

# ARCSOURCE™ OUTDOOR 48MC INTEGRAL

The same high output of the ArcSource™ Outdoor 24MC but with an integral power supply - perfect for installations with physical access to the fixtures. Low energy consumption and long operational life is ensured by using the latest LED technology for optimum performance. Flush mounting the „Watch Glass“ reduces the buildup of dirt and debris on the fixture, with an IP67 rating ensuring high performance for years to come.



## 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).

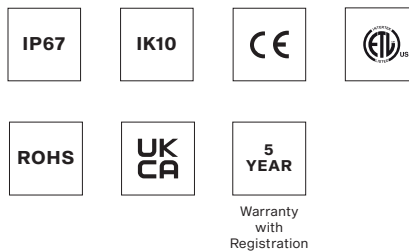
## COLOURS



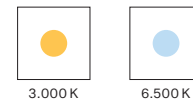
## CONTROL & PROTOCOLS



## STANDARD & SPECIFICATION

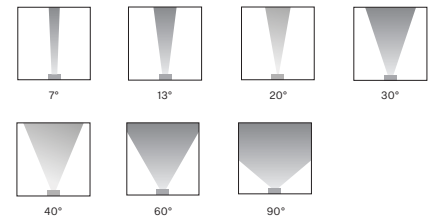


## COLOUR TEMPERATURE

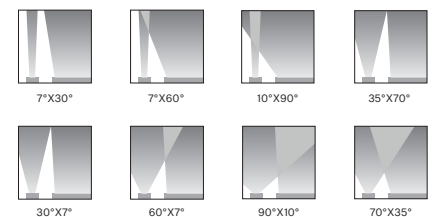


## OPTIC OPTIONS

### SYMMETRICAL



### BI-SYMMETRICAL



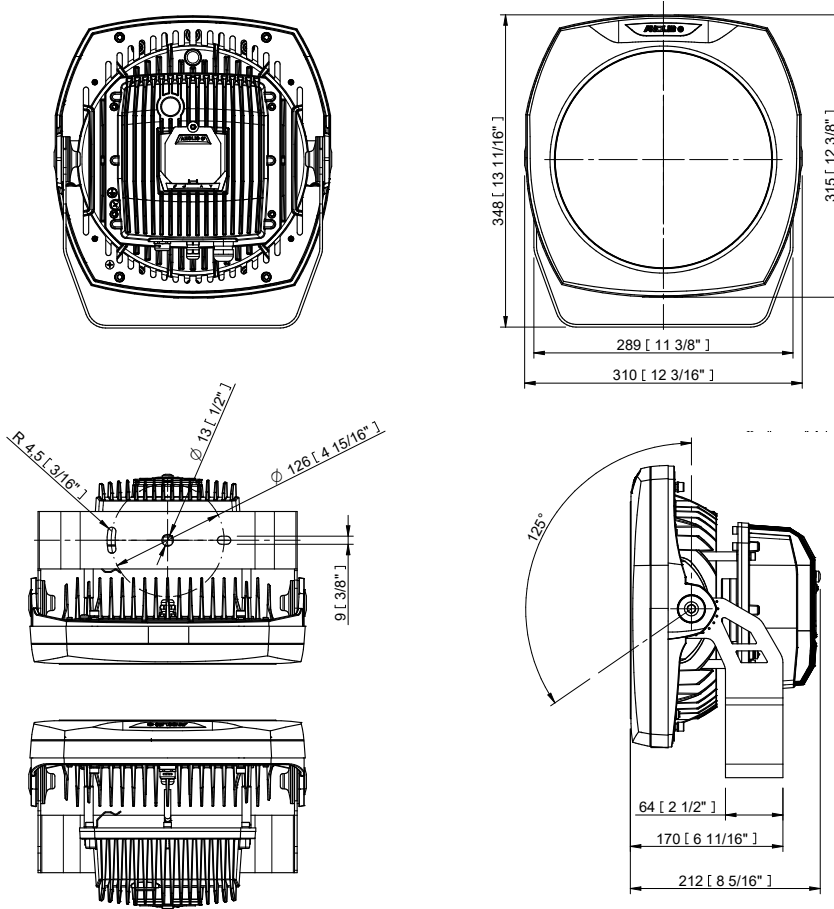
## FINISH OPTIONS



ARCSOURCE OUTDOOR 48MC INTEGRAL SPECIFICATION

<b>ELECTRICAL</b>	Input Voltage	100 - 240 V AC 50/60 Hz (CE)
		100 - 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	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
<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, UKCA
<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**



