



MaxiLED Large Globe Series

High Output

KEY FEATURES

- High Output
- IP68
- Cree® LED
- 24VDC



Product Overview

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.

Specifications

High Output

Electrical specification

Power input:	24VDC
LED Current:	350ma
Watts per unit:	1.2w
Max. Units per system (1.5mm sq cable):	See below
Max distance from 1st to last unit (1.5mm sq cable):	80m (262 ft)
Lumens (Clear Globe)	80 Lumens
Lumen Maintenance 85%:	70,000Hrs

LED options

Cool White (6000K):	YES
Warm White (2700K):	YES

System Cable Distances

Max. cable 1.5mm sq from Power to 1st fitting:	20m (65 ft)
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Protection

IP Rating:	IP68
Thermal Protection cut out at 70°C:	NO
Operation Temperature:	-25 to +50

Finishes

Globe lenses:	UV stabilized polycarbonate
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Listings:

CE.

Dimensions & Weights

Diameter (mm):	63 mm (2.5 ins)
Height (mm):	82 mm (3.23 ins)
Weight Globe (Each):	41G (1.44 Ounce)
Weight cable CE (1Meter):	71G (2.50 Ounce)
Weight cable UL (1Meter):	56G (1.97 Ounce)

Transformer

Max. Quantiy of Fittings

240W	80 Globes
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Even though the total load is below the power supply capacity, this is due to the inrush current limitations on start up.



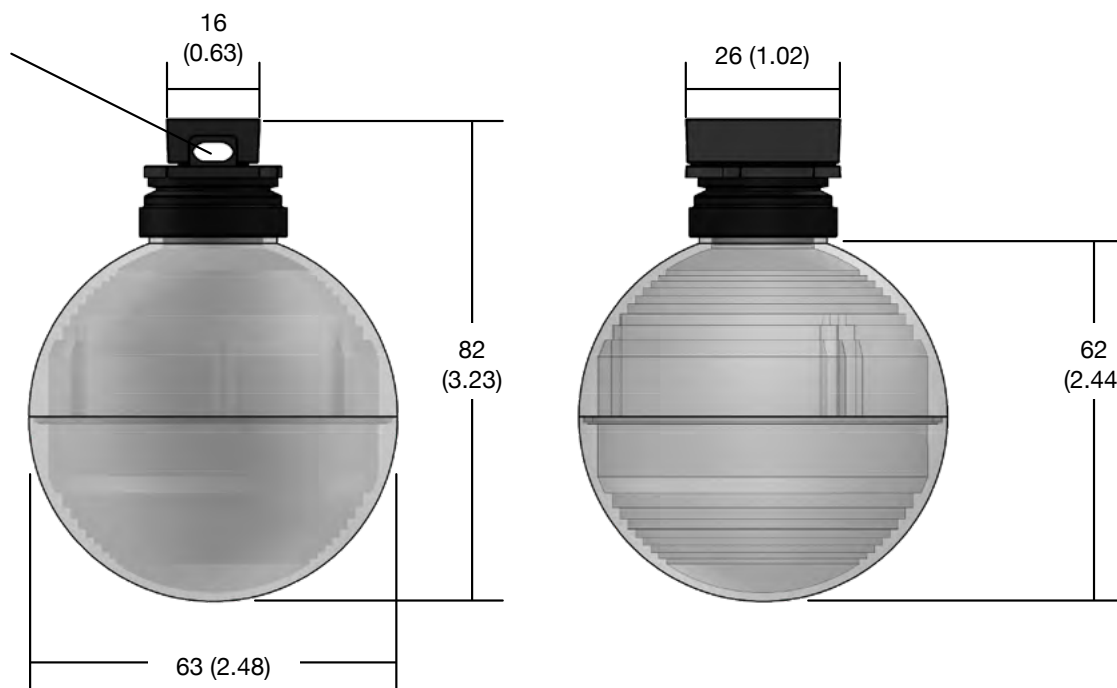
UK Designed and
Manufactured

MaxiLED Lighting

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T: +44 (0)845 8732 601 E: sales@maxiledlighting.com Web: www.maxiledlighting.com

MM (INCHES)

CABLE 6 (0.24) DIAMETER
(10 AWG)

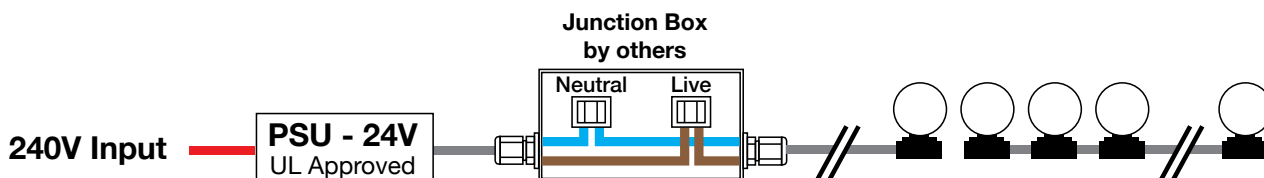


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This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.
Failure to comply with the installation instructions can result in serious injury or death.

