

PROJECT

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FIXTURE TYPE

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LOCATION

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CONTACT

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PHONE

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### Product Description

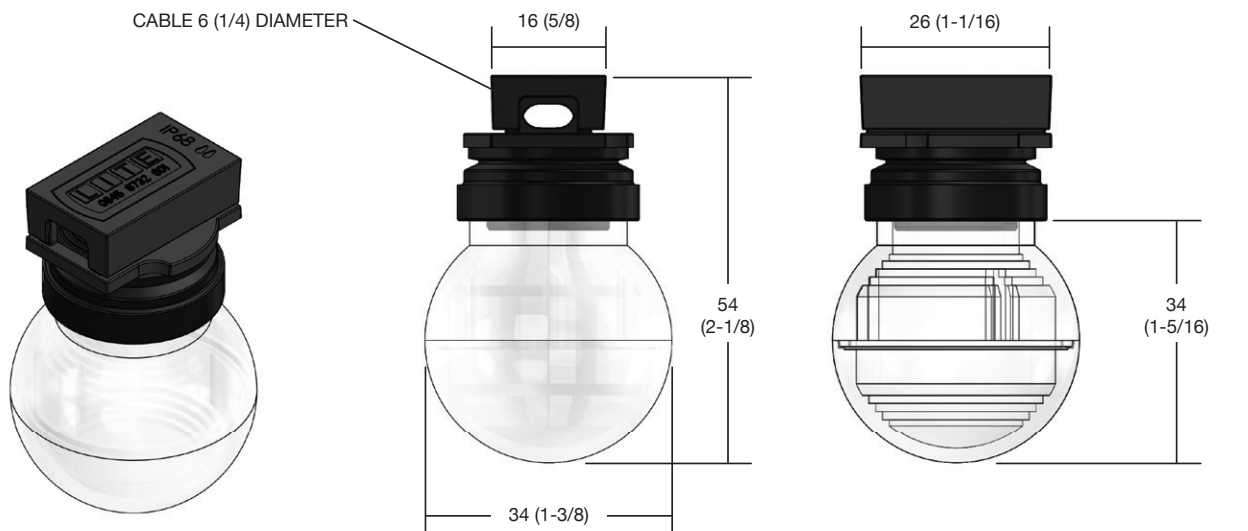
MaxiLED Strands provide exceptionally long runs of globe-lensed LEDs that can be used to outline trees, buildings, and bridges or connect architectural features with random red, green, and blue lighting effects. Each strand is built for permanent installations with rugged, injection-molded outer globes, heavy gauge wiring, and dependable CREE LEDs.



### Product Specifications

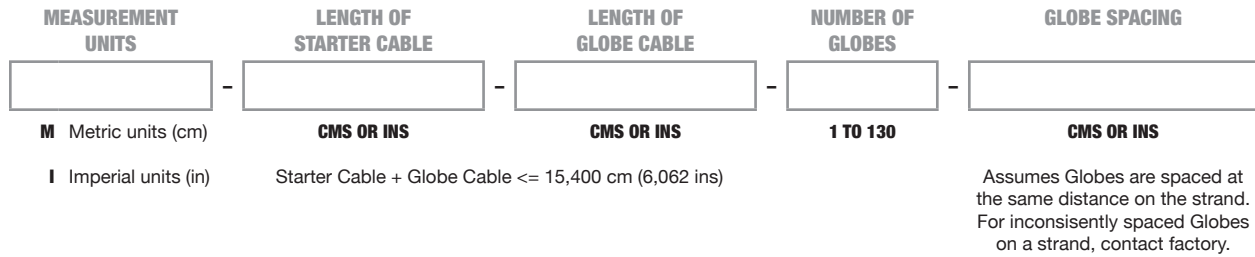
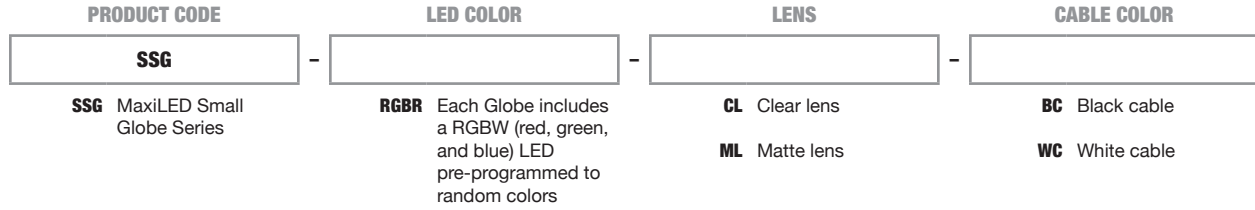
- **Power Input:** 110-240VAC (50/60 Hz)
- **Power Output:** 12VDC
- **Light Output:** Contact factory or see maxiledlighting.com.
- **Watts:** .6W per Globe.
- **Cable/Run Length:** 130 Globes per strand. 154 m (505 ft) maximum strand length including starter cable.
- **Light Source:** Multi-chip LED with pre-programmed red, green, and blue effects.
- **Connectors:** Water-tight (IP 68) and self-locking.
- **Lumen Maintenance:** Estimated 85% lumen maintenance at 30,000 hours, L70 predicted life of 55,000 hours.
- **Environment:** Dry, damp, and wet locations (IP 68). Not for use as a submersible light. Proper drainage required.
- **Cable:** 16 AWG. Weather resistant insulated rubber sheath with two core copper conductors. Black or white.
- **Mounting:** Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for trees and live landscaping.
- **Globe Lenses:** UV stabilized clear polycarbonate. Internally prismatic for maximum optical light output. Globe halves are hermetically sealed.
- **Operating Temperature:** -25° to 50°C (-13° to 122°F)
- **Weight:** Cable is 74g (2.6 oz) per meter. Globe and LED are 24g (.8 oz) per assembly.
- **Listings:** UL/cUL (pending), CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

