

ARCSOURCE™ OUTDOOR 4MC PIXEL

Create controlled, beautiful and dramatic media style effects on landscape and facade installations with the ArcSource™ Outdoor 4MC Pixel. Each fixture can be individually controlled to alter colour, dimming and intensity producing stunning effects. Combining high light output, multiple beam angles, precision optics and a high IP rating makes the fixtures suitable for a massive range of applications.



KEY FEATURES

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

Lumen Output & Light Source

Lumen output of 202 lm is provided by one high-power multichip LED.

Projected Lumen Maintenance

The projected lumen maintenance is 50,000 hours (L70@ 25 °C).

Power Consumption

5.5W energy consumption provides excellent efficiency at low operating costs.

Physical

The durable cast aluminum body with a lens covered by tempered glass provides a stylish, compact lighting solution with IP65 certification. The fixture's physical dimensions are 64 x 145 x 90 mm (2.52 x 5.71 x 3.54 in) and it weights 0.62 kg (1.37 lbs).

CONTROL & PROTOCOLS



STANDARD & SPECIFICATION



COLOURS



COLOUR TEMPERATURES

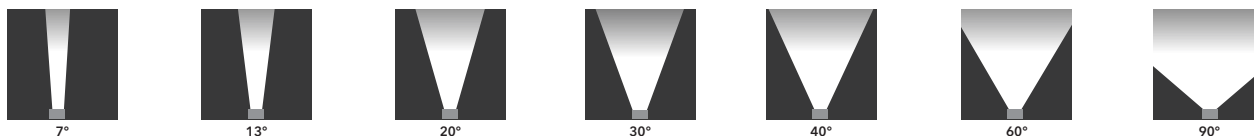


FINISH OPTIONS

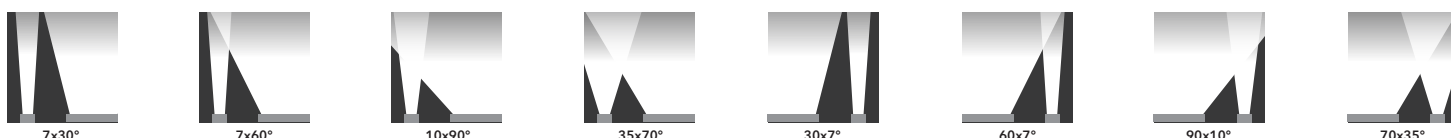


OPTIC OPTIONS

SYMMETRICAL



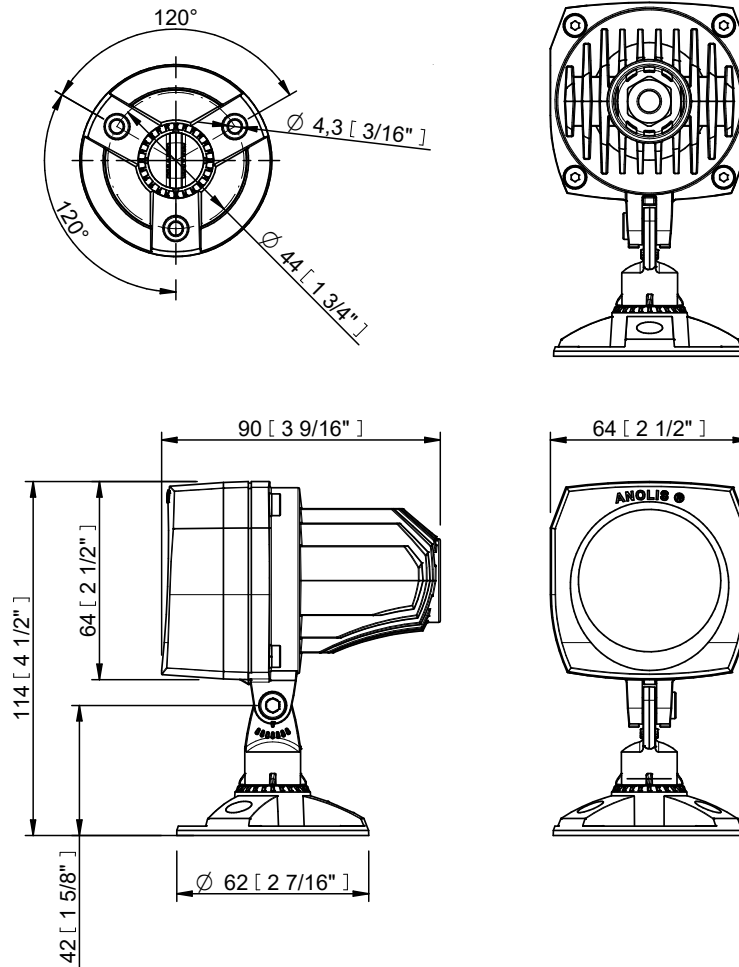
BI-SYMMETRICAL



ARCSOURCE OUTDOOR 4MC PIXEL SPECIFICATION

ELECTRICAL	Input Voltage	48 V
