

ARCSOURCE™ OUTDOOR 16MC INTEGRAL

Producing the same light output as the ArcSource™ Outdoor 16MC but with an integral power supply, this fixture reduces installation complexity. The fixture is available in a wide range of beam angles and colour variants, making it perfect for a broad range of applications including landscape, façade and structural illumination. Built to last, this fixture has an IP67 rating, meaning it is tough enough to withstand the harshest weather conditions.



KEY FEATURES

Smallest of the outdoor multichip family, powerful and robust with integrated driver & control electronics.

Lumen Output & Light Source

Lumen output of 1,383 lm is provided by four high-power multichip LEDs (RGBCW version).

Projected Lumen Maintenance

The projected lumen maintenance is 90,000 hours (L90B10).

Power Consumption

42W energy consumption provides excellent efficiency at low operating costs.

Physical

The durable cast aluminium body with a lens covered by tempered glass provides a stylish, compact lighting solution with IP67 certification. The fixture's physical dimensions are 179 x 239 x 176 mm (7.0 x 9.4 x 6.93 in.) and it weighs 5.23 kg (11.53 lbs).

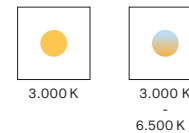
COLOURS

* UPON REQUEST



COLOUR TEMPERATURE

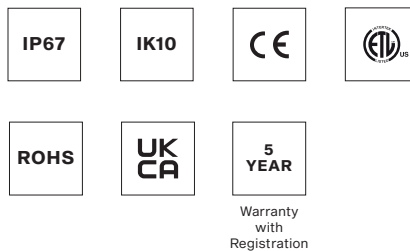
* UPON REQUEST



CONTROL & PROTOCOLS

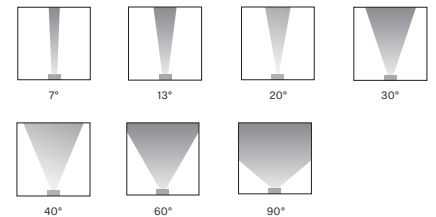


STANDARD & SPECIFICATION

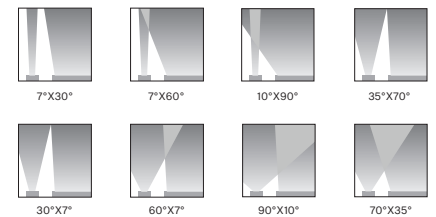


OPTIC OPTIONS

SYMMETRICAL



BI-SYMMETRICAL



FINISH OPTIONS



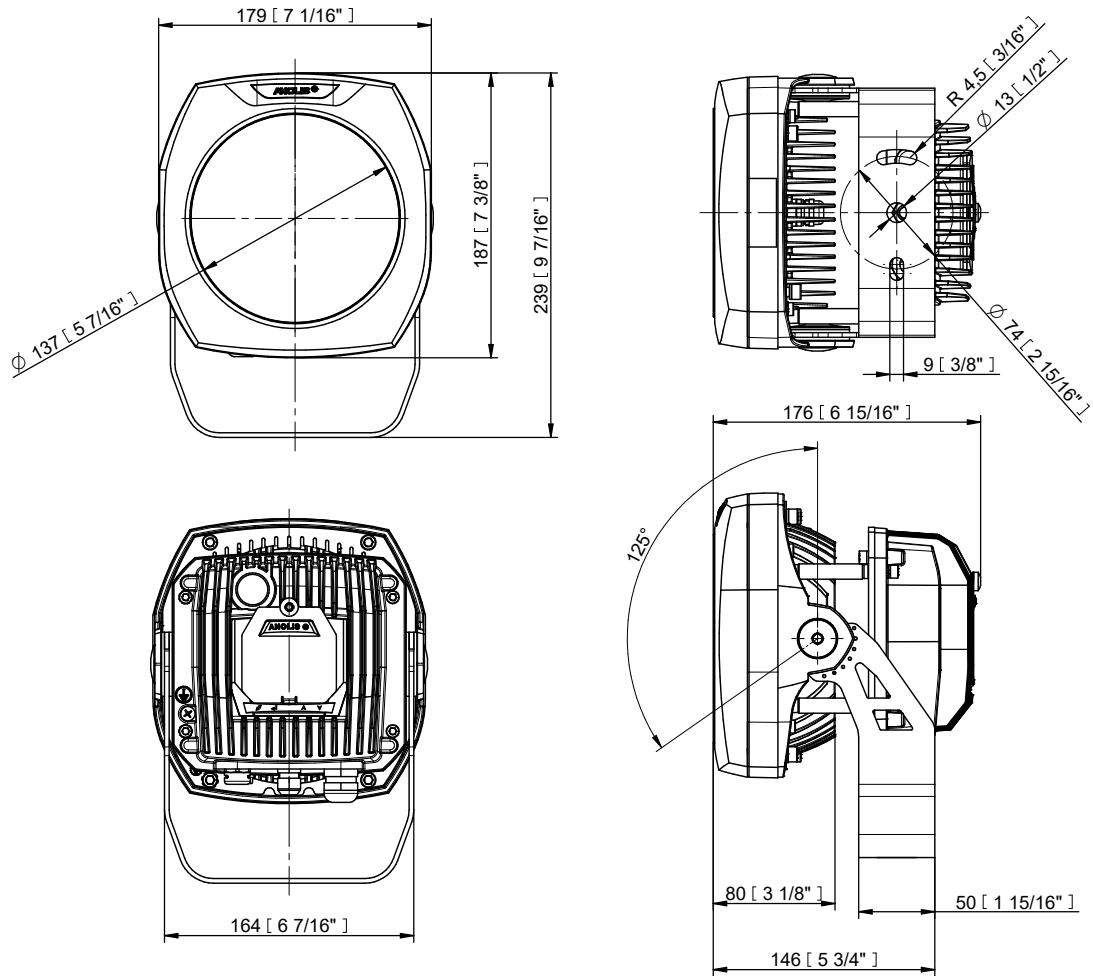
ARCSOURCE OUTDOOR 16MC INTEGRAL SPECIFICATION

