

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 60,000 hours (L70@ 25 °C).

Power Consumption

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

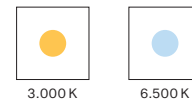
Physical

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



COLOUR TEMPERATURE

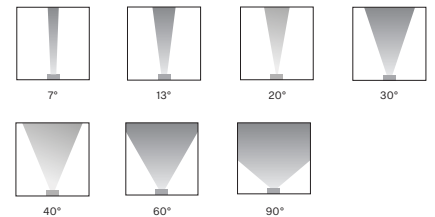


CONTROL & PROTOCOLS

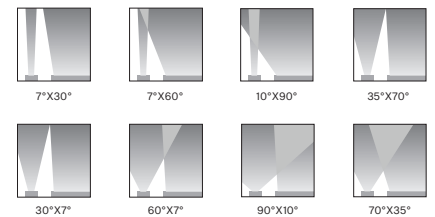


OPTIC OPTIONS

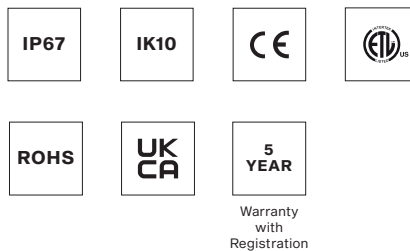
SYMMETRICAL



BI-SYMMETRICAL



STANDARD & SPECIFICATION



FINISH OPTIONS



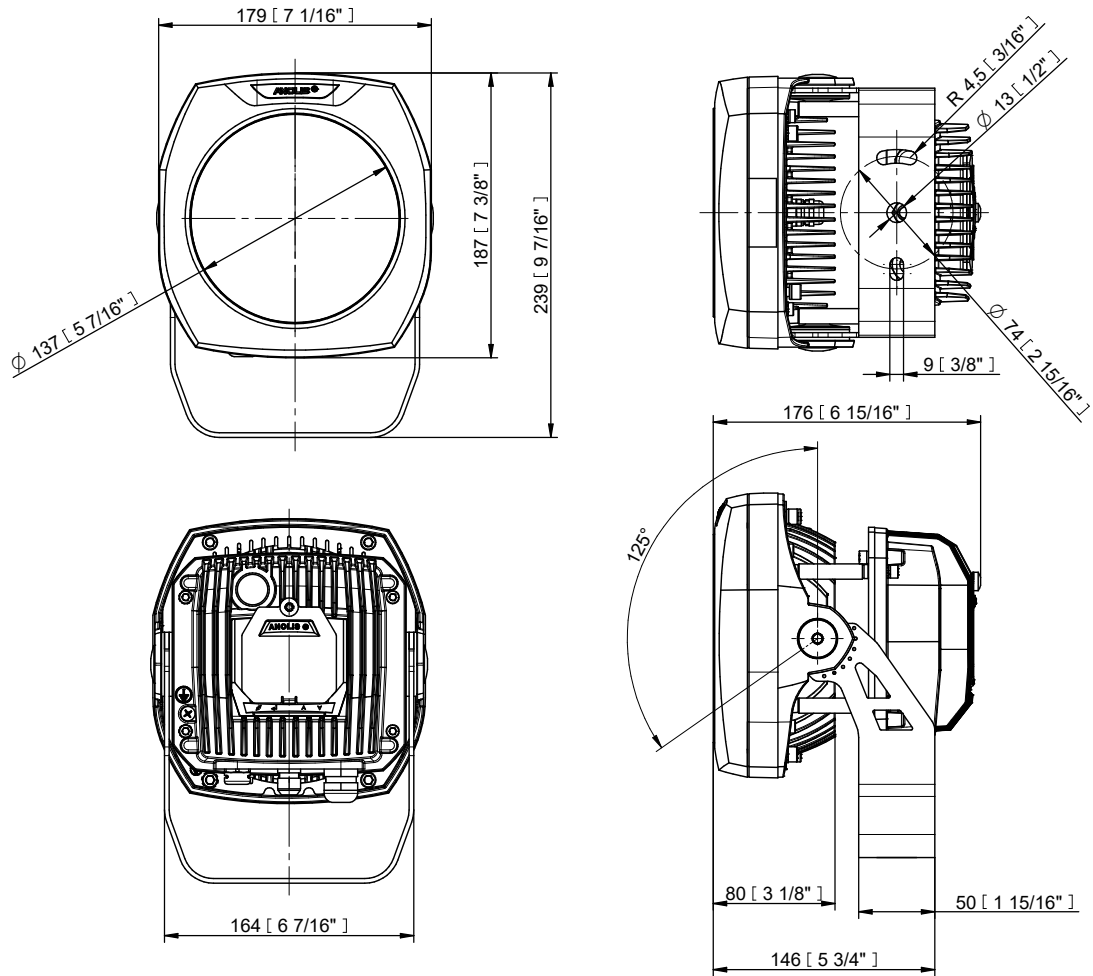
ARCSOURCE OUTDOOR 16MC INTEGRAL SPECIFICATION