	Typical Power Consumption	5.5 W / 48 V
OPTICAL	Light Source	1 x High Power Multichip LED
	Colour Variants	RGBCW (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	202 lm (RGBCW 7° W - 6500 K, all LEDs on full)
Projected Lumen Maintenance	50.000 hrs (L70 @ 25 °C / 77 °F)	
CONTROL	Control System	ArcPixel Power, ArcPower Unit Pixel
	Power Supply	ArcPixel Power, ArcPower Unit Pixel
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
	Finish Options	Standard Colour - Graphite Black (RAL 9011) Silver (RAL 9006)
		Cost Option - Custom RAL
	Housing	High Pressure Die-Cast Aluminium Body
		Tempered Glass
	Cables / Connections	Li9Y11Y, 2 x AWG16 + 1 x AWG20
	Mounting Method	Mounting Plate, Land Spike (optional)
	Adjustability	+/- 60°, with Adaptor Stand +80°/ -90°
	Protection Factor	IP65 / Suitable For Wet Locations
	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
ACCESSORIES	Mounting	Adaptor Stand 100 mm
		Land Spike Single 100mm 500mm
		Land Spike Twin 100mm 500mm
		Land Spike Triple 500mm
		Pipe Clamp
		Floor Stand for Land Spike
	Covers	Top Hat
		Half Top Hat
		Twin Wall Cover
	Cables & Connectors	Cable Connection ArcSource Outdoor 4MC Pixel
		Cable Without Connectors
		Terminator Active
		Terminator Passive
		Ferrite for ArcPixel Power
		Connector Chogori 3-pin (Male, Female)
T - Connector Chogori 3-pin		

DIMENSIONS



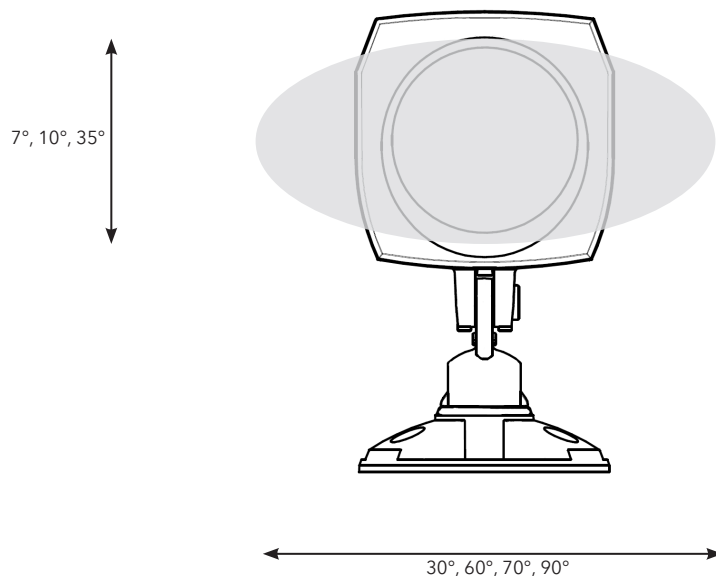
PHOTOMETRIC OVERVIEW

Lumen Output (lm)

