

ARCSOURCE™ INGROUND 24MC INTEGRAL

Difficult inground installations are made easier with the ArcSource™ Inground 24MC Integral. The fixture only requires mains power when combined with the wireless control capability - drastically reducing installation time and cost. High light output comes from six powerful Multichip LEDs and it can be used with a variety of optics, from narrow to wide, in addition to an asymmetrical option. The light source can be remotely tilted +/- 15° from the horizontal position, always ensuring accurate illumination of the selected surface. Additionally, ArcSource™ Inground 24 Integral can be equipped with anti-skid glass featuring the highest standards of certification for anti-slip usage having no impact on the fixture's outstanding colourmixing.



KEY FEATURES

Inground light source - integrated electronics & remote adjustable beam position.

Lumen Output & Light Source

Providing perfectly mixed color with luminous flux up to 1.542 lm, the 65W ArcSource Inground 24MC Integral luminaire utilizes RGBW LED Multi-chips with 7° optics. Its excellent lumen maintenance of 60,000 hrs (L70/B50) provides a dependable and long-term lighting installation.

Physical

Protected underground by high-pressure, die-cast aluminum, the above-ground stainless steel and glass cover provides an elegant and durable lighting solution in all kind of weather. The glass cover can be clear for wall and ceiling installations, or with anti-skid treatment for in-ground applications, and its durability is guaranteed by IP68 and IK10 certification.