ELECTRICAL	Input Voltage	100 - 240 V AC 50/60 Hz (CE)	
		100 - 277 V AC 50/60 Hz (US)	
	Typical Power Consumption	42 W +/- 10 %	
OPTICAL	Light Source	4 x High Power Multichip LEDs	
	Colour Variants	RGBW (W - 6500 K) RGBA PW (W - 3000 K)	
		Upon Request TW (3000 - 6500 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	1.383 lm (RGBW 7° W - 6500 K, all LEDs on full, 700 mA)	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
CONTROL	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	
PHYSICAL	Width x Height x Depth	179 x 239 x 176 mm 7.0 x 9.4 x 6.93 in.	
	Weight	5.23 kg 11.53 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 IK Rating	IP67 (IP66 Junction Box) / Suitable For Wet Locations IK06	
	Cooling System	Convection	
	Operating Ambient Temperature	-20 °C / +45 °C (-4 °F / +113 °F)	
	Operating Temperature	+80 °C @ Ambient +45 °C (+176 °F @ Ambient +113 °F)	
	Total Heat Dissipation	140 BTU/h (calculated)	
	CERTIFICATION	Listings	ETL / cETL, CE, RoHS, UKCA
ACCESSORIES		Optical Demo Set for ArcSource Outdoor 16 MC Integral	
		Top Hat ArcSource Outdoor 16 MC	
		Half Top Hat ArcSource Outdoor 16 MC	
		Floor Stand ArcSource Outdoor 16 MC	
		Land Spike for ASO 16MC	
		Tenon Adaptor for ASO 16MC (63 - 80 mm 80 - 106 mm)	
	Pole Clamp for ASO 16MC (63 - 80 mm 80 - 105 mm)		

ARCSOURCE OUTDOOR 16MC INTEGRAL FLICKERING FREQUENCY

Frequency	
FlickerFree mode OFF	300 Hz (all the time)
FlickerFree mode ON	from 300Hz to 153,8kHz (depends on the dimmer level)

DIMENSIONS



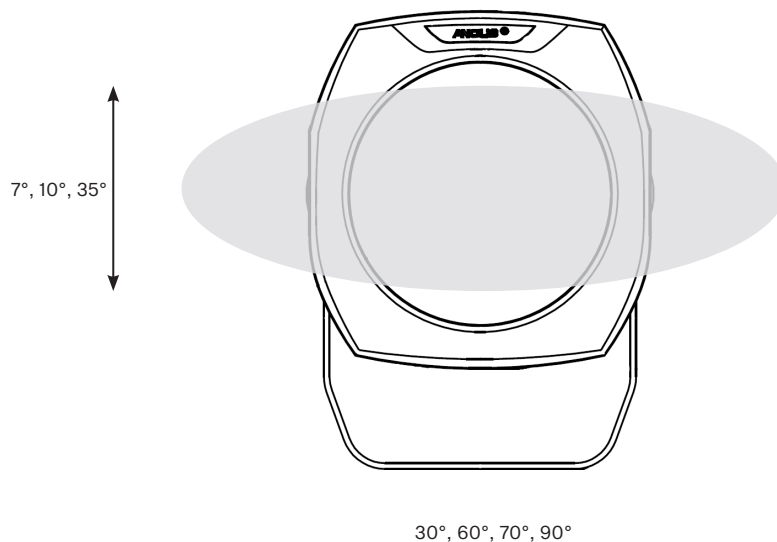
PHOTOMETRIC OVERVIEW

Lumen Output (lm)