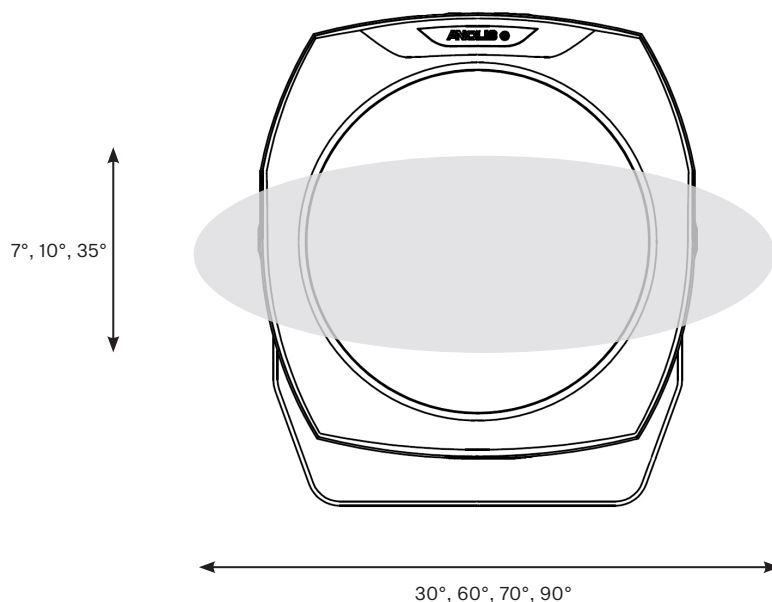
**PHOTOMETRIC OVERVIEW**

Lumen Output (lm)

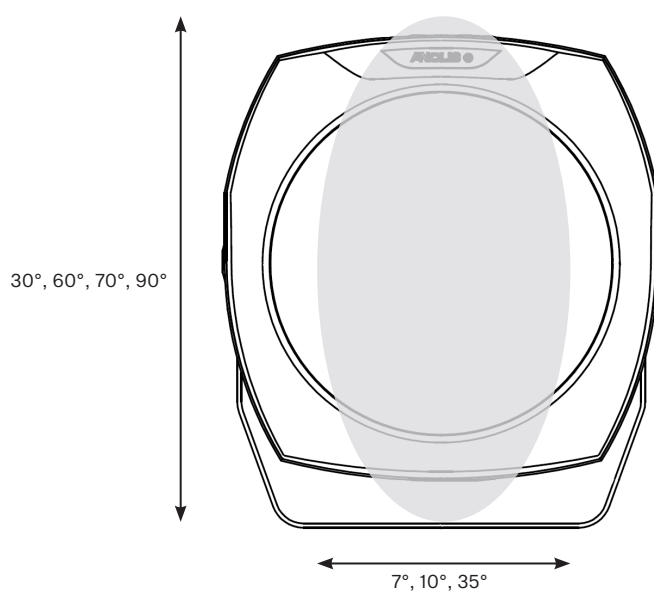
	RGBCW (W 6500 K)	RGBA	CW (6500 K)	WW (W 3000 K)	SW (W 5000 K)
7°	4 026	3 552	5 841	4 026	4 596
13°	4 026	3 552	5 841	4 026	4 596
20°	3 976	3 508	5 768	3 976	4 538
30°	3 963	3 497	5 749	3 963	4 523
40°	3 953	3 488	5 734	3 953	4 512
60°	3 943	3 479	5 720	3 943	4 501
90°	3 840	3 388	5 570	3 840	4 383
7° 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°

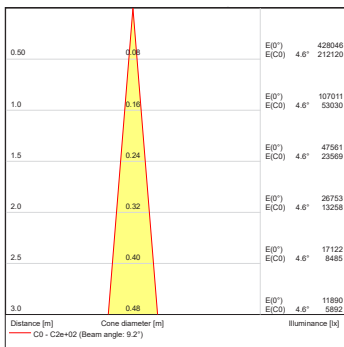
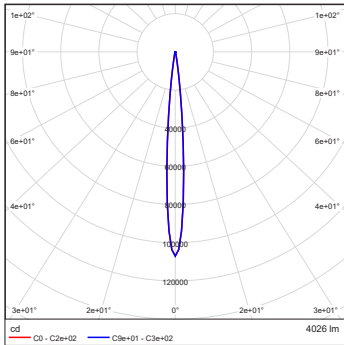


