

ARCSOURCE™ OUTDOOR 4MC

The ArcSource™ Outdoor 4MC is perfect for precision lighting of intricate building features and landscape scenarios thanks to its low voltage input. Using the latest technology in Multichip LEDs, the fixture is both functional and efficient - whilst the IP67 rating ensures it can handle the harshest of environments. With a wide range of accessories such as top hats and ground spikes this flexible product can be used for various lighting scenarios.



KEY FEATURES

Neat & discrete but powerful, white or colour changing, with a wide range of mounting options.

Lumen Output & Light Source

Max. 305 lm | 1 X 15W Multichip

Projected Lumen Maintenance

50,000 hrs (L70@25°C)

Power Consumption

Typ. 6W (350mA), 10W (700mA)

Physical (max WxHxD)

64 x 145 x 90 mm - 0.62kg | 2.52 x 5.71 x 3.54in. - 1.37lbs | Aluminium Body, Tempered Glass

CONTROL & PROTOCOLS



STANDARD & SPECIFICATION



2 Year Warranty

5 Year Warranty (Registered)

COLOURS



RGBW



RGBA



Pure White

COLOUR TEMPERATURES



3.000 K

FINISH OPTIONS



Graphite Black



Silver



Custom Paint Colour

OPTIC OPTIONS

SYMMETRICAL



7°



13°



20°



30°



40°



60°



90°

BI-SYMMETRICAL



7x30°



7x60°



10x90°



35x70°



30x7°



60x7°



90x10°

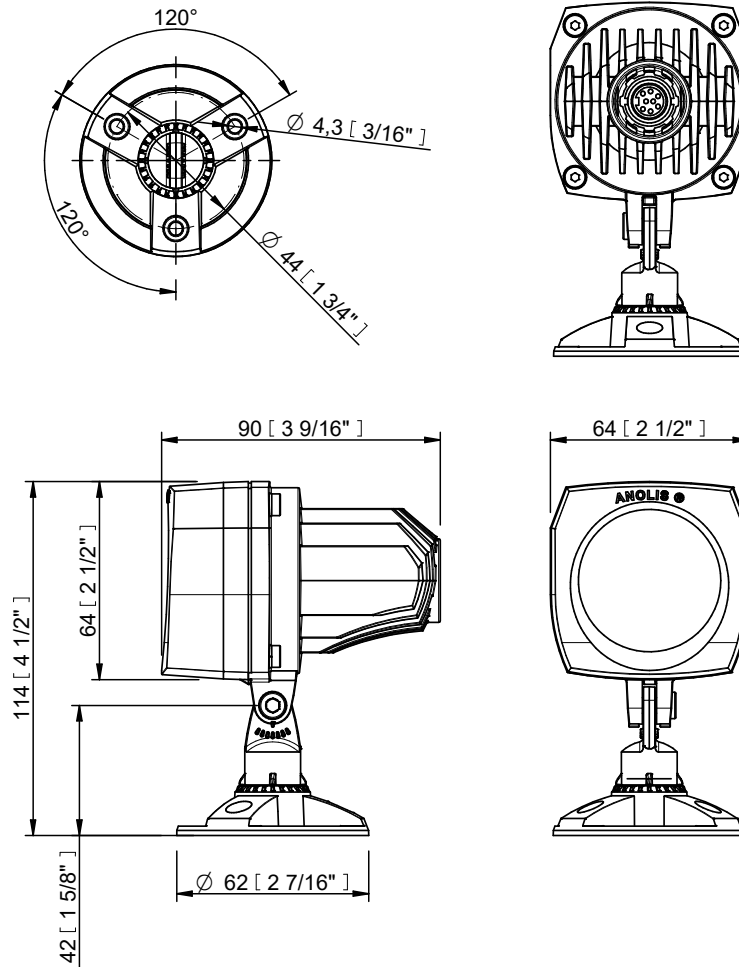


70x35°

ARCSource OUTDOOR 4MC SPECIFICATION

ELECTRICAL	Typical Power Consumption	6 W (@ 350 mA), 10 W (@ 700 mA)
	Max. Input Current	350 mA or 700 mA Per Channel
OPTICAL	Light Source	1 x 15 W Multichip LED
	Colour Variants	RGBW (W - 6500 K), RGBA, PW (W - 3000 K)
	Beam Angle	Symmetrical 7° 13° 20° 30° 40° 60° 90°
		Bi-symmetrical 7° x 30° 30° x 7° 7° x 60° 60° x 7° 35° x 70° 70° x 35° 10° x 90° 90° x 10°