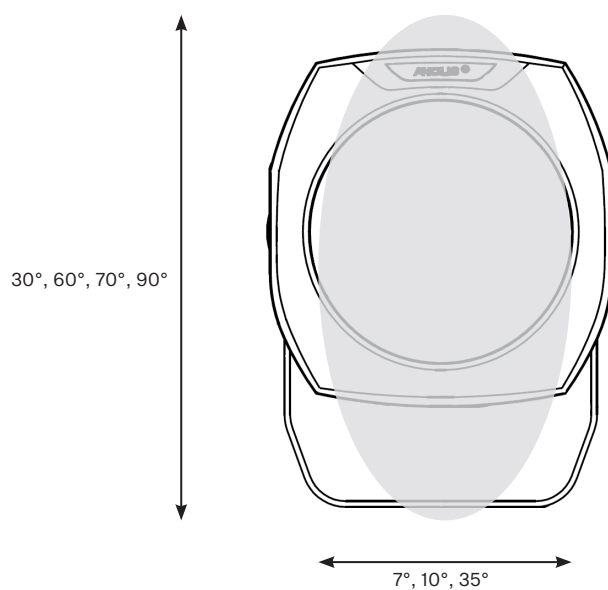
	RGBCW (W 6500 K)	RGBA	CW (6500 K)	WW (W 3000 K)
7°	1 383	1 221	1 947	1 383
13°	1 383	1 221	1 947	1 383
20°	1 366	1 205	1 923	1 366
30°	1 361	1 201	1 916	1 361
40°	1 358	1 198	1 911	1 358
60°	1 354	1 196	1 907	1 354
90°	1 319	1 164	1 857	1 319
7° x 30°, 30° x 7°	1 329	1 173	1 871	1 329
7° x 60°, 60° x 7°	1 310	1 156	1 844	1 310
35° x 70°, 70° x 35°	1 325	1 169	1 865	1 325
10° x 90°, 90° x 10°	1 234	1 089	1 738	1 234