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)	
	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



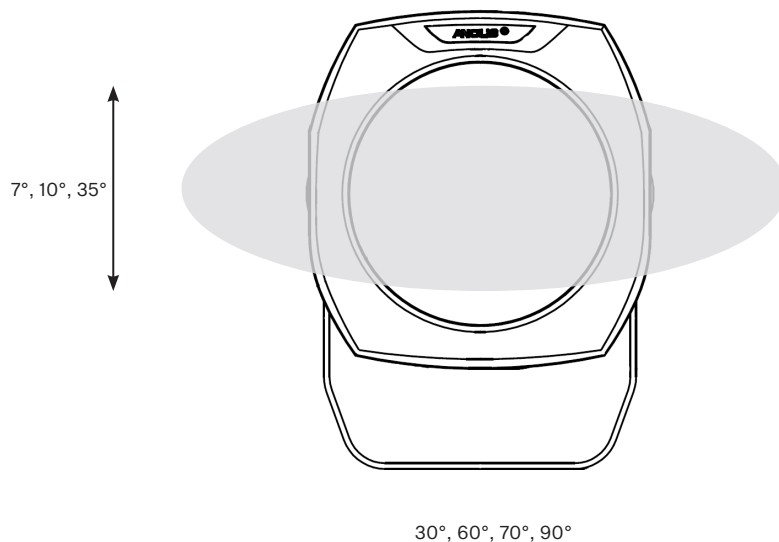
PHOTOMETRIC OVERVIEW

Lumen Output (lm)

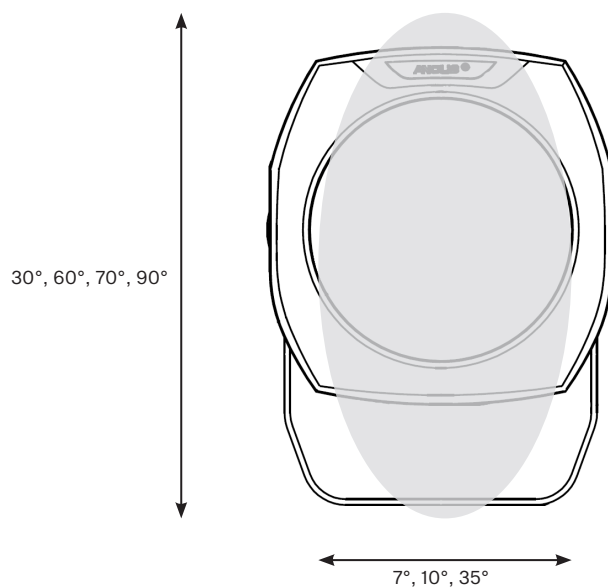
	RGBCW (W 6500 K)	RGBA	CW (6500 K)	WW (W 3000 K)	SW (W 5000 K)
7°	1383	1221	1947	1383	1532
13°	1383	1221	1947	1383	1532
20°	1366	1205	1923	1366	1513
30°	1361	1201	1916	1361	1508
40°	1358	1198	1911	1358	1504
60°	1354	1196	1907	1354	1500
90°	1319	1164	1857	1319	1461
7° x 30°, 30° x 7°	1329	1173	1871	1329	1472
7° x 60°, 60° x 7°	1310	1156	1844	1310	1451
35° x 70°, 70° x 35°	1325	1169	1865	1325	1467
10° x 90°, 90° x 10°	1234	1089	1738	1234	1368

