

ArcSource Inground 24MC tm



Client: _____

Project: _____

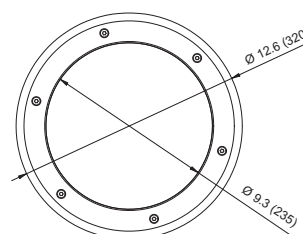
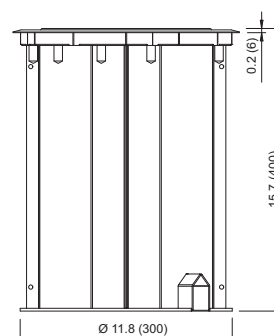
Specifier: _____

Type: _____ Qty: _____

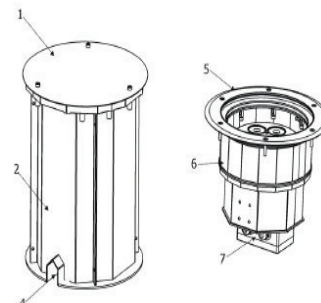
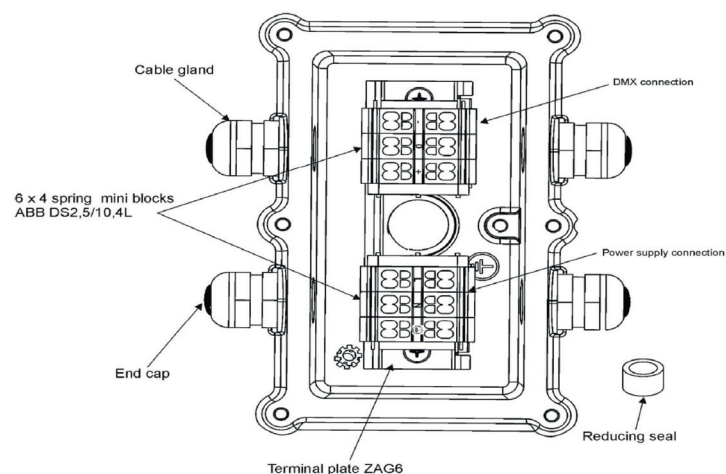


FEATURES:

- Input Voltage: 100-277VAC 50/60Hz
- Power consumption: 65W @ 230V +/- 10%
- Light Source: 6 x 10W MC LED's
- Delivered Lumen: 1542lm @ 7°
- Projected LED Life: 60,000 Hrs
- Lumen Output Per Foot: n/a
- Control: DMX Controller
- Housing:
 - Cast Aluminium
 - Stainless Steel Flange
 - Glass cover/ Anti-Skid glass option
- Fixing Method: External Sleeve
- IP Rating: IP68 (1m - 3ft)
- IK Rating: IK10
- Operating Ambient Temp: -20°C/+50°C (-4°F/+122°F)
- Certification: ETL / cETL, CE, RoHS
- 5 Year Warranty

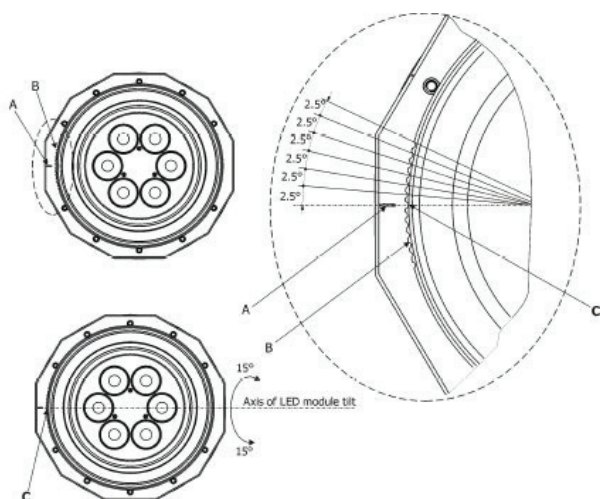


Connection Scheme:



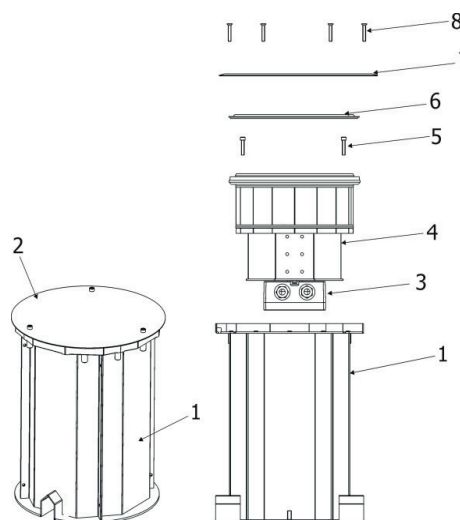
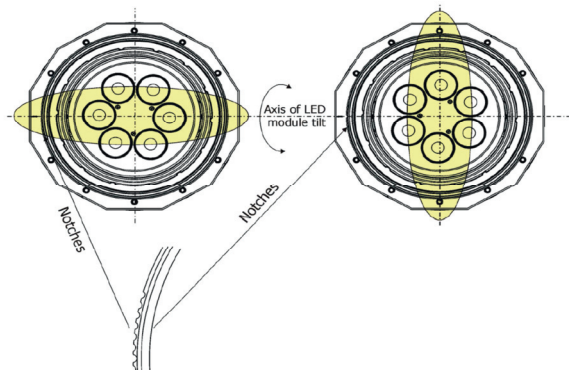
1. Temporary cover
2. Installation sleeve
3. Aperture for cables

5. Flange
6. Body of the ArcSource Inground 24 MC Integral
7. Junction box



Asymmetric lens 7°x42°

Asymmetric lens 42°x7° (standard)



Power Connection

	L	N	⏏
EU	Brown	Blue	Green / Yellow
US	Black	White	Green

This device falls under class one and must be grounded

DMX Connection

+	0	-
Data +	Data Ground (Shielding)	Data -

Technical features of the ABB terminal blocks
Type: DS 2,5 / 10.4L (4 Spring mini blocks)

Parameter	IEC	UL/SCA
Rated Voltage	800V	600V
Rated Current	24A	15A
Wire Rating / Gauge	2.5mm²/A2	12AWG
Wire Stripped Length	9.5mm	

Cable gland clamping range:
Standard 6-12mm
Reducing seal 5-9mm

Product Specification:

Electrical	Input Voltage		100-277V AC 50/60 Hz
	Power Consumption		65W @ 230V+/- 10%
	In Rush Current		TBC
Optical	Light Source		6 x 10w Multi-Chip LEDs
		RGBW	W = CW 6300K
		SW	2700K-7100K
		PW	6300K
	LED Channels		Red / Green / Blue / White, Pure White, Smart White
	Beam Angle		Standard (7°, 24°, 34°, 42°x7°, 7°x42°), AntiSkid (16°, 28°, 33°, 42°x16°, 16°x42°)
Control	Projected Lumen Maintenance		60,000 hrs (L70@ 25°C / 77°F)
	Interface Protocol		DMX512
	Wireless DMX (Optional Accessory)		Lumen Radio CRMX Technology
	Control System		Anolis Lighting Controls or any Third Party DMX512 Controllers
	Power Supply		Integral
	Stand Alone Control		Yes
Physical	Width x Height x Depth	Inches	ø12.6 x 15.7
		mm	ø320 x 400
	Weight	lbs	40.1
		kg	18.2
	Housing		High Pressure Die-Cast Aluminium Body - Stainless Steel Flange Tempered Glass
	Fixture Cable and Connections		Li9YCHY - 3xAWG16+1 (2xAWG24) + Integral Junction Box
	Fixing Method		External Sleeve
	Adjustability		Motorized Tilt +/-15°
	IP Rating		IP68 (1m - 3ft)
	IK Rating		IK10
	Cooling System		Convection
	Operating Ambient Temperature		-20°C / +50°C (-4°F / +122°F)
	Operating Temperature		TBC
Certification	Listings		ETL / cETL, CE, RoHS

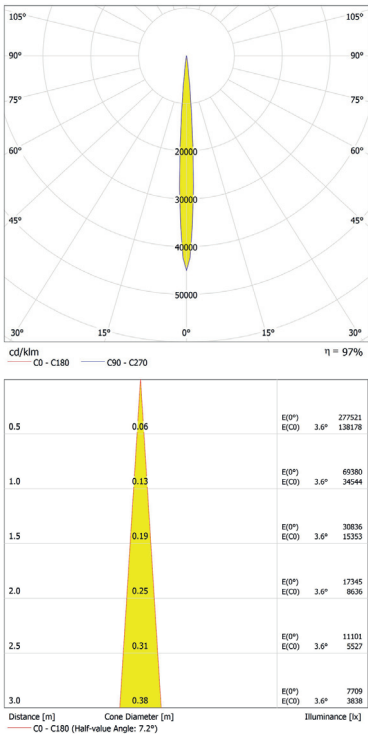
Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Top Installation Cover