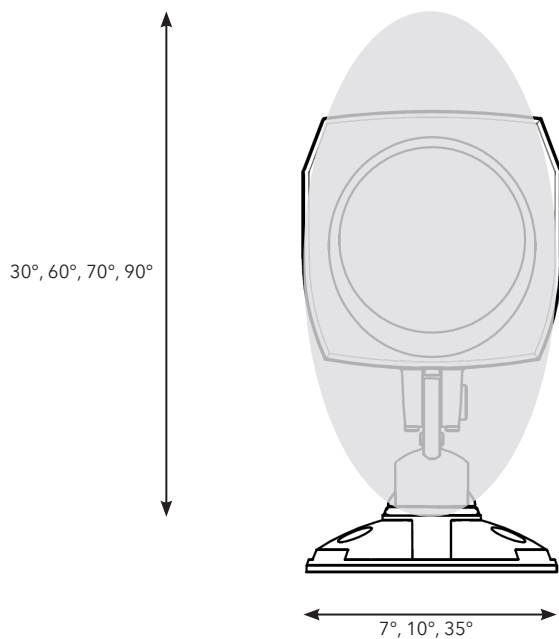
	RGBCW (W 6500 K)	RGBA	WW (W 3000 K)
7°	202	178	202
13°	202	178	202
20°	199	176	199
30°	199	175	199
40°	198	175	198
60°	197	174	197
90°	193	170	193
7° x 30°, 30° x 7°	194	172	194
7° x 60°, 60° x 7°	191	169	191
35° x 70°, 70° x 35°	193	171	193
10° x 90°, 90° x 10°	180	159	180

BI-SYMMETRICAL BEAM ANGLE

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

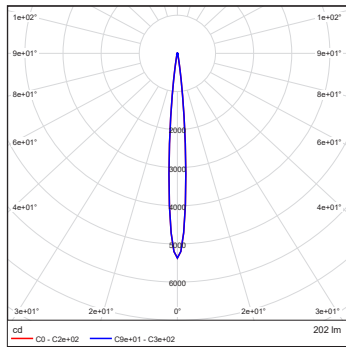


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°



PHOTOMETRIC DATA

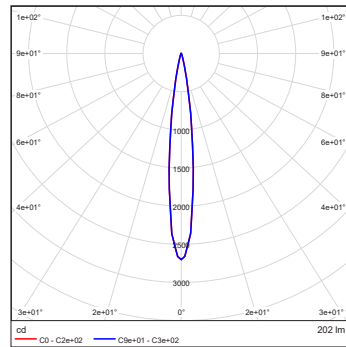
ArcSource Outdoor 4MC Pixel RGBCW 7dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.08	21477 10643	4.6°
1.0	0.16	5369 2661	4.6°
1.5	0.24	2386 1183	4.6°
2.0	0.32	1342 665	4.6°
2.5	0.40	859 426	4.6°
3.0	0.48	597 298	4.6°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 9.2°)

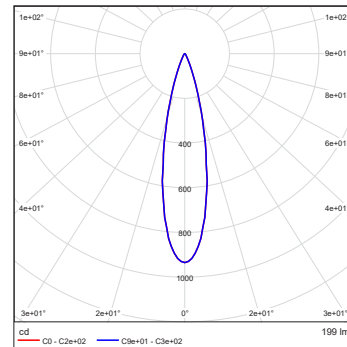
ArcSource Outdoor 4MC Pixel RGBCW 13dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.11	10802 5373	6.5°
1.0	0.23	2700 1343	6.5°
1.5	0.34	1200 597	6.5°
2.0	0.46	675 336	6.5°
2.5	0.57	432 215	6.5°
3.0	0.68	300 148	6.5°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 13.0°)

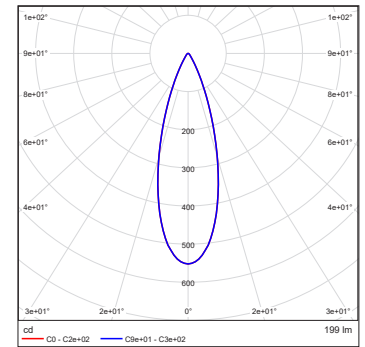
ArcSource Outdoor 4MC Pixel RGBCW 20dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.21	3740 1796	11.8°
1.0	0.42	935 439	11.8°
1.5	0.63	416 195	11.8°
2.0	0.84	234 110	11.8°
2.5	1.0	150 73	11.8°
3.0	1.3	104 49	11.8°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 23.6°)

