

# ArcSource 12 <sup>tm</sup>



Client: \_\_\_\_\_

Project: \_\_\_\_\_

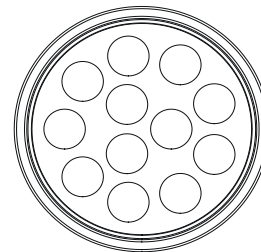
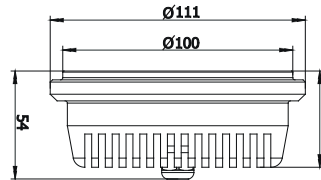
Specifier: \_\_\_\_\_

Type: \_\_\_\_\_ Qty: \_\_\_\_\_



**FEATURES:**

- Input Voltage: 48V DC Via ArcPower Range
- Power consumption: 13.6W
- Light Source: 12 x 1W LED
- Delivered Lumen: 530lm (18dg)
- Projected LED Life: 50,000 Hrs
- Control: DMX Controller
- Housing: Turned Aluminium
- Fixing Method: Ar111Housing and Spring Clip - Not Supplied
- IP Rating: IP2x
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F )
- Certification: CE, RoHS
- 5 Year Warranty



How To Order							
	GROUP	VARIANT	SIZE	COLOUR	OPTIC	FINISH	OPTIONS
ARC	1	2	3	4	5	6	7
	SCE	IND	12	RGBW - Red, Green, Blue, White	10°	S - Silver	CUS - Custom
				RGB - Red, Green, Blue	18°	B - Black	MTP - Multiple
				PW - Pure White	29°	W - White	CCL - Custom Cable Length
				SW - Smart White	33°	C - Custom	
				R - Red	14°*		
				G - Green	23°*		
				B - Blue	31°*		
				A - Amber	36°*		
Example	ARCSOURCE 12 RGBW 33 SILVER						
ARC	SCE	IND	12	RGBW	33	S	

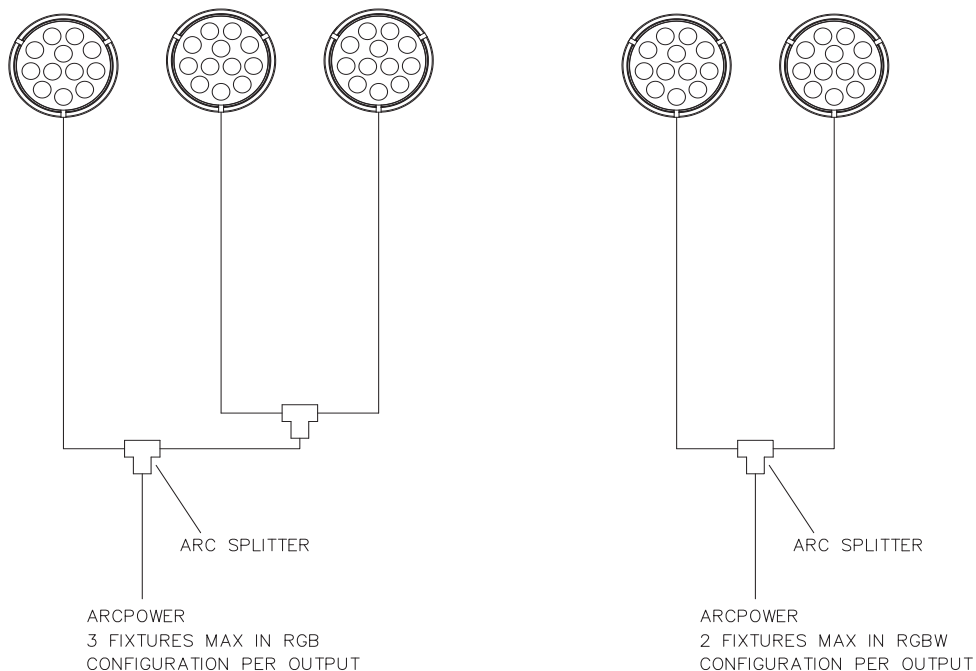
Colour temperature to be specified at time of order

\* Denotes Smart White Beam Angles

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## Connection Scheme:



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## Product Specification:

Electrical	Input Voltage		48V DC
	Power Consumption		13.6W
Optical	Light Source		12 x 1w LEDs
		RGBW	W = WW-3200K or CW-6500K
		RGB	
		PW	2600-10000K
		SW	3300-6500K
		R	
		G	
		B	
		A	
	LED Channels		Red / Green / Blue / White, Red, Green, Blue, Amber, Pure White, Smart White
Beam Angle		10°,18°,29°,33° (14°,23°,31°,36° (Smart White))	
Projected Lumen Maintenance		50,000 hrs ( L70@ 25°C / 77°F)	
Control	Wireless DMX (Optional Accessory)		N/A
	Control System		N/A
	Power Supply		ArcPower Range
	Stand Alone Control		N/A
Physical	Width x Height x Depth	Inches	2.12 x ø4.37
		mm	54 x ø111
	Weight	lbs	1.332
		kg	0.6
	Housing		Precision Turned Aluminium Glass Cover
	Fixture Cables and Connections		24 AWG x 4P Cat 5 - 1.5m (4.92ft) - RJ45
	Fixing Method		AR111 Housing and Spring Clip (NOT SUPPLIED)
	Adjustability		N/A
	IP Rating		IP2X
	IK Rating		IK**
	Cooling System		Convection
	Operating Ambient Temperature		-20°C / +40°C (-4°F / +104°F)
	Operating Temperature		+60°C @ Ambient +25°C (+140°F @ Ambient +104°F)
Certification	Listings		CE, RoHS

Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Splitter 1pcs (See Splitter Specification Sheet) (Included)

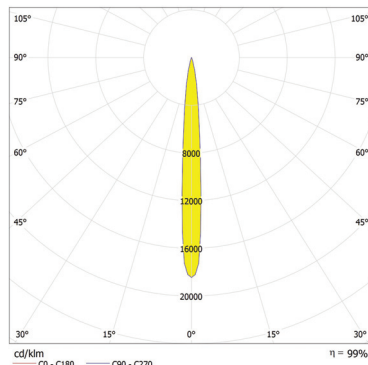


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## Photometric Data:

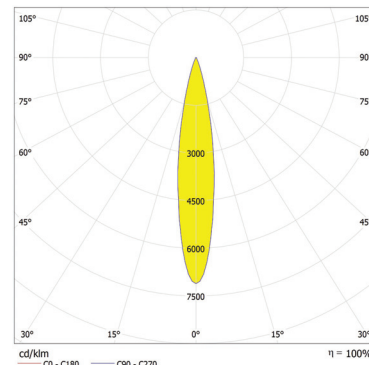
ArcSource 12 RGB - 10°



Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(4.7°) E(CD)	Illuminance [lx]
0.5	0.08	37998	19152	
1.0	0.16	9499	4788	
1.5	0.25	4222	2128	
2.0	0.33	2375	1197	
2.5	0.41	1520	766	
3.0	0.49	1055	532	

Total Luminous Flux: 515lm

ArcSource 12 RGB - 18°

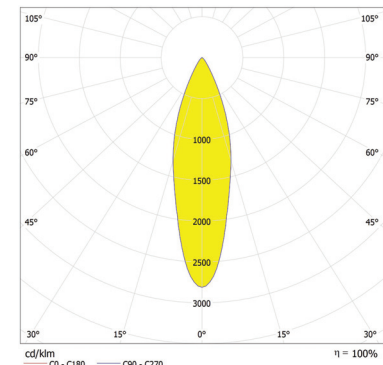


Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(9.2°) E(CD)	Illuminance [lx]
0.5	0.16	19075	7281	
1.0	0.32	3769	1820	
1.5	0.49	1675	809	
2.0	0.65	942	455	
2.5	0.81	603	291	
3.0	0.97	419	202	

Total Luminous Flux: 530lm

For foot Candles divide lux by 10.7

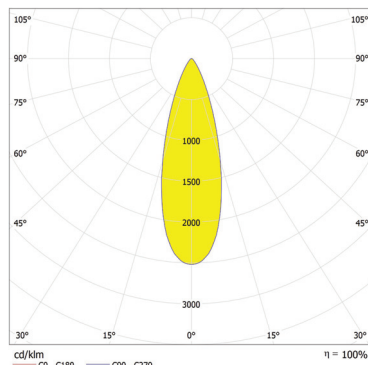
ArcSource 12 RGB - 29°



Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(14.4°) E(CD)	Illuminance [lx]
0.5	0.26