

MaxiLED
Lighting



MaxiSEAL



Data over Power distribution
to the fixtures



2 Core
Data over Power



DMX RGBW
Controllable

MaxiPUNCH Series

102 / 302 DMX controllable



KEY FEATURES

- 512 DMX RGBW Controllable
- IP68 (Depth 1 Meter)
- Multi chip Cree® LED
- 48VAC Data over Power 2 wire system
- Optics available 15°, 25°, 40°, 90° (no optic)

Product Overview

Our Facade MaxiPUNCH fitting is available in 2 different sizes delivering different light outputs, available in clear lens makes the MaxiPUNCH family of fittings a perfect solution for most facade applications. 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.



MaxiPUNCH 102



UK Designed and
Manufactured

Specifications	102	302
Dimming		
DMX512 Dimmable		
(Data Over power):	YES	YES
DMX 512 refresh rate:	44hz	44hz
LED Options		
(Cree XQE Led's)		
RGBW:	YES	YES
Intelligent white 2700k-6000K:	YES	YES
Beam Angles		
15/25/40/90 (no optic)	YES	YES
Toughened Clear Glass Lens:	YES	YES
Electrical specification		
Power input:	48VAC Data Over Power MaxiLINK system	
LED Current:	200ma	200ma
Watts per unit:	4.8w	14.4w
Max. Units per system		
14 AWG (1.5mm sq) cable:	50	16
Max distance from 1st to last unit 14 AWG(1.5mm sq) cable:	100m	100m
Lumens RGBW		
Clear Glass (Full On):	150	450
Red lumen (lm):	25	76
Green lumen (lm):	61	61
Blue lumen (lm):	9	27
White lumen (lm):	57	171
Lumens Intelligent white (Full On):	250	750
Lumen Maintenance 85%:	90,000Hrs	90,000Hrs
System Cable Distances		
Max. 14 AWG (1.5mm sq) cable from MaxiLINK to 1st fitting:	15m	15m
Max.10 AWG (2.5mm sq) cable from MaxiLINK to 1st fitting:	75m	75m
Protection		
IP68 (Depth 1 Meter)	YES	YES
Thermal Protection cut out at 70°C:	YES	YES
Operation Temperature:	-25 to +50	-25 to +50
Finishes		
MaxiSEAL Black:	YES	YES
MaxiSEAL Silver:	YES	YES
Black Anodised:	YES	YES
Silver Anodised:	YES	YES
RAL Powder Coat:	YES	YES
Fitting Options		
Adjustable wall bracket:	YES	YES
Adjustable spike:	YES	YES
Listings:		
UL LISTED, CE, UKCA		
Dimensions & Weights		
Diameter (mm):	60	125
Depth (mm):	85	85
Weight KG:	0.4KG	1KG

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.