BI-SYMMETRICAL BEAM ANGLES

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

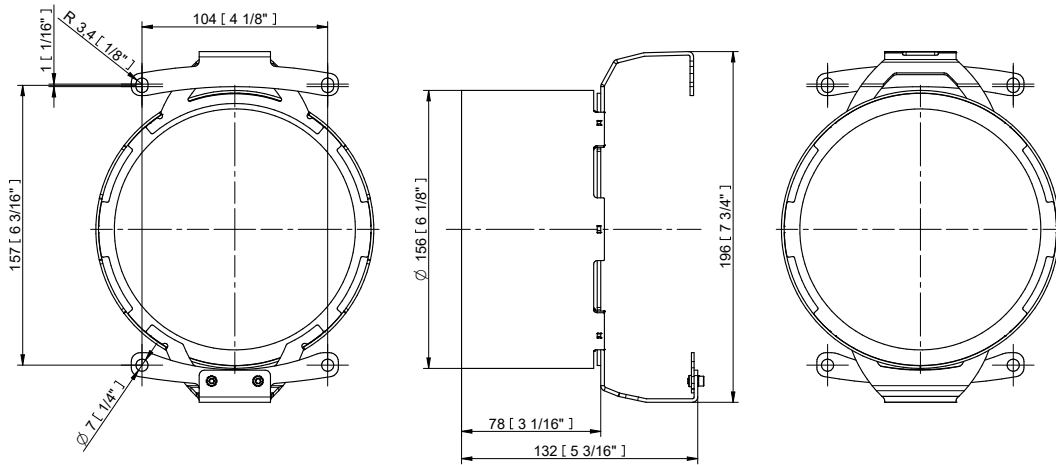


Bi-symmetrical: 30°x7°, 60°x7°, 70°x35°, 90°x10°

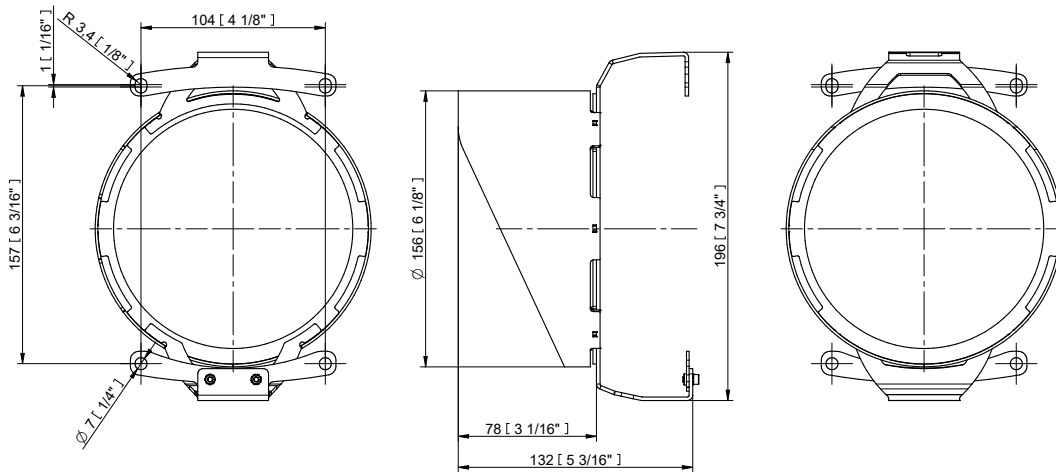