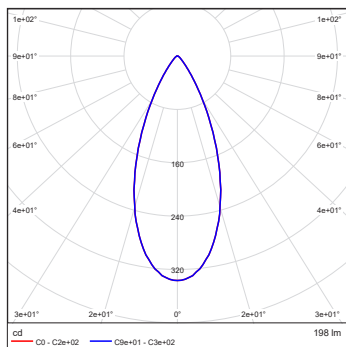
ArcSource Outdoor 4MC Pixel RGBCW 30dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.28	2208 960	15.9°
1.0	0.57	552 248	15.9°
1.5	0.85	245 110	15.9°
2.0	1.1	138 62	15.9°
2.5	1.4	88 40	15.9°
3.0	1.7	61 28	15.9°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 31.8°)

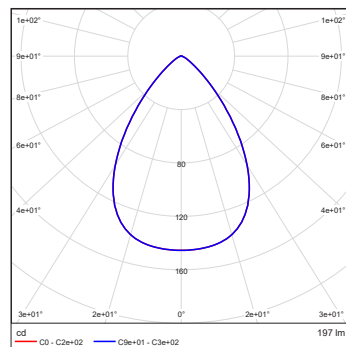
ArcSource Outdoor 4MC Pixel RGBCW 40dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.39	1346 544	21.4°
1.0	0.78	337 136	21.4°
1.5	1.2	150 60	21.4°
2.0	1.6	84 34	21.4°
2.5	2.0	54 22	21.4°
3.0	2.4	37 15	21.4°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 42.8°)

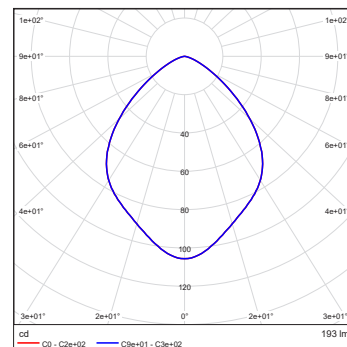
ArcSource Outdoor 4MC Pixel RGBCW 60dg



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.72	582 156	35.8°
1.0	1.4	145 39	35.8°
1.5	2.2	85 17	35.8°
2.0	2.9	38 9.8	35.8°
2.5	3.6	23 6.3	35.8°
3.0	4.3	16 4.3	35.8°

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 71.6°)

ArcSource Outdoor 4MC Pixel RGBCW 90dg

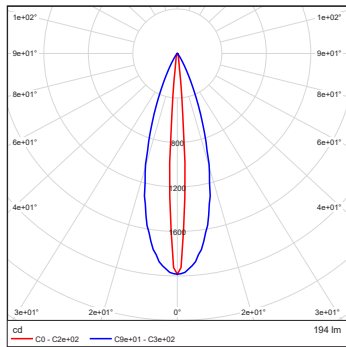


Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.50	0.97	422 79	44.0°
1.0	1.9	106 20	44.0°
1.5	2.9	47 8.8	44.0°
2.0	3.9	28 4.9	44.0°
2.5	4.8	17 3.2	44.0°
3.0	5.8	12 2.2	44.0°

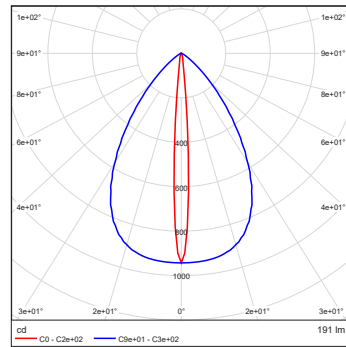
Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C2e+02 (Beam angle: 88.0°)