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°

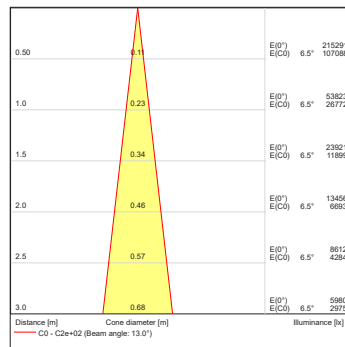
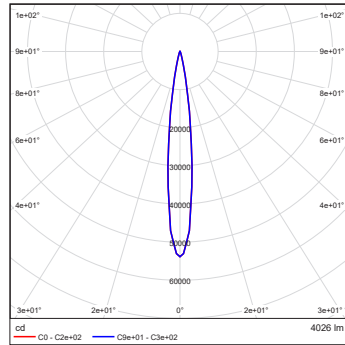


PHOTOMETRIC DATA

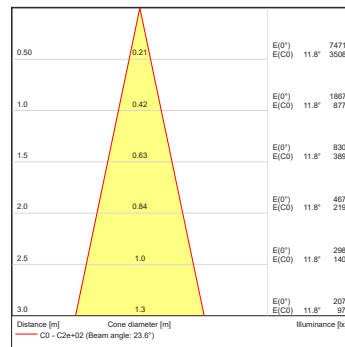
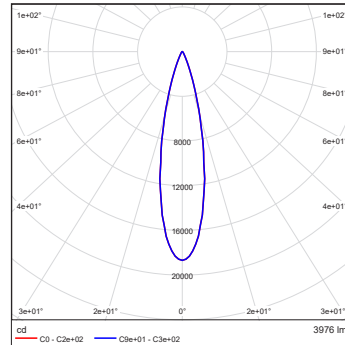
ArcSource Outdoor 48MC Integral  
RGBCW 7dg



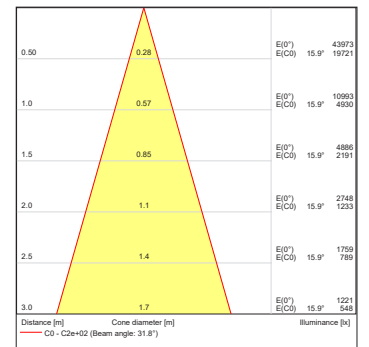
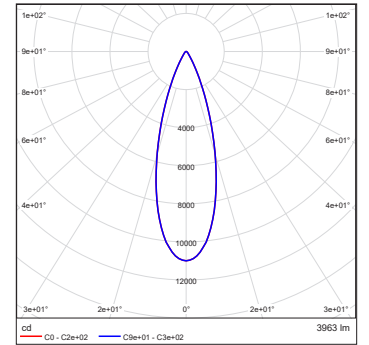
ArcSource Outdoor 48MC Integral  
RGBCW 13dg



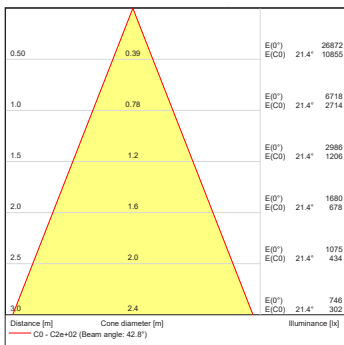
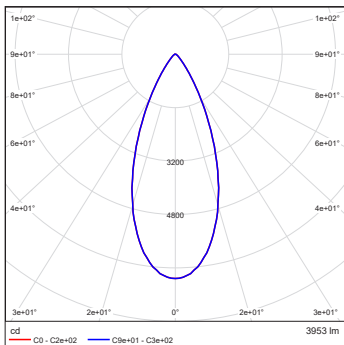
ArcSource Outdoor 48MC Integral  
RGBCW 20dg