ACCESSORIES FOR ARCSOURCE OUTDOOR 16MC INTEGRAL

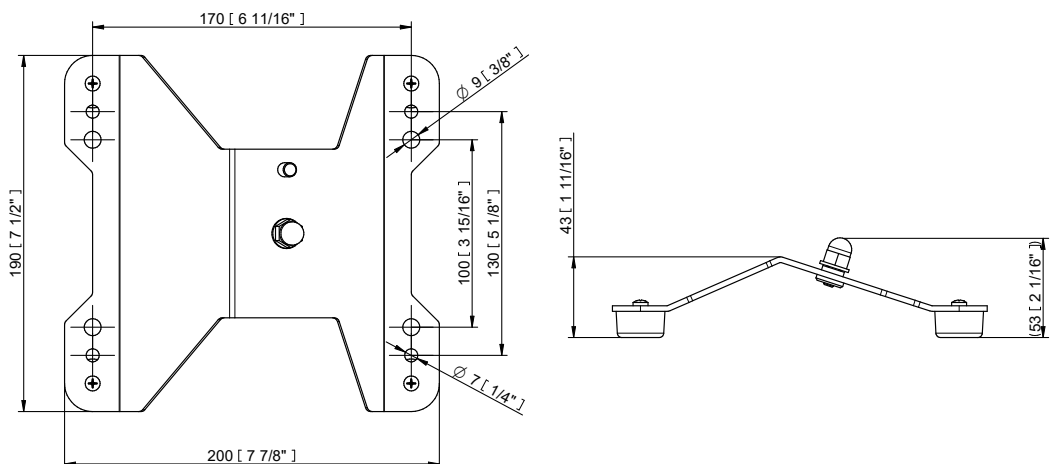
Top Hat



Half Top Hat

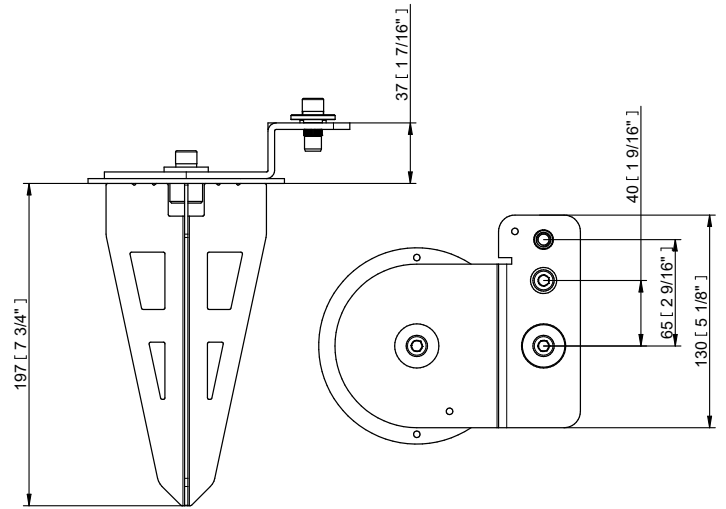
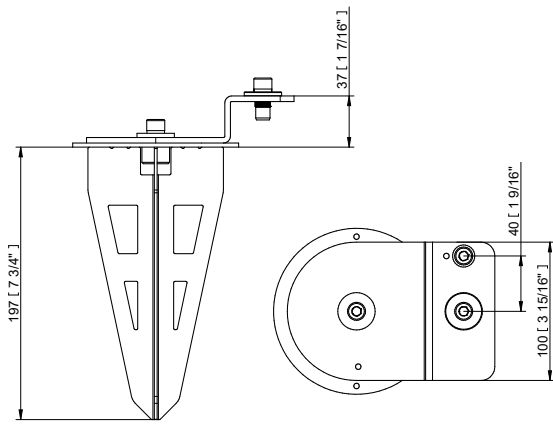