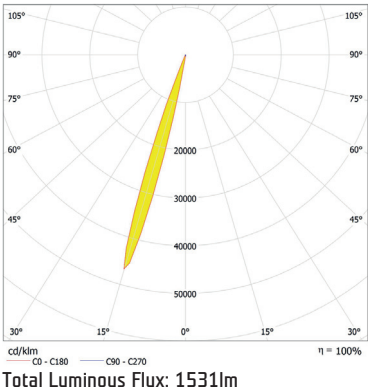
Photometric Data:

ArcSource Inground 24MC - 7°

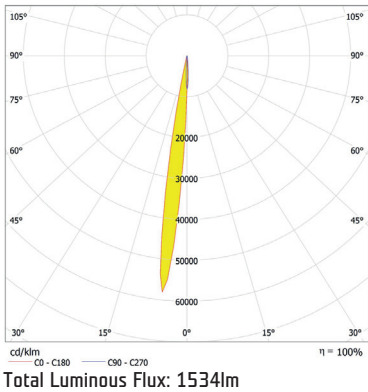


Total Luminous Flux: 1542lm

ArcSource Inground 24MC - 7° - 15° Tilt

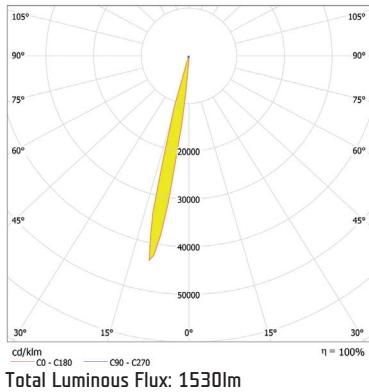


ArcSource Inground 24MC - 7° - 5° Tilt



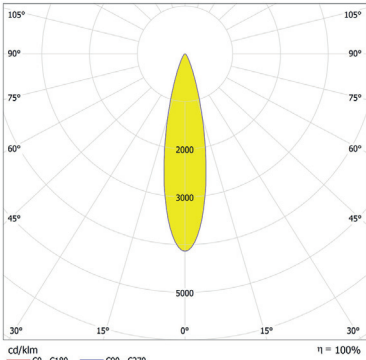
For foot Candles divide lux by 10.7

ArcSource Inground 24MC - 7° - 10° Tilt



Photometric Data:

ArcSource Inground 24MC - 24°

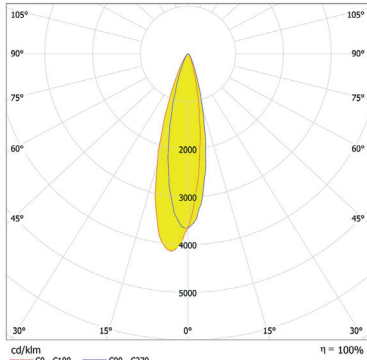


Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.21	22383
1.0	0.43	5596
1.5	0.64	2487
2.0	0.85	1399
2.5	1.06	895
3.0	1.28	622

