

# ArcSource Outdoor 4MC Pixel<sup>tm</sup>



Client: \_\_\_\_\_

Project: \_\_\_\_\_

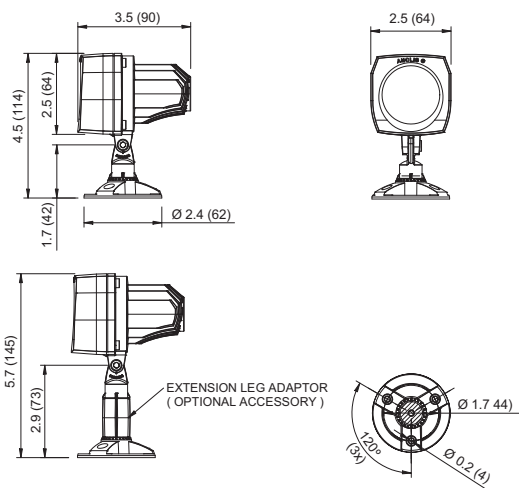
Specifier: \_\_\_\_\_

Type: \_\_\_\_\_ Qty: \_\_\_\_\_



**FEATURES:**

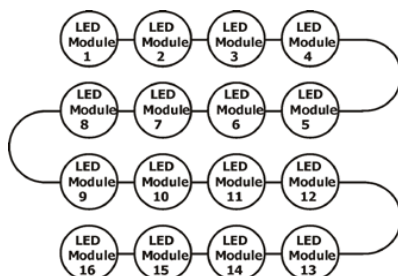
- Input Voltage: 48v Dc Via ArcPixel Power
- Typical Power consumption: 5.5W
- Light Source: 1 x 15W MC LED
- Delivered Lumen: TBC
- Projected LED Life: 50,000 Hrs
- Control: DMX Controller
- Housing: Cast Aluminium and Glass Cover
- Fixing Method: Mounting Plate + Land spike
- IP Rating: IP65
- Operating Ambient Temp: -20°C/+45°C [ -4°F/+113°F ]
- Certification: ETL / cETL , CE, RoHS
- 5 Year Warranty



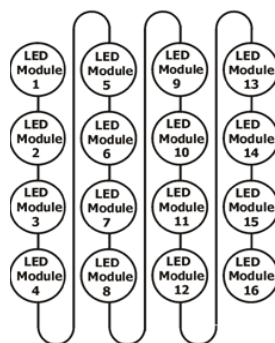
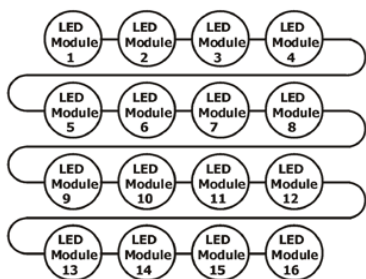
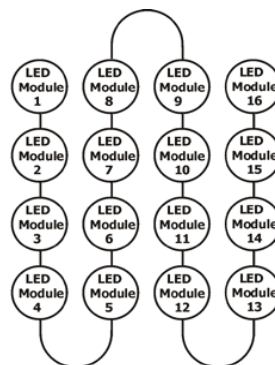
## Connection Scheme:

Use the following way for connecting of the ArcPix Outdoor 4 MC only (examples for matrix of 4x4):

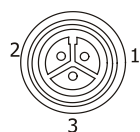
Horizontal sorting



Vertical sorting



### 3. Wiring of the ArcPix Outdoor 4 MC connector Chogori CGRBB-03BMMMA-SL8001 (male)



- 1 GND (blue wire)
- 2 +48V (red wire)
- 3 Data (orange wire)

## Accessories:

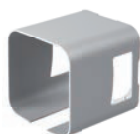
Land Spike 1 ASD4MC 500mm  
 Land Spike 2 ASD4MC 500mm  
 Land Spike 3 ASD4MC 500mm  
 Land Spike 1 ASD4MC 100mm  
 Land Spike 2 ASD4MC 100mm



Floor Stand for Land Spike



10cm Adaptor Stand



Top Hat



Half Top Hat



Pipe Clamp Fits 1/2in Pipe



Connector CGRBB-03BMMA-SL8001 Male



Connector CGRBB-03BFFA-SL8001 Female



Connector T - CGRBA (3 Pin)



Terminator Active for ArcDot



Terminator Passive for ArcDot

Cable Connection ArcDot 1m  
 Cable Connection ArcDot 5m  
 Cable Connection ArcDot 10m  
 other lengths on request