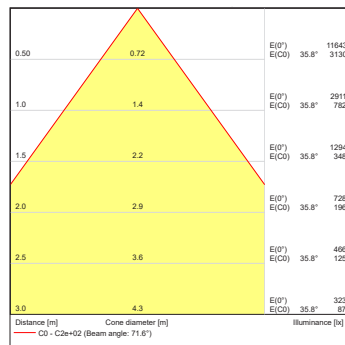
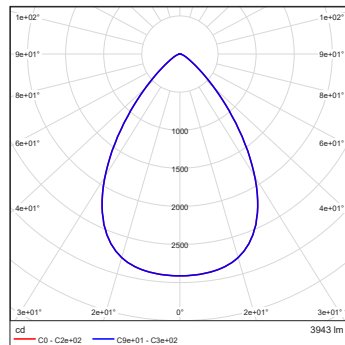
ArcSource Outdoor 48MC Integral  
RGBCW 30dg



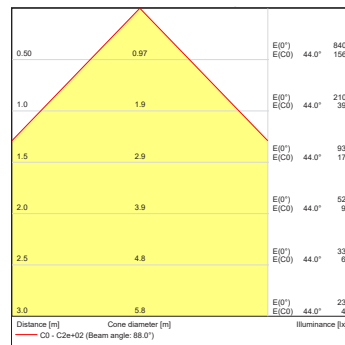
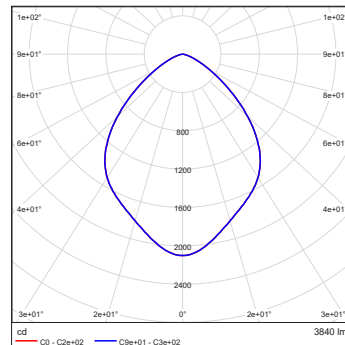
ArcSource Outdoor 48MC Integral  
RGBCW 40dg



ArcSource Outdoor 48MC Integral  
RGBCW 60dg

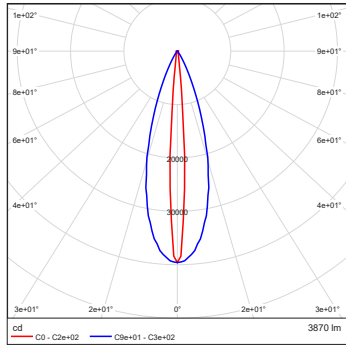


ArcSource Outdoor 48MC Integral  
RGBCW 90dg

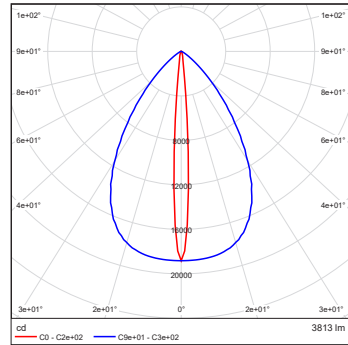


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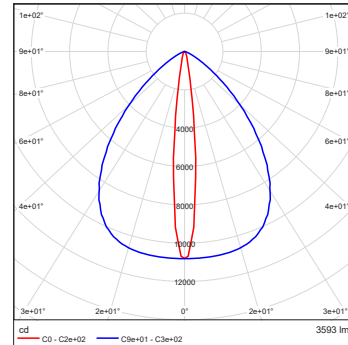
ArcSource Outdoor 48MC Integral  
RGBCW 7dg x 30dg



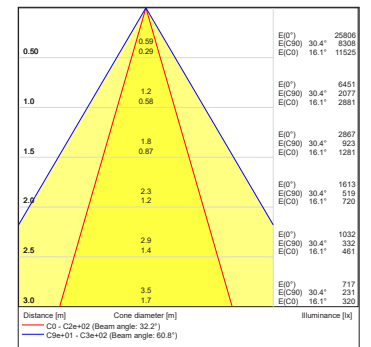
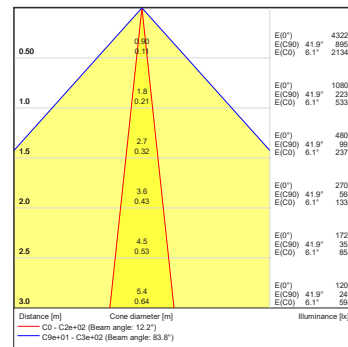
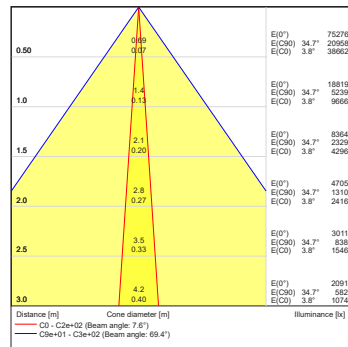
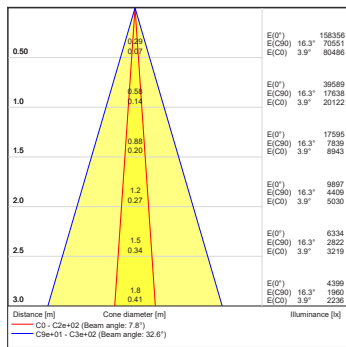
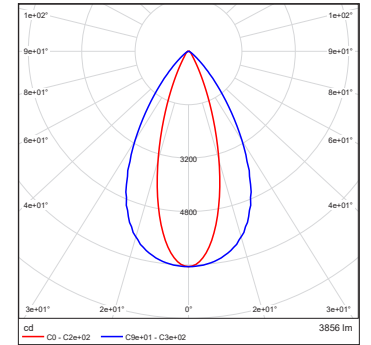
ArcSource Outdoor 48MC Integral  
RGBCW 7dg x 60dg



