

# ARCSOURCE™ OUTDOOR 48MC INTEGRAL

Perfect for large scale lighting of buildings and landscapes that require higher lux. The most powerful fixture in the ArcSource™ Outdoor range now comes with an integral power supply for outstanding light output of over 4000 lumens via 12 LED multichips. Featuring a flush mounted „Watch Glass“ frontage that protects the unit from dirt and debris and an IP67 rating ensures high performance even in the toughest environments.



## KEY FEATURES

Integrated power & control electronics, high output, wide range of available optics. Wireless control option.

### Lumen Output & Light Source

Lumen output of 4,026 lm is provided by 12 high-power multichip LEDs.

### Projected Lumen Maintenance

The projected lumen maintenance is 60,000 hours (L70@ 25 °C).

### Power Consumption

130W energy-consumption provides excellent efficiency at low operating costs.

### Physical (max WxHxD)

The durable cast aluminum body with a lens covered by tempered glass provides a stylish, compact lighting solution with an IP67 certification. The fixture's physical dimensions are 310 x 348 x 230 mm (12.21 x 13.7 x 9.06 in) and it weighs 11.4 kg (25.13 lbs).

## CONTROL & PROTOCOLS



## STANDARD & SPECIFICATION



## COLOURS



RGBW



RGBA



Pure White

## COLOUR TEMPERATURES



PW 3.000 K



RGBW 6.500 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°

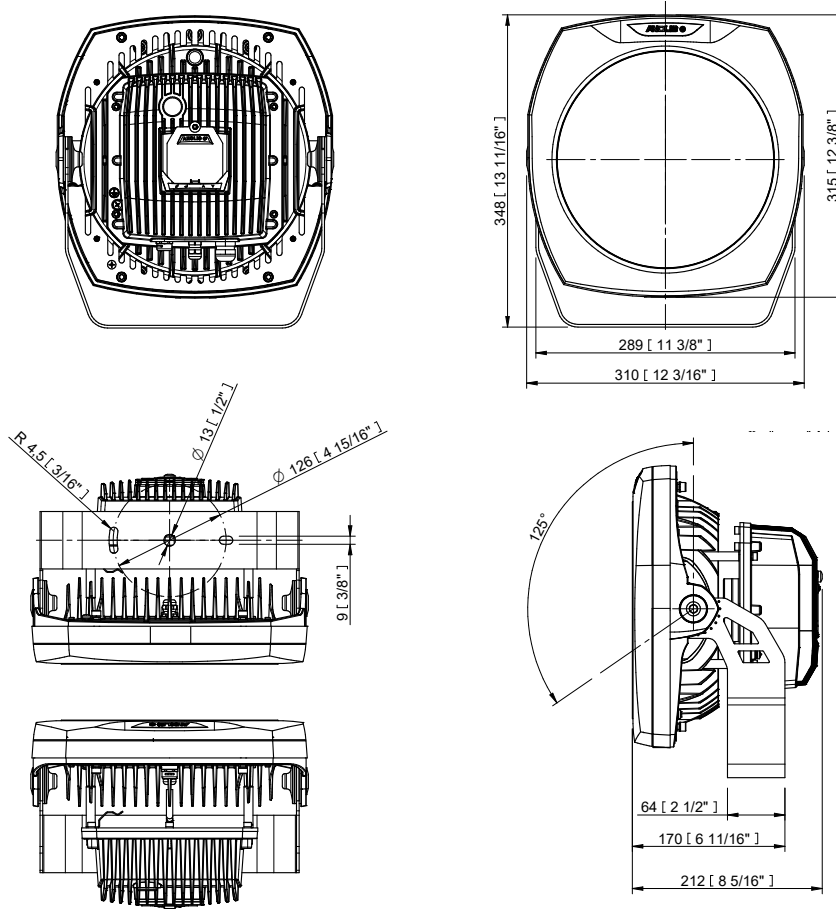


70x35°

**ARCSource OUTDOOR 48MC INTEGRAL SPECIFICATION**

<b>ELECTRICAL</b>	Input Voltage	100 - 240 V AC 50/60 Hz (CE) 120 - 277 V AC 50/60 Hz (US)
	Typical Power Consumption	130 W +/-10 %
<b>OPTICAL</b>	Light Source	12 x High Power Multichip LEDs
