

**MaxiLED**  
Lighting



# MaxiLANTERN

## DMX RGBW



Data over Power distribution  
to the fixtures



2 Core  
Data over Power



DMX RGBW  
Controllable

### KEY FEATURES

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



### Product Overview

MaxiLANTERN provide exceptionally long strands of Lantern LEDs that can be used as architectural features with controllable RGBW lighting. Each strand is built for permanent installations with rugged, injection-molded outer housing, 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 (6000K):

YES

RGBWW (3000K):

YES

#### Electrical specification

Power input:

48VDC Data Over Power MaxiLINK system

LED Current:

100ma

Watts per unit:

2.35w

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

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

#### Lantern

Material:

UV stabilized polycarbonate

#### Cable Colours

Black (Standard):

YES

White: (Minimum order):

YES (on request)

RAL (Minimum order):

YES (on request)

#### Dimensions & Weights

Diameter (mm):

47.1 mm (1.85 ins)

Height (mm):

110 mm (4.3 ins)

Weight:

80G (2.8 Ounce)

Listings:

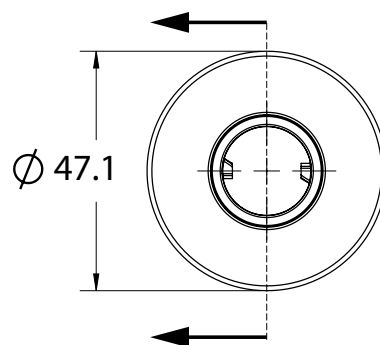
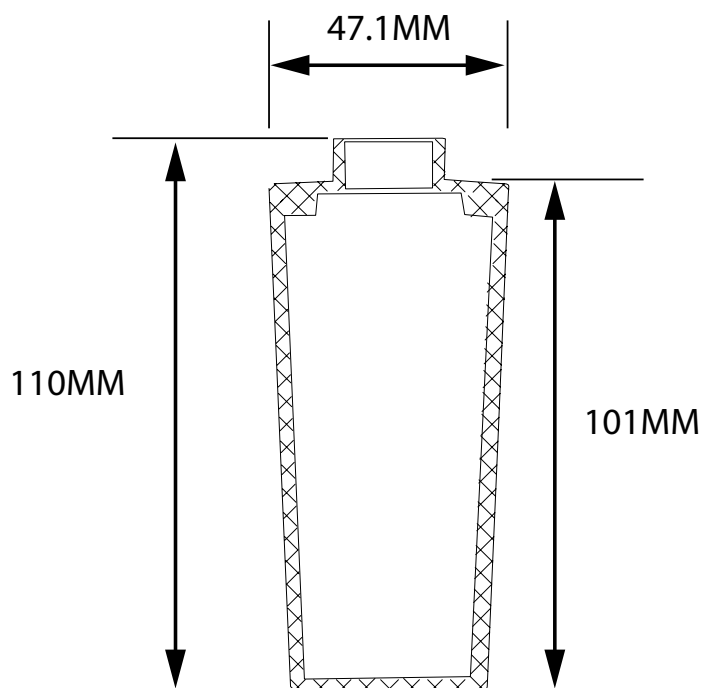
CE