## Product Specification:

Electrical	Input Voltage		48V DC
	Typical Power Consumption		5.5W
Optical	Light Source		1 x 15W Multi-Chip LED
		RGBCW	CW - 6300K
		SW	2700K-7100K
		PW	6300K
	LED Channels		Red, Green, Blue, White, Pure White, Smart White
Beam Angle		7°, 24°, 34°, 42° x 7°, 7° x 42°	
Projected Lumen Maintenance		50,000 hrs ( L70@ 25°C / 77°F)	
Control	Wireless DMX (Optional Accessory)		N/A
Physical	Control System		ArcPixel Power
	Power Supply		ArcPixel Power
	Width x Height x Depth	Inches	2.52 x 4.49 (5.71) x 3.54
		mm	64 x 114 (145) x 90
	Weight	lbs	1.37
		kg	0.62
	Housing		High Pressure Die-Cast Aluminium Body Tempered Glass
	Fixture Cable and Connections		Li9Y11Y, 2xAWG16+1XAWG 20
	Fixing Method		Mounting Plate (3 Fixing Holes) Spike Option
	Adjustability		+/-60° (+80° -90° with Adaptor Plate)
	IP Rating		IP65
IK Rating		IK**	
Cooling System		Convection	
Operating Ambient Temperature		-20°C / +45°C (-4°F / +113°F)	
Operating Temperature		+75°C @ Ambient +50°C (+167°F @ Ambient +122°F)	
Certification	Listings		ETL / cETL, CE, RoHS

Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Allen Key (Included)
	Adaptor Stand (included)
	Screw M5x45 (Included)
	Land Spike Single (100mm)
	Land Spike Twin (100mm)
	Land Spike Single (500mm)
	Land Spike Twin (500mm)
	Land Spike Triple (500mm)
	Connector Chogori CGRBDU-08BFFA (Female) IP68
	Connector Chogori T Piece
	Connector Waterproof Cap (Male)
	Cable Chogori (Female) - Chogori (Male) 3m <i>other lengths on request</i>
	Terminator Active for ArcDot
	Terminator Passive for ArcDot



## Land Spike Connection:

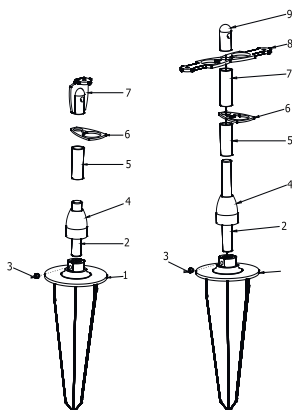
### 8. Installing the ArcSource Outdoor 4 MC onto a land spike

Land spike 1 ASO 4 MC 100mm / Land spike 2 ASO 4 MC 100mm

1. Hammer the sharp part (1) of the land spike into ground (hammer the centre of the sharp part, not the edge).
2. Screw the threaded bar (2) into the sharp part (1) and secure it with the socket head M5x5 (3).
3. Put the cover (4) on the threaded bar (2).
4. Put the pipe 36.5 mm (5) on the threaded bar (2).
5. Put the cable holder (6) on the threaded bar (2).

- Land spike 1 ASO 4 MC 100mm only.
6. Screw the nut (7) on the threaded bar (2).
  7. Screw the ArcSource Outdoor 4 MC on the nut (7). (Use the socket head M5x14 from the ArcSource Outdoor 4 MC to screw it to the nut (7)).
  8. Pass the cable through the cable holder (6).

- Land spike 2 ASO 4 MC 100mm only.
6. Put the pipe 42 mm (6) on the threaded bar (2).
  7. Put the ArcSource holder (8) on the threaded bar (2).
  8. Screw the nut (9) on the threaded bar (2).
  9. Screw both ArcSource Outdoor 4 MC on the ArcSources holder (8). (Use the socket heads M5x14 from the ArcSource Outdoors 4 MC to screw them to the holder (8)).
  10. Pass the cable through the cable holder (6).

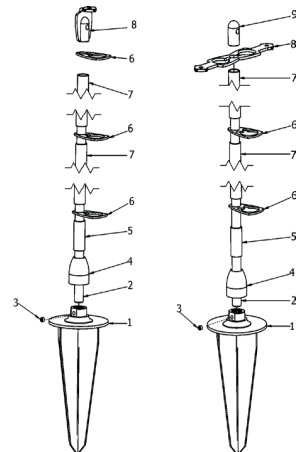


Land spike 1 ASO 4 MC 500mm / Land spike 2 ASO 4 MC 500mm

1. Hammer the sharp part (1) of the land spike into ground (hammer the centre of the sharp part, not the edge).
2. Screw the threaded bar (2) into the sharp part (1) and secure it with the socket head M5x5 (3).
3. Put the cover (4) on the threaded bar (2).
4. Put the pipe 36.5mm (5) on the threaded bar (2).
5. Put the cable holder (6) on the threaded bar (2).
6. Put the pipe 198mm (7) on the threaded bar (2).
7. Put the cable holder (6) on the threaded bar (2).
8. Put the pipe 198mm (7) on the threaded bar (2).