Floor Stand

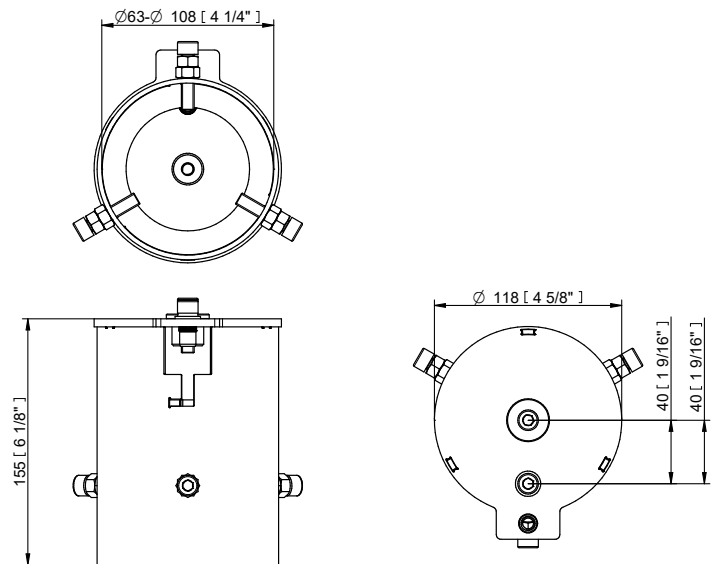
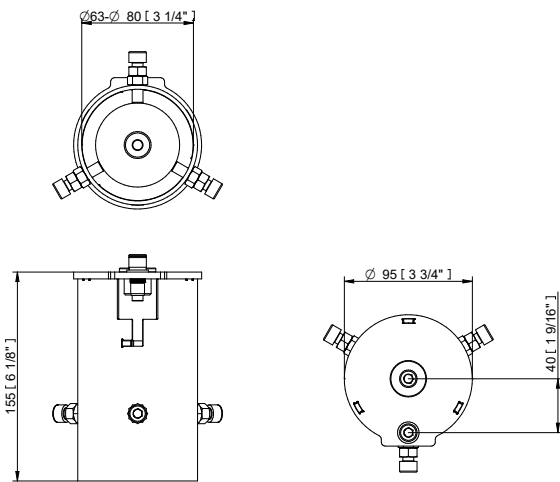


SPECIFICATION SHEET
ARCSOURCE OUTDOOR 16MC INTEGRAL

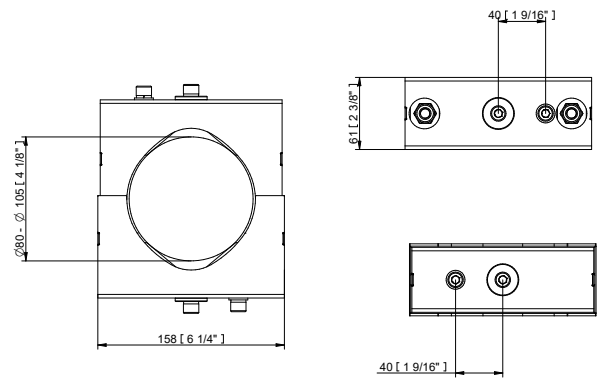
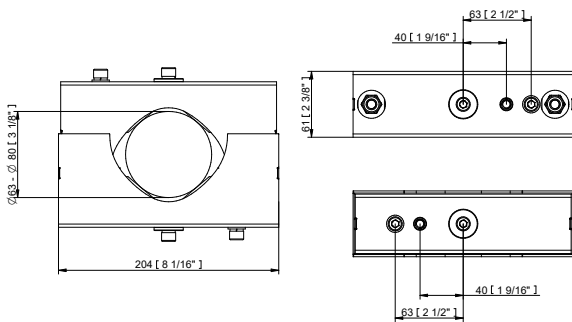
Land Spike 100 mm / 130 mm



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

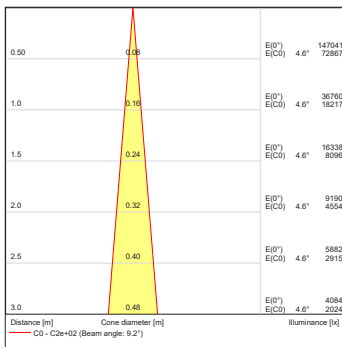
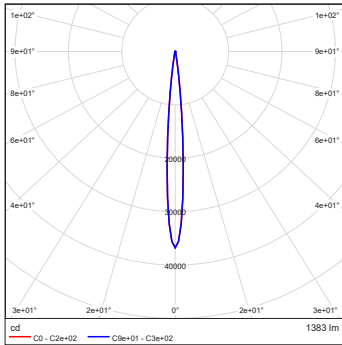