### Dimensions

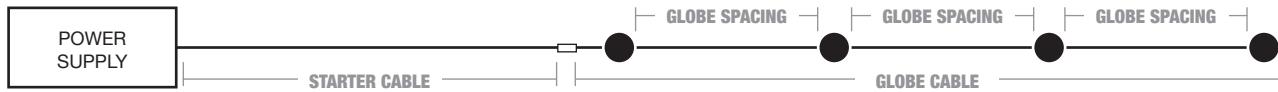


## Ordering

EXAMPLES: SSG-RGBR-CL-BC-I-1000-9000-100-90, SSG-RGBR-ML-WC-M-180-3000-100-30



## Ordering Definitions and Assistance



### LENGTH OF GLOBE CABLE

If you know the **NUMBER OF GLOBES** and the **GLOBE SPACING** for a strand, you can verify your **LENGTH OF GLOBE CABLE**.

- A) NUMBER OF GLOBES** (MAX 130) .....
- B) GLOBE SPACING** (CMS OR INS) .....
- C) Divide answer A by answer B** .....

### NUMBER OF GLOBES

If you know the **LENGTH OF GLOBE CABLE** and the **GLOBE SPACING**, you can verify your **NUMBER OF GLOBES**.

- A) LENGTH OF GLOBE CABLE** (CMS OR INS) .....
- B) GLOBE SPACING** (CMS OR INS) .....
- C) Divide answer A by answer B** .....

### GLOBE SPACING

If you know the **LENGTH OF GLOBE CABLE** and the **NUMBER OF GLOBES** for a strand, you can verify your **GLOBE SPACING**.

- A) LENGTH OF GLOBE CABLE** (CMS OR INS) .....
- B) NUMBER OF GLOBES** (MAX 130) .....
- C) Divide answer A by answer B** .....

## Installation Accessories

### TREE

- ML-SLG-0001** Tree tie
- ML-SLG-0002** Cable tie

### CATENARY

- ML-SLG-0003** Rubber grommet
- ML-SLG-0002** Cable tie

### SURFACE MOUNT CLIP

- ML-SLG-0005** Cable saddles
- ML-SLG-0002** Cable tie

### IP 68 CONNECTOR

- ML-SLG-0006** Plug/socket

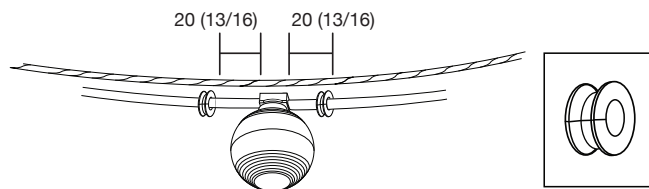
### SURFACE MOUNT TRUNKING

- ML-SLG-0004** D line trunking, 3 m (39-3/8 in) length.
- ML-SLG-0007** Flat bend
- ML-SLG-0008** Equal tee
- ML-SLG-0009** Coupler
- ML-SLG-0010** End cap
- ML-SLG-0011** Internal bend
- ML-SLG-0012** External bend

## Catenary Cable Installation <sup>1</sup>

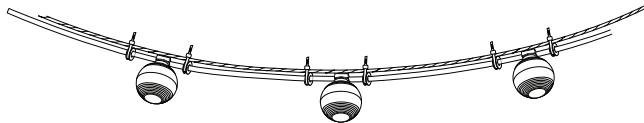
MM (INS)

### 1. Place rubber grommets over MaxiLED cable



Make sure catenary cable is taught and secure. With the secure catenary cable above the MaxiLED cable, place a rubber grommet 20 mm (13/16 in) on both sides of the globe.

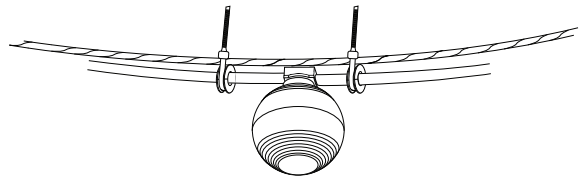
### 3. Repeat procedure



Repeat steps 1 and 2 until the entire strand is installed. Connect the installed strand to the transformer.

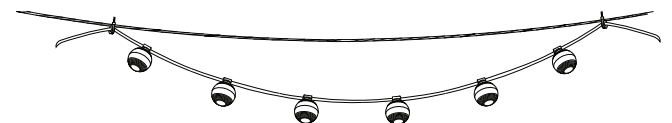
**⚠** This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes. Failure to comply with the installation instructions can result in injury or death.

### 2. Secure MaxiLED cable



Using an appropriately sized UV resistant zip tie, secure the grommet against the catenary cable. **NOTE:** Ensure grommet is placed on the MaxiLED cable and not the catenary cable.

### ► Alternative installation method



Create a hoop effect. Ensure grommet is a minimum of 20 mm (13/16 in) from the globe where cables connect. Connect the installed strand to the transformer.

<sup>1</sup> Contact factory for instructions on installing product in landscaping (trees) or in surface mounted applications.