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 24MC 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 colour mixing.

KEY FEATURES

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

Lumen Output & Light Source
Providing perfectly mixed colour with luminous flux up to 1,542 lm, the 65 W ArcSource Inground 24MC Integral luminaire utilises RGBW LED Multi–chips with 7° optics. Its excellent lumen maintenance of 90,000 hrs (L90B10) 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 inground applications, and its durability is guaranteed by IP68 and IK10 certification.

COLOURS

* UPON REQUEST

RGBW | RGBA | Pure White | Tuneable White *

COLOUR TEMPERATURE

* UPON REQUEST

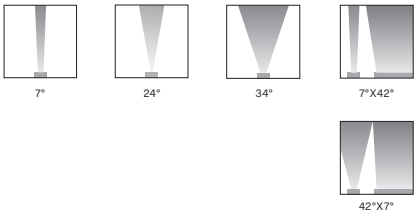
3.000 K | 6.500 K * | 3.000 K - 6.500 K *

CONTROL & PROTOCOLS

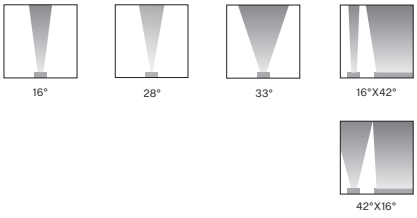
DMX RDM | WIRELESS DMX (OPTIONAL)

OPTIC OPTIONS

CLEAR GLASS



ANTI-SKID GLASS



STANDARD & SPECIFICATION

IP68 | IK10 | CE | ETL US | ROHS | UKCA | 5 YEAR Warranty with Registration

FINISH OPTIONS

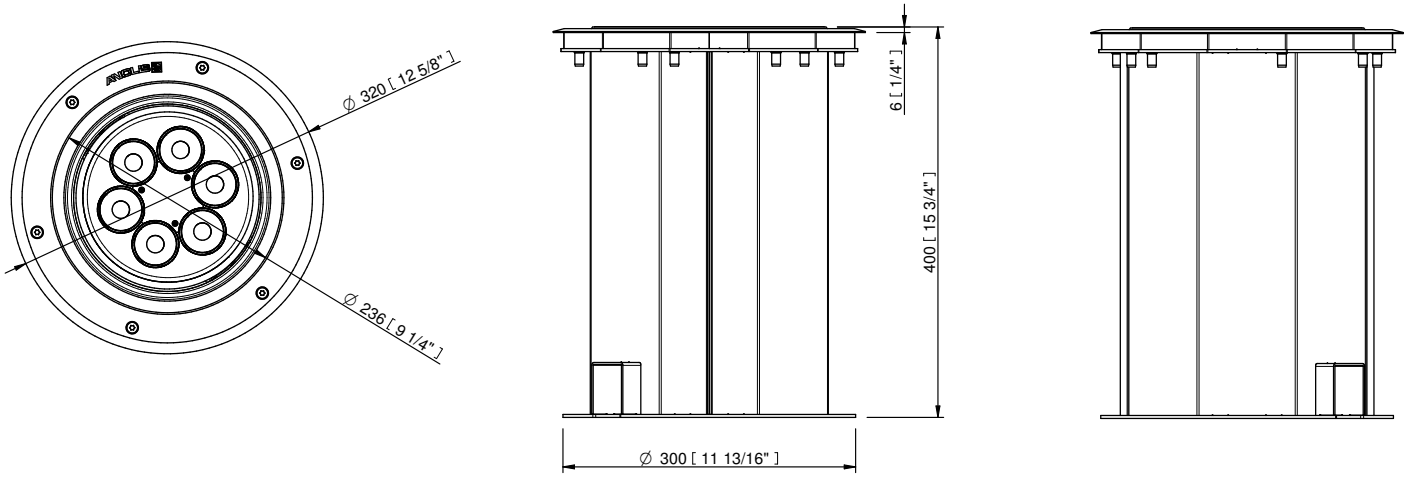
Stainless Steel

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)		
		Upon Request TW (3000 - 6500 K) | PW (6500 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	L90B10 >90.000 hrs, Ta = 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 | IK Rating	IP68 (1 m / 3.28 ft/ 8hrs) / Suitable For Wet Locations		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, UKCA		
	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