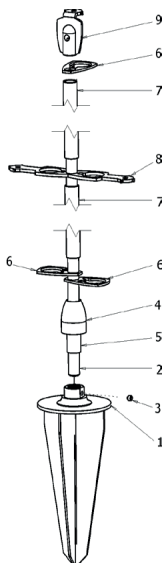
- Land spike 1 ASO 4 MC 500mm only:
9. Put the cable holder (6) on the threaded bar (2).
  10. Screw the nut (8) on the threaded bar (2).
  11. Screw the ArcSource Outdoor 4 MC on the nut (8). (Use the socket head M5x14 from the ArcSource Outdoor 4 MC to screw it to the nut (7)).
  12. Pass the cable through the cable holders (6).

- Land spike 2 ASO 4 MC 500mm only:
9. Put the ArcSources holder (8) on the threaded bar (2).
  10. Screw the nut (9) on the threaded bar (2).
  11. Screw both ArcSource Outdoor 4 MC on the ArcSources holder (8). (Use the socket head M5x14 from the ArcSource Outdoors 4 MC to screw them to the holder (8)).
  12. Pass the cable through the cable holders (6).



Land spike Land spike 3 ASO 4 MC 500mm

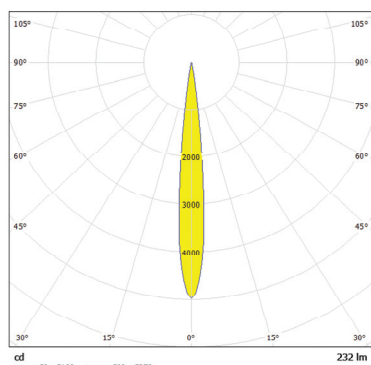
1. Hammer the sharp part (1) of the land spike into ground (hammer the centre of the sharp part, not the edge).
2. Screw the threaded bar (2) into the sharp part (1) and secure it with the socket head M5x5 (3).
3. Put the cover (4) on the threaded bar (2).
4. Put the pipe 36.5mm (5) on the threaded bar (2).
5. Put the cable holders (6) on the threaded bar (2).
6. Put the pipe 198mm (7) on the threaded bar (2).
7. Put the ArcSources holder (8) on the threaded bar (2).
8. Put the pipe 198mm (7) on the threaded bar (2).
9. Put the cable holder (6) on the threaded bar (2).
10. Screw the nut with holder (9) on the threaded bar (2).
11. Screw ArcSources Outdoor 4 MC on the ArcSources holders (8,9). (Use the socket head M5x14 from the ArcSource Outdoors 4 MC to screw them to the holder (8)).
12. Pass the cable through the cable holders (6).



## Photometric Data:

For foot Candles divide lux by 10.7

ArcSource Outdoor 4MC Pixel - 7°

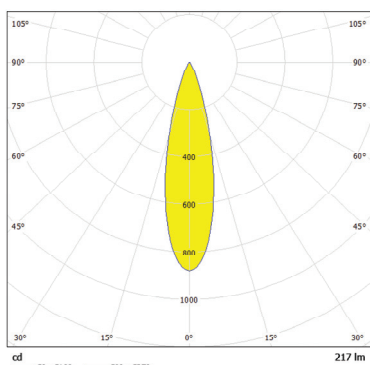


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.0°) E(C270)
0.5	0.10	10918 5.6°	9978 5.6°
1.0	0.20	4976 5.6°	2495 5.6°
1.5	0.29	2211 5.6°	1109 5.6°
2.0	0.39	1344 5.6°	624 5.6°
2.5	0.49	796 5.6°	399 5.6°
3.0	0.59	523 5.6°	277 5.6°

Distance [m]      Cone Diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half-value Angle: 11.2°)

Total Luminous Flux: 232lm

ArcSource Outdoor 4MC Pixel - 24°

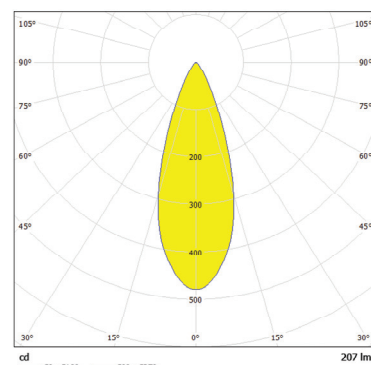


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.0°) E(C270)
0.5	0.23	3833 12.8°	1665 12.8°
1.0	0.45	878 12.8°	411 12.8°
1.5	0.68	390 12.8°	183 12.8°
2.0	0.91	220 12.8°	103 12.8°
2.5	1.14	140 12.8°	60 12.8°
3.0	1.36	98 12.8°	46 12.8°

Distance [m]      Cone Diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half-value Angle: 25.6°)

Total Luminous Flux: 217lm

ArcSource Outdoor 4MC Pixel - 34°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.0°) E(C270)
0.5	0.32	1064 18.0°	826 18.0°
1.0	0.65	479 18.0°	266 18.0°
1.5	0.97	213 18.0°	92 18.0°
2.0	1.30	120 18.0°	52 18.0°
2.5	1.62	77 18.0°	33 18.0°
3.0	1.95	53 18.0°	23 18.0°

Distance [m]      Cone Diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half-value Angle: 36.0°)

Total Luminous Flux: 207lm