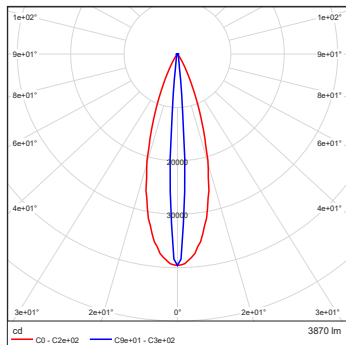
ArcSource Outdoor 48MC Integral  
RGBCW 10dg x 90dg



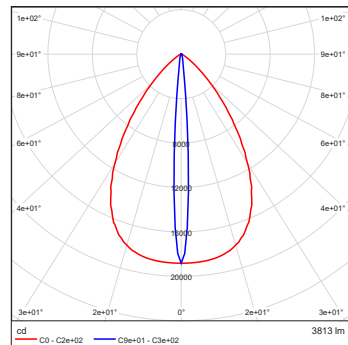
ArcSource Outdoor 48MC Integral  
RGBCW 35dg x 70dg



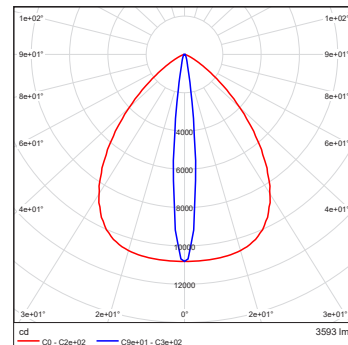
ArcSource Outdoor 48MC Integral  
RGBCW 30dg x 7dg



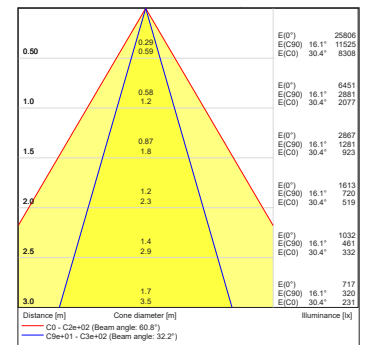
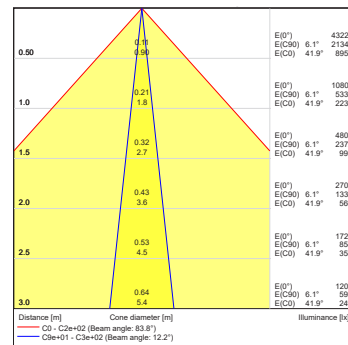
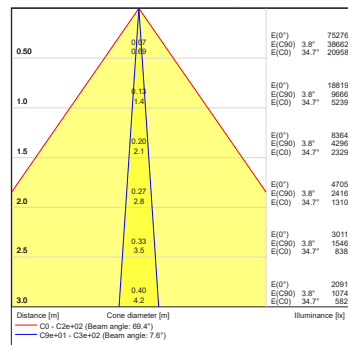
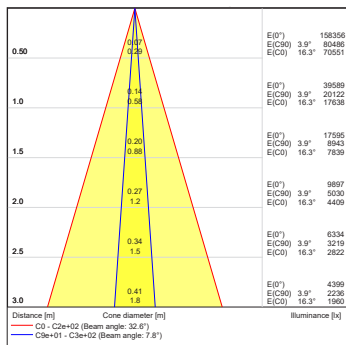
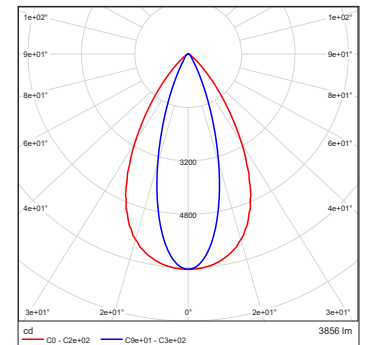
ArcSource Outdoor 48MC Integral  
RGBCW 60dg x 7dg