Pole Clamp \varnothing 63 - 80 mm / \varnothing 80 - 105 mm

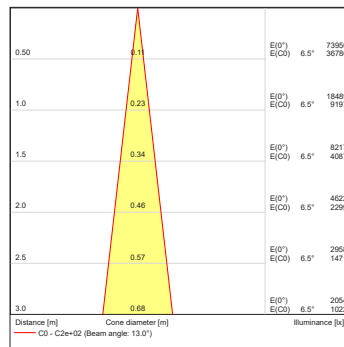
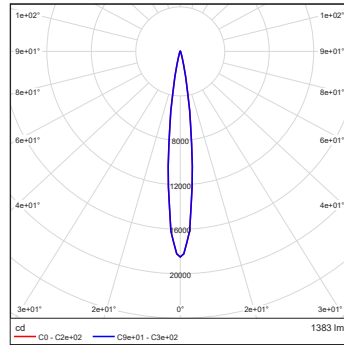


PHOTOMETRIC DATA

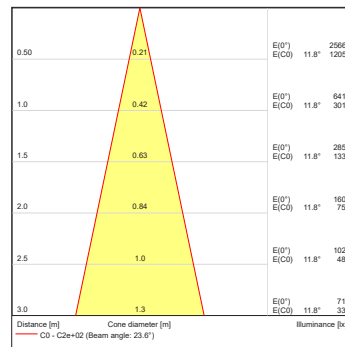
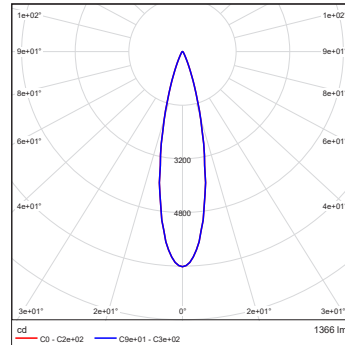
ArcSource Outdoor 16MC Integral
RGBCW 7dg



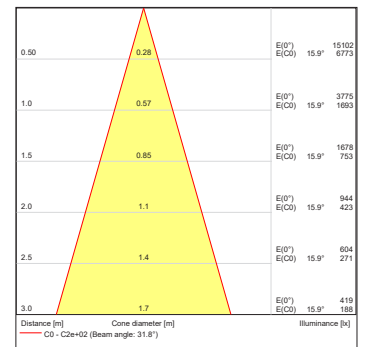
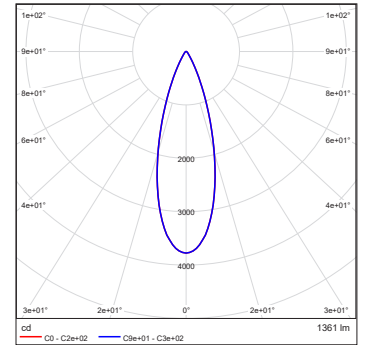
ArcSource Outdoor 16MC Integral
RGBCW 13dg



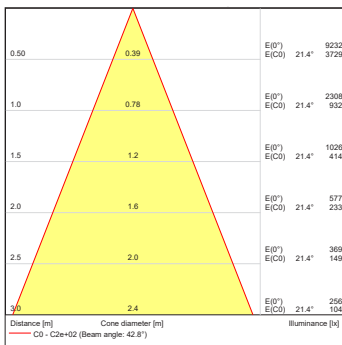
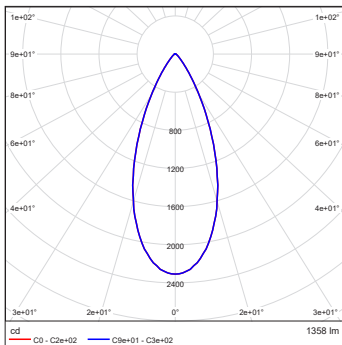
ArcSource Outdoor 16MC Integral
RGBCW 20dg



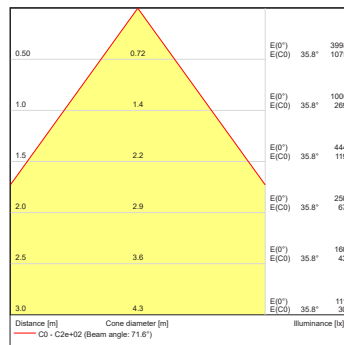
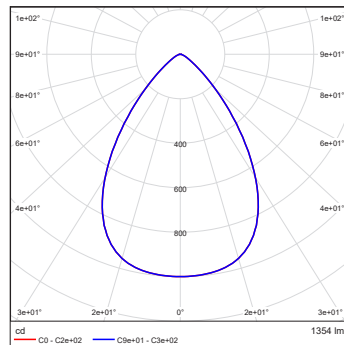
ArcSource Outdoor 16MC Integral
RGBCW 30dg