UK Designed and  
Manufactured

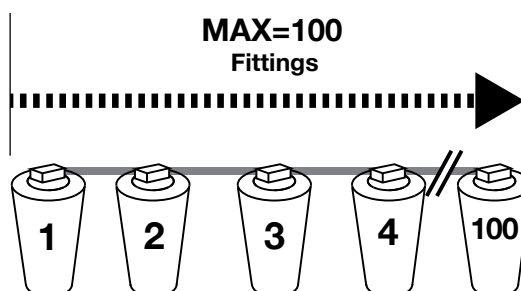
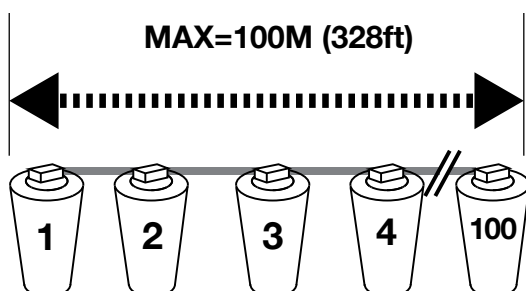
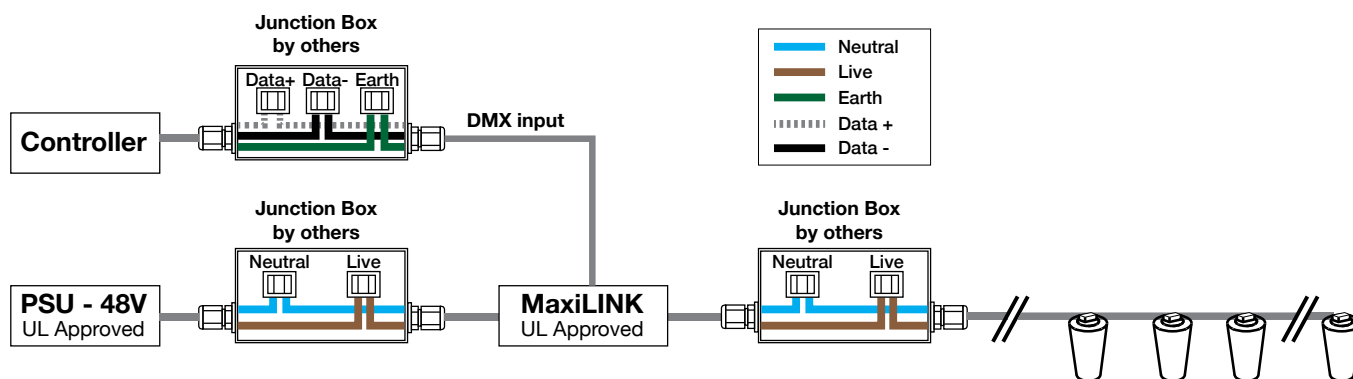
MaxiLED Lighting

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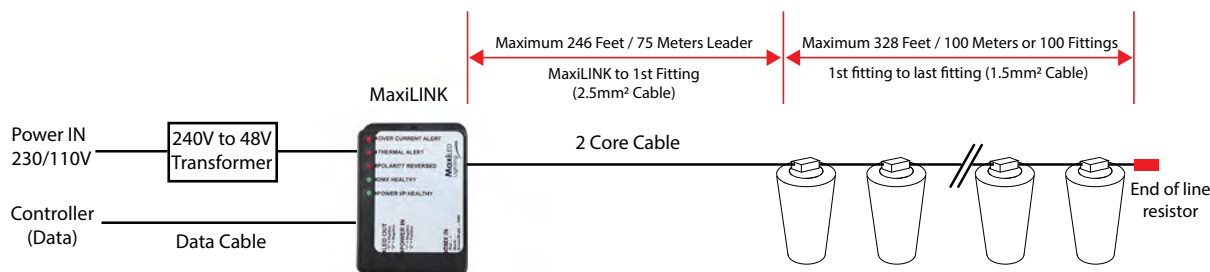




This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.  
Failure to comply with the installation instructions can result in serious injury or death.



## MaxiLANTERN DMX RGBW Wiring example



Product		LED	Lantern	Cable colour	Other
MaxiLANTERN	<b>MLAN</b>	<b>RGBW(6000K)</b>	Matt	Black (Standard unless stated) <b>CB</b>	End of line resistor <b>ELR</b>
		<b>RGBWW(3000K)</b>		White <b>CW</b>	
				RAL <b>CRAL</b>	
<b>EXAMPLE:</b>	<b>MLAN</b>	<b>RGBW</b>	<b>ML</b>	<b>CB</b>	<b>ELR</b>