CONTROL & PROTOCOLS



STANDARD & SPECIFICATION



FINISH OPTION



Stainless Steel

COLOURS * UPON REQUEST



RGBW



RGBA



Pure White



Tuneable White*

OPTIC OPTIONS

CLEAR GLASS



7°



24°



34°



7x42°



42x7°

COLOUR TEMPERATURES * UPON REQUEST



3.000 K



6.500 K*



2.700 K*
-
6.500 K

ANTI-SKID GLASS



16°



28°



33°



16x42°



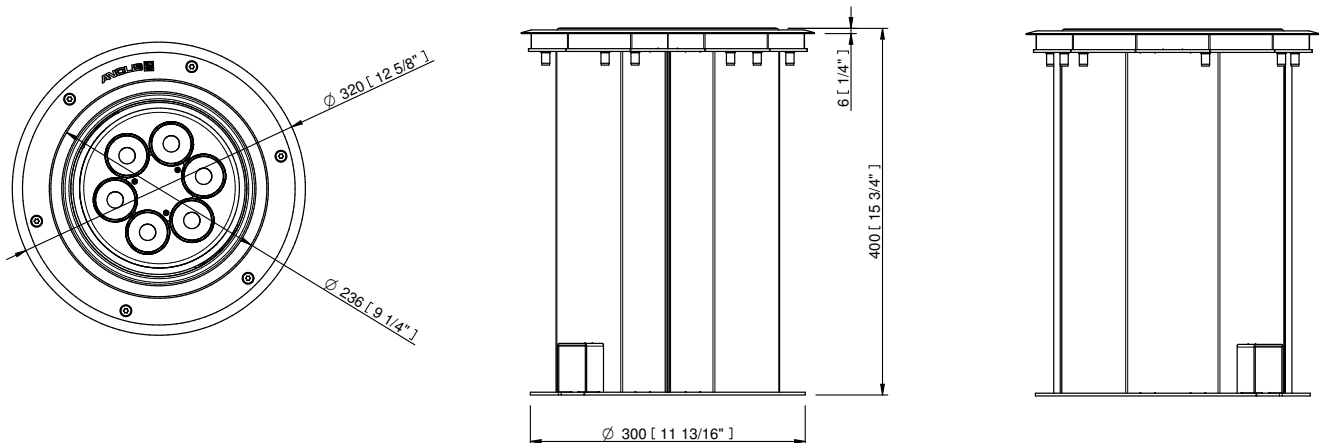
42x16°

ARCSOURCE INGROUND 24MC INTEGRAL SPECIFICATION

ELECTRICAL	Input Voltage	100 - 277 V AC 50/60 Hz			
	Typical Power Consumption	65 W @ 230 V			
OPTICAL	Light Source	6 x 15 W Multichip LEDs			
	Colour Variants	RGBW (W - 6500 K), RGBA, PW (W - 3000 K)			
	Beam Angle	Clear Glass	Symmetrical: 7° 24° 34°	Bi-symmetrical: 7°x 42° 42°x 7°	
		Anti-Skid Glass	Symmetrical: 16° 28° 33°	Bi-symmetrical: 16°x 42° 42°x 16°	
	Lumen Output Delivered	Clear Glass	1.542 lm	RGBW 7° W - 6500 K, all LEDs on full	
		Anti-Skid Glass	1.297 lm	RGBW 16x42° W - 6500K, all LEDs on full	
Projected Lumen Maintenance	60.000 hrs (L70 @ 25 °C / 77 °F)				
CONTROL	Wireless DMX (Option)	Lumen Radio CRMX Technology			
	Interface Protocol	USITT DMX 512, RDM			
	Control System	ArcControl range or any Third Party DMX Controllers			
	Operating Modes	DMX, Master/Slave, Stand-alone			
	Programs / Functions / Features	Editable Program: 3 (up to 40 steps each)			
	Settings / Addressing	Via RDM communicator or Robe Universal Interface (RUNIT)			
	Power Supply	Integrated			
PHYSICAL	Width x Height x Depth	ø320 x 400 mm (ø12.6 x 15.75 in.)			
	Weight	18.2 kg 40.1 lbs	9 kg 19.8 lbs ArcSource Inground	9.2 kg 20.3 lbs Sleeve	
		Housing			
	High Pressure Die-Cast Aluminium Body - Stainless Steel Flange				
	Tempered Glass				
	Cables / Connections	Integral Junction Box			
	Mounting Method	External Sleeve			
	Adjustability	Motorized Tilt +/- 15°			
	Protection Factor	IP68 (1 m / 3.28 ft/ 8hrs) / Suitable For Wet Locations			
	IK Rating	IK10			
	Static Load Resistance	35 kN (surface Ø10 cm load)			
	Cooling System	Convection			
	Operating Ambient Temperature	-20 °C / +40 °C (-4 °F / +104 °F)			
Operating Temperature	+55 °C @ Ambient +40 °C (+131 °F @ Ambient +104 °F)				
CERTIFICATION	Listings	ETL / cETL, CE, RoHS			
	Anti - Skid Glass Certification	UNE ENV12633 (Class 3), DIN 51130 (R-12), DIN 51097 (Class B), ASTM C 1028-07 (DRY: ≥ 0,7, WET: ≥ 0,6), EN101:91 MOHS (4-Point scale)			

DIMENSIONS

ArcSource Inground 24MC Integral



PHOTOMETRIC OVERVIEW

Lumen Output (lm) - Clear Glass

	RGBW (6500 K)	RGBA	PW (3000 K)
7°	1 542	1 361	1 542
24°	1 353	1 194	1 353
34°	1 271	1 122	1 271
42° x 7°, 7° x 42°	1 500	1 324	1 500

