

ArcSource Inground 24MC tm



Client: _____

Project: _____

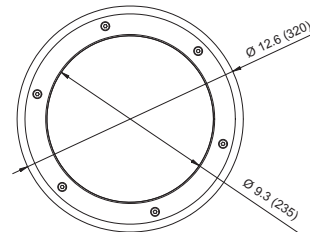
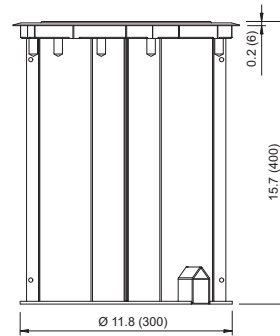
Specifier: _____

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
- 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



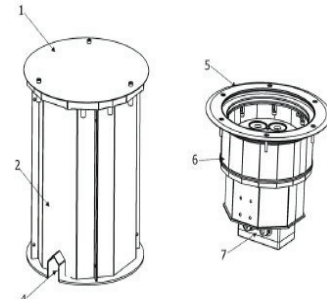
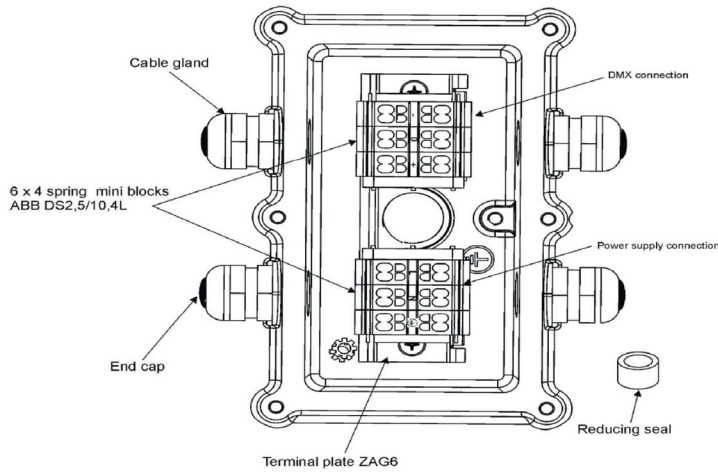
How To Order							
	GROUP	VARIANT	SIZE	COLOUR	OPTIC	FINISH	OPTIONS
ARC	1	2	3	4	5	6	7
	SCE	IGR	24	RGBW - Red, Green, Blue, White SW - Smart White PW - Pure White	7° 24° 34° EL°	S - Silver B - Black W - White C - Custom	CUS - Custom WSS - Wireless CCL - Custom Cable Length
Example	ARCSOURCE INGROUND 24MC RGBW 24 SILVER WIRELESS						
ARC	SCE	IGR	24	RGBW	28	S	WSS

Colour temperature to be specified at time of order
 EL to be determined at point of order - i.e 42°x7° or 7°x42°

ROBE lighting s.r.o, Palackeho 416 757 01 Valasske Mezirici, Czech Republic. Tel: +420 571 751 500 - Fax: +420 571 751 515 - E-mail: info@anolis.eu
 UK: Anolis UK, 3 Spinney View, Stone Circle Road, Round Spinney Ind Est, NN3 8RF, Northampton, United Kingdom. Tel: +44 1604 741000 - Fax: +44 1604 741041 - E-mail: info@anolis.co.uk
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 AUS: Anolis Australia, 28 Expo Court, Ashmore, 4215, Queensland, Australia. Tel: +61 7 5509 4633 - Fax: +61 7 5509 4677 - E-mail: info@anolis.com.au
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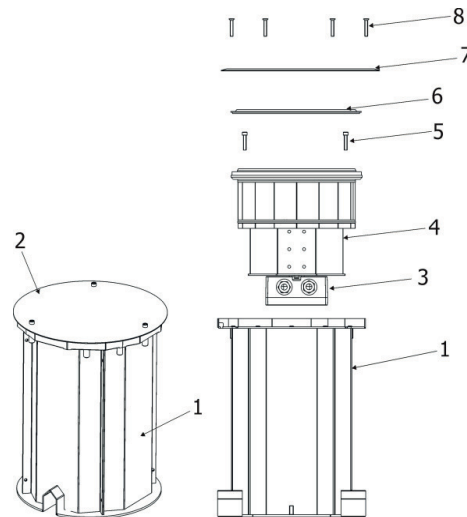
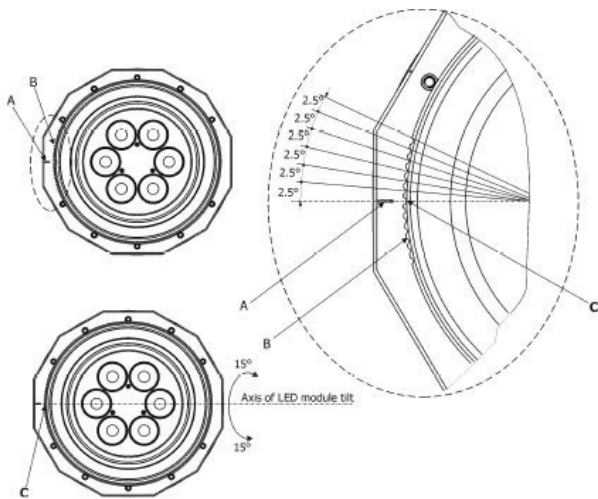
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Connection Scheme:



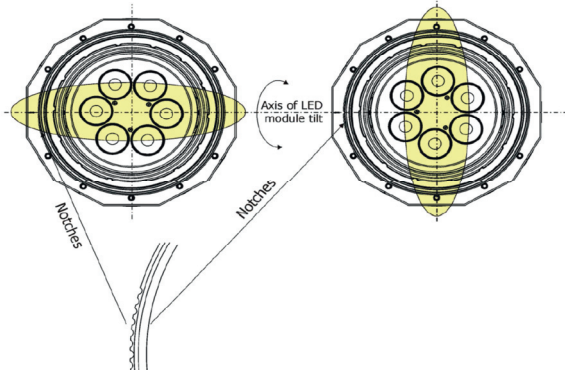
- 1. Temporary cover
- 2. Installation sleeve
- 3. Aperture for cables

- 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	2.5mm ² /A2	12AWG
Wire Stripped Length	9.5mm	

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

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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		7°, 24°, 34°, 42°x7°, 7°x42°	
Projected Lumen Maintenance		60,000 hrs (L70@ 25°C / 77°F)	
Control	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

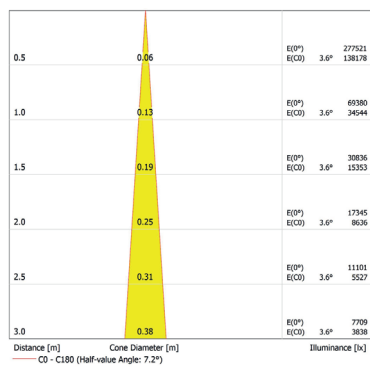
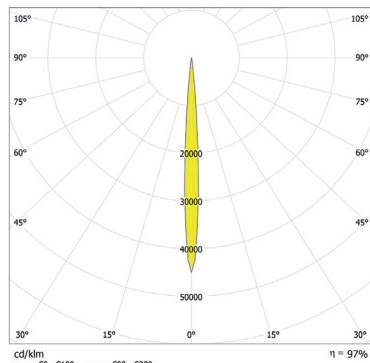


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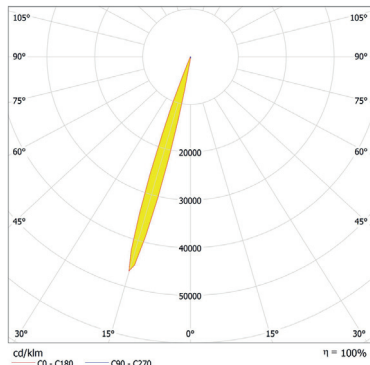
Photometric Data:

ArcSource Inground 24MC - 7°



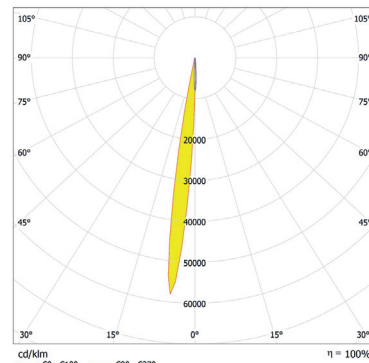
Total Luminous Flux: 1542lm

ArcSource Inground 24MC - 7° - 15° Tilt



Total Luminous Flux: 1531lm

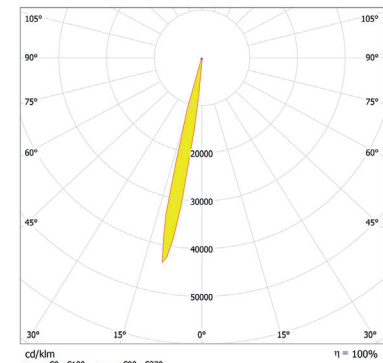
ArcSource Inground 24MC - 7° - 5° Tilt



Total Luminous Flux: 1534lm

For foot Candles divide lux by 10.7

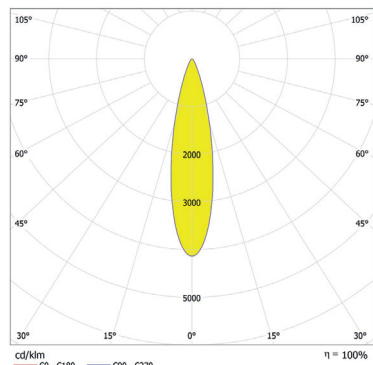
ArcSource Inground 24MC - 7° - 10° Tilt



Total Luminous Flux: 1530lm

Photometric Data:

ArcSource Inground 24MC - 24°

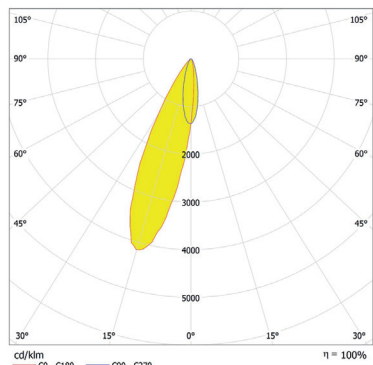


Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.21	E(0°) 22383 E(C0) 10955
1.0	0.43	E(0°) 5596 E(C0) 2626
1.5	0.64	E(0°) 2487 E(C0) 1167
2.0	0.85	E(0°) 1399 E(C0) 657
2.5	1.06	E(0°) 895 E(C0) 420
3.0	1.28	E(0°) 622 E(C0) 292

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 24.0°)

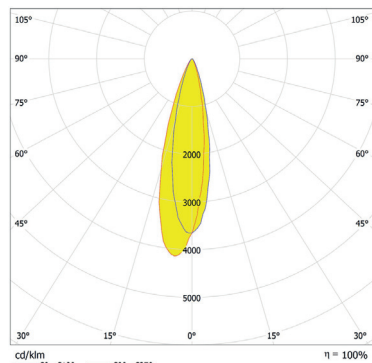
Total Luminous Flux: 1353lm

ArcSource Inground 24MC - 24° - 15° Tilt



Total Luminous Flux: 1360lm

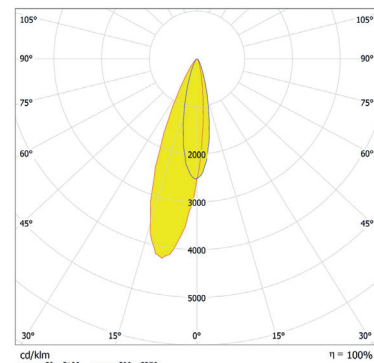
ArcSource Inground 24MC - 24° - 5° Tilt



Total Luminous Flux: 1352lm

For foot Candles divide lux by 10.7

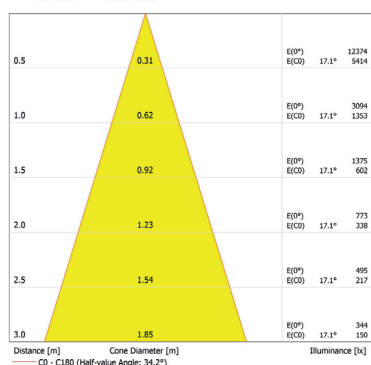
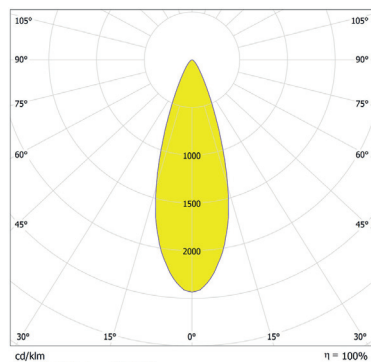
ArcSource Inground 24MC - 24° - 10° Tilt