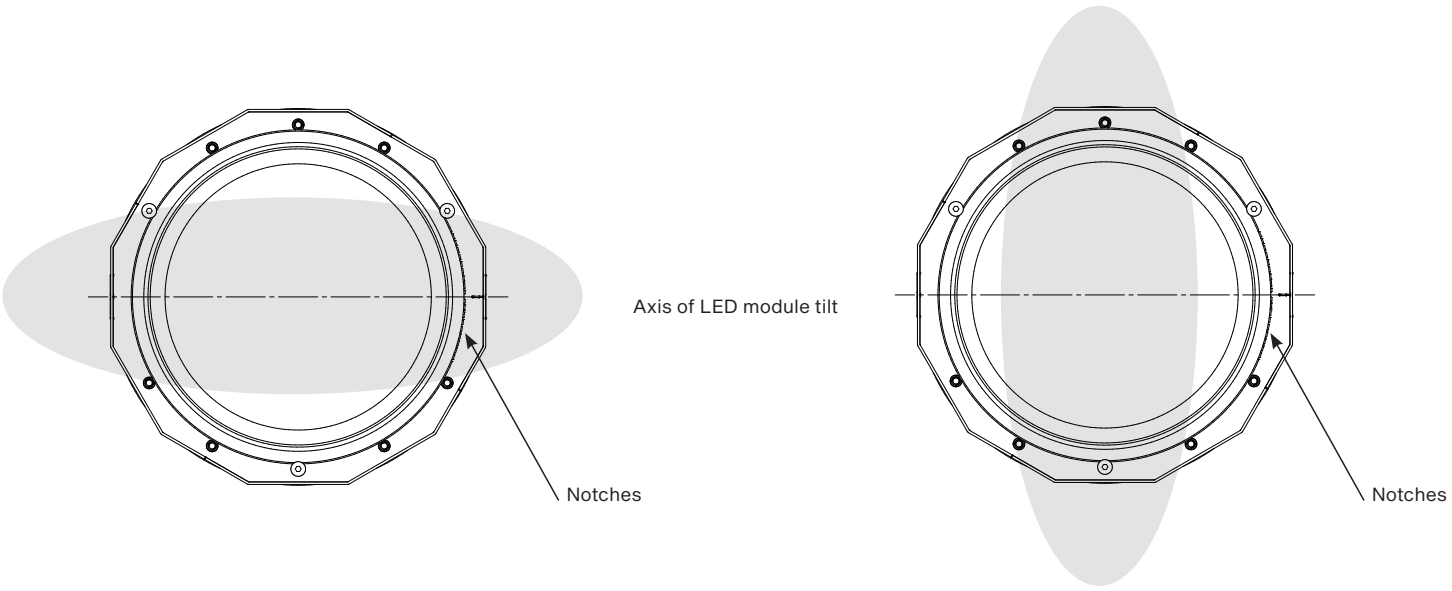
	Lumen Output (lm) - Clear Glass		
	RGBW (6500 K)	RGBA	PW (3000 K)
7°	1 542	1 361	1 542
24°	1 353	1 194	1 353
34°	1 271	1 122	1 271
42° x 7°, 7° x 42°	1 500	1 324	1 500

	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

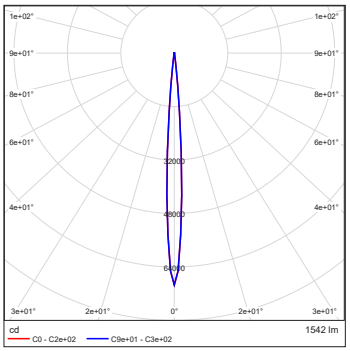
Horizontal Ellipse
7°x 42° (Clear Glass)
16° x 42° (Anti-Skid Glass)