BI-SYMMETRICAL BEAM ANGLES

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

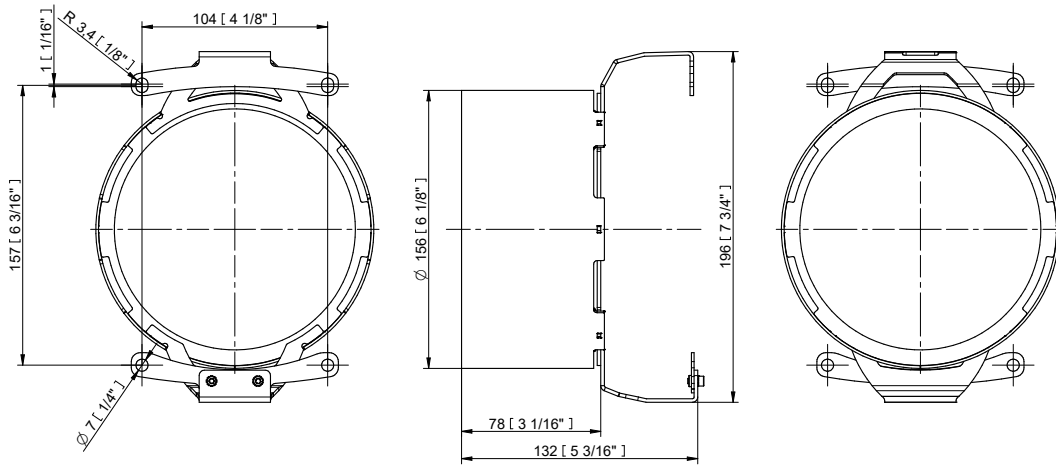


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°

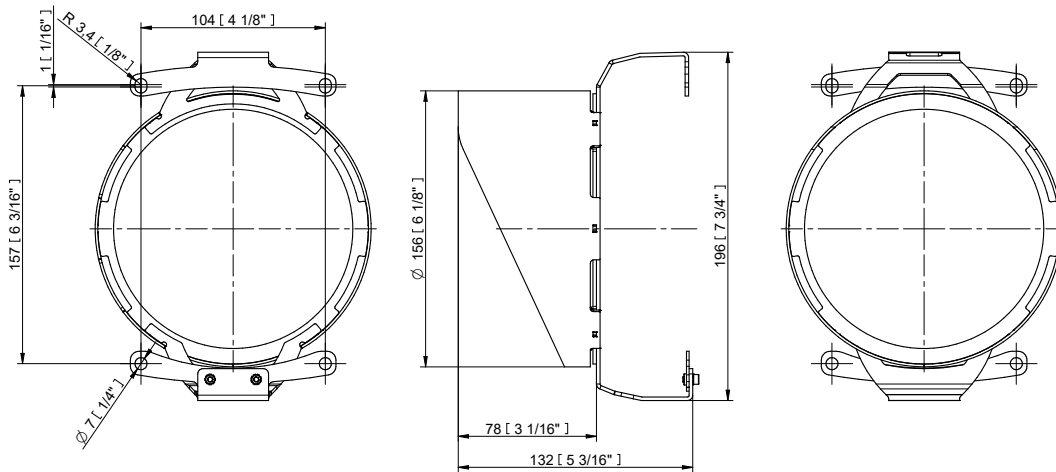


ACCESSORIES FOR ARCSOURCE OUTDOOR 16MC INTEGRAL

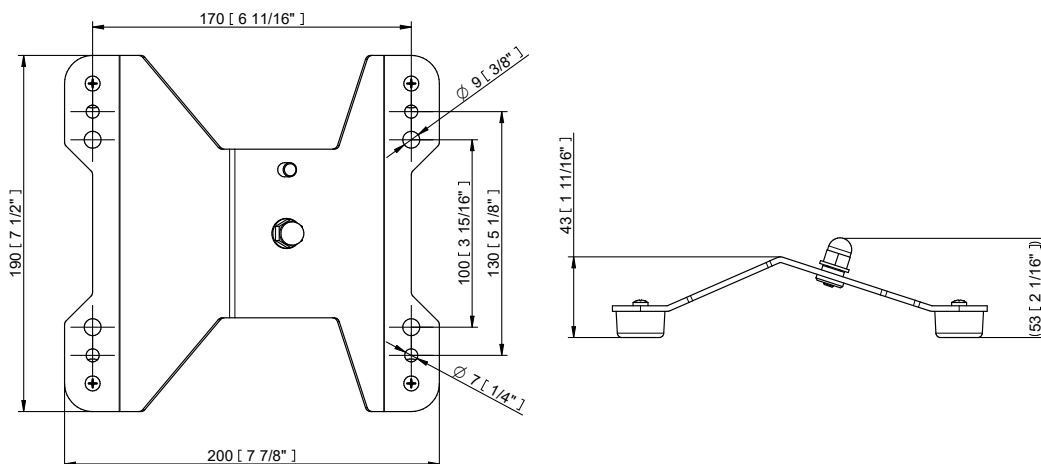
Top Hat



Half Top Hat

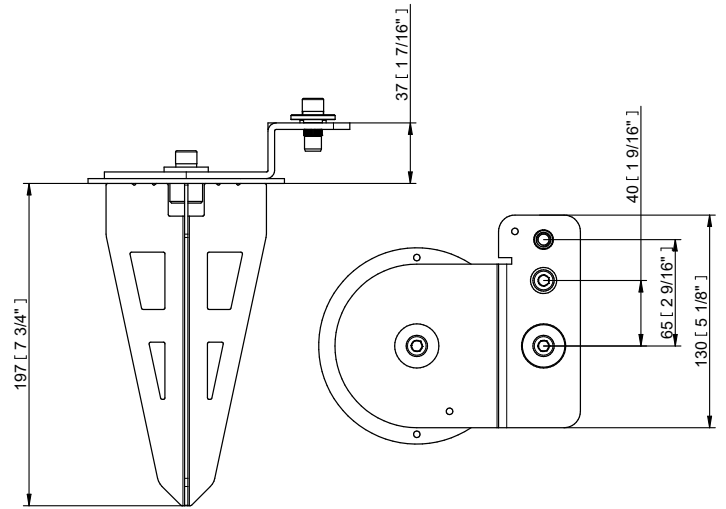
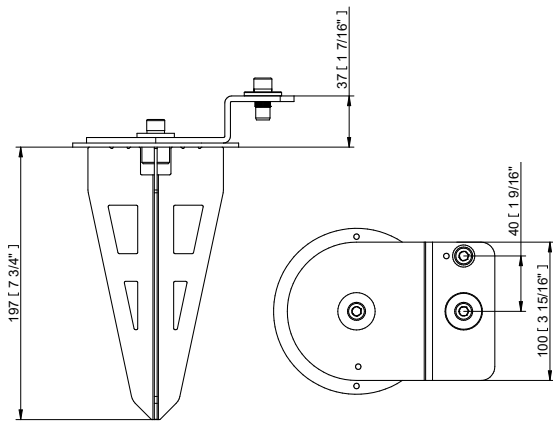