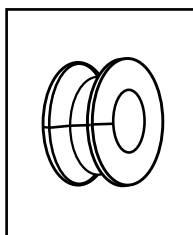
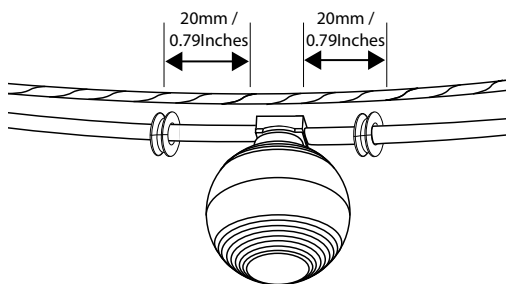




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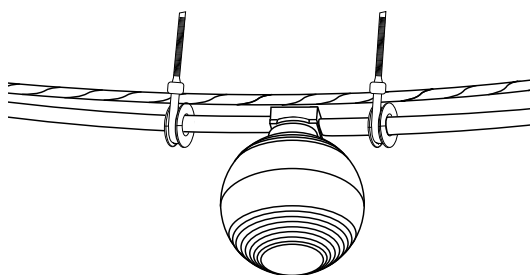
1 Place rubber grommets over MaxiLED Cable



(a). Make sure catenary cable is taught and secure.

(b). With the secure catenary cable above the MaxiLED Cable, place a rubber grommet 20mm / 0.79 inches either side of the MaxiLED housing.

2 Secure MaxiLED Cable

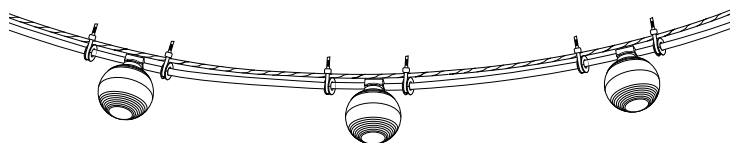


(a). Using a suitable sized UV resistant zip tie (4.8mm width), secure the grommet up against the catenary cable.

(b). Trim excess cable tie.

NOTE: GROMMET PLACED OVER MAXILED CABLE

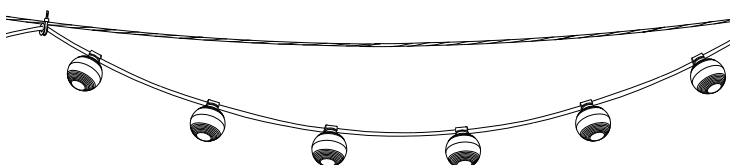
3 Repeat Procedure



(a). Repeat process 1-2 until the installation is complete.

(b). Connect the installed unit to the correct transformer.

4 Alternative Fixing Method



(a). alternative fixing method creating a hoop effect.

The transformer must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.

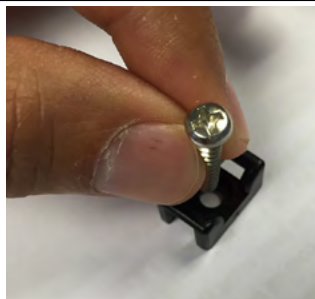
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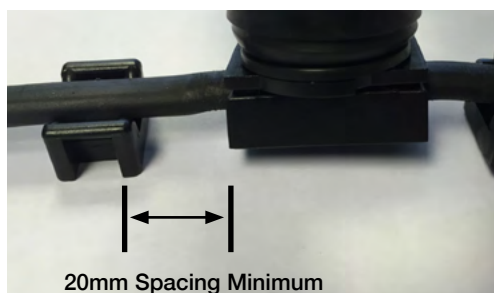
1 Fitting the Fixing Clip to the desired Surface



(a). Screw fix the Fixing clip to the desired surface.

NOTE: Correct screw must used to assure that the head is counter sunk within the fixing clip.

2 Spacing the Fixing Clip



(a). Ensure that the Spacing between each Fixing Clip and MaxiLED Globe is 20mm Minimum

3 Cable Tie the MaxiLED Strand Cable to the Fixing Clip



(a). Using the Supplied UV/Weather resistant Cable tie.

(b). Feed the Cable tie through the Fixing Clip and Secure the MaxiLED Strand Cable

4 Repeat Procedure

(a). Repeat process 1-3 until the installation is complete.



Ordering

EXAMPLES: UKSLG-HO-CW-CL-BC-I-1000-9000-80-50, UKSLG-HO-WW-ML-WC-M-180-3000-80-30

PRODUCT CODE		LED COLOR		LENS		CABLE COLOR	
UKSLG-HO							
UKSLG - HO CE MaxiLED Large Globe Series		CW Cool white	WW Warm white	CL Clear lens		BC Black cable WC White cable	
UUSLG - HO USA MaxiLED Large Globe Series							

MEASUREMENT UNITS	LENGTH OF STARTER CABLE	LENGTH OF GLOBE CABLE	NUMBER OF GLOBES	GLOBE SPACING
M Metric units (cm)	CMS OR INS	CMS OR INS	1 TO 80	CMS OR INS
I Imperial units (in)	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 80)

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 80)

C) Divide answer A by answer B