	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	4.026 lm (RGBW 7° W - 6500 K, all LEDs on full, 700 mA)
Projected Lumen Maintenance	60.000 hrs (L70 @ 77 °F / 25 °C)	
<b>CONTROL</b>	Display	Two Row LCD Display With Control Buttons
	Wireless DMX (Option)	Lumen Radio CRMX Technology
	Interface Protocol	USITT DMX512, RDM
	Control System	Third Party DMX Controllers
	Operating Modes	DMX, Stand-alone
	Programs / Functions / Features	Editable Program: 3 (up to 40 steps each)
	Settings / Addressing	Via Two Row LCD Display with Control Buttons or RDM communicator
	Power Supply	Integrated
<b>PHYSICAL</b>	Width x Height x Depth	310 x 348 x 230 mm   12.21 x 13.7 x 9.06 in.
	Weight	10.8 kg   23.8 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	Li9Y11Y 3 x AWG16 + 1(2 x AWG24), Junction Box
	Mounting Method	Yoke, Floor Stand (optional)
	Adjustability	+35° / -90°
	Protection Factor	IP67 (IP66 Junction Box) / Suitable For Wet Locations
	IK Rating	IK10
	Cooling System	Convection
	Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)
Operating Temperature	+80 °C @ Ambient +40 °C (+176 °F @ Ambient +104 °F )	
Total Heat Dissipation	443 BTU/h (calculated)	
<b>CERTIFICATION</b>	Listings	ETL / cETL, CE, RoHS
<b>ACCESSORIES</b>		Optical Demo Set for ArcSource Outdoor 48 MC Integral
		Top Hat ArcSource Outdoor 48 MC
		Half Top Hat ArcSource Outdoor 48 MC
		Floor Stand ArcSource Outdoor 48 MC
		Land Spike for ASO 48MC
		Tenon Adaptor for ASO 48MC (63 - 80 mm   80 - 106 mm)
		Pole Clamp for ASO 48MC (63 - 80 mm   80 - 105 mm)

**DIMENSIONS**



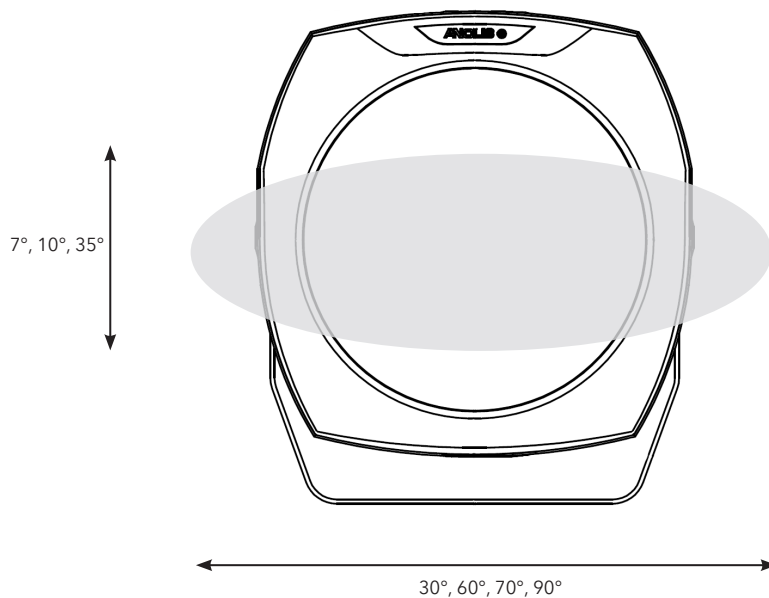
**PHOTOMETRIC OVERVIEW**

Lumen Output (lm)