Floor Stand

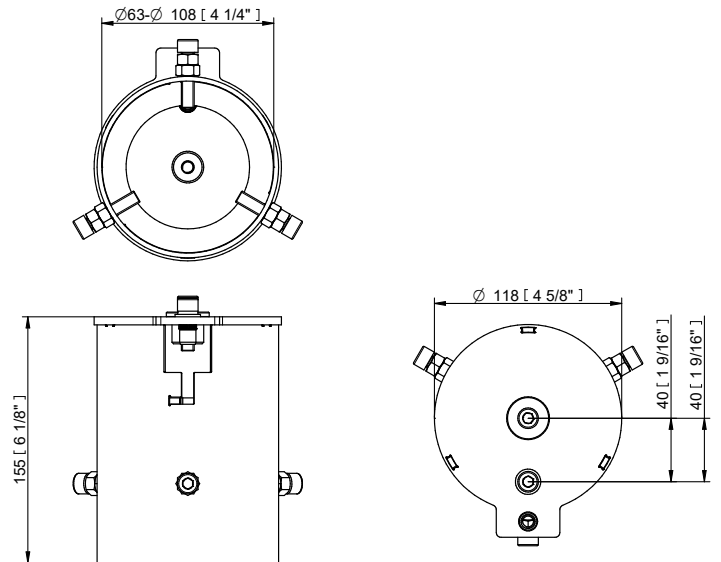
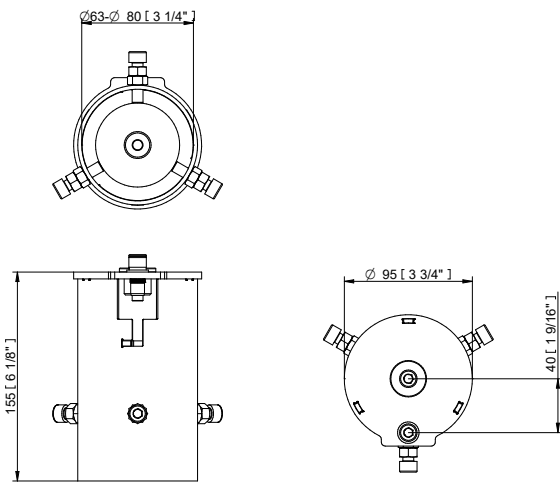


SPECIFICATION SHEET
ARCSOURCE OUTDOOR 16MC INTEGRAL

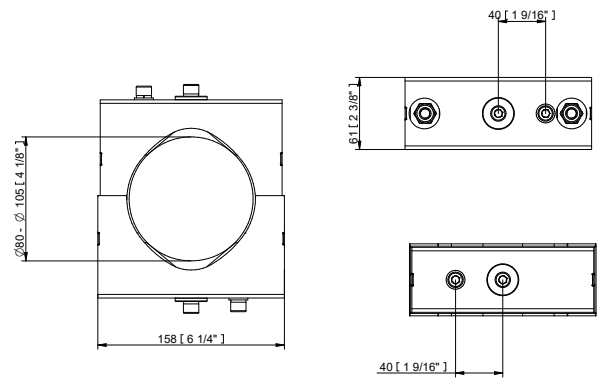
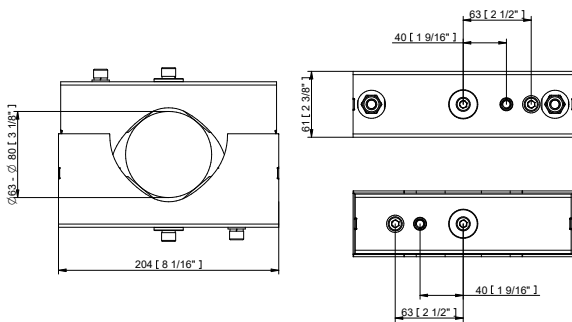
Land Spike 100 mm / 130 mm