Total Luminous Flux: 1353lm

ArcSource Inground 24MC - 24° - 5° Tilt

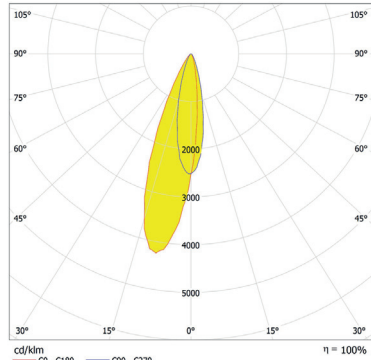
ArcSource Inground 24MC - 24° - 5° Tilt



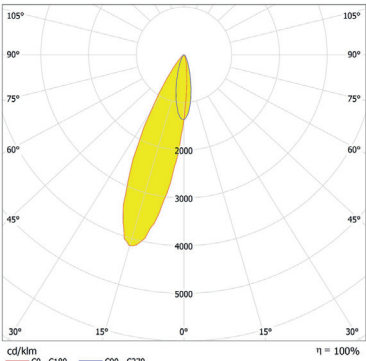
Total Luminous Flux: 1352lm

For foot Candles divide lux by 10.7

ArcSource Inground 24MC - 24° - 10° Tilt



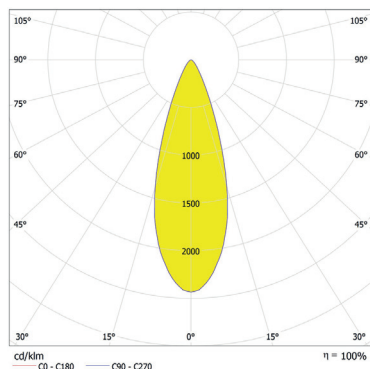
Total Luminous Flux: 1362lm



Total Luminous Flux: 1360lm

Photometric Data:

ArcSource Inground 24MC - 34°

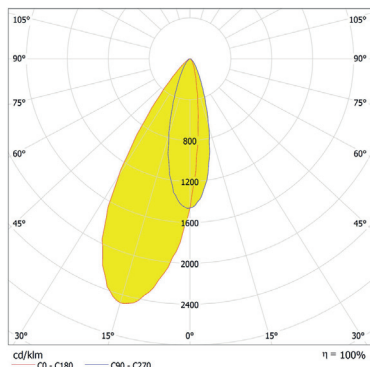


0.5	0.31	E(0°) E(C0)	12374 5414
1.0	0.62	E(0°) E(C0)	3094 1353
1.5	0.92	E(0°) E(C0)	1375 602
2.0	1.23	E(0°) E(C0)	773 338
2.5	1.54	E(0°) E(C0)	495 217
3.0	1.85	E(0°) E(C0)	344 150

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 34.2°)
Illuminance [lx]

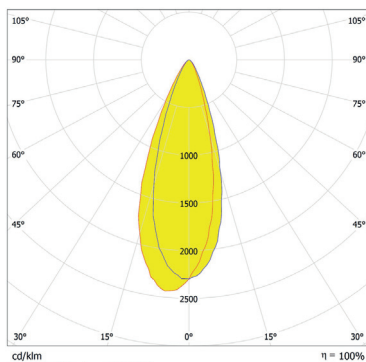
Total Luminous Flux: 1271lm

ArcSource Inground 24MC - 34° - 15° Tilt



Total Luminous Flux: 1248lm

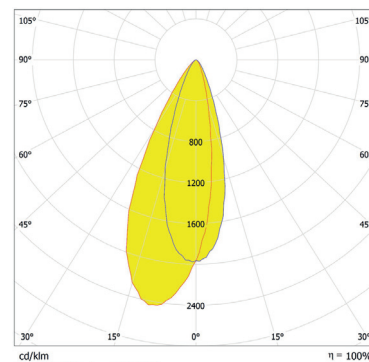
ArcSource Inground 24MC - 34° - 5° Tilt



Total Luminous Flux: 1269lm

For foot Candles divide lux by 10.7

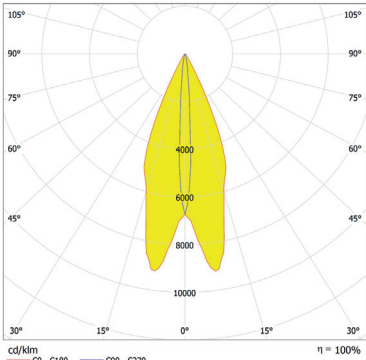
ArcSource Inground 24MC - 34° - 10° Tilt



Total Luminous Flux: 1265lm

Photometric Data:

ArcSource Inground 24MC - 42°x7°



cd/km C0 - C180 C90 - C270 $\eta = 100\%$

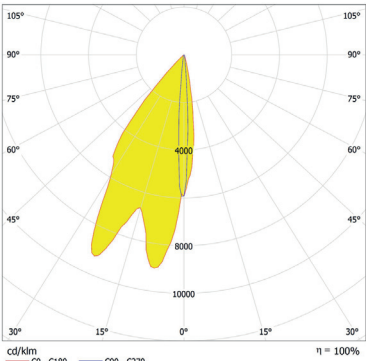
Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 42.0°)

