

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.

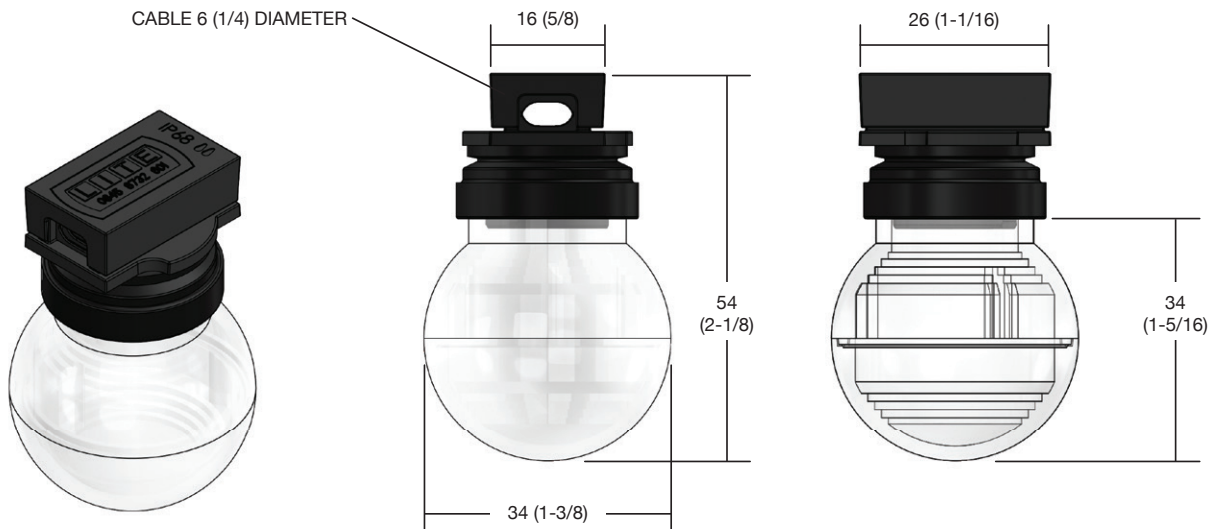


Product Specifications

- **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:** Cool white, warm white, red, green, blue, and amber. More than one color can be used on a single strand.
- **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 (0.8 oz) per assembly.
- **Listings:** UL/cUL (pending), CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Dimensions

MM (INS)



Installation Accessories

TREE

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

SURFACE MOUNT CLIP

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

CATENARY

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

IP 68 CONNECTOR

- ML-SLG-0006** Plug/socket

SURFACE MOUNT TRUNKING

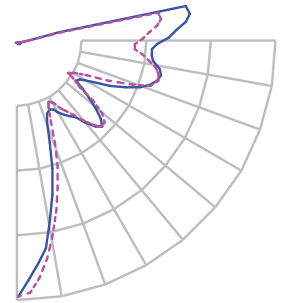
- ML-SLG-0004** D line trunking 39-3/8 in (3 m)
- ML-SLG-0007** Flat bend
- ML-SLG-0008** Equal tee
- ML-SLG-0009** Coupler
- ML-SLG-0010** End cap
- ML-SLG-0011** Internal bend
- ML-SLG-0012** External bend

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



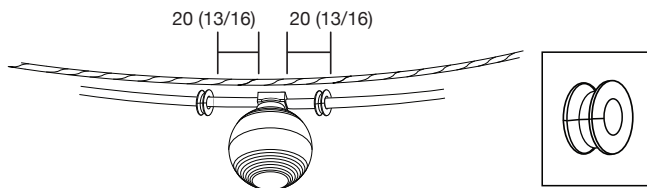
ZONAL LUMEN SUMMARY

	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°

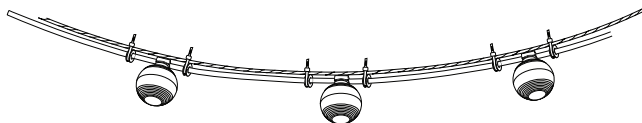
Catenary Cable Installation ¹

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

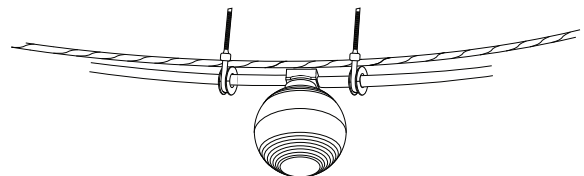


Repeat steps 1 and 2 until the entire strand is installed. Connect the installed strand to the transformer.

⚠ 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.

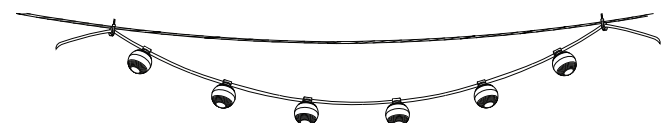
MM (INS)

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.