



## MaxiLED Large Globe Series

### Static Colours

#### KEY FEATURES

- Static Colours
- IP68
- 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 / colour lighting. Each strand is built for permanent installations with rugged, injection-molded outer globes, heavy gauge wiring and dependable LEDs. More than one colour can be used on a single strand.

#### Specifications

#### Static Colours

##### Electrical specification

Power input:	24VDC
LED Current:	-
Watts per unit:	0.6w
Max. Units per system (1.5mm sq cable):	See Chart below
Lumens (Est.)	-
Lumen Maintenance 85%:	70,000Hrs

##### LED options

Cool White (10,000K):	YES
Warm White (2700K):	YES
Red, Green, Blue, Pink and Amber	YES

##### System Cable Distances

Max. Run distance	100m (328 ft)
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##### Protection

IP Rating:	IP68
Operation Temperature:	-25 to +50

##### Globe

Material:	UV stabilized polycarbonate
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##### Listings:

UL / cUL, CE, BS EN60598, IEC 60598

##### Cable Colours

Black (Standard):	YES
White: (Minimum order):	YES (on request)
RAL (Minimum order):	YES (on request)

##### 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. Quantity of Fittings

100W	100 Globes
150W	200 Globes
240W	300 Globes

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



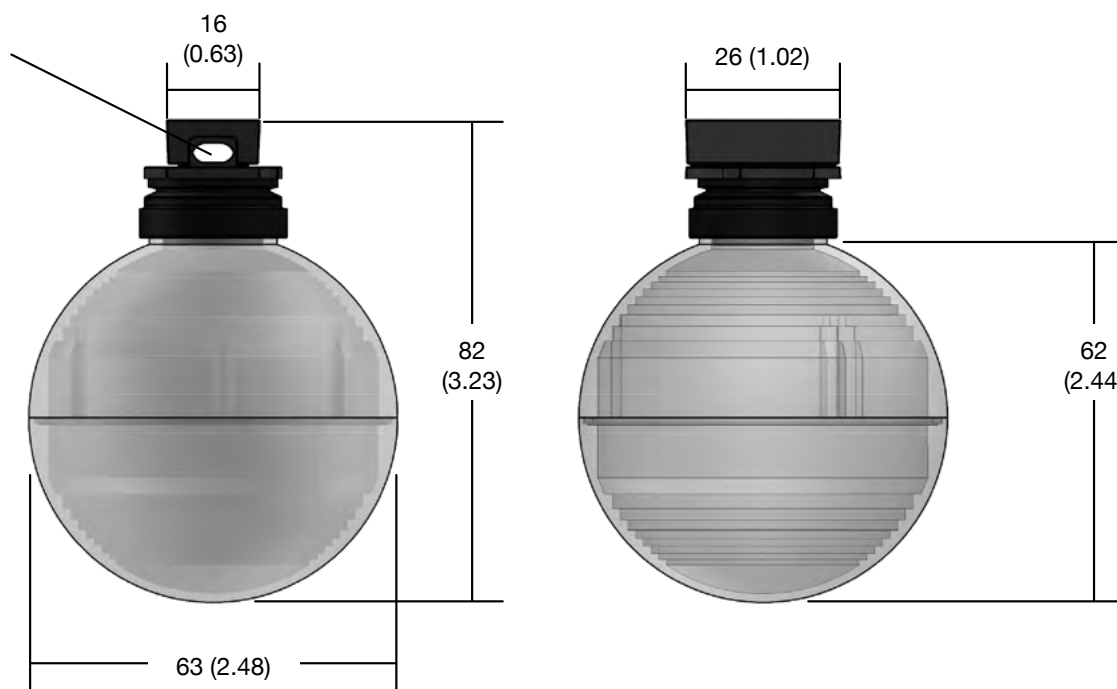
UK Designed and  
Manufactured

MaxiLED Lighting

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T: +44 (0)845 8732 601 E: [sales@maxiledlighting.com](mailto:sales@maxiledlighting.com) Web: [www.maxiledlighting.com](http://www.maxiledlighting.com)

MM (INCHES)

CABLE 6 (0.24) DIAMETER  
(10 AWG)



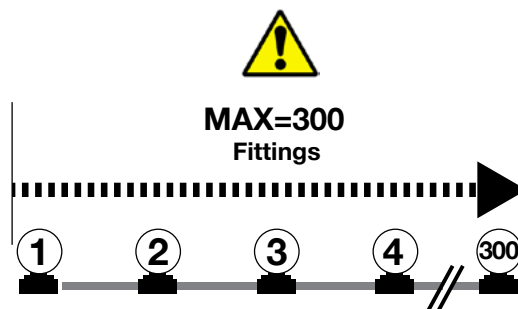
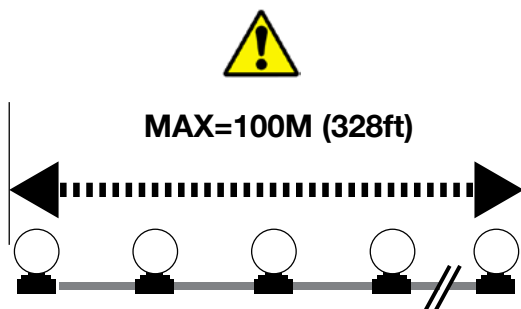
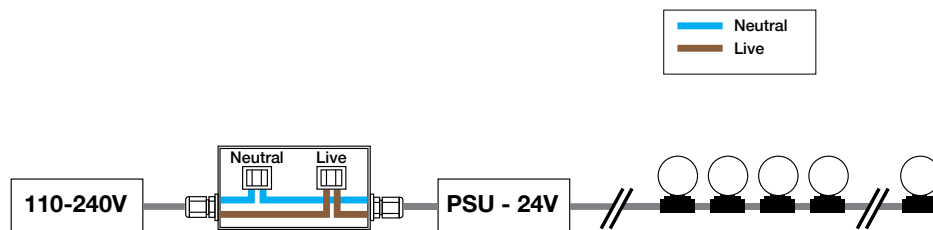
**MaxiLED Lighting**

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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.