Tenon Adaptor \varnothing 63 - 80 mm / \varnothing 80 - 106 mm



Pole Clamp \varnothing 63 - 80 mm / \varnothing 80 - 105 mm

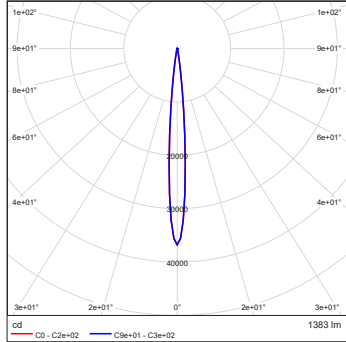


SPECIFICATION SHEET

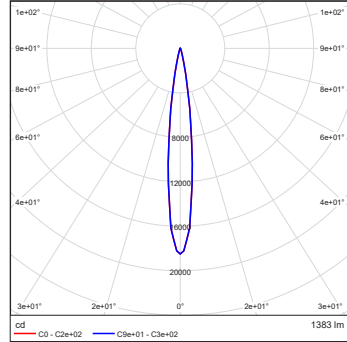
ARCSource OUTDOOR 16MC INTEGRAL

PHOTOMETRIC DATA

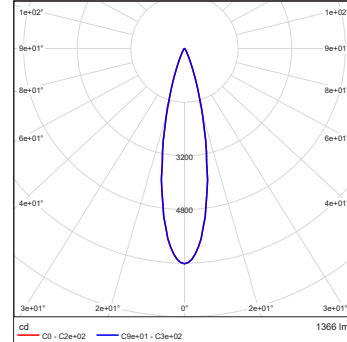
ArcSource Outdoor 16MC Integral
RGBCW 7dg



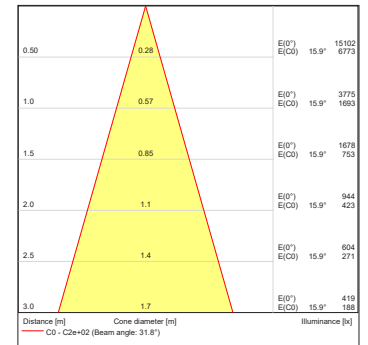
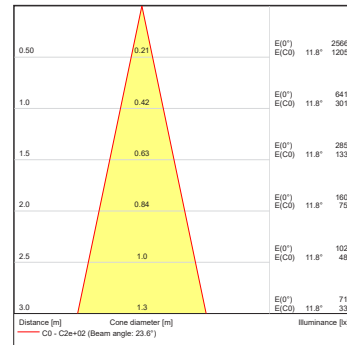
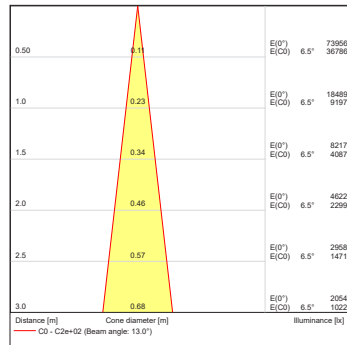
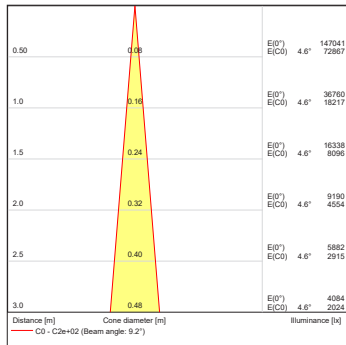
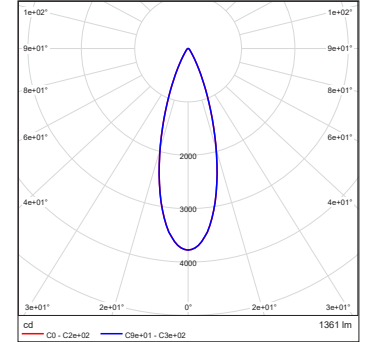
ArcSource Outdoor 16MC Integral
RGBCW 13dg



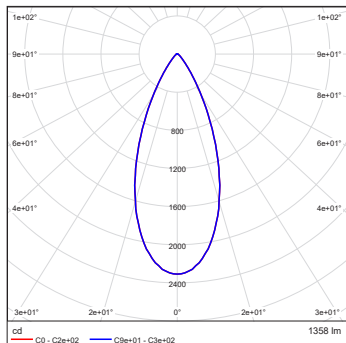
ArcSource Outdoor 16MC Integral
RGBCW 20dg