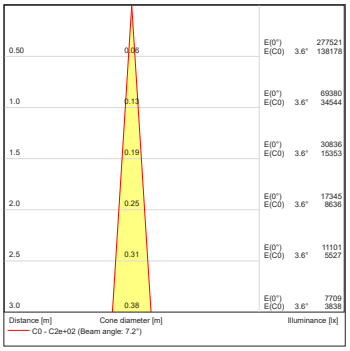
Vertical Ellipse
42°x 7° (Clear Glass)
42° x 16° (Anti-Skid Glass)



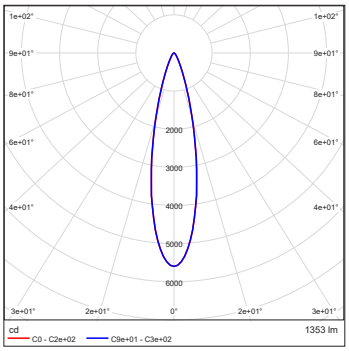
PHOTOMETRIC DATA

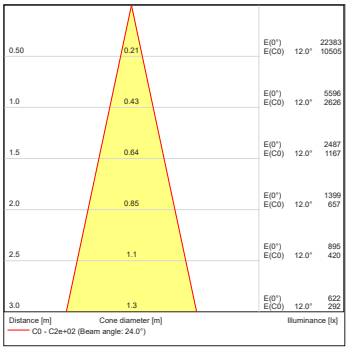
ArcSource Inground 24MC Integral
RGBCW 7dg with Clear Glass



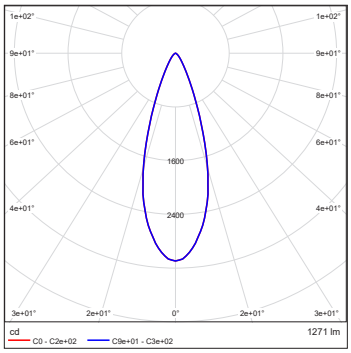


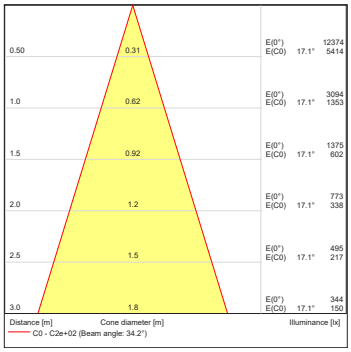
ArcSource Inground 24MC Integral
RGBCW 24dg with Clear Glass



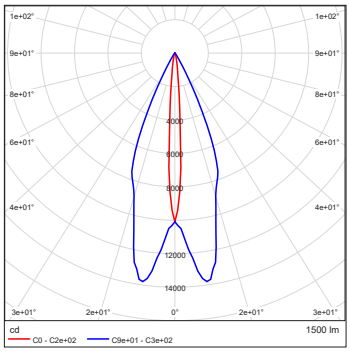


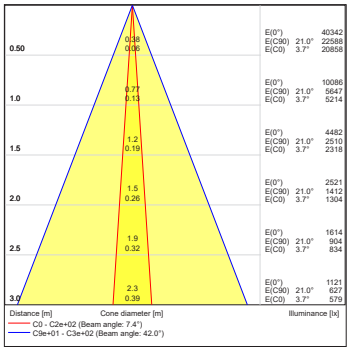
ArcSource Inground 24MC Integral
RGBCW 34dg with Clear Glass



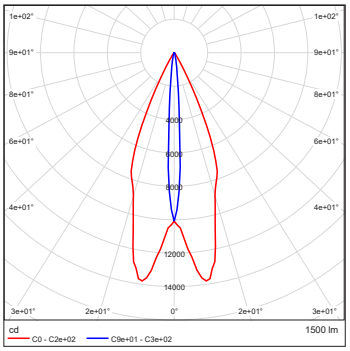


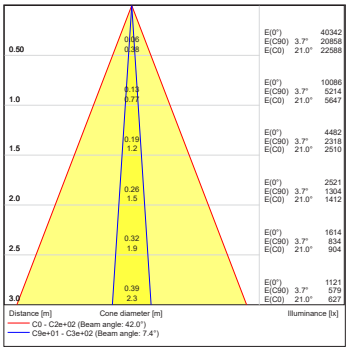
ArcSource Inground 24MC Integral
RGBCW 7dg x 42dg with Clear Glass