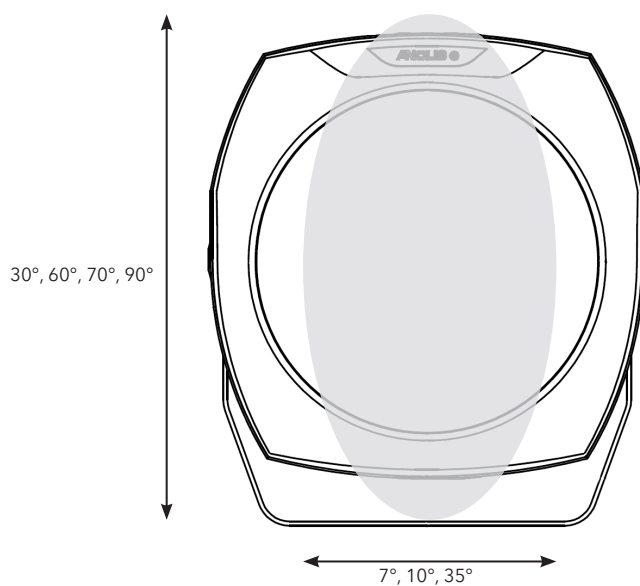
	RGBCW (W 6500 K)	RGBA	CW (6500 K)	WW (W 3000 K)	SW (W 5000 K)
7°	4 026	3 552	5 841	4 026	4 596
13°	4 026	3 552	5 841	4 026	4 596
20°	3 976	3 508	5 768	3 976	4 538
30°	3 963	3 497	5 749	3 963	4 523
40°	3 953	3 488	5 734	3 953	4 512
60°	3 943	3 479	5 720	3 943	4 501
90°	3 840	3 388	5 570	3 840	4 383
7° x 30°, 30° x 7°	3 870	3 415	5 614	3 870	4 417
7° x 60°, 60° x 7°	3 813	3 365	5 532	3 813	4 353
35° x 70°, 70° x 35°	3 856	3 403	5 594	3 856	4 402
10° x 90°, 90° x 10°	3 593	3 171	5 213	3 593	4 102

**BI-SYMMETRICAL BEAM ANGLES**

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

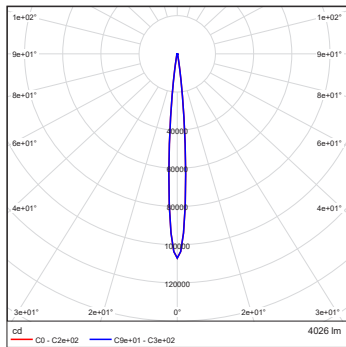


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°

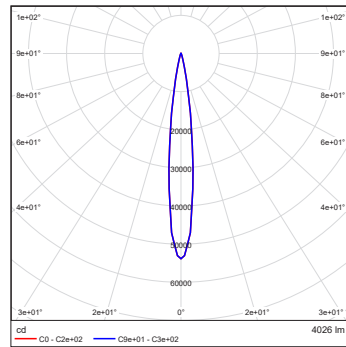


PHOTOMETRIC DATA

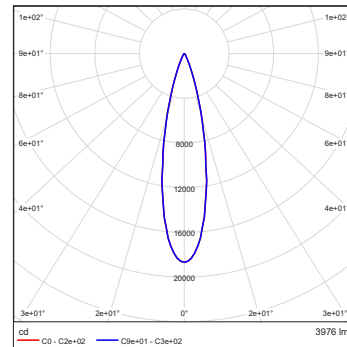
ArcSource Outdoor 48MC Integral RGBCW 7dg