	Lumen Output Delivered	305 lm (RGBW 7° W - 6500 K, all LEDs on full, 700 mA)
Projected Lumen Maintenance	50.000 hrs (L70 @ 25 °C / 77 °F)	
CONTROL	Display	No Display
	Power Supply	ArcPower range
PHYSICAL	Width x Height x Depth	64 x 114 (145) x 90 mm 2.52 x 4.49 (5.71) x 3.54 in.
	Weight	0.62 kg 1.37 lbs
	Housing	High Pressure Die-Cast Aluminium Body
		Tempered Glass
	Finish Options	Standard Colour - Graphite Black (RAL 9011), Silver (RAL 9006)
		Cost Option - Custom RAL
	Cables / Connections	LiYY 8 x AWG22 - 0.5 m Long (1.64 ft) - IP67 Connector
	Mounting Method	Mounting Plate, Land Spike (optional)
	Adjustability	+/- 60°, with Adaptor Stand +80°/ -90°
	Protection Factor	IP67 / Suitable For Wet Locations
	Cooling System	Convection
	Operating Ambient Temperature	-20 °C / +45 °C (-4 °F / +113 °F)
Operating Temperature	+75 °C @ Ambient +45 °C (+167 °F @ Ambient +113 °F)	
Total Heat Dissipation	140 BTU/h (calculated)	
CERTIFICATION	Listings	ETL / cETL, CE, RoHS
ACCESSORIES	Mounting	Adapter Stand 100 mm for ASO 4 MC
		Land Spike Single 100mm 500mm
		Land Spike Twin 100mm 500mm
		Land Spike Triple 500mm
		Pipe Clamp for ArcSource Outdoor 4MC, 1/2"
		Floor Stand for Land Spike, for ASO 4 MC
	Covers	Top Hat ArcSource Outdoor 4 MC
		Half Top Hat ArcSource Outdoor 4 MC
		Twin Wall Cover for ASO 4 MC, flat
	Cables	Extension cable CGR8-F/RJ45 (indoor)
		Extension cable CGR8 F/M (outdoor)
	Connectors	Connector Chogori 8-pin (Male, Female)
		T - Connector Chogori 8-pin
		Connector Waterproof Cap (Male, Female)
	Optical	Optical Demo Set for ArcSource Outdoor 4 MC

DIMENSIONS



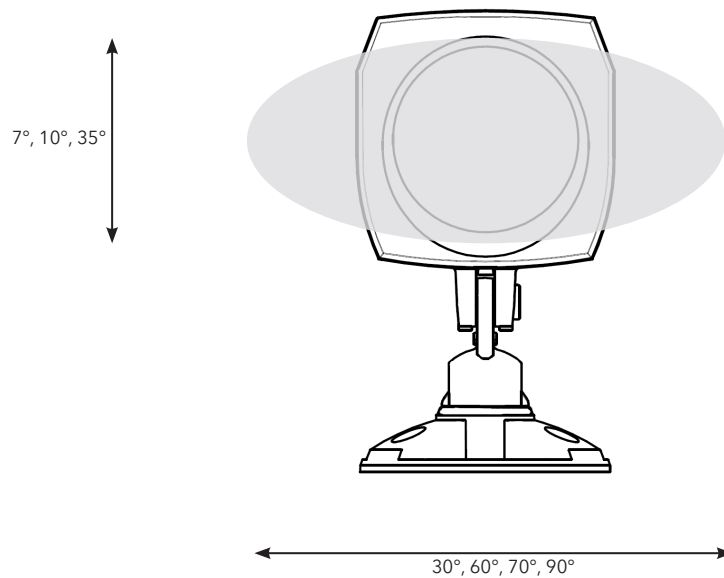
PHOTOMETRIC OVERVIEW

Lumen Output (lm)