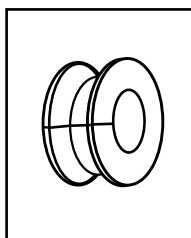
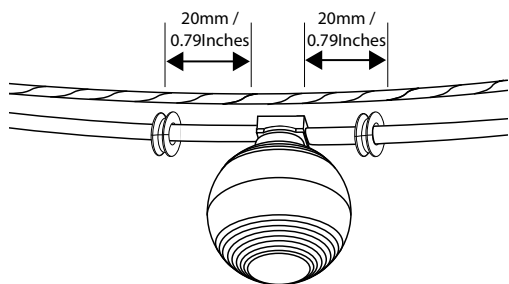




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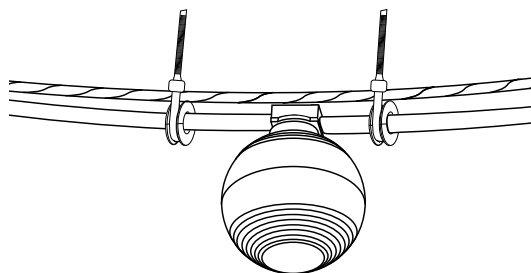
### 1 Place rubber grommets over MaxiLED Cable



(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.

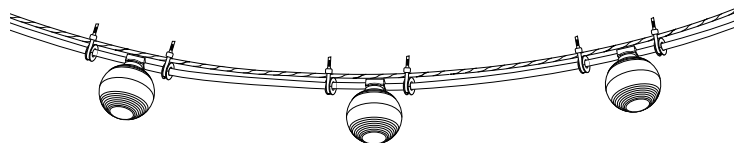
(b). Trim excess cable tie.

**NOTE: GROMMET PLACED OVER MAXILED CABLE**

### 3 Repeat Procedure

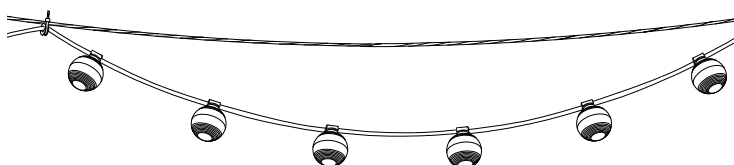
(a). Repeat process 1-2 until the installation is complete.

(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.

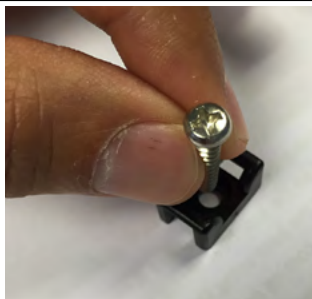
Failure to comply with the installation instructions can result in serious injury or death.



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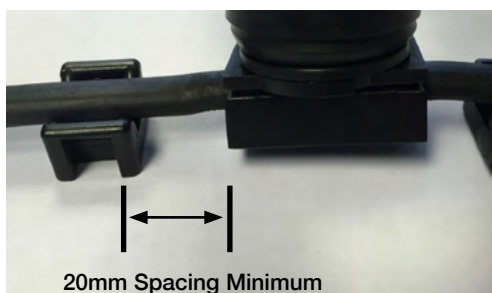
## 1 Fitting the Fixing Clip to the desired Surface



(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.

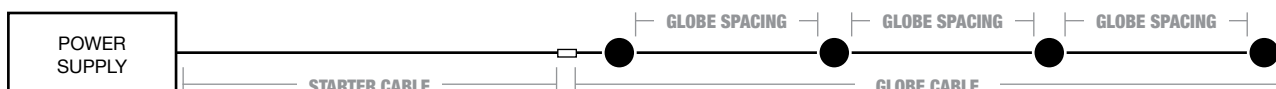


## Ordering

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

PRODUCT CODE	LED COLOR	LENS	CABLE COLOR	
<b>UKSLG</b>				
<b>UKSLG</b> CE MaxiLED Large Globe Series	<b>Tem</b> 2700K - <b>Tem</b> 10000K <b>CW</b> Cool white <b>WW</b> Warm white <b>R</b> Red <b>G</b> Green <b>B</b> Blue <b>A</b> Amber <b>P</b> Pink	<b>CL</b> Clear lens <b>ML</b> Matte lens	<b>BC</b> Black cable <b>WC</b> White cable	
<b>ULSLG</b> USA MaxiLED Large Globe Series	<b>PAT</b> Pattern. Enter <b>PAT</b> and complete the following: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> <div style="width: 20px; height: 20px; border: 1px solid black; margin: 2px;"></div> </div> <b>EXAMPLE:</b> 2 red (R), 2 white (W), two blue (B), repeat (<) <div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">R</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">R</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">W</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">W</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">&lt;</span> </div>			
MEASUREMENT UNITS	LENGTH OF STARTER CABLE	LENGTH OF GLOBE CABLE	NUMBER OF GLOBES	GLOBE SPACING
<b>M</b> Metric units (cm)	<b>CMS OR INS</b>	<b>CMS OR INS</b>	<b>1 TO 200</b>	<b>CMS OR INS</b>
<b>I</b> 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 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**.....