Total Luminous Flux: 1362lm

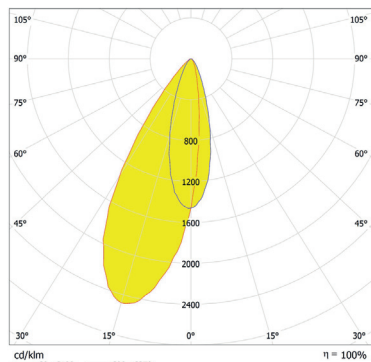
Photometric Data:

ArcSource Inground 24MC - 34°



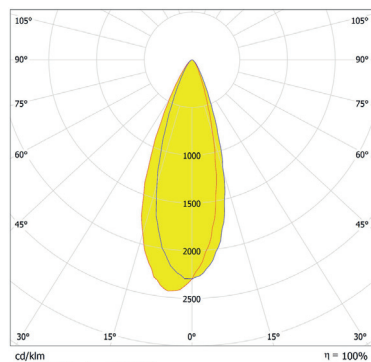
Total Luminous Flux: 12711lm

ArcSource Inground 24MC - 34° - 15° Tilt



Total Luminous Flux: 12481lm

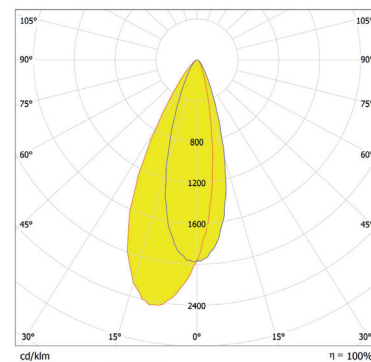
ArcSource Inground 24MC - 34° - 5° Tilt



Total Luminous Flux: 12691lm

For foot Candles divide lux by 10.7

ArcSource Inground 24MC - 34° - 10° Tilt



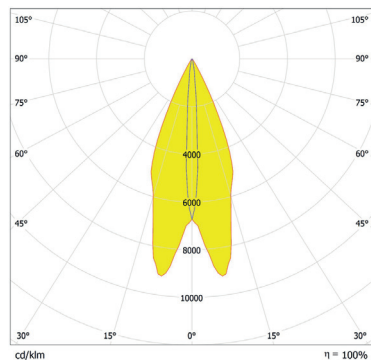
Total Luminous Flux: 12651lm

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Photometric Data:

ArcSource Inground 24MC - 42°x7°



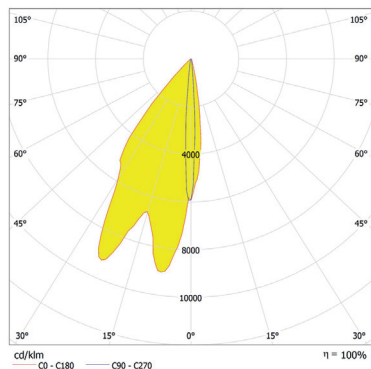
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)
0.5	0.06 0.38	46242	3.7° 20856	21.0° 22588
1.0	0.13 0.77	10096	3.7° 5144	21.0° 5647
1.5	0.19 1.15	4482	3.7° 2318	21.0° 2510
2.0	0.26 1.54	2521	3.7° 1304	21.0° 1412
2.5	0.32 1.92	1814	3.7° 934	21.0° 994
3.0	0.39 2.30	1121	3.7° 579	21.0° 627

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

— C0 - C180 (Half-value Angle: 42.0°)
— C90 - C270 (Half-value Angle: 7.4°)