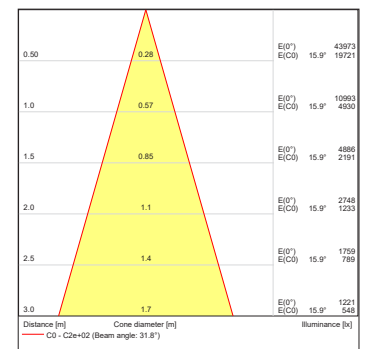
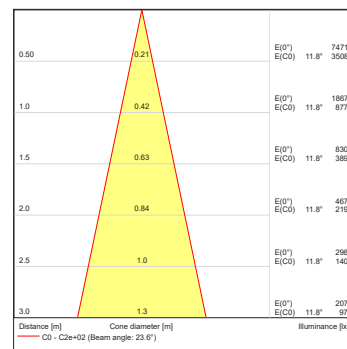
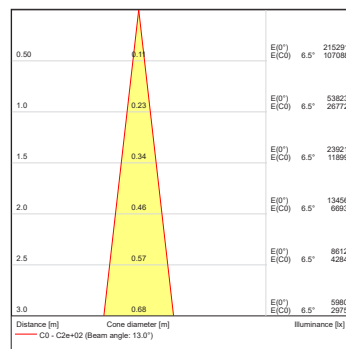
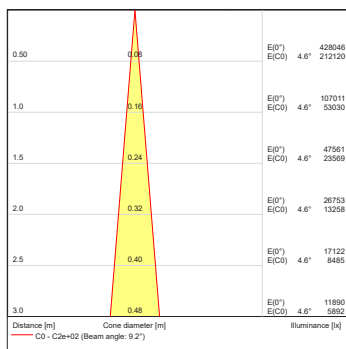
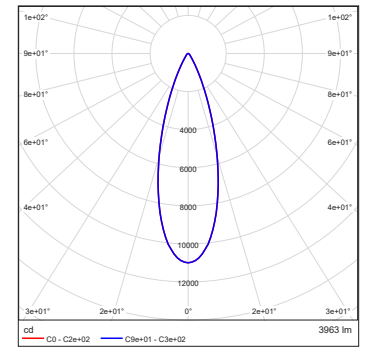
ArcSource Outdoor 48MC Integral RGBCW 13dg



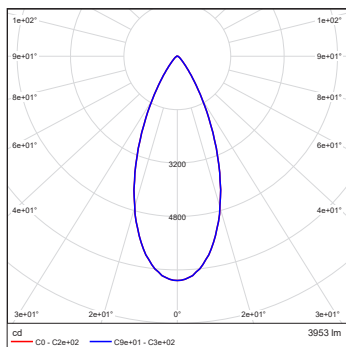
ArcSource Outdoor 48MC Integral RGBCW 20dg



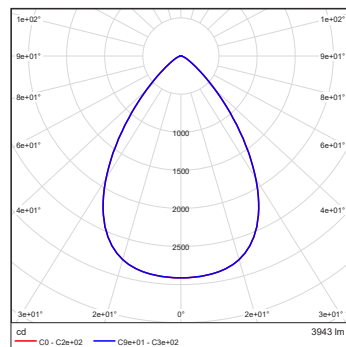
ArcSource Outdoor 48MC Integral RGBCW 30dg



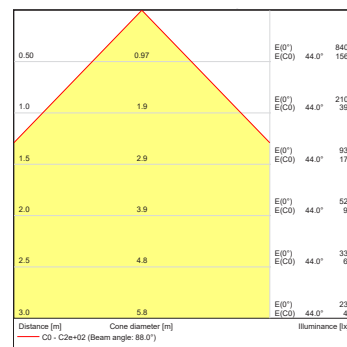
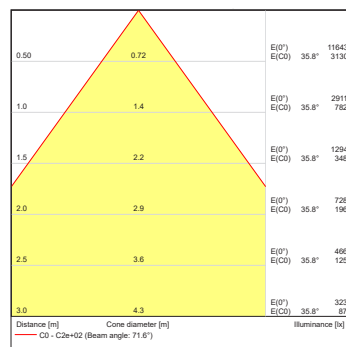
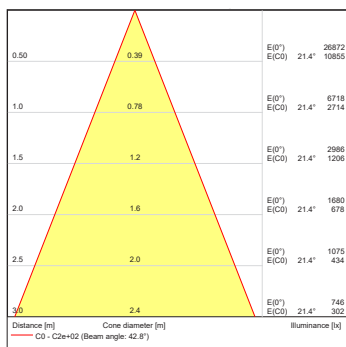
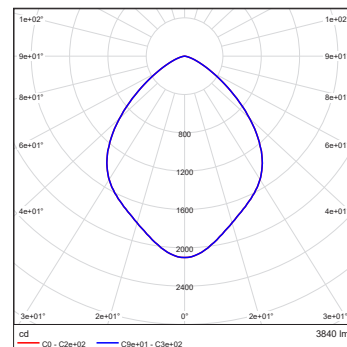
ArcSource Outdoor 48MC Integral RGBCW 40dg