ArcSource Outdoor 48MC Integral  
RGBCW 90dg x 10dg

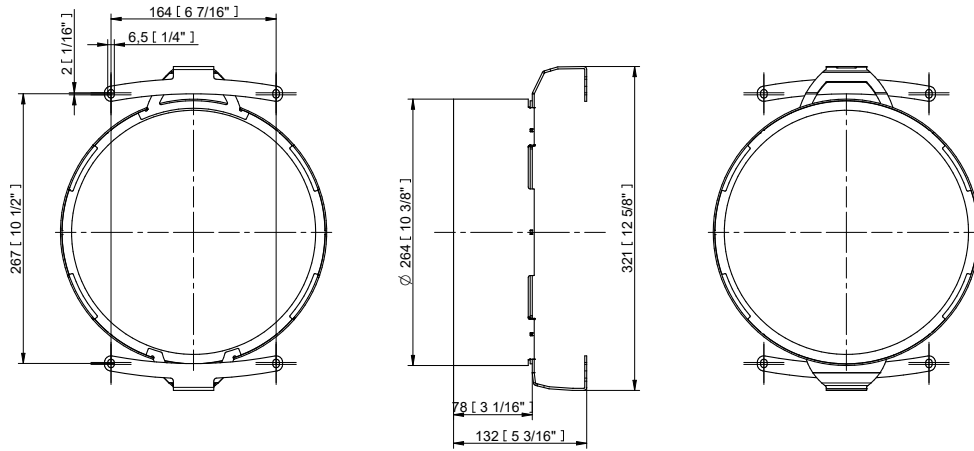


ArcSource Outdoor 48MC Integral  
RGBCW 70dg x 35dg

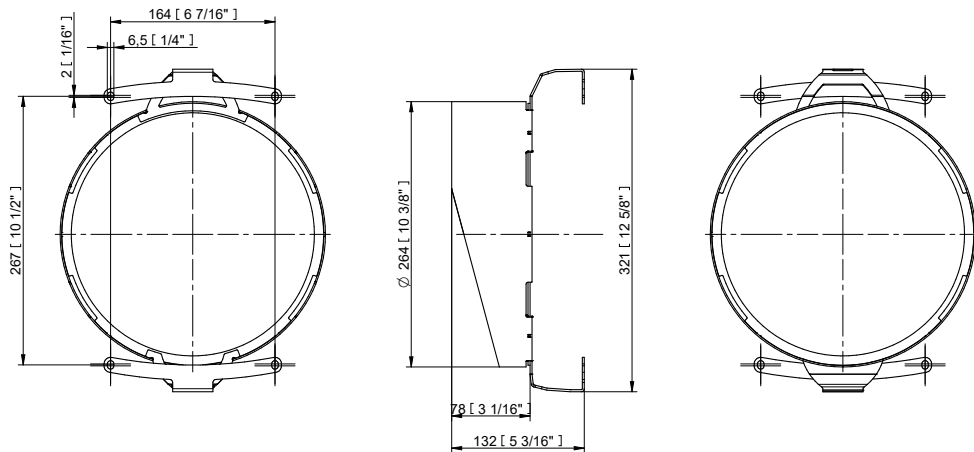


ACCESSORIES FOR ARCSOURCE OUTDOOR 48MC INTEGRAL

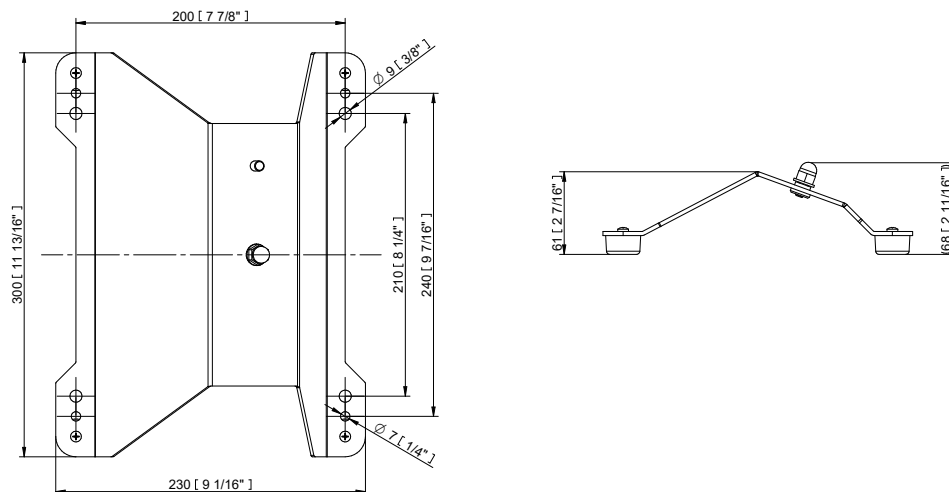
Top Hat



Half Top Hat