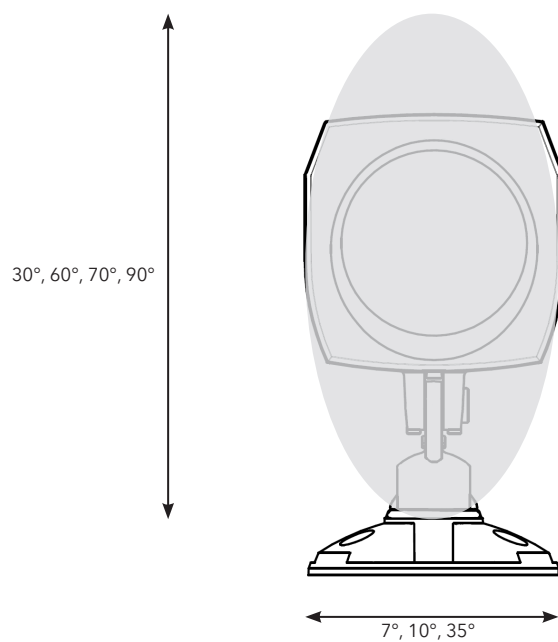
	RGBCW (W 6500 K)	RGBA	CW (6500 K)	WW (W 3000 K)	SW (W 5000 K)
7°	305	269	491	305	386
13°	305	269	491	305	386
20°	301	266	484	301	381
30°	300	265	483	300	380
40°	299	264	481	299	378
60°	298	263	479	298	377
90°	291	257	468	291	368
7° x 30°, 30° x 7°	293	259	471	293	371
7° x 60°, 60° x 7°	289	255	465	289	366
35° x 70°, 70° x 35°	292	258	470	292	370
10° x 90°, 90° x 10°	272	240	438	272	345