ArcSource Outdoor 48MC Integral RGBCW 60dg

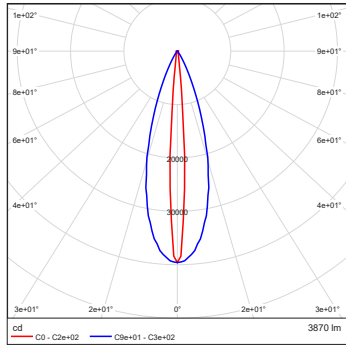


ArcSource Outdoor 48MC Integral RGBCW 90dg

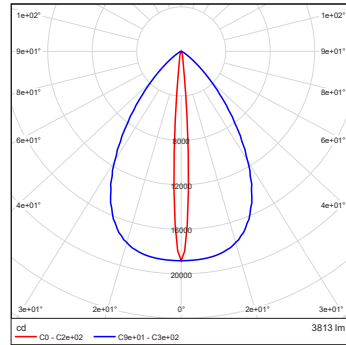


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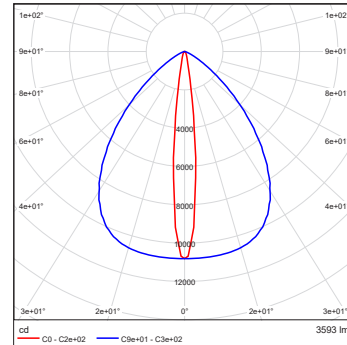
ArcSource Outdoor 48MC Integral  
RGBCW 7dg x 30dg



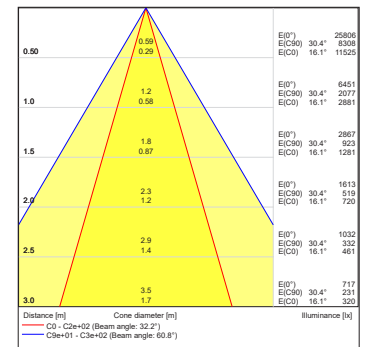
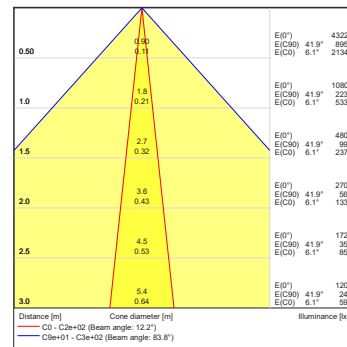
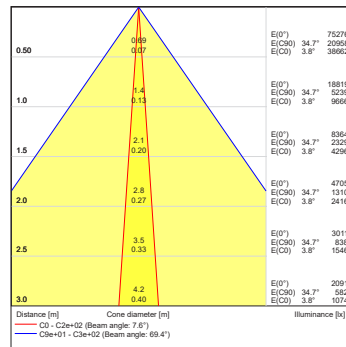
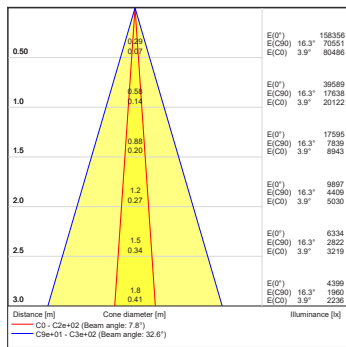
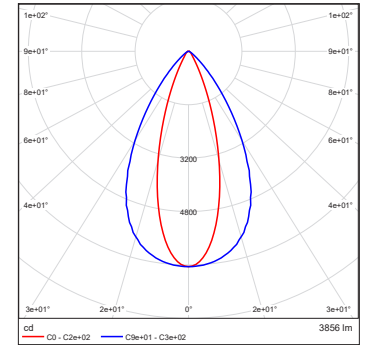
ArcSource Outdoor 48MC Integral  
RGBCW 7dg x 60dg