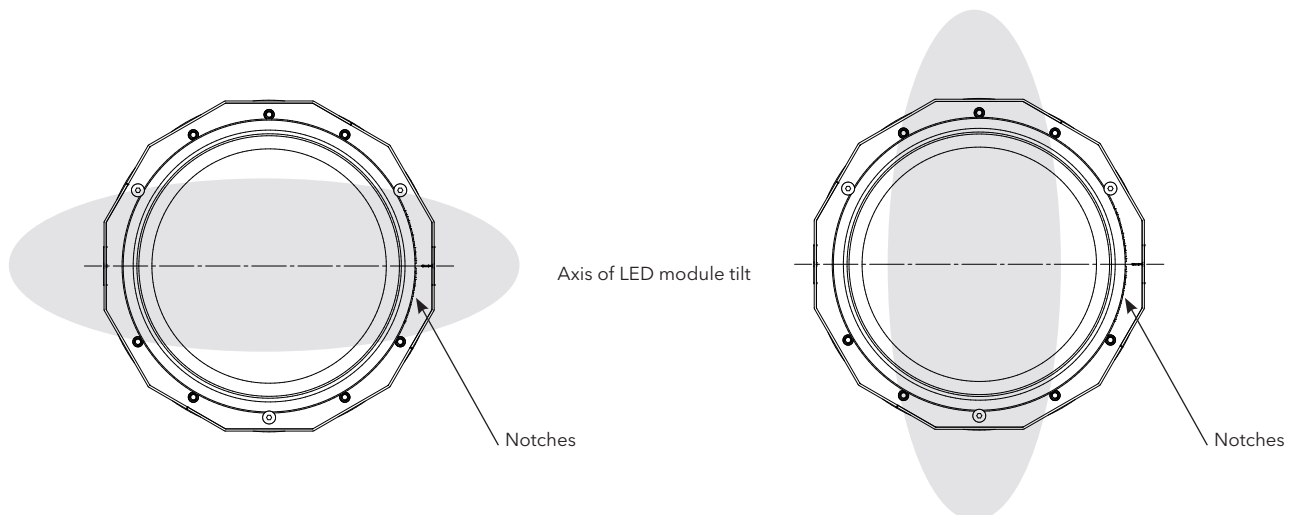
Lumen Output (lm) - Anti-Skid

	RGBW (6500 K)	RGBA	PW (3000 K)
16°	1 143	1 009	1 143
28°	1 028	907	1 028
33°	1 078	951	1 078
16° x 42° 42° x 16°	1297 1217	1144 1074	1297 1217

BI-SYMMETRICAL BEAM ANGLES

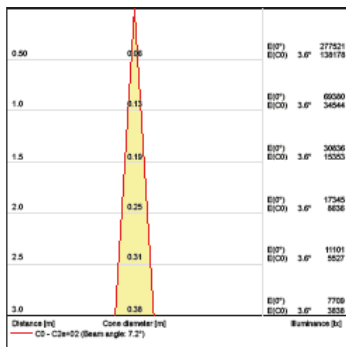
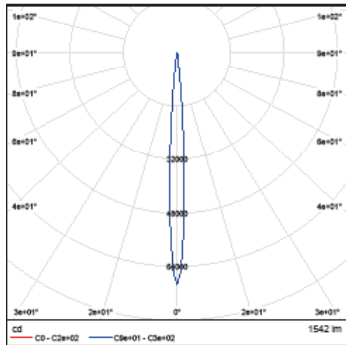
Horizontal Ellipse
7° x 42° (Clear Glass)
16° x 42° (Anti-Skid Glass)

Vertical Ellipse
42° x 7° (Clear Glass)
42° x 16° (Anti-Skid Glass)

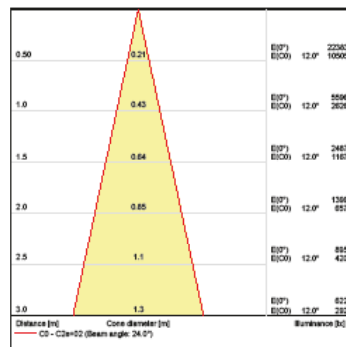
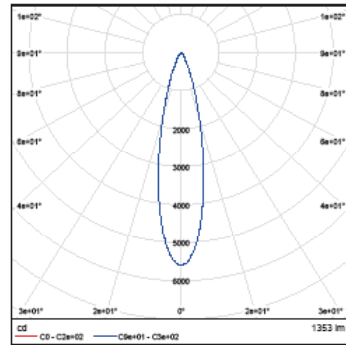


PHOTOMETRIC DATA

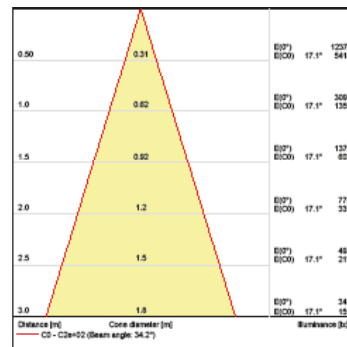
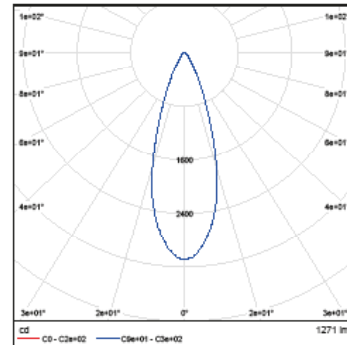
ArcSource Inground 24MC Integral RGBCW 7dg with Clear Glass



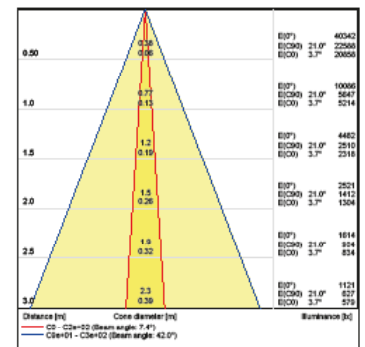
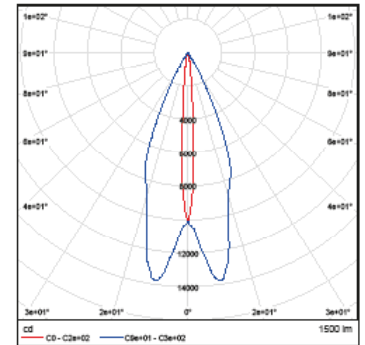
ArcSource Inground 24MC Integral RGBCW 24dg with Clear Glass