C90 - C270 (Half-value Angle: 7.4°)

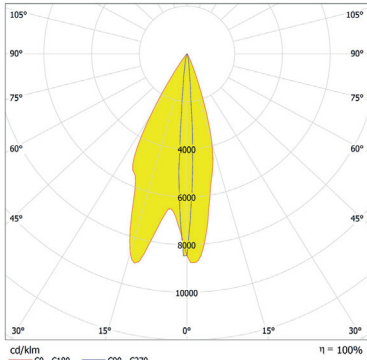
Total Luminous Flux: 1500lm

ArcSource Inground 24MC - 42°x7° - 15° Tilt



Total Luminous Flux: 1473lm

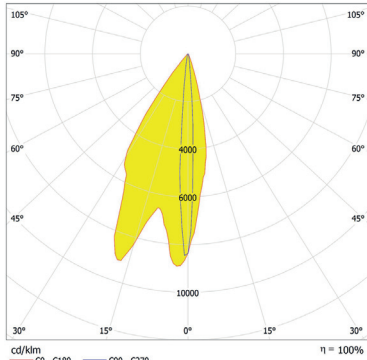
ArcSource Inground 24MC - 42°x7° - 5° Tilt



Total Luminous Flux: 1454lm

For foot Candles divide lux by 10.7

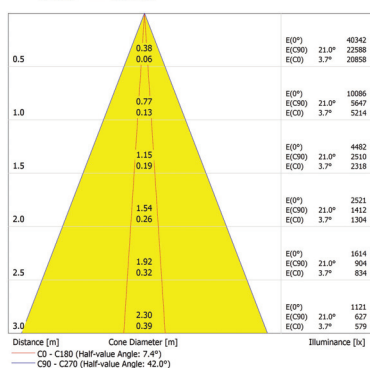
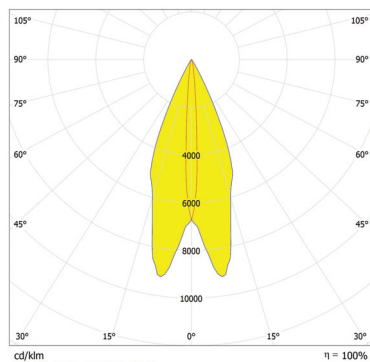
ArcSource Inground 24MC - 42°x7° - 10° Tilt



Total Luminous Flux: 1484lm

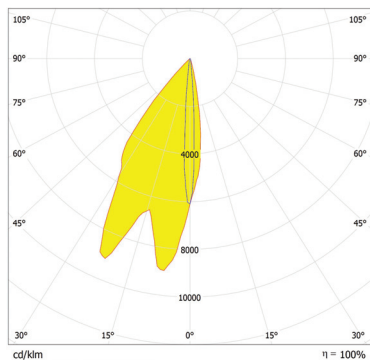
Photometric Data:

ArcSource Inground 24MC - 7°x42°



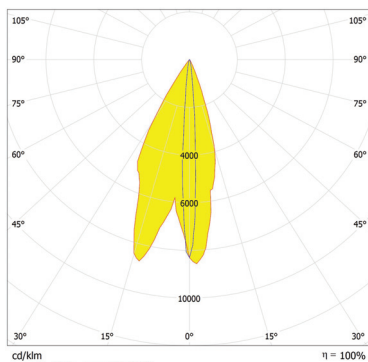
Total Luminous Flux: 1500lm

ArcSource Inground 24MC - 7°x42° - 15° Tilt



Total Luminous Flux: 1446lm

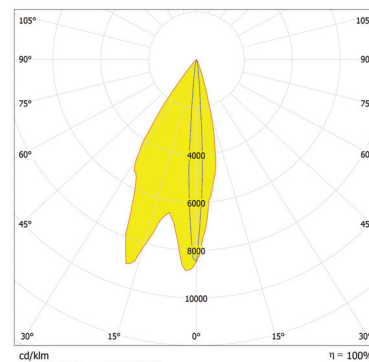
ArcSource Inground 24MC - 7°x42° - 5° Tilt



Total Luminous Flux: 1434lm

For foot Candles divide lux by 10.7

ArcSource Inground 24MC - 7°x42° - 10° Tilt



Total Luminous Flux: 1470lm