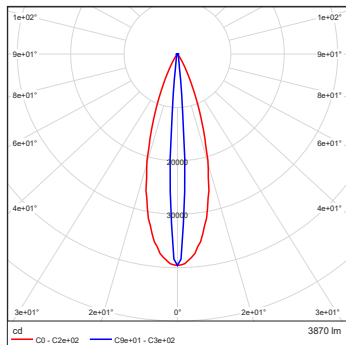
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RGBCW 10dg x 90dg



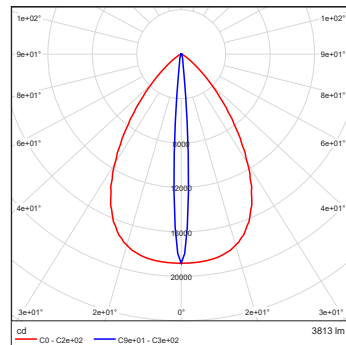
ArcSource Outdoor 48MC Integral  
RGBCW 35dg x 70dg



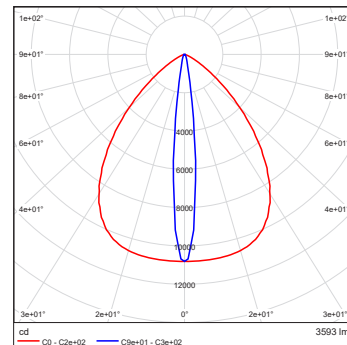
ArcSource Outdoor 48MC Integral  
RGBCW 30dg x 7dg



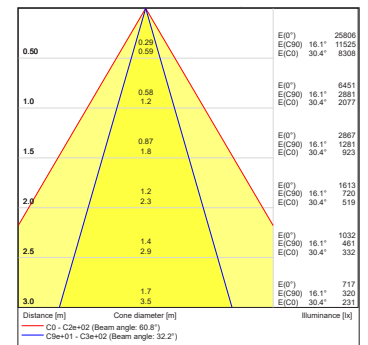
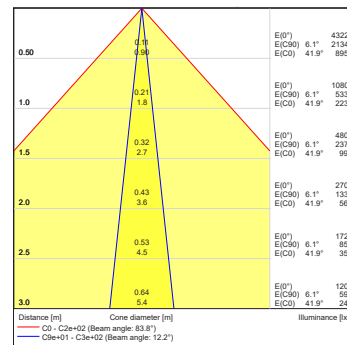
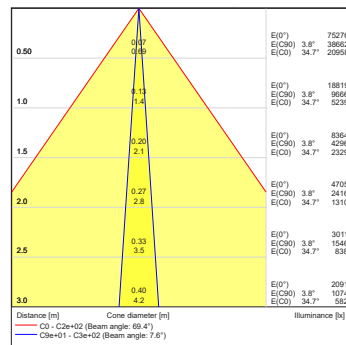
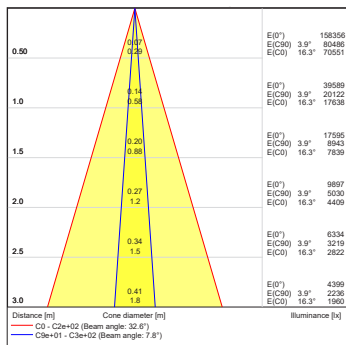
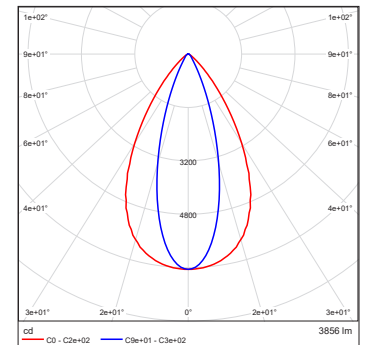
ArcSource Outdoor 48MC Integral  
RGBCW 60dg x 7dg



