

**MaxiLED**  
Lighting



Data over Power distribution  
to the fixtures



2 Core  
Data over Power



DMX RGBW  
Controllable

# MaxiCrystal

## DMX RGBW controllable



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### DMX RGBW - Datasheet

#### KEY FEATURES

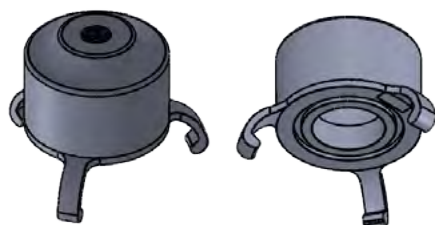
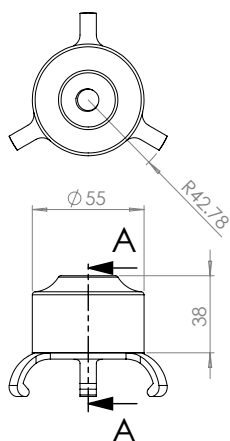
- 512 DMX RGBW Controllable
- Multi chip Cree® LED
- 48VAC Data over Power 2 wire system
- Clear Glass Crystal Prism

#### Product Overview

Our MaxiCrystal provides a luxurious lighting solution for atrium or foyer. Manufactured from quality materials and incorporating our Patented 2 wire data over power technology, giving full DMX 512 control down the 2 power wires makes it the simplest to install and most cost effective product of its type in the market place today.



MaxiCrystal



#### Specifications

#### Crystal

##### Dimming

DMX512 Dimmable (Data Over power):	YES
DMX 512 refresh rate:	44hz

##### LED Options

(Cree XQE Led's)	
RGBWW (2700K):	YES
RGBCW (6500K):	YES
2700k:	YES
3500k:	YES
6500k:	YES
Intelligent white 2700k-6000K:	YES

##### Prism

Clear glass crystal diamond prism :	YES
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##### Electrical specification

Power input:	48VAC Data Over Power MaxiLINK system
LED Current:	200ma
Watts per unit:	4.8w
Max. Units per system	
14 AWG (1.5mm sq) cable:	30
Max distance from 1st to last unit 14 AWG(1.5mm sq) cable:	100m
Lumens RGBWW	
Clear Glass (Full On) Est.:	130
Lumens Intelligent white (Full On) Est.:	220
Lumen Maintenance 85%:	90,000Hrs

##### System Cable Distances

Max. 14 AWG (1.5mm sq) cable from MaxiLINK to 1st fitting:	15m
Max.10 AWG (2.5mm sq) cable from MaxiLINK to 1st fitting:	75m

##### Protection

Thermal Protection cut out at 70°C:	YES
Operation Temperature:	-25 to +50

##### Finishes

Silver Anodised:	YES
Black Anodised:	YES
RAL Powder Coat:	YES

##### Cable Colour

Black:	YES
White:	YES
Clear:	YES

##### Listings:

CE

##### Dimensions & Weights

Diameter (mm):	75
Depth (mm):	60
Weight KG:	0.5KG



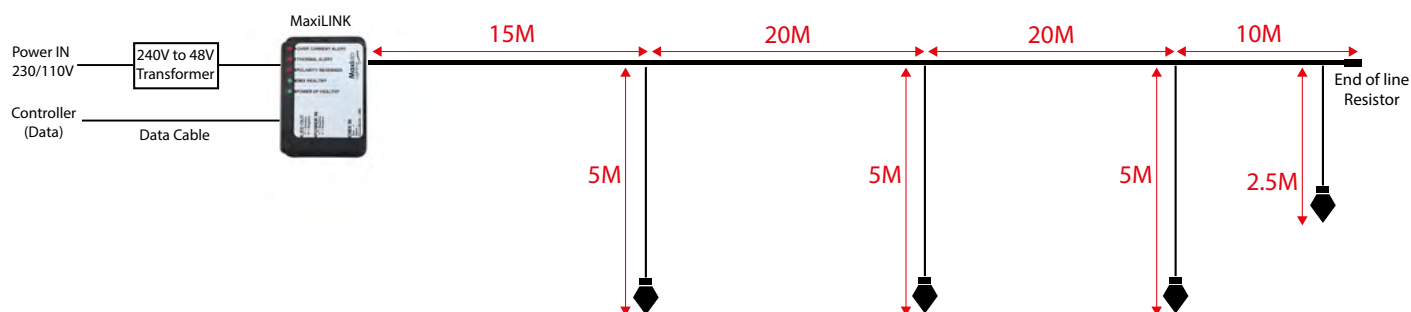
UK Designed and  
Manufactured

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.



**Run Length:**  $15M + 20M + 20M + 20M + 10M = 65M$

**Drop Length:**  $(5M \times 2) + (5M \times 2) + (5M \times 2) + (2.5M \times 2) = 35M$

**Total Length:** 100M



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## DMX RGBW - Order Codes

Product		LED	Wiring Colour		Finish		USA/Rest of World	
MaxiCrystal	MCRY	RGBWW (2700K)	Black	BLK	Aluminium Anodized Black	AB	USA	UL
		RGBCW (6500K)	White	WHT	Aluminium Anodized Silver	AS	Rest of World	ROW
		IW	Clear	CLR	RAL(Colour)	RAL		
		2700						
		3500						
		6500						
EXAMPLE:	MCRY-	RGBWW-	CLR-		AS-		ROW	

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