1 Adjustable Wall bracket options



Adjustable Wall bracket

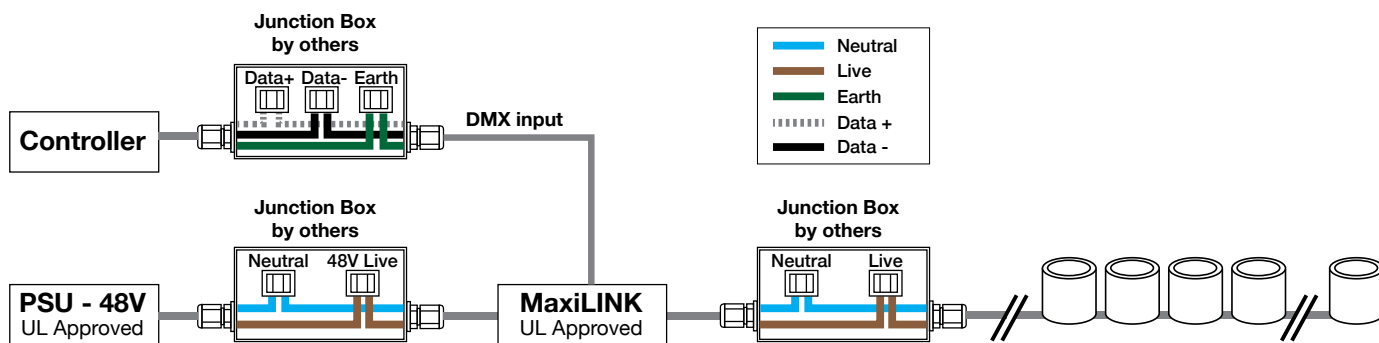
2 Adjustable spike option



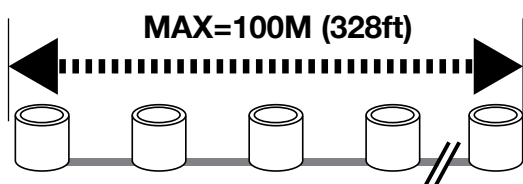
Adjustable spike



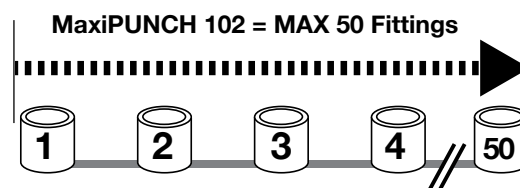
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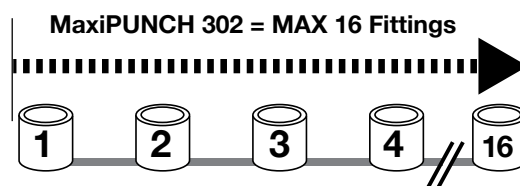
MaxiPUNCH 102 / 302 Maximum run distance



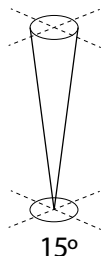
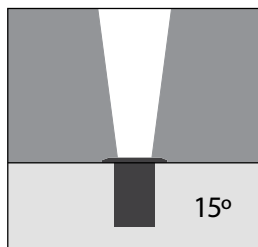
102 Maximum Run length



302 Maximum Run length



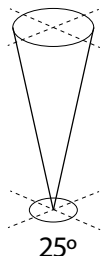
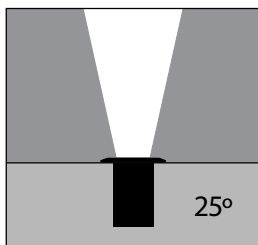
15° Narrow Beam



15° Narrow Spot

To highlight a small statue, signs or garden features.

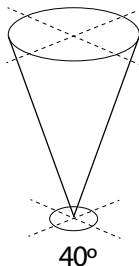
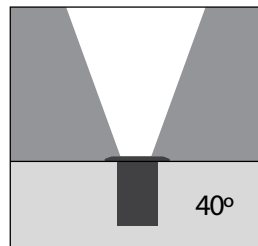
25° Narrow Beam



25° Narrow Beam

Broad range of applications,
Trees and wall details and highlights.

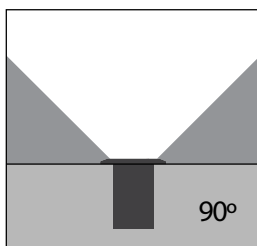
40° Wide Beam



40° Flood Beam

This true "floodlight" has wide variety of applications

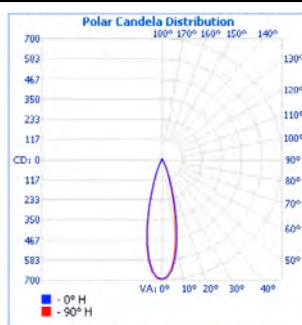
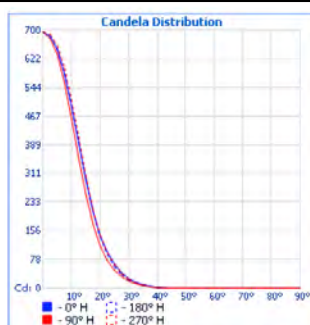
90° Flood



90° Wide Flood Beam

This wide "floodlight" has wide variety of applications

RGBW 40° - Test performed on a single MaxiPUNCH 102 with clear lens and full RGBW on

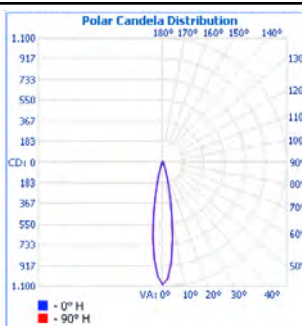
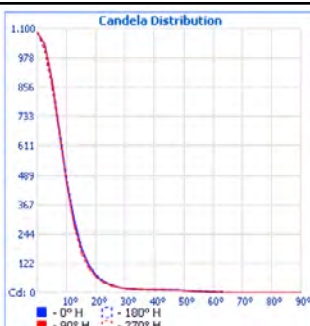


Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
1.0M	694.7 LUX	0.5 M 0.5 M
2.0M	173.7 LUX	1.0 M 0.9 M
3.0M	77.2 LUX	1.5 M 1.4 M
4.0M	43.4 LUX	1.9 M 1.9 M
5.0M	27.8 LUX	2.4 M 2.4 M
6.0M	19.3 LUX	2.9 M 2.8 M

■ Vert. Spread: 27.4°
■ Horiz. Spread: 26.6°

RGBW 25° - Test performed on a single MaxiPUNCH 102 with clear lens and full RGBW on