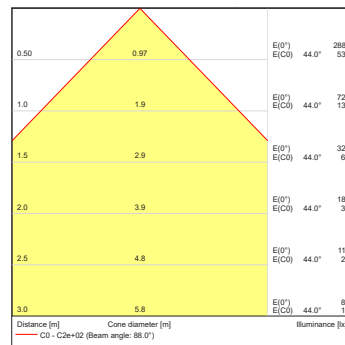
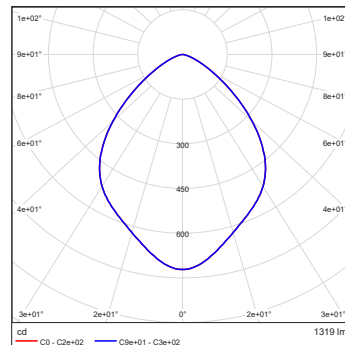
ArcSource Outdoor 16MC Integral
RGBCW 40dg



ArcSource Outdoor 16MC Integral
RGBCW 60dg

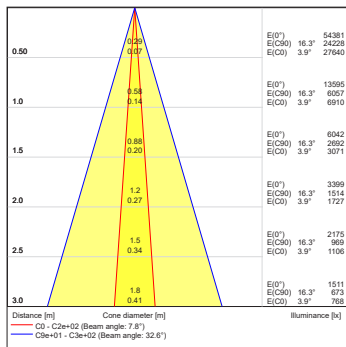
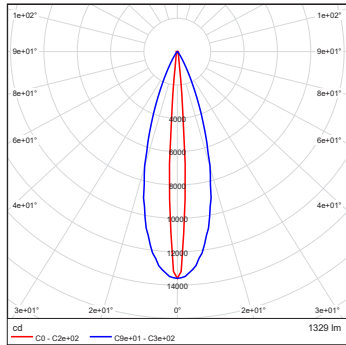


ArcSource Outdoor 16MC Integral
RGBCW 90dg

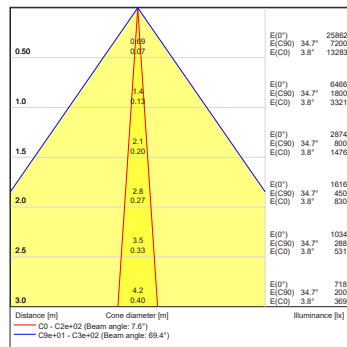
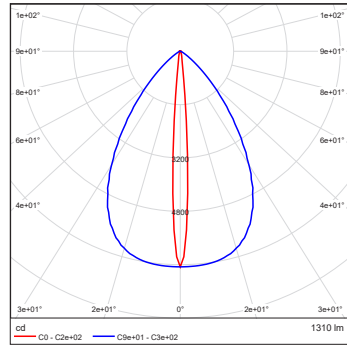


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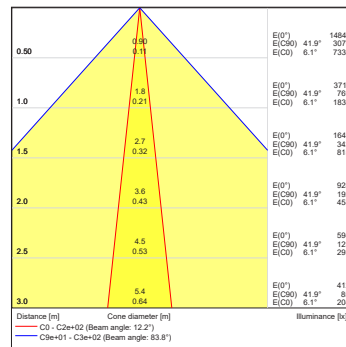
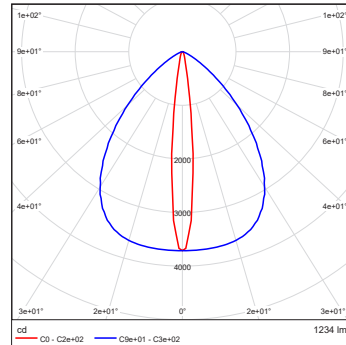
ArcSource Outdoor 16MC Integral
RGBCW 7dg x 30dg