ArcSource Outdoor 48MC Integral  
RGBCW 90dg x 10dg

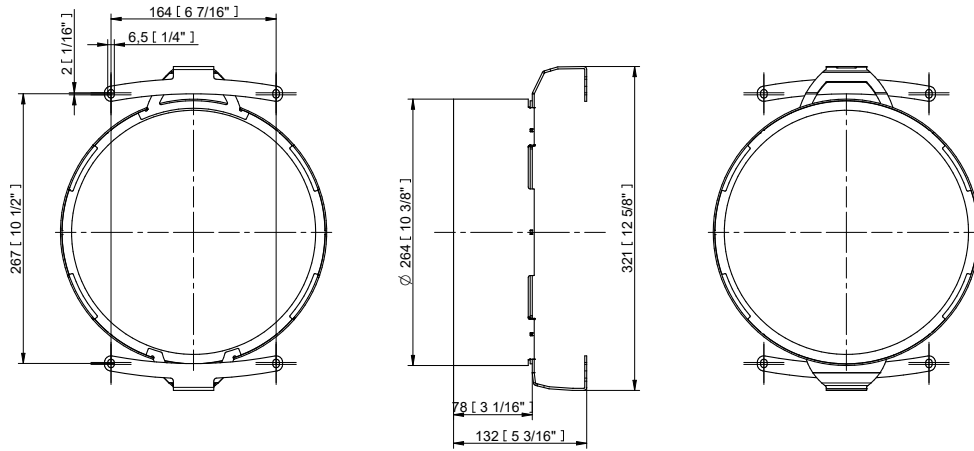


ArcSource Outdoor 48MC Integral  
RGBCW 70dg x 35dg

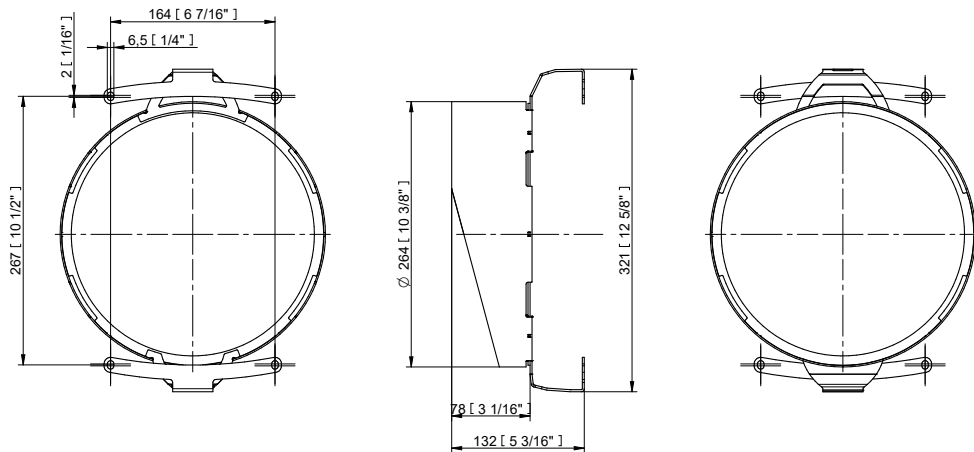


**ACCESSORIES FOR ARCSOURCE OUTDOOR 48MC INTEGRAL**

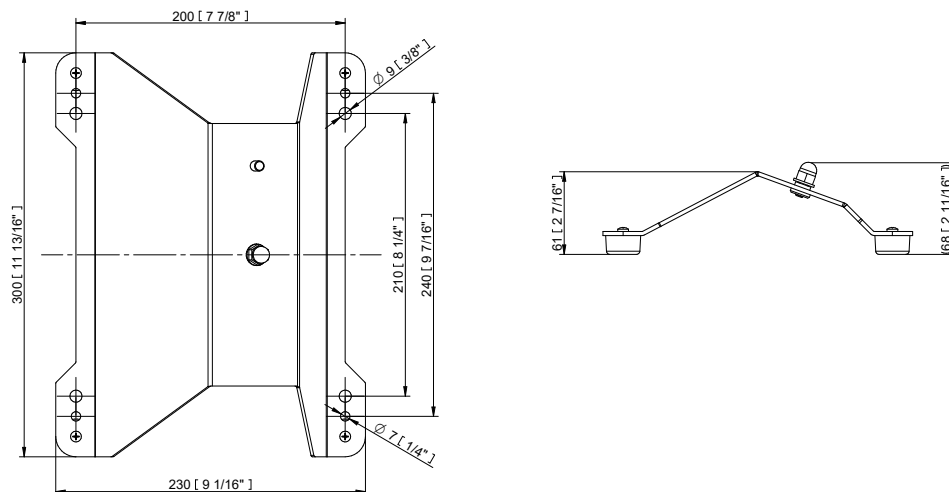
Top Hat