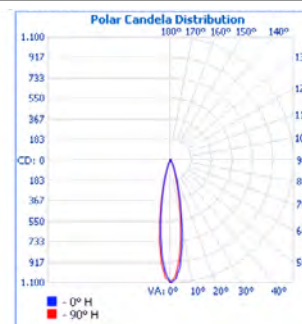
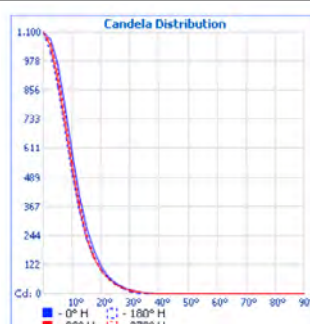


Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
1.0M	1,084.6 LUX	0.3 M 0.3 M
2.0M	271.2 LUX	0.6 M 0.6 M
3.0M	120.5 LUX	1.0 M 0.9 M
4.0M	67.8 LUX	1.3 M 1.3 M
5.0M	43.4 LUX	1.6 M 1.6 M
6.0M	30.1 LUX	1.9 M 1.9 M

■ Vert. Spread: 18.1°
■ Horiz. Spread: 17.9°

RGBW 15° - Test performed on a single MaxiPUNCH 102 with clear lens and full RGBW on

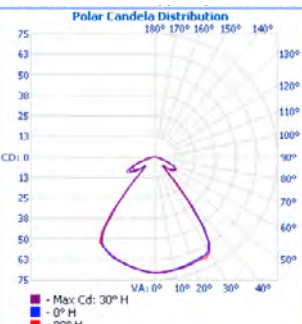
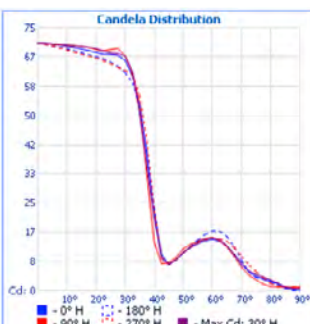


Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
1.0M	1,099.7 LUX	0.4 M 0.3 M
2.0M	274.9 LUX	0.7 M 0.7 M
3.0M	122.2 LUX	1.1 M 1.0 M
4.0M	68.7 LUX	1.4 M 1.4 M
5.0M	44.0 LUX	1.8 M 1.7 M
6.0M	30.5 LUX	2.1 M 2.1 M

■ Vert. Spread: 19.9°
■ Horiz. Spread: 19.7°

RGBW No optics - Test performed on a single MaxiPUNCH 102 with clear lens and full RGBW on

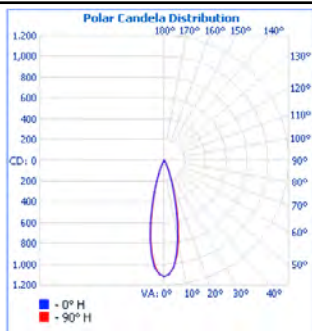
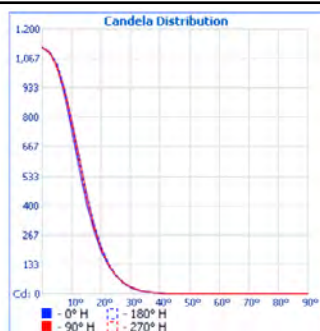


Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
1.0M	70.51 LUX	1.6 M 1.5 M
2.0M	17.63 LUX	3.1 M 3.1 M
3.0M	7.83 LUX	4.7 M 4.6 M
4.0M	4.41 LUX	6.3 M 6.2 M
5.0M	2.82 LUX	7.8 M 7.7 M
6.0M	1.96 LUX	9.4 M 9.3 M

■ Vert. Spread: 76.1°
■ Horiz. Spread: 75.5°

Intelligent white 40° - Test performed on a single MaxiPUNCH 102 with clear lens and full LED on

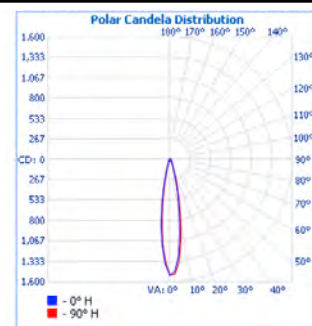
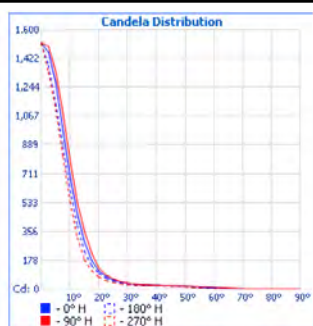