BI-SYMMETRICAL BEAM ANGLES

Bi-symmetrical: 7°x30°, 7°x60°, 35°x70°, 10°x90°

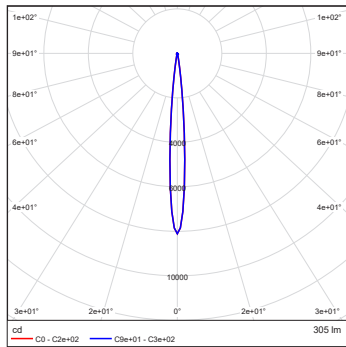


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°

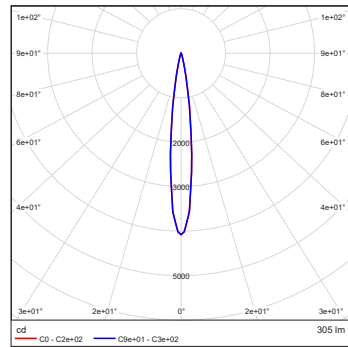


PHOTOMETRIC DATA

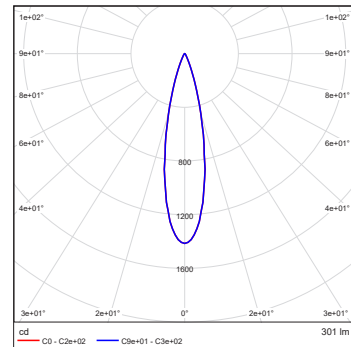
ArcSource Outdoor 4MC RGBCW 7dg



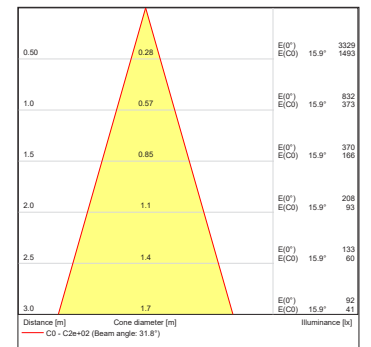
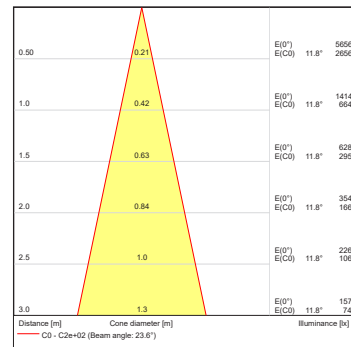
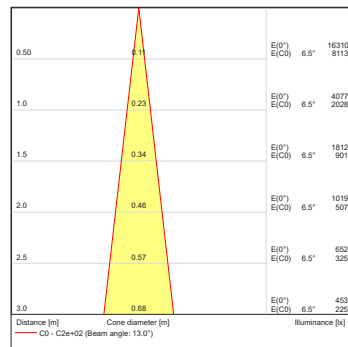
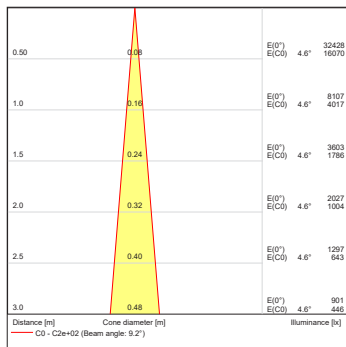
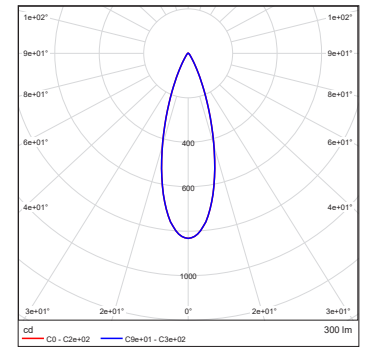
ArcSource Outdoor 4MC RGBCW 13dg



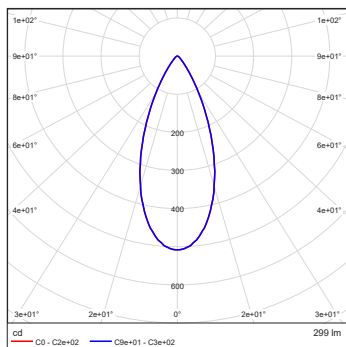
ArcSource Outdoor 4MC RGBCW 20dg



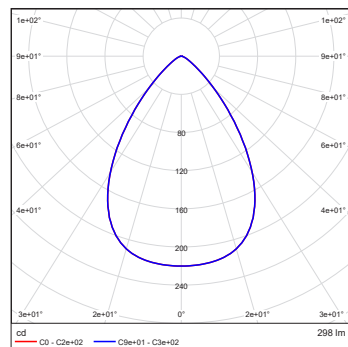
ArcSource Outdoor 4MC RGBCW 30dg



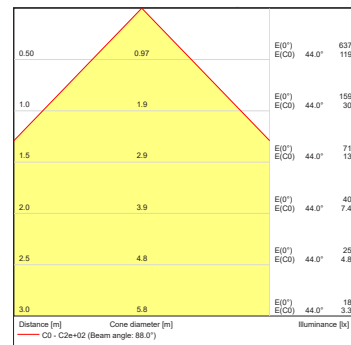
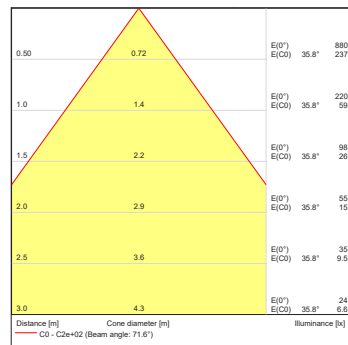
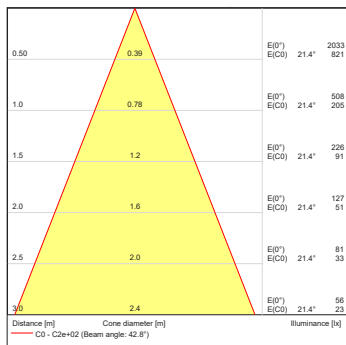
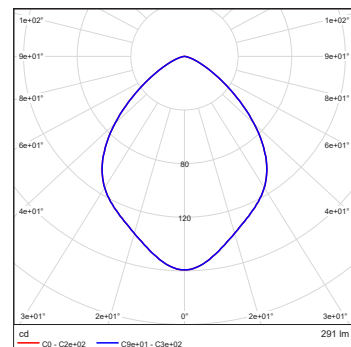
ArcSource Outdoor 4MC RGBCW 40dg



