

MaxiLED
Lighting



MaxiLINK
ENABLED

Data over Power distribution
to the fixtures



2 Core
Data over Power



DMX RGBW
Controllable

MaxiLED Large Globe Series

DMX RGBW



KEY FEATURES

- DMX RGBW controllable
- IP68
- Multi chip Cree® LED
- 48VDC



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 controllable RGBW lighting. Each strand is built for permanent installations with rugged, injection-molded outer globes, heavy gauge wiring, and dependable CREE LEDs.

Specifications

DMX RGBW

Dimming

DMX512 Dimmable

(Data Over power):

YES

DMX 512 refresh rate:

44Hz

LED Options

(Cree XQE Led's)

RGBW:

YES

Electrical specification

Power input:

48VDC Data Over Power MaxiLINK system

LED Current:

100ma

Watts per unit:

2.4w

Max. Units per system

(1.5mm sq cable):

100 Units

Max distance from 1st to

last unit (1.5mm sq cable):

100m (328 ft)

Lumens RGBW (Frosted)

25 Lumens

Lumens RGBW (Clear)

80 Lumens

Lumen Maintenance 85%:

70,000Hrs

System Cable Distances

Max. cable 1.5mm sq from

MaxiLINK to 1st fitting:

15m (49 ft)

Max. cable 2.5mm sq from

MaxiLINK to 1st fitting:

75m (246 ft)

Protection

IP Rating:

IP68

Thermal Protection

cut out at 70°C:

YES

Operation Temperature:

-25 to +50

Globe

Globe lenses:

UV stabilized polycarbonate

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 inc. Seal and Clip):

54G (1.79 Ounce)

Weight cable CE(1Meter):

71G (2.50 Ounce)

Weight cable UL(1Meter):

56G (1.97 Ounce)

Listings:

UL / cUL, CE, BS EN60598, IEC 60598



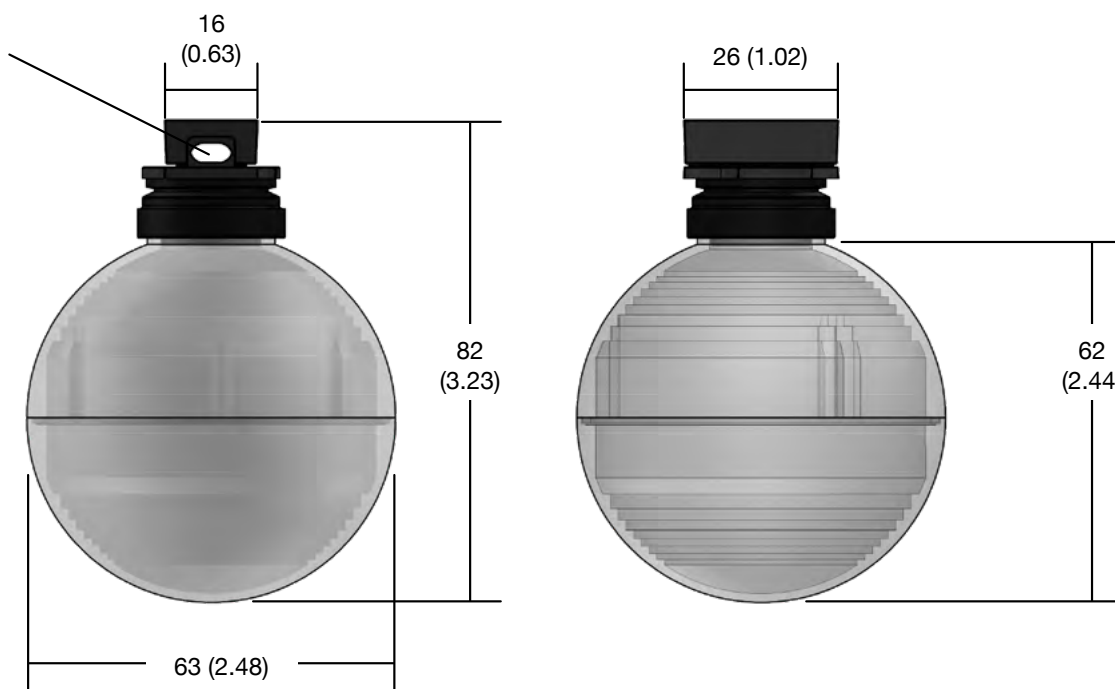
UK Designed and
Manufactured

MaxiLED Lighting

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T: +44 (01282) 448086 E: sales@maxiledlighting.com Web: www.maxiledlighting.com

MM (INCHES)

CABLE 6 (0.24) DIAMETER
(10 AWG)