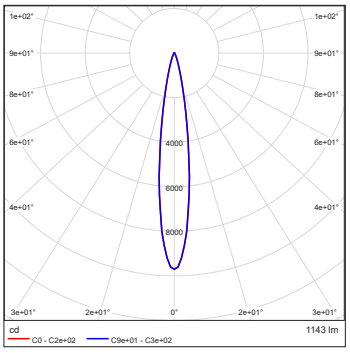
ArcSource Inground 24MC Integral
RGBCW 42dg x 7dg with Clear Glass

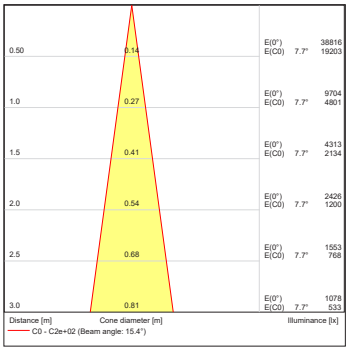




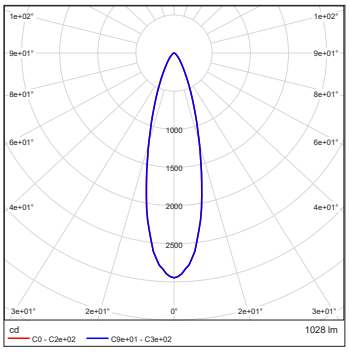
PHOTOMETRIC DATA

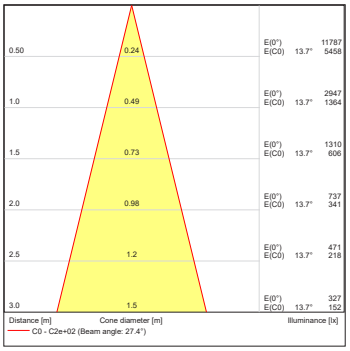
ArcSource Inground 24MC Integral RGBCW 16dg with Anti-Skid Glass



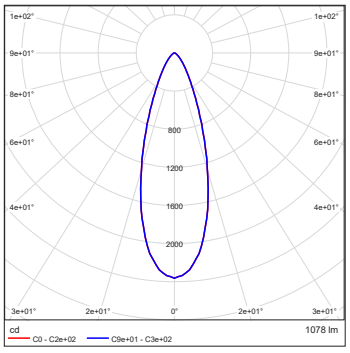


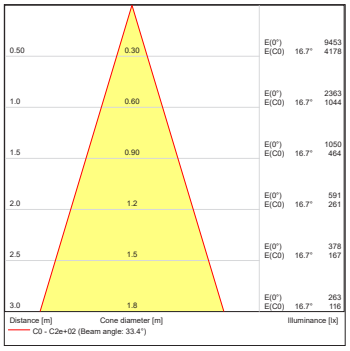
ArcSource Inground 24MC Integral RGBCW 28dg with Anti-Skid Glass



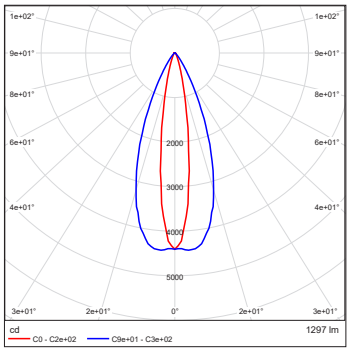


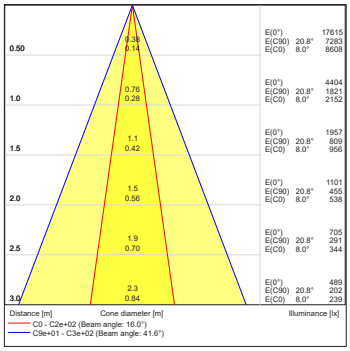
ArcSource Inground 24MC Integral RGBCW 33dg with Anti-Skid Glass





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





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