ArcSource Outdoor 4MC RGBCW 60dg

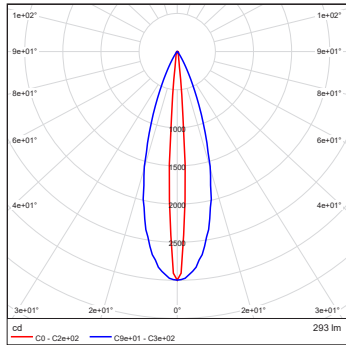


ArcSource Outdoor 4MC RGBCW 90dg



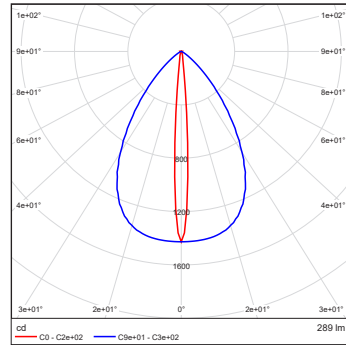
PHOTOMETRIC DATA

ArcSource Outdoor 4MC RGBCW
7dg x 30dg



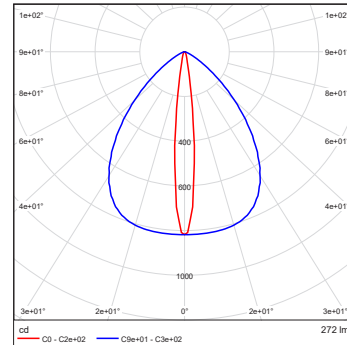
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.33	7.8°	32.8°	11989
1.0	0.58	7.8°	32.8°	2967
1.5	0.88	7.8°	32.8°	1332
2.0	1.2	7.8°	32.8°	749
2.5	1.5	7.8°	32.8°	480
3.0	1.8	7.8°	32.8°	333

ArcSource Outdoor 4MC RGBCW
7dg x 60dg



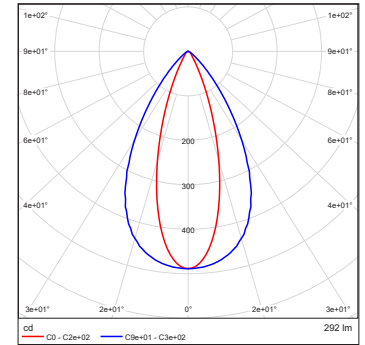
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.99	7.8°	69.4°	5705
1.0	1.4	7.8°	69.4°	1428
1.5	2.1	7.8°	69.4°	634
2.0	2.8	7.8°	69.4°	357
2.5	3.5	7.8°	69.4°	228
3.0	4.2	7.8°	69.4°	158

ArcSource Outdoor 4MC RGBCW
10dg x 90dg



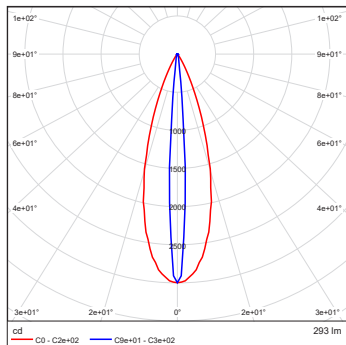
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.99	12.2°	83.8°	3272
1.0	1.8	12.2°	83.8°	818
1.5	2.7	12.2°	83.8°	364
2.0	3.6	12.2°	83.8°	208
2.5	4.5	12.2°	83.8°	131
3.0	5.4	12.2°	83.8°	91

ArcSource Outdoor 4MC RGBCW
35dg x 70dg



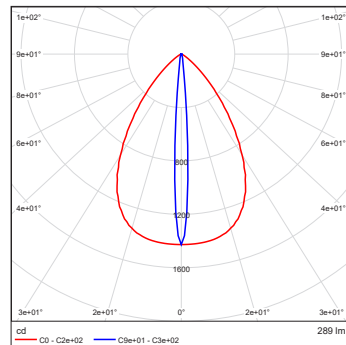
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.99	32.2°	60.8°	1954
1.0	1.2	32.2°	60.8°	489
1.5	1.8	32.2°	60.8°	217
2.0	2.3	32.2°	60.8°	122
2.5	2.9	32.2°	60.8°	78
3.0	3.5	32.2°	60.8°	54