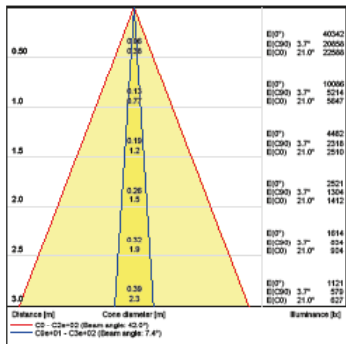
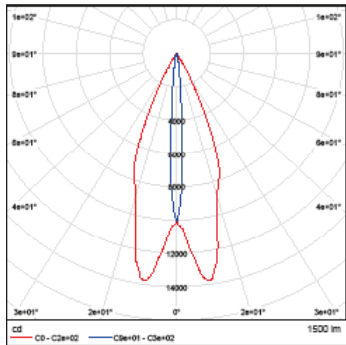
ArcSource Inground 24MC Integral RGBCW 34dg with Clear Glass



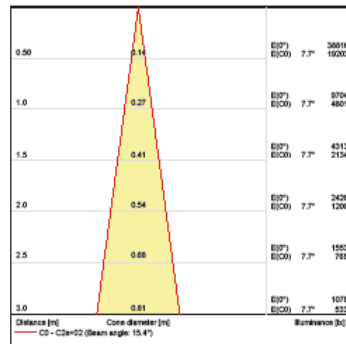
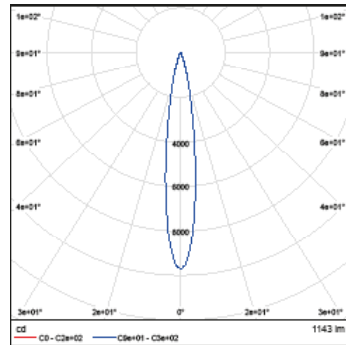
ArcSource Inground 24MC Integral RGBCW 7dg x 42dg with Clear Glass



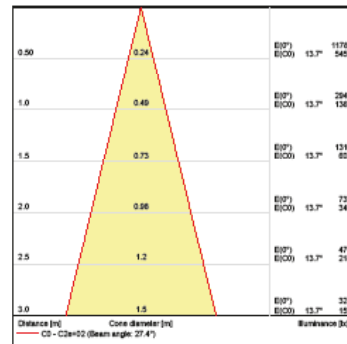
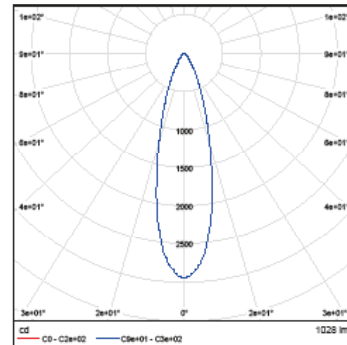
ArcSource Inground 24MC Integral RGBCW 42dg x 7dg with Clear Glass



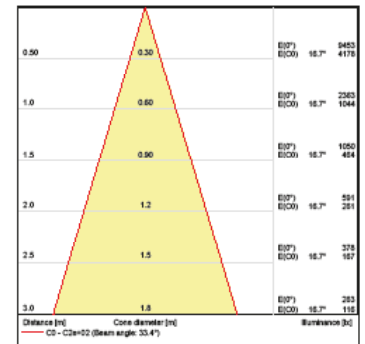
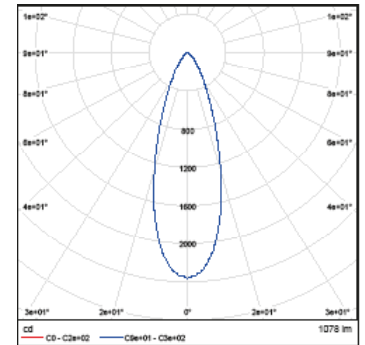
ArcSource Inground 24MC Integral RGBCW 16dg with Anti-Skid Glass



ArcSource Inground 24MC Integral RGBCW 28dg with Anti-Skid Glass



ArcSource Inground 24MC Integral RGBCW 33dg with Anti-Skid Glass



PHOTOMETRIC DATA

ArcSource Inground 24MC Integral
RGBCW 16dg x 42dg with Anti-Skid
Glass

ArcSource Inground 24MC Integral
RGBCW 42dg x 16dg with Anti-Skid
Glass