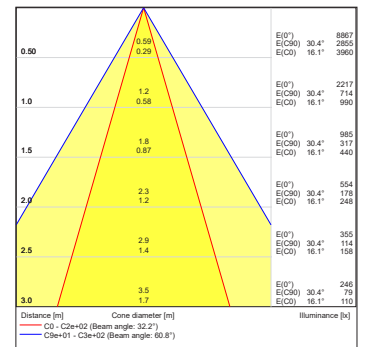
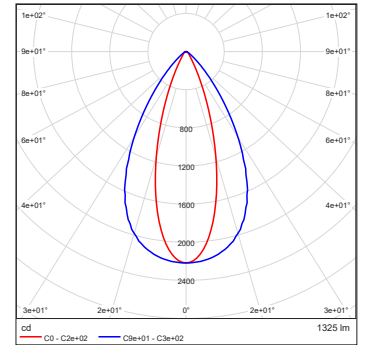
ArcSource Outdoor 16MC Integral
RGBCW 7dg x 60dg



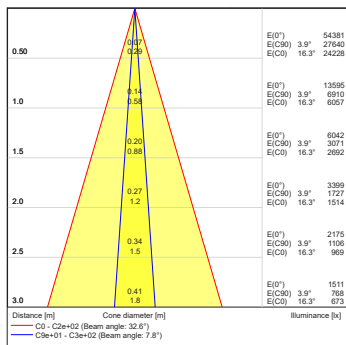
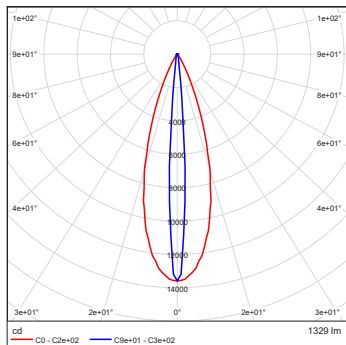
ArcSource Outdoor 16MC Integral
RGBCW 10dg x 90dg



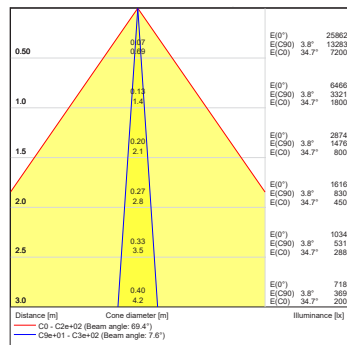
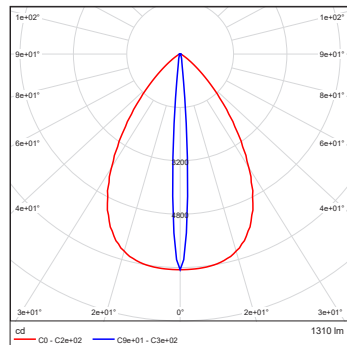
ArcSource Outdoor 16MC Integral
RGBCW 35dg x 70dg



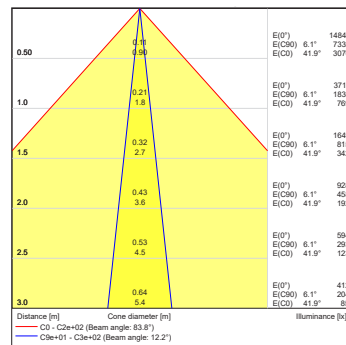
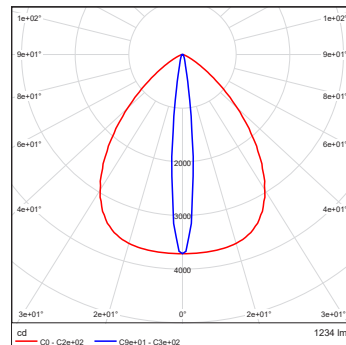
ArcSource Outdoor 16MC Integral
RGBCW 30dg x 7dg



ArcSource Outdoor 16MC Integral
RGBCW 60dg x 7dg



ArcSource Outdoor 16MC Integral
RGBCW 90dg x 10dg



ArcSource Outdoor 16MC Integral
RGBCW 70dg x 35dg