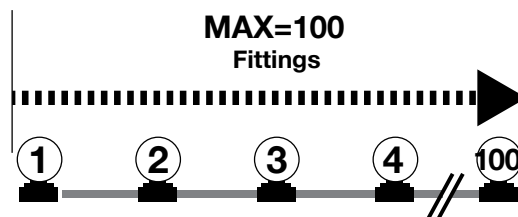
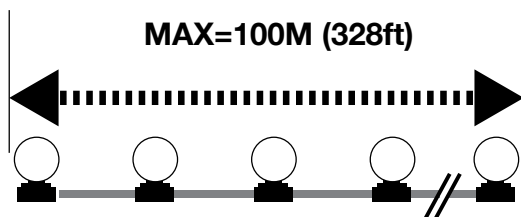
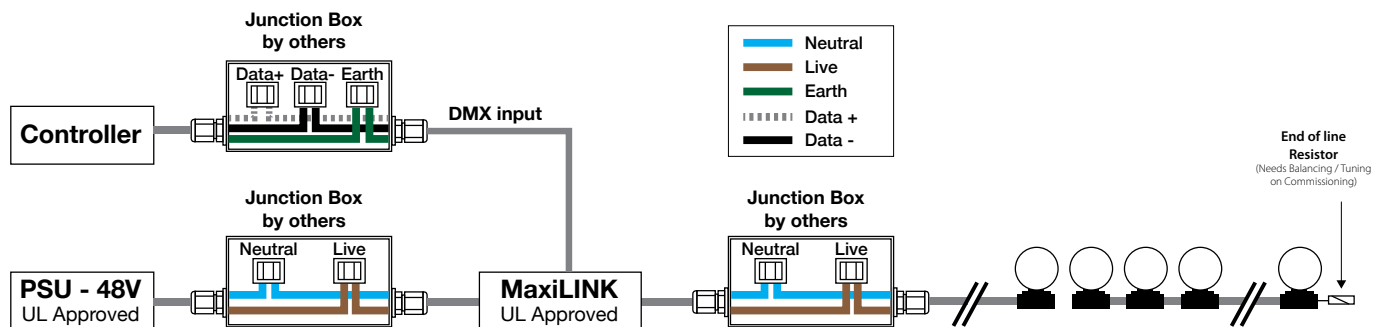


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This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.
Failure to comply with the installation instructions can result in serious injury or death.

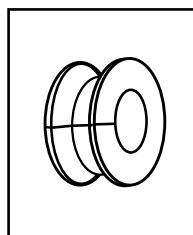
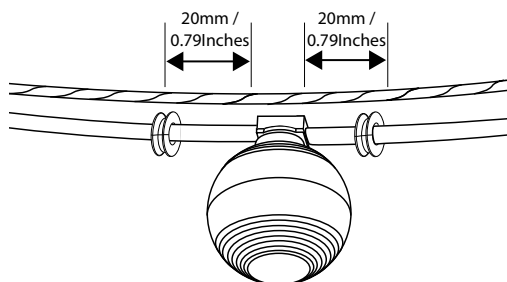




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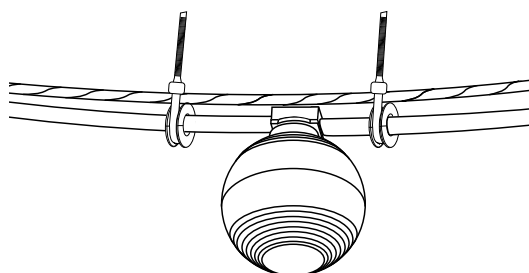
1 Place rubber grommets over MaxiLED Cable



(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.

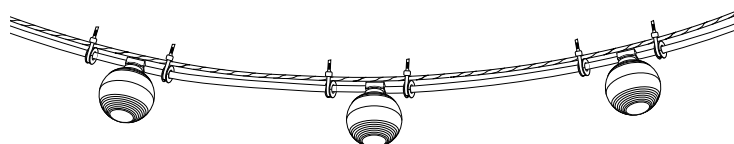
(b). Trim excess cable tie.

NOTE: GROMMET PLACED OVER MAXILED CABLE

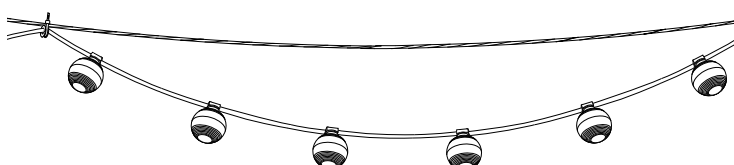
3 Repeat Procedure

(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.

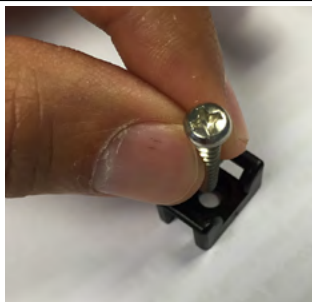
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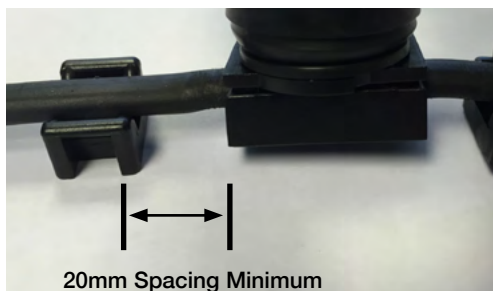
1 Fitting the Fixing Clip to the desired Surface



(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.



EXAMPLES: UKSLG-RGBW-CL-BC-M-2-100-0.5

EXAMPLES: ULSLG-RGBWW-ML-BC-I-6'-50-1'

EXAMPLES: ULSLG-RGBW-CL-BC-I-39"-100-24"

Ordering

PRODUCT CODE	LED COLOR	LENS	CABLE COLOR
UKSLG			
UKSLG CE MaxiLED Large Globe Series	RGBW RGBW(6000K)	CL Clear lens	BC Black cable
	RGBWW RGBWW(3000K)	ML Matt lens	WC White cable
ULSLG USA MaxiLED Large Globe Series			

MEASUREMENT UNITS	LENGTH OF STARTER CABLE	NUMBER OF GLOBES	GLOBE SPACING
M Metric units (m) I Imperial units (Feet' / Inch")	METERS OR INCH M = Meters ' = Feet " = Inch	1 TO 100	METERS OR INCH Assumes Globes are spaced at the same distance on the strand. For inconsistently spaced Globes on a strand, contact factory.

Ordering Definitions and Assistance

