



Random
Color Change

MaxiLED Large Globe Series Random Colour Change

KEY FEATURES

- Random Colour Change
- IP68
- 12VDC



Product Overview

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

The Multi-Chip LED's are pre-programmed random red, green and blue effects.

Specifications

Random Colour Change

Electrical specification

Power input:	12VDC
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

Red, Green and Blue random	YES
----------------------------	-----

System Cable Distances

Max. Run distance	100m (328 ft)
-------------------	---------------

Protection

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

Globe

Material:	UV stabilized polycarbonate
-----------	-----------------------------

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:	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.



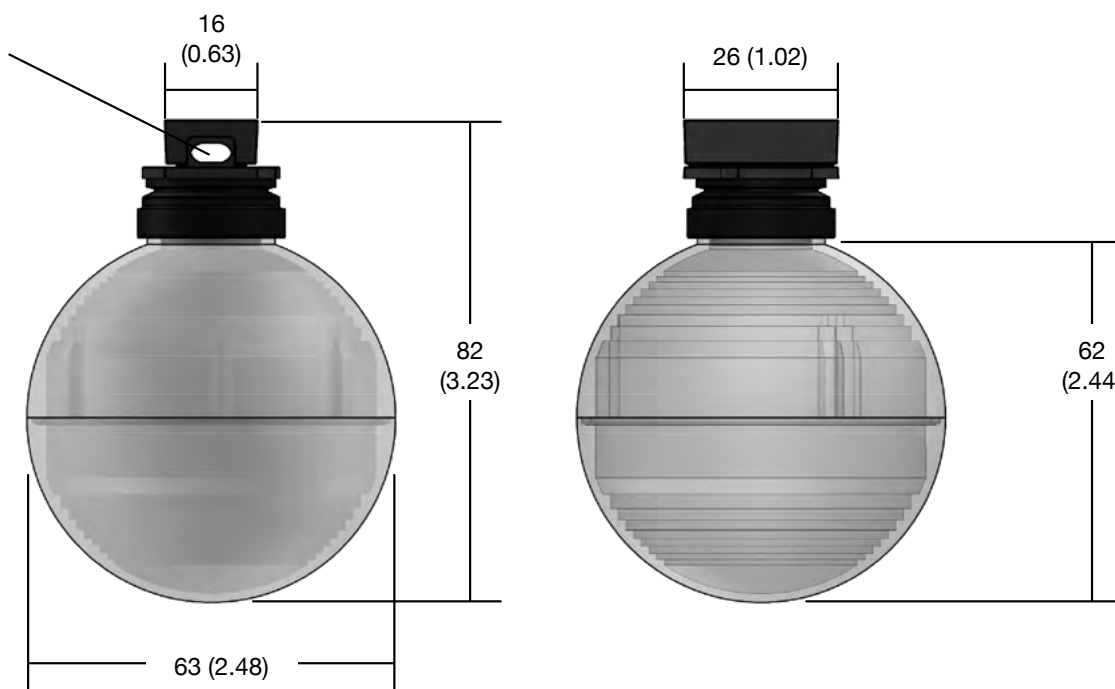
UK Designed and
Manufactured

MaxiLED Lighting

Unit 2, Farrington Place, Rossendale Road Ind. Est. Burnley, Lancashire. UK. BB11 5TY
T: +44 (0)845 8732 601 E: sales@maxiledlighting.com Web: www.maxiledlighting.com

MM (INCHES)

CABLE 6 (0.24) DIAMETER
(10 AWG)

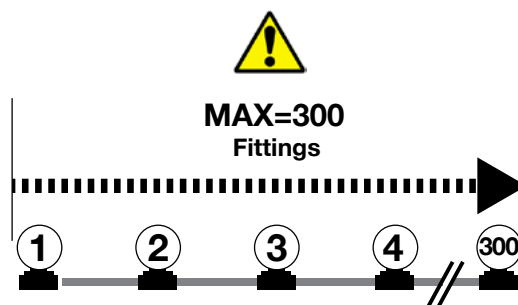
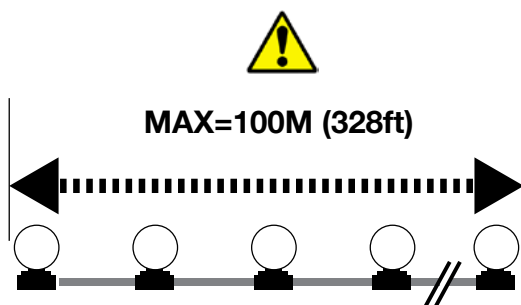
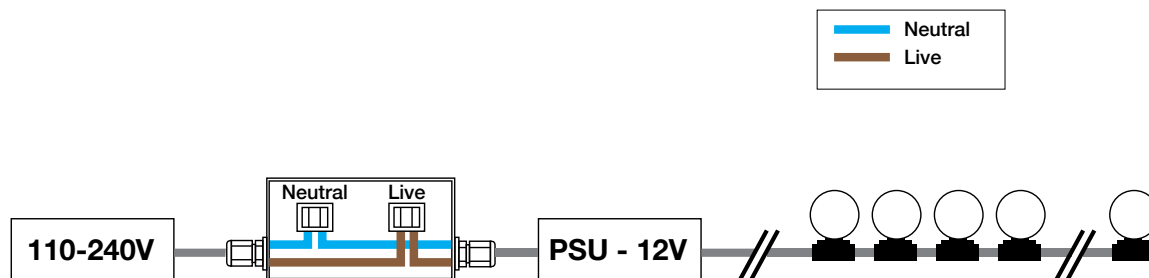