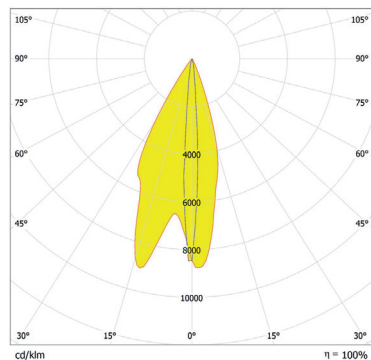
Total Luminous Flux: 1500lm

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



Total Luminous Flux: 1473lm

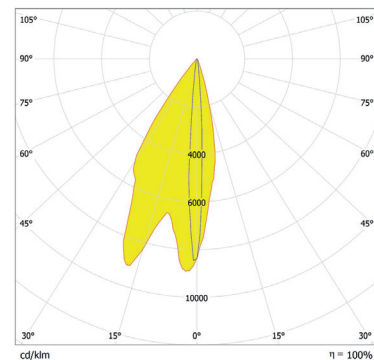
ArcSource Inground 24MC - 42°x7° - 5° Tilt



Total Luminous Flux: 1454lm

For foot Candles divide lux by 10.7

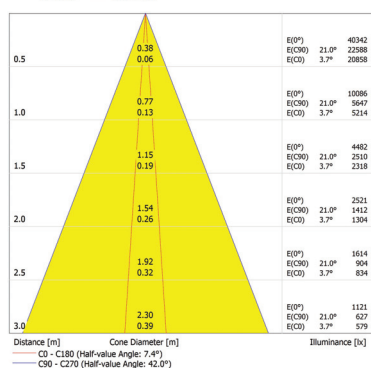
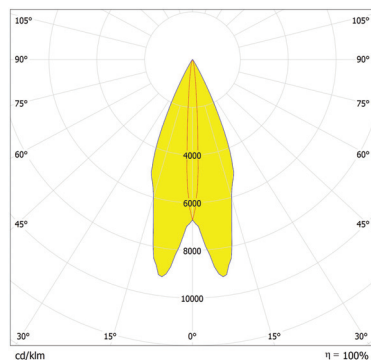
ArcSource Inground 24MC - 42°x7° - 10° Tilt



Total Luminous Flux: 1484lm

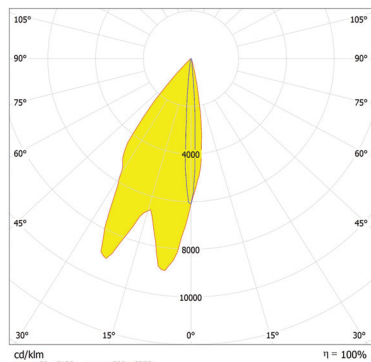
Photometric Data:

ArcSource Inground 24MC - 7°x42°



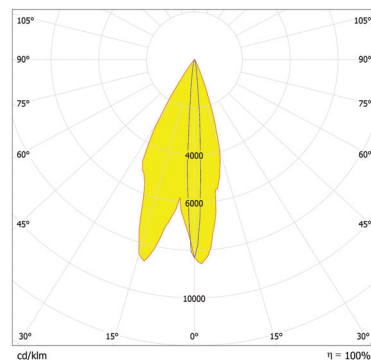
Total Luminous Flux: 1500lm

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



Total Luminous Flux: 1446lm

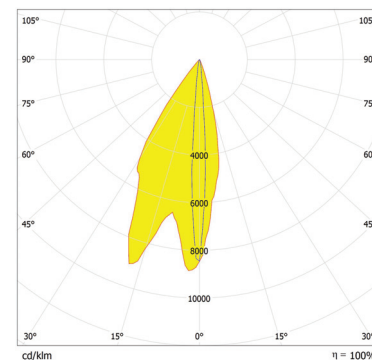
ArcSource Inground 24MC - 7°x42° - 5° Tilt



Total Luminous Flux: 1434lm

For foot Candles divide lux by 10.7

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



Total Luminous Flux: 1470lm

ROBE lighting s.r.o., Palackeho 416 757 01 Valasske Mezirici, Czech Republic. Tel: +420 571 751 500 - Fax: +420 571 751 515 - E-mail: info@anolis.eu
 UK: Anolis UK, 3 Spinney View, Stone Circle Road, Round Spinney Ind Est, NN3 8RF, Northampton, United Kingdom. Tel: +44 1604 741000 - Fax: +44 1604 741041 - E-mail: info@anolis.co.uk
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