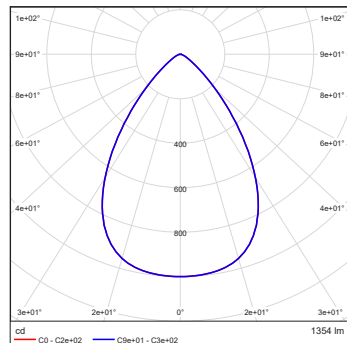
ArcSource Outdoor 16MC Integral
RGBCW 30dg



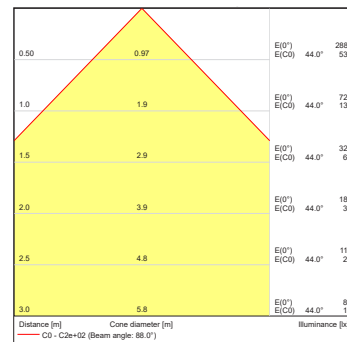
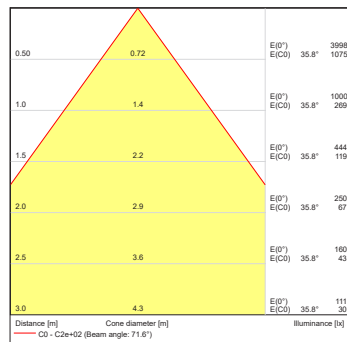
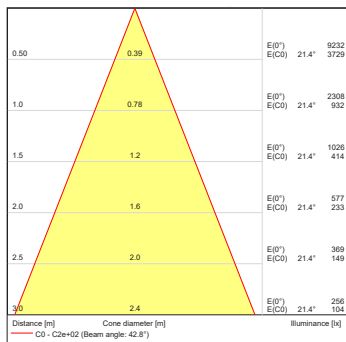
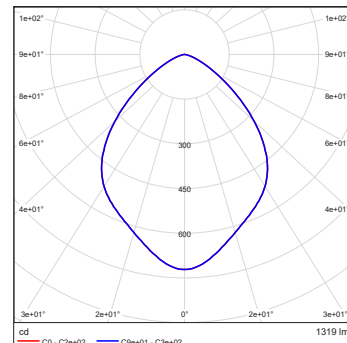
ArcSource Outdoor 16MC Integral
RGBCW 40dg



ArcSource Outdoor 16MC Integral
RGBCW 60dg

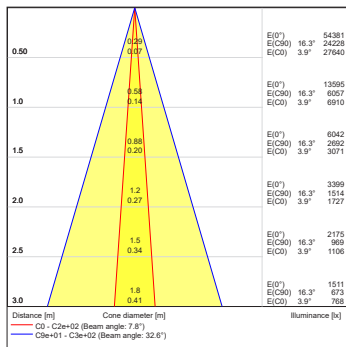
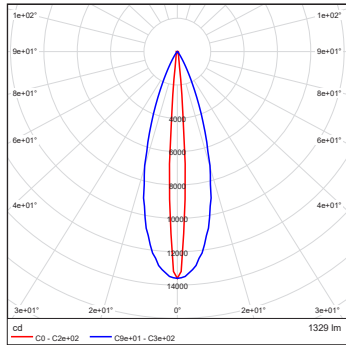


ArcSource Outdoor 16MC Integral
RGBCW 90dg

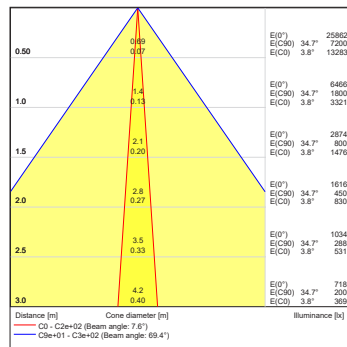
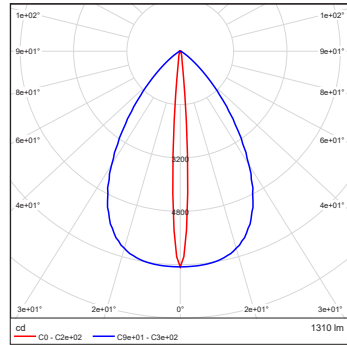


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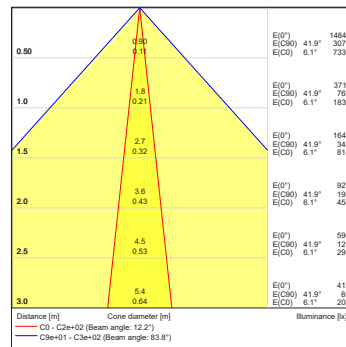
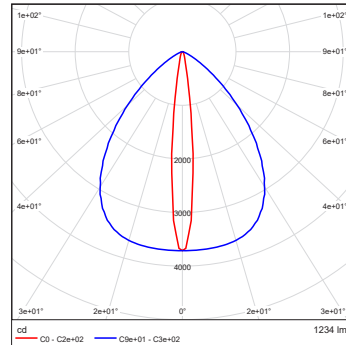
ArcSource Outdoor 16MC Integral
RGBCW 7dg x 30dg