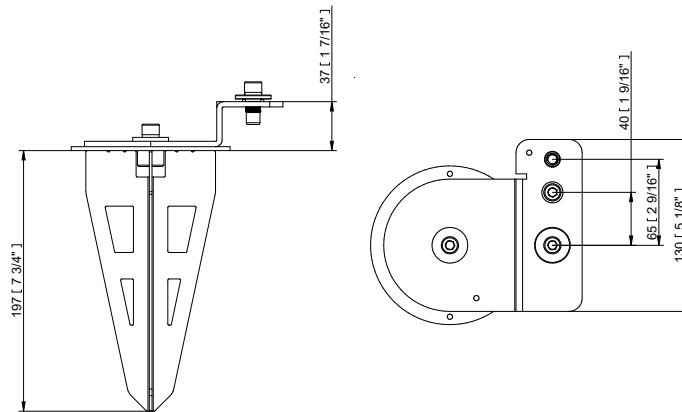
Half Top Hat



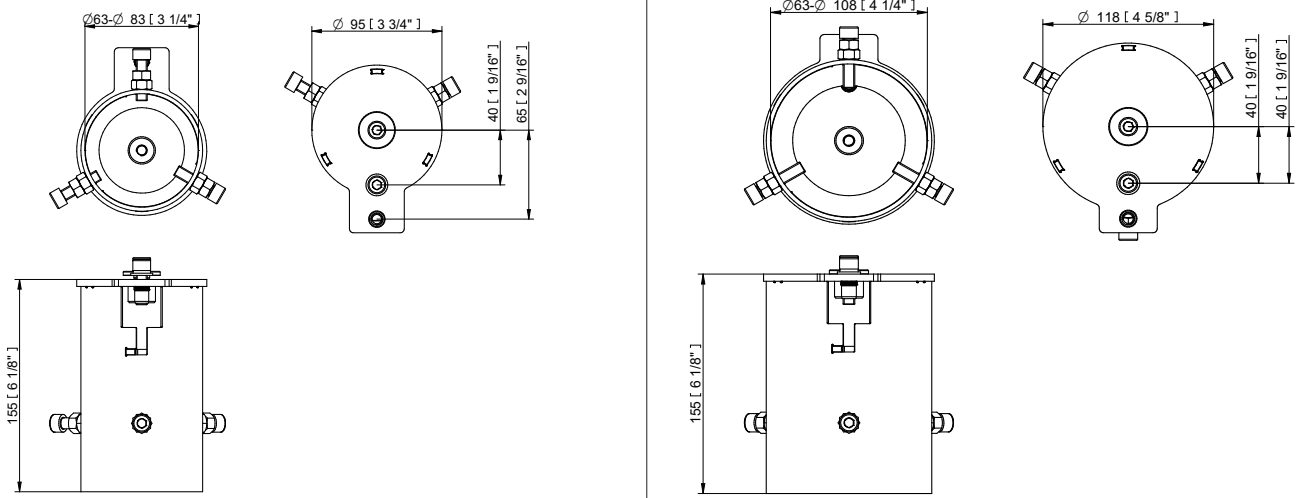
Floor Stand



Land Spike



Tenon Adapter  $\varnothing 63 - 80 \text{ mm} / \varnothing 80 - 106 \text{ mm}$



Pole Clamp  $\varnothing 63 - 80 \text{ mm} | \varnothing 80 - 105 \text{ mm}$