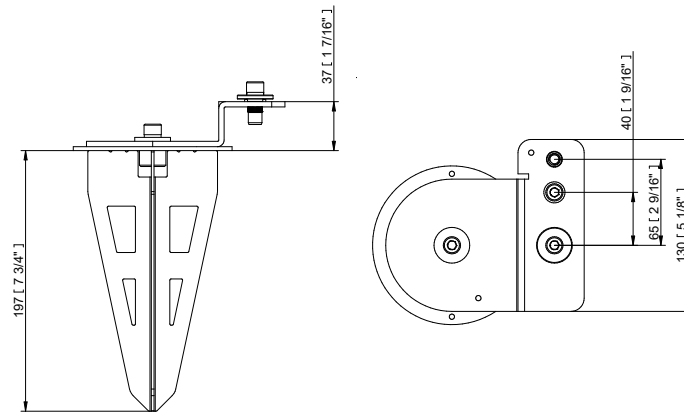


Floor Stand

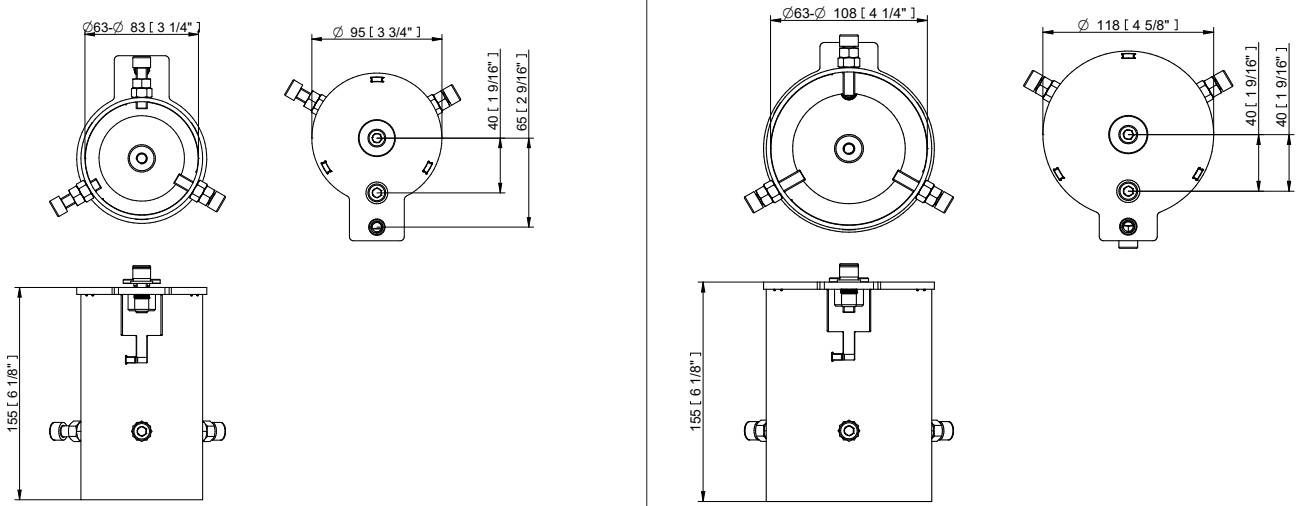


SPECIFICATION SHEET  
ARCSOURCE OUTDOOR 48MC INTEGRAL

Land Spike



Tenon Adapter  $\varnothing$  63 - 80 mm /  $\varnothing$  80 - 106 mm



Pole Clamp  $\varnothing$  63 - 80 mm |  $\varnothing$  80 - 105 mm