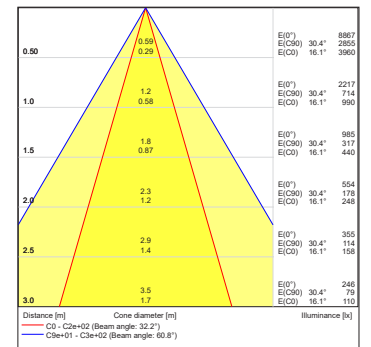
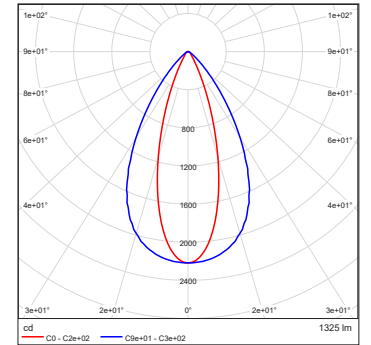
ArcSource Outdoor 16MC Integral
RGBCW 7dg x 60dg



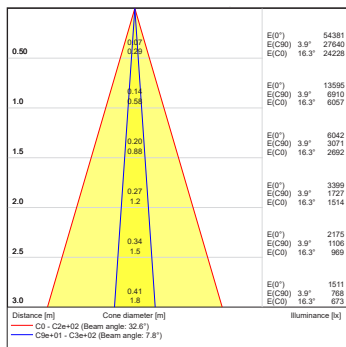
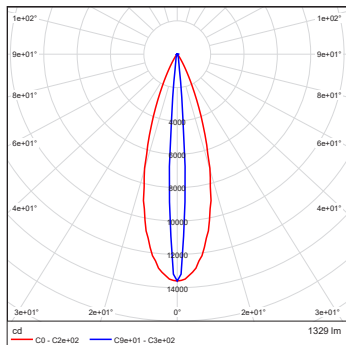
ArcSource Outdoor 16MC Integral
RGBCW 10dg x 90dg



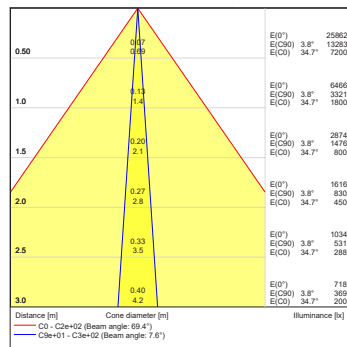
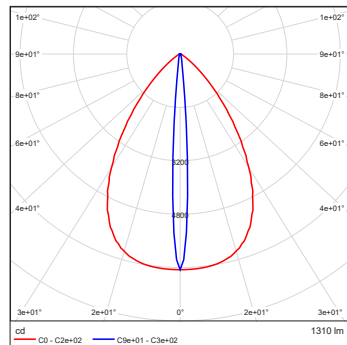
ArcSource Outdoor 16MC Integral
RGBCW 35dg x 70dg



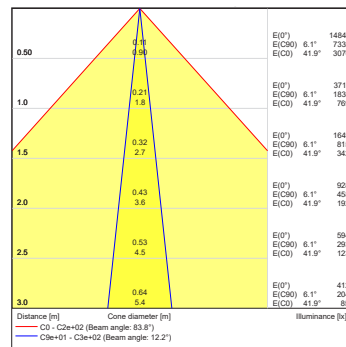
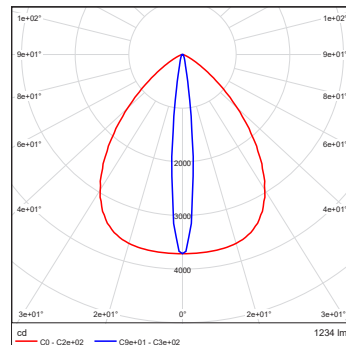
ArcSource Outdoor 16MC Integral
RGBCW 30dg x 7dg



ArcSource Outdoor 16MC Integral
RGBCW 60dg x 7dg



ArcSource Outdoor 16MC Integral
RGBCW 90dg x 10dg



ArcSource Outdoor 16MC Integral
RGBCW 70dg x 35dg