ArcSource Outdoor 4MC RGBCW
30dg x 7dg



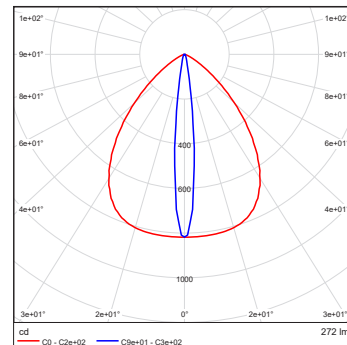
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
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1.0	0.58	7.8°	32.8°	2967
1.5	0.88	7.8°	32.8°	1332
2.0	1.2	7.8°	32.8°	749
2.5	1.5	7.8°	32.8°	480
3.0	1.8	7.8°	32.8°	333

ArcSource Outdoor 4MC RGBCW
60dg x 7dg



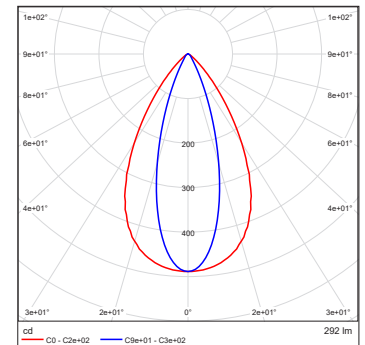
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
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1.0	1.4	7.8°	69.4°	1428
1.5	2.1	7.8°	69.4°	634
2.0	2.8	7.8°	69.4°	357
2.5	3.5	7.8°	69.4°	228
3.0	4.2	7.8°	69.4°	158

ArcSource Outdoor 4MC RGBCW
90dg x 10dg



Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.99	12.2°	83.8°	3272
1.0	1.8	12.2°	83.8°	818
1.5	2.7	12.2°	83.8°	364
2.0	3.6	12.2°	83.8°	208
2.5	4.5	12.2°	83.8°	131
3.0	5.4	12.2°	83.8°	91

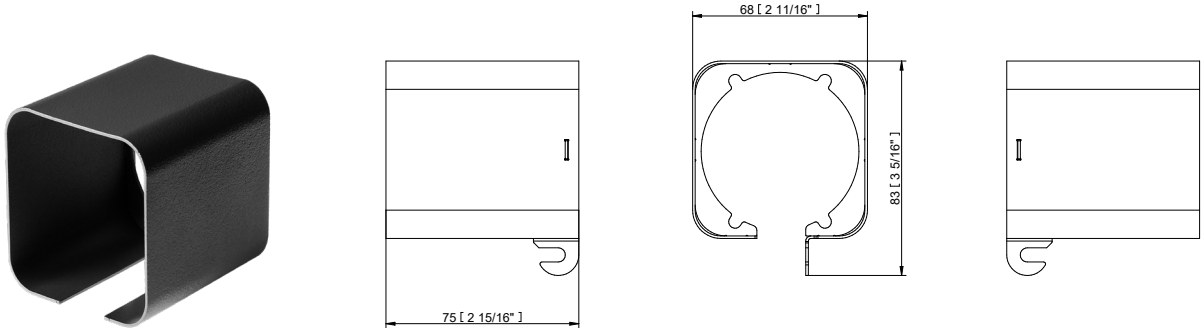
ArcSource Outdoor 4MC RGBCW
70dg x 35dg



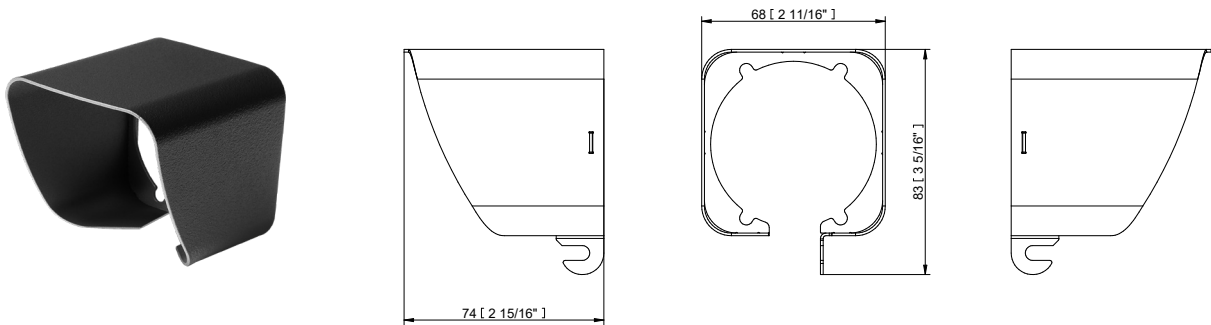
Distance [m]	Cone diameter [m]	Beam angle	Beam angle	Iluminance [lx]
0.50	0.99	32.2°	60.8°	1954
1.0	1.2	32.2°	60.8°	489
1.5	1.8	32.2°	60.8°	217
2.0	2.3	32.2°	60.8°	122
2.5	2.9	32.2°	60.8°	78
3.0	3.5	32.2°	60.8°	54

ACCESSORIES FOR ARCSOURCE OUTDOOR 4MC

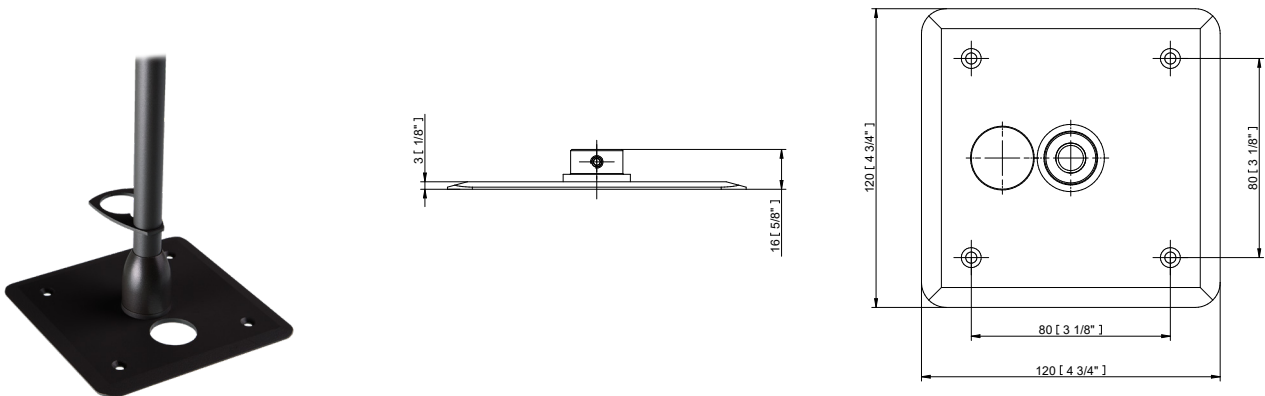
Top Hat



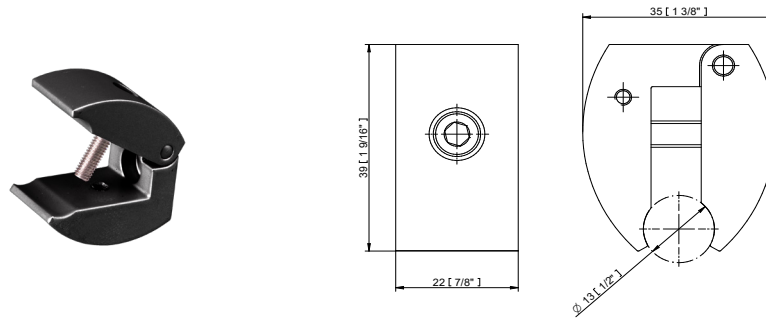
Half Top Hat



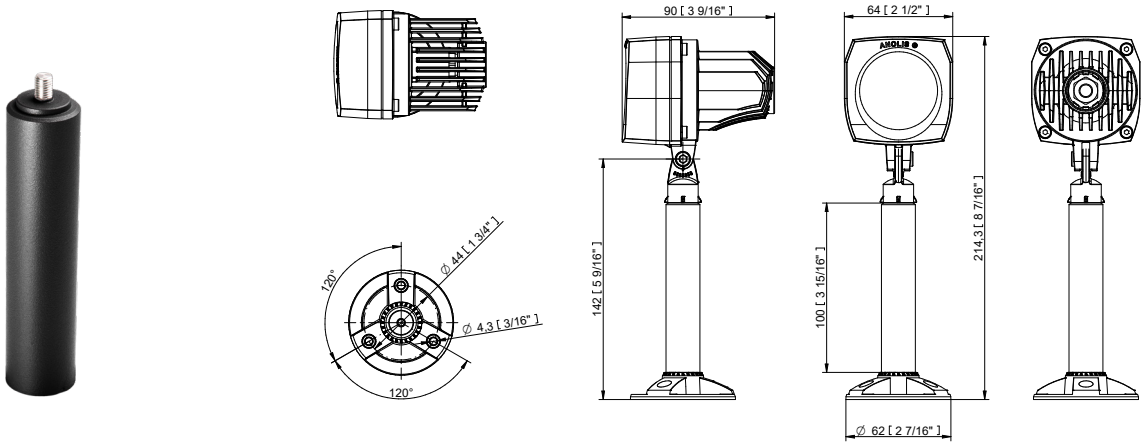
Floor Stand



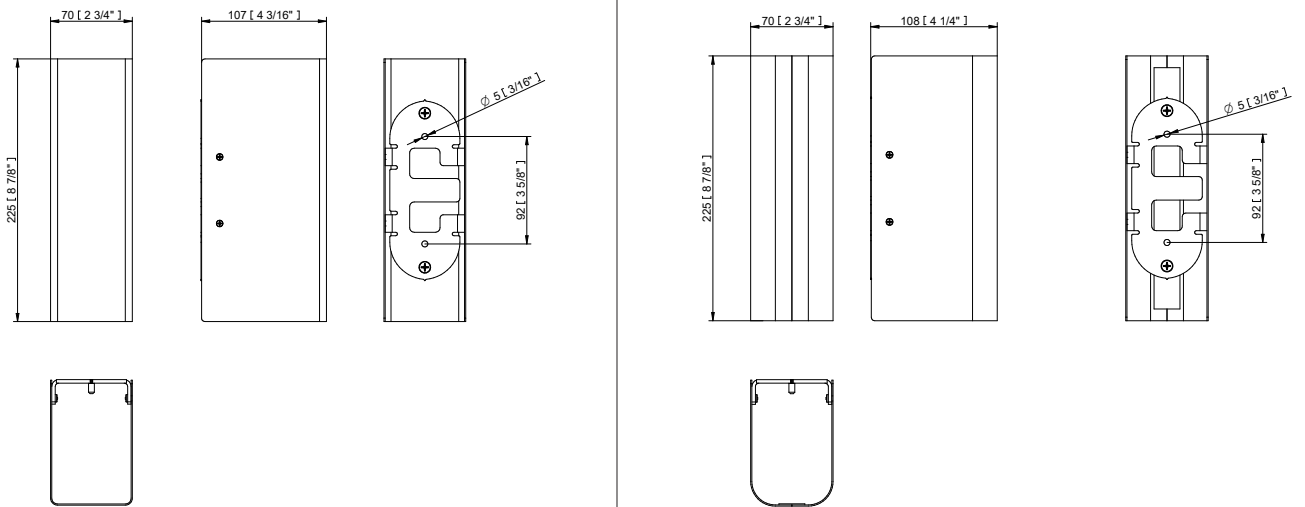
Pipe Clamp



Adaptor Stand 100mm



Twin Wall Cover (Flat / Round)



Extension Cable CGR8-F/RJ45 (indoor)



Extension Cable CGR8-F/M (outdoor)



Connector Chogori 8-pin (Male / Female)



T-connector Chogori 8-pin



Connector Waterproof Cap (Male / Female)



Land Spike Single / Twin / Triple