PHOTOMETRIC DATA

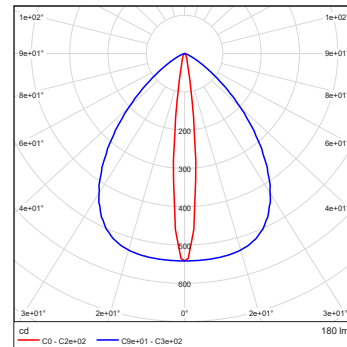
ArcSource Outdoor 4MC Pixel RGBCW
7dg x 30dg



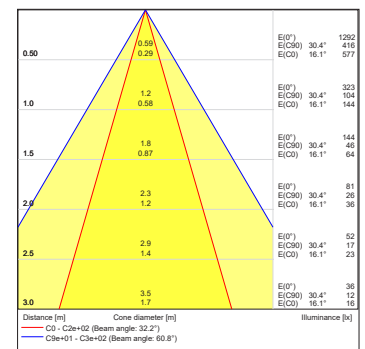
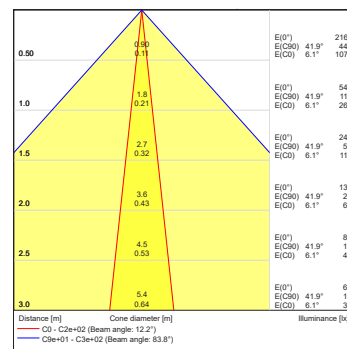
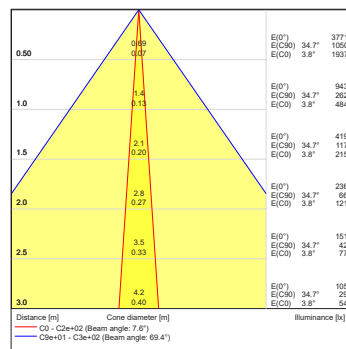
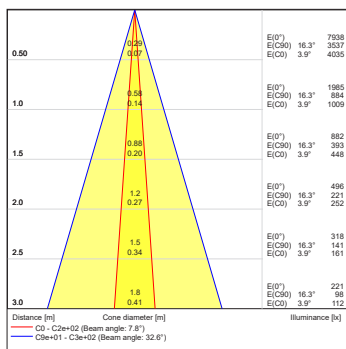
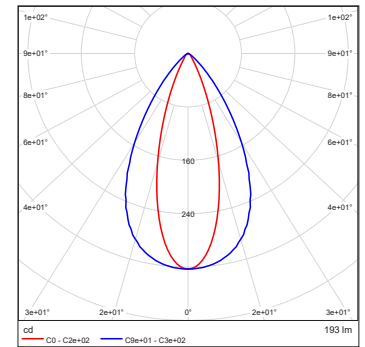
ArcSource Outdoor 4MC Pixel RGBCW
7dg x 60dg



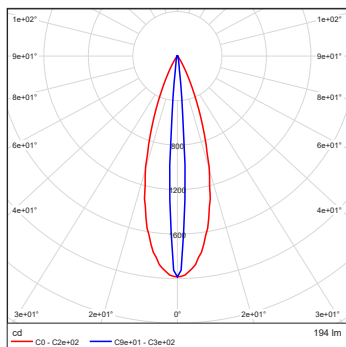
ArcSource Outdoor 4MC Pixel RGBCW
10dg x 90dg



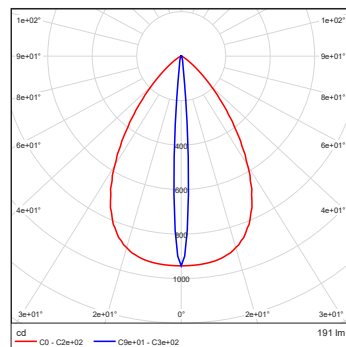
ArcSource Outdoor 4MC Pixel RGBCW
35dg x 70dg



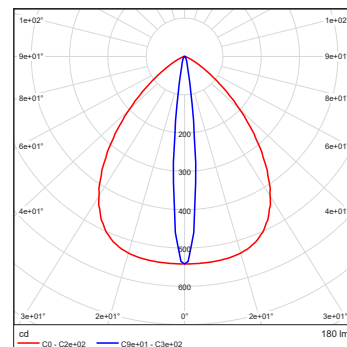
ArcSource Outdoor 4MC Pixel RGBCW
30dg x 7dg