Illuminance at a Distance

	Center Beam LUX	Beam Width	
1.0M	1,116.6 LUX	0.5 M	0.5 M
2.0M	279.2 LUX	0.9 M	0.9 M
3.0M	124.1 LUX	1.4 M	1.4 M
4.0M	69.8 LUX	1.9 M	1.9 M
5.0M	44.7 LUX	2.3 M	2.3 M
6.0M	31.0 LUX	2.8 M	2.8 M

■ Vert. Spread: 26.1°
■ Horiz. Spread: 26.4°

Intelligent white 25° - Test performed on a single MaxiPUNCH 102 with clear lens and full LED on

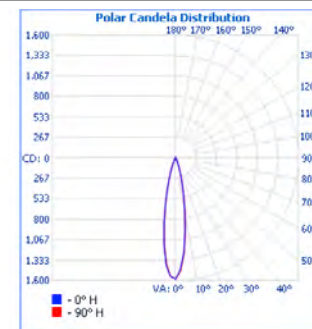
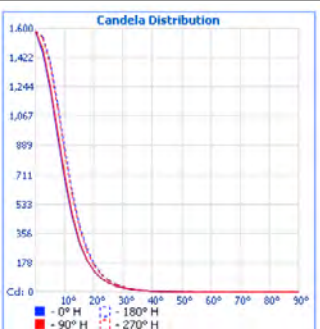


Illuminance at a Distance

	Center Beam LUX	Beam Width	
1.0M	1,518.9 LUX	0.3 M	0.3 M
2.0M	379.7 LUX	0.6 M	0.6 M
3.0M	168.8 LUX	1.0 M	1.0 M
4.0M	94.9 LUX	1.3 M	1.3 M
5.0M	60.8 LUX	1.6 M	1.6 M
6.0M	42.2 LUX	1.9 M	1.9 M

■ Vert. Spread: 18.1°
■ Horiz. Spread: 18.4°

Intelligent white 15° - Test performed on a single MaxiPUNCH 102 with clear lens and full LED on

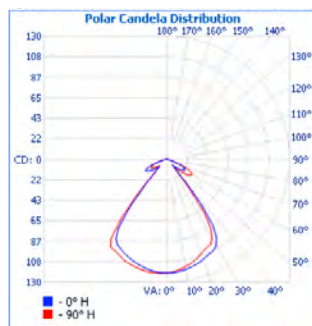
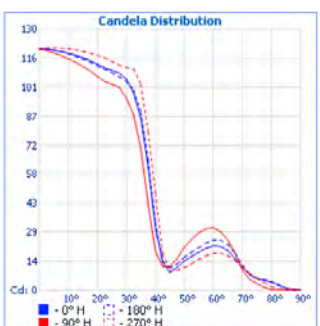


Illuminance at a Distance

	Center Beam LUX	Beam Width	
1.0M	1,583.9 LUX	0.3 M	0.3 M
2.0M	396.0 LUX	0.7 M	0.7 M
3.0M	176.0 LUX	1.0 M	1.0 M
4.0M	99.0 LUX	1.4 M	1.4 M
5.0M	63.4 LUX	1.7 M	1.7 M
6.0M	44.0 LUX	2.1 M	2.1 M

■ Vert. Spread: 19.7°
■ Horiz. Spread: 19.7°

Intelligent white No optics - Test performed on a single MaxiPUNCH 102 with clear lens and full LED on



Illuminance at a Distance

	Center Beam LUX	Beam Width	
1.0M	120.29 LUX	1.5 M	1.5 M
2.0M	30.07 LUX	3.1 M	3.1 M
3.0M	13.37 LUX	4.6 M	4.6 M
4.0M	7.52 LUX	6.2 M	6.1 M
5.0M	4.81 LUX	7.7 M	7.7 M
6.0M	3.34 LUX	9.3 M	9.2 M

■ Vert. Spread: 75.3°
■ Horiz. Spread: 74.9°

Product		LED	Optic		Housing		Finish		USA/Rest of World	
MaxiPUNCH 102	MP102	RGBWW (2700K)	15°	15	Adjustable Spike	AS	Aluminium Anodized Black	AB	USA	UL
MaxiPUNCH 302	MP302	RGBCW (6500K)	25°	25	Adjustable wall bracket	AWB	Aluminium Anodized Silver	AS	Rest of World	ROW
		IW	40°	40			MaxiSEAL Black	MSB		
		2700	90°	90			MaxiSEAL Silver	MSS		
		3500	Frosted	F			RAL(Colour)	RAL		
		6500	Clear	C			Stainless Steel	SS		
EXAMPLE:		MP102	2700		15		AWB		MSB	UL