MaxiLED Lighting

Unit 2, Farrington Place, Rossendale Road Ind. Est. Burnley, Lancashire. UK. BB11 5TY
T: +44 (0)845 8732 601 E: sales@maxiledlighting.com Web: www.maxiledlighting.com



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.

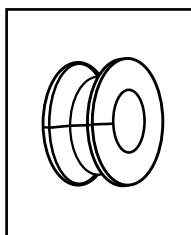
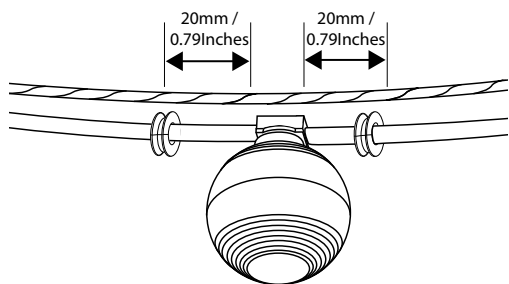




This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.
Failure to comply with the installation instructions can result in serious injury or death.



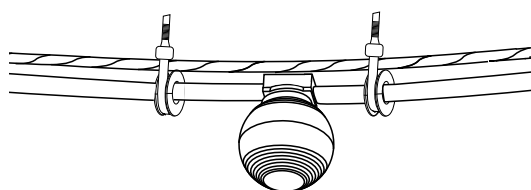
1 Place rubber grommets over MaxiLED Cable



(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.

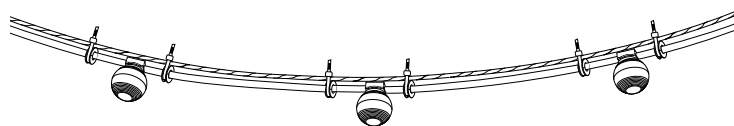
(b). Trim excess cable tie.

NOTE: GROMMET PLACED OVER MAXILED CABLE

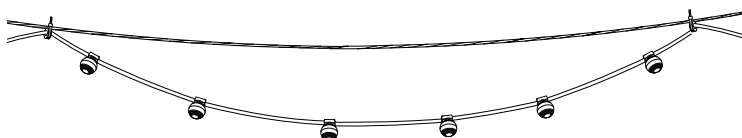
3 Repeat Procedure

(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.

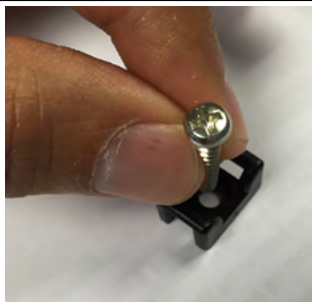
Failure to comply with the installation instructions can result in serious injury or death.



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.



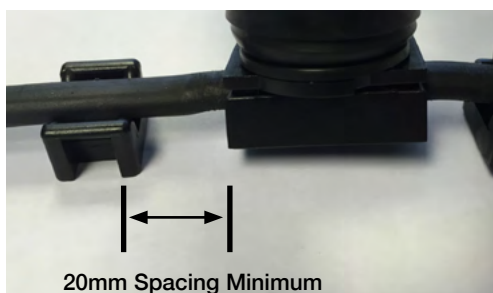
1 Fitting the Fixing Clip to the desired Surface



(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.



MaxiLED Large Globe Series Random Colour Change Order codes

Ordering

EXAMPLES: UKSLG-CC-CL-BC-I-1000-9000-100-50, ULSLG-CC-CL-WC-M-180-3000-100-30

PRODUCT CODE	LED COLOR	LENS	CABLE COLOR
UKSLG			
UKSLG CE MaxiLED Large Globe Series	CC Colour Change	CL Clear lens ML Matt lens	BC Black cable WC White cable
ULSLG USA MaxiLED Large Globe Series			

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 300	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 300)

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 300)

C) Divide answer A by answer B

MaxiLED Lighting