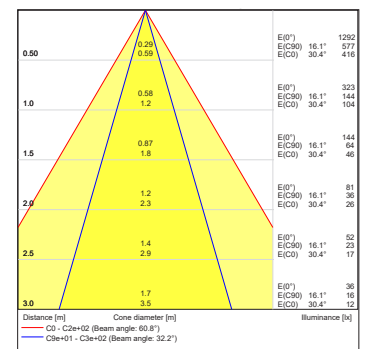
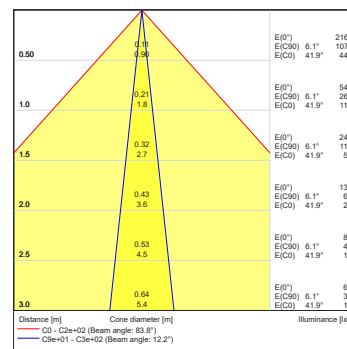
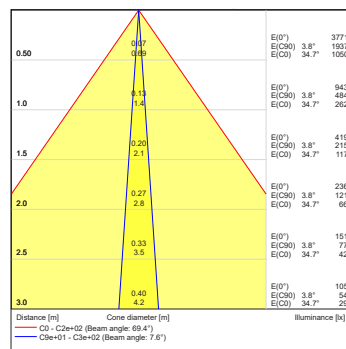
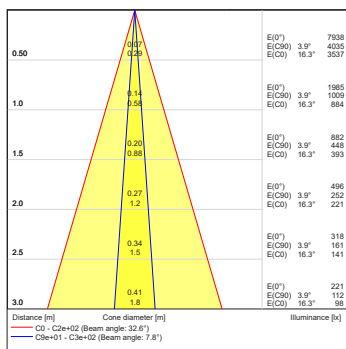
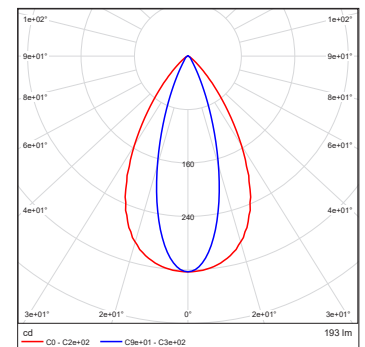
ArcSource Outdoor 4MC Pixel RGBCW
60dg x 7dg



