

PROJECT

---

FIXTURE TYPE

---

LOCATION

---

CONTACT

---

PHONE

---

### Product Description

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

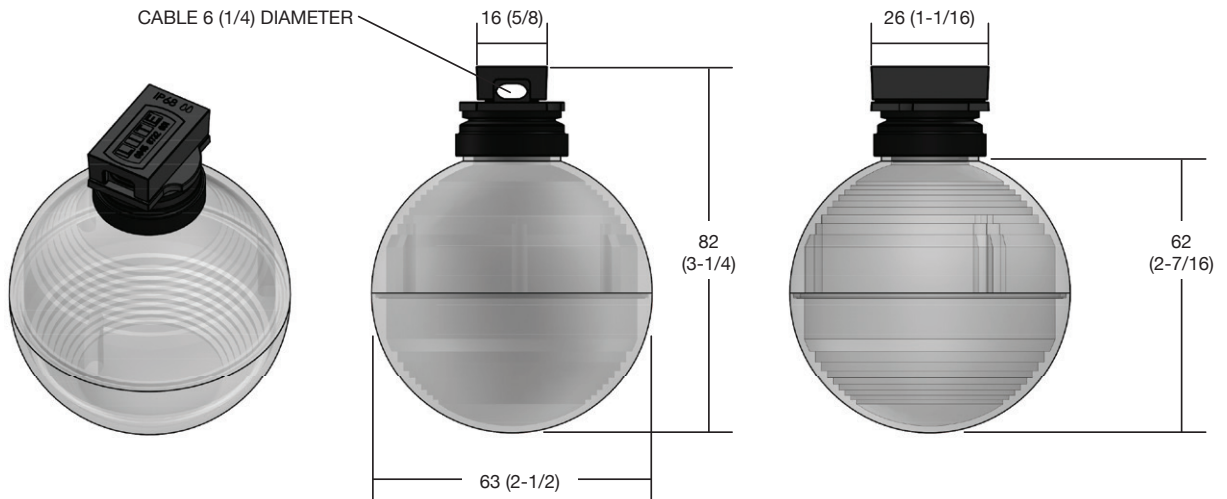


### Product Specifications

- **Power Input:** 110-240VAC (50/60 Hz)
- **Power Output:** 24VDC.
- **Light Output:** 79 lumens per Globe (cool white). Contact factory for warm white distribution information.
- **Watts:** 1.2W per Globe.
- **Cable/Run Lengths:** 150 Globes per strand. 105 m (3,937 ins) maximum strand length including starter cable (connects power supply with strand).
- **Lumen Maintenance:** Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 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. White or black.
- **Connectors:** Water-tight (IP 68) and self-locking.
- **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:** -13° to 158°F (-25° to 70°C)
- **Weight:** Cable is 74g (2.6 oz) per meter. Globe and LED are 44g (1.5 oz) per assembly.
- **Listings:** UL/cUL (pending), CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

### Dimensions

MM (INS)



## Ordering

EXAMPLES: SLG-HOCW-CL-BC-I-1000-9000-100-90, SLG-HOWW-ML-WC-M-180-3000-100-30

<b>PRODUCT CODE</b>	<b>LED COLOR</b>	<b>LENS</b>	<b>CABLE COLOR</b>
<b>SLG</b>			
<b>SLG</b> MaxiLED Large Globe Series	<b>HOCW</b> Cool white <b>HOWW</b> Warm white	<b>CL</b> Clear lens <b>ML</b> Matte lens	<b>BC</b> Black cable <b>WC</b> White cable
<b>MEASUREMENT UNITS</b>	<b>LENGTH OF STARTER CABLE</b>	<b>LENGTH OF GLOBE CABLE</b>	<b>NUMBER OF GLOBES</b>
<b>M</b> Metric units (cm) <b>I</b> Imperial units (in)	<b>CMS OR INS</b>	<b>CMS OR INS</b>	<b>1 TO 150</b>
	Starter Cable + Globe Cable <= 10,500 cm (4,134 ins)		Assumes Globes are spaced at the same distance on the strand. For inconsistently spaced Globes on a strand, contact factory.

## 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 150).....
- 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 150).....
- 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 TRUNKING

- ML-SLG-0004** D line trunking 39-3/8 in (3 m)
- 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

### SURFACE MOUNT CLIP

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

### IP 68 CONNECTOR

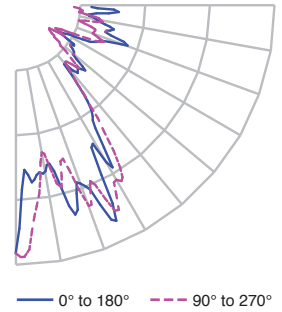
- ML-SLG-0006** Plug/socket

## Photometrics

### CANDELA DISTRIBUTION

	0°	22.5°	45°	67.5°	90°
0°	33	33	33	33	33
5°	23	22	19	23	28
15°	27	21	23	27	23
25°	47	28	32	28	28
35°	31	16	16	19	20
45°	8	13	12	9	12
55°	12	10	8	12	5
65°	11	18	10	11	9
75°	12	17	11	13	10
85°	11	14	11	8	8
90°	10	17	11	7	8

### POLAR DISTRIBUTION



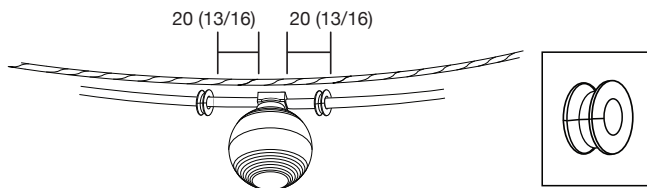
### ZONAL LUMEN SUMMARY

	Lumens		Lumens
0-10	2.4	60-70	9.4
10-20	6.6	70-80	11.2
20-30	12.0	80-90	10.1
30-40	12.0	90-100	0.0
40-50	7.9	100-110	0.0
6.9	13.7	110-120	0.0

Test performed on a single clear Globe with cool white LED (Part No. SLG-HOCW).

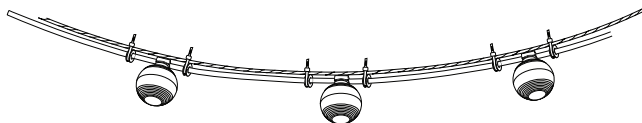
## Catenary Cable Installation <sup>1</sup>

### 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

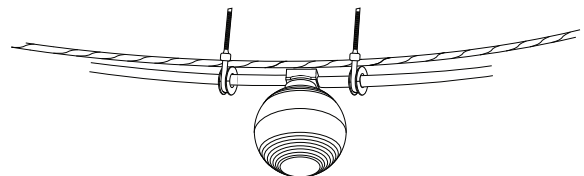


Repeat steps 1 and 2 until the entire strand is installed. Connect the installed strand to the transformer.

**⚠** 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.

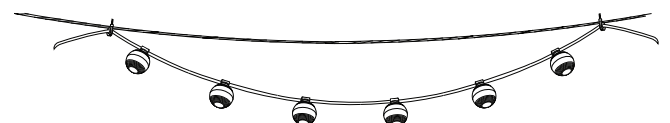
## MM (INS)

### 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.

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