

PROJECT

FIXTURE TYPE

LOCATION

CONTACT

PHONE

Product Description

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

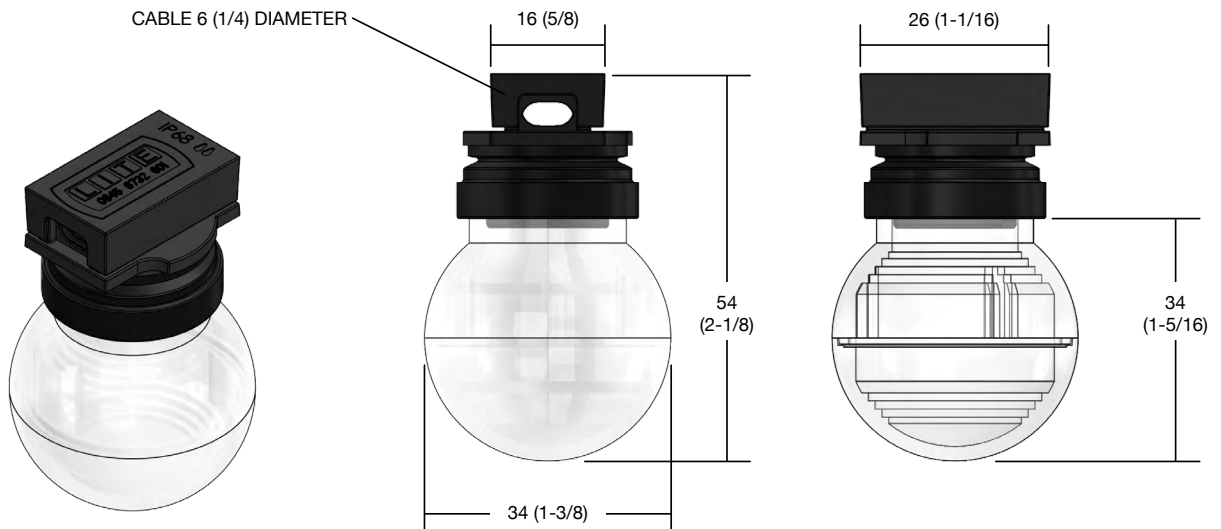


Product Specifications

- **Power Input:** 110-240VAC (50/60 Hz)
- **Power Output:** 24VDC.
- **Light Output:** Contact factory or see maxiledlighting.com.
- **Watts:** .6W per Globe.
- **Cable/Run Length:** 200 Globes per strand. 100 m (328 ft) maximum strand length including starter cable.
- **LED Colors:** 2400K, 2700K, 3500K, 5000K and 10,000K. Cool white, warm white, red, green, blue, and amber. More than one color can be used on a single strand.
- **Dimmable :** 0-10V
- **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 (IP68). 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 (0.8 oz) per assembly.
- **Listings:** UL/cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Dimensions

MM (INS)



Ordering

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

PRODUCT CODE	LED COLOR	LENS	CABLE COLOR
SSG			
SSG MaxiLED Small Globe Series	CW Cool white WW Warm white R Red G Green B Blue A Amber PAT Pattern. Enter PAT and complete the following: <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 2px;"></div> </div> EXAMPLE: 2 red (R), 2 white (W), two blue (B), repeat (<) <div style="display: flex; gap: 5px; margin-top: 5px;"> R R W W B B < </div>	CL Clear lens ML Matte lens	BC Black cable WC White cable

MEASUREMENT UNITS	LENGTH OF STARTER CABLE	LENGTH OF GLOBE CABLE	NUMBER OF GLOBES	GLOBE SPACING
M Metric units (cm) I Imperial units (in)	CMS OR INS	CMS OR INS	1 TO 200	CMS OR INS
	Starter Cable + Globe Cable <= 10,500 cm (4,133 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 200).....
- 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 200).....
- 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

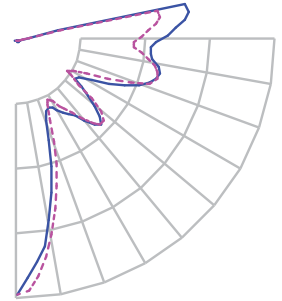
- ML-SLG-0006** Plug/socket

Photometrics

CANDELA DISTRIBUTION

	0°	22.5°	45°	67.5°	90°
0°	7	7	7	7	7
5°	6	6	6	6	6
15°	3	3	4	4	4
25°	2	2	2	2	2
35°	2	2	2	2	2
45°	3	3	3	3	3
55°	2	2	2	2	2
65°	3	2	2	2	2
75°	4	2	4	5	4
85°	4	3	4	4	3
90°	4	3	4	3	3

POLAR DISTRIBUTION



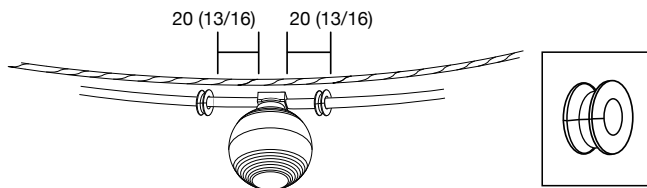
ZONAL LUMEN SUMMARY

	Lumens		Lumens
0-10	0.6	60-70	1.9
10-20	1.2	70-80	3.8
20-30	1.1	80-90	3.9
30-40	1.3	90-100	4.0
40-50	2.1	100-110	1.8
50-60	2.1	110-120	0.1

— 0° to 180° - - - 90° to 270°

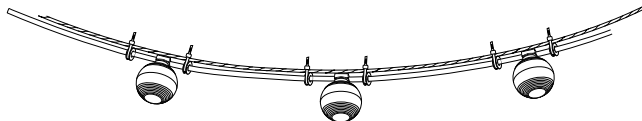
Catenary Cable Installation ¹

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

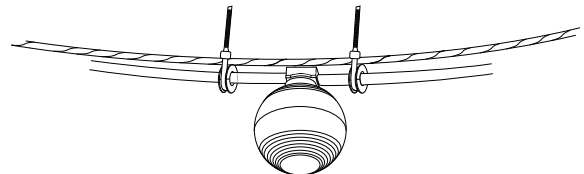


Repeat steps 1 and 2 until the entire strand is installed. Connect the installed strand to the transformer.

⚠ 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.

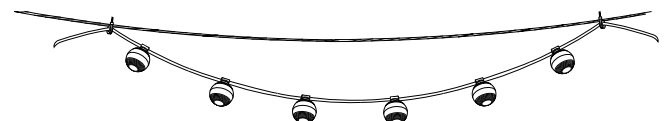
MM (INS)

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. (See Power Supply Installation Instructions.)

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