ArcSource Outdoor 4MC Pixel RGBCW
90dg x 10dg

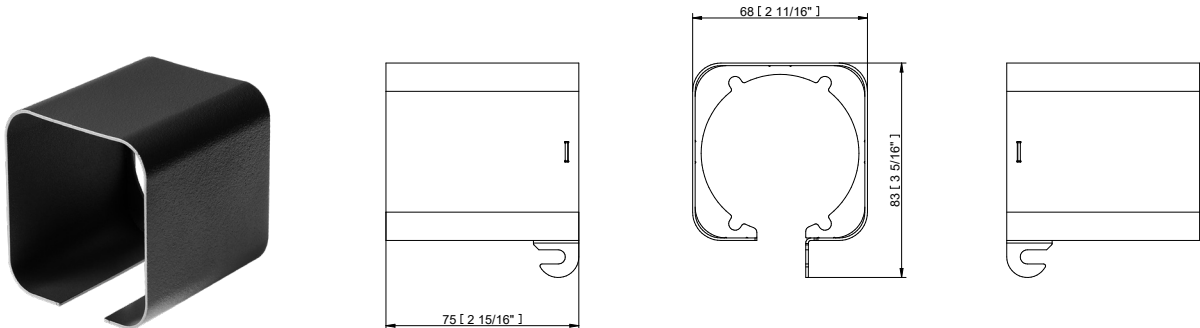


ArcSource Outdoor 4MC Pixel RGBCW
70dg x 35dg

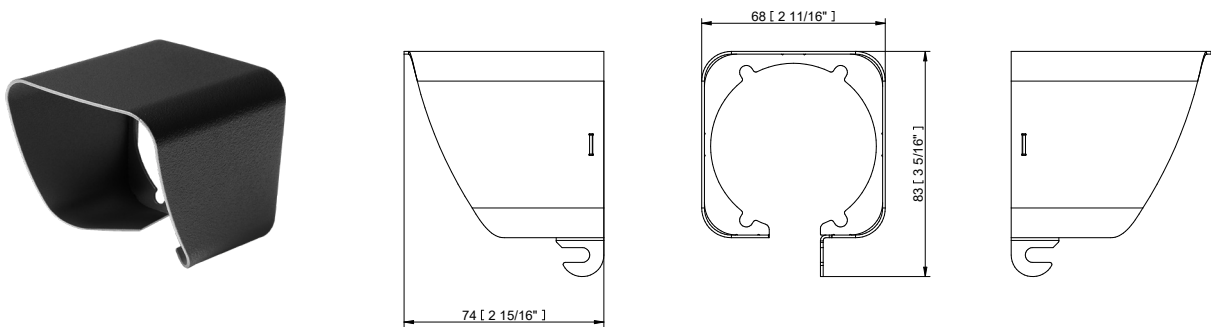


ACCESSORIES FOR ARCSOURCE OUTDOOR 4MC PIXEL

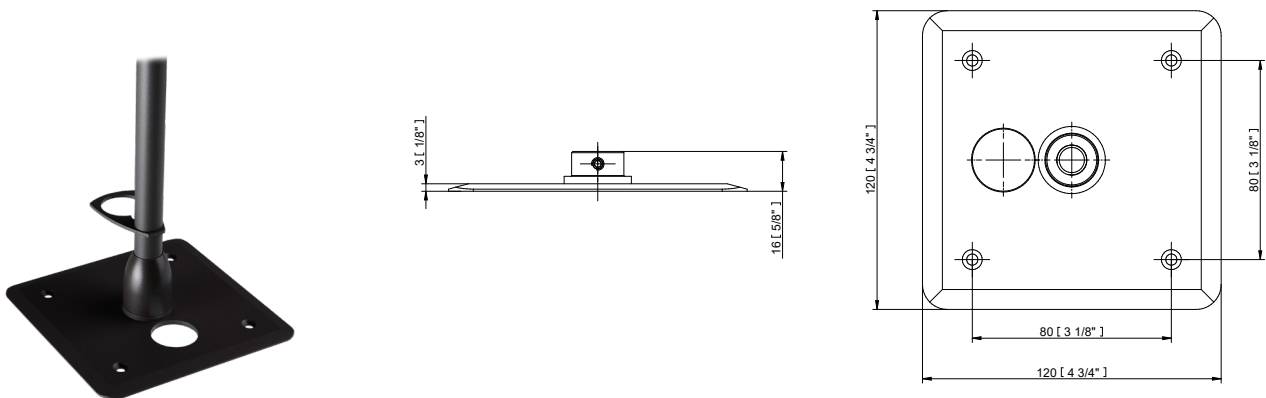
Top Hat



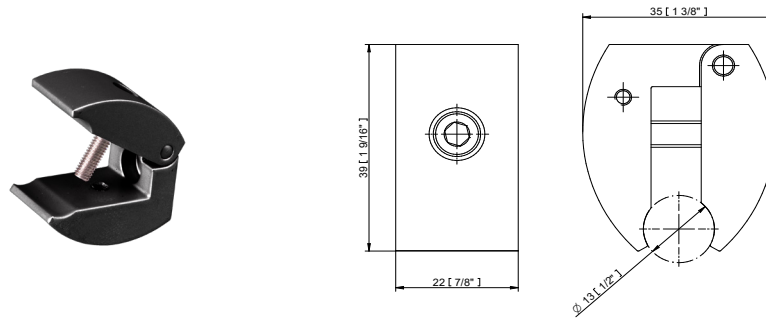
Half Top Hat



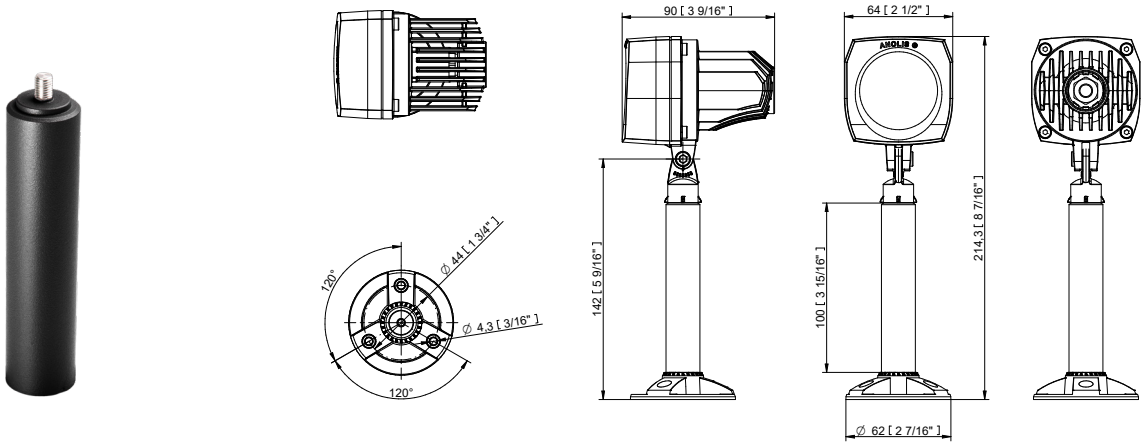
Floor Stand



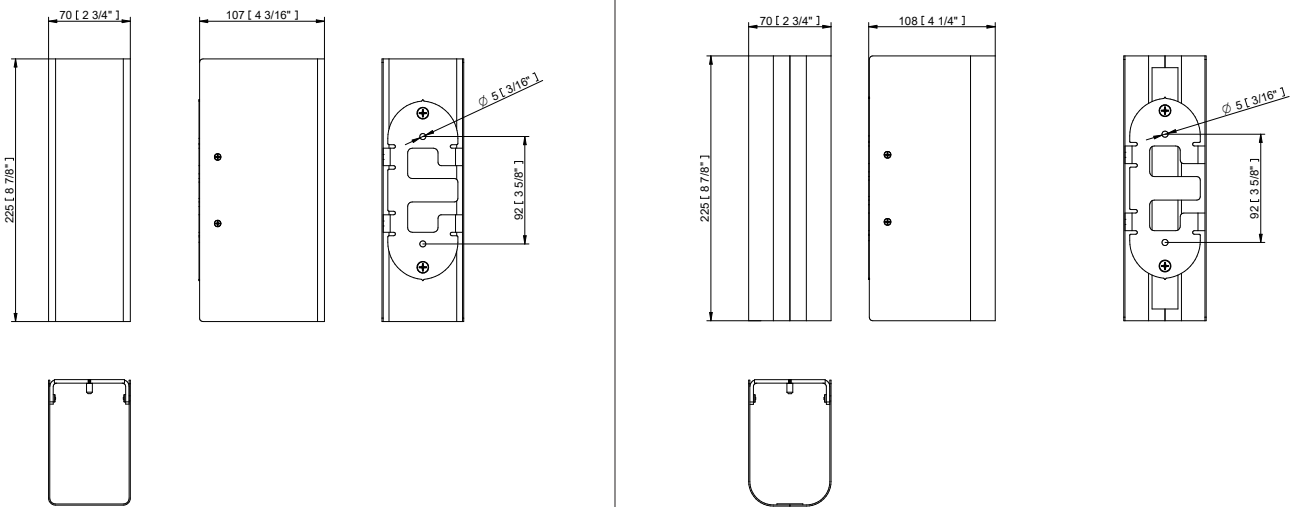
Pipe Clamp



Adaptor Stand 100mm



Twin Wall Cover (Flat / Round)



Terminator Active



Connector Chogori 3-pin (T-Connector / Male / Female)



Land Spike Single / Twin / Triple

