperature than a comparable model with traditional light source, and thus does not present a significant burn risk if an operator or bystander

accidentally brushed up against an exposed lamp, and reduce the fire hazard should they fixture accidentally come in contact with a flammable material for a short period of time. This significantly increases the safety within the work environment.

Each light housing is constructed of light weight aluminum and is fitted with an aluminum mesh guard enclosure that provides protection for the enclosed bulb. 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 light has an effective range that approximately covers a 5-8` radius with 10-15 foot candles of light. Unlike fragile incandescent and compact fluorescent lamps that are made from glass, these LED bulbs are extremely durable and can live up to the abuse of harsh working conditions. With a lamp life of 50,000 hours, operators are not constantly having to replace burnt out or broken lamps, reducing down time and lowering the amount of spare lamps required at the job site.

Multiple stringer sections can be daisy chained together via 2` whips terminated in twist lock connectors, with a maximum of fifteen stringers daisy chained together. Alternating hots along between each daisy chained unit allows these string lights to be connected together, spanning over 6000` in length. Previously, it would have been unrealistic to have a complete assembly reaching 6000` in length from a single point of power.



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Each high output LED lamp produces more light output than standard 100 watt rough service lamps. The 3D polar distribution curve displays a standard 100 watt rough service incandescent lamp (red) in comparison to the LED-A19-10-E26 high output LED lamp (green) that is used in this work area string light. The LED lamp visible covers more than twice ground than the 100 watt rough service lamp, and the higher CRI of the LED lamp provides a better working environment. The cool white color temperature allows operators to see fine details that would not be clearly visible incandescent lighting.

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. This tunnel string light is configured to operate with 240 volt electrical current. The LED lamps provide more and better quality illumination than 100 watt incandescent string lights without the high heat and fragile glass construction of traditional lamps. With the low energy requirements of LED lamps, mile long assembly units are now physically possible.

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.

Lamp Features

1. 10 Watt LED Lamps
2. 7 Lamps for a total of 70 watts spanning 107` in length.
3. 1,050 lumens per lamp for a total of 7,350 lumens.
4. High output LED lamps provide bright white illumination and better color rendering compared to the dingy yellow tint of traditional incandescent lamps.
5. Outdoor approved equipment.
6. No ballast, no flickering, instant on illumination
7. Copper free aluminum guards for added protection
8. 240V AC Operation
9. Durable solid state LED construction resists damage from

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

impacts and vibrations.

- 10. Hanging hook for hanging and hands free operation.
- 11. 15' of 10/4 SOOW cable between each light.
- 12. 107' span of temporary LED work lighting.
- 13. Daisy chain operations allows connecting multiple stringers together for maximum work site illumination, while aiding in servicing, storage, and transport of the tunnel light system.
- 14. Energy efficient alternative to incandescent and compact fluorescent temporary string lights.

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.



Frequently Asked Questions (FAQ)

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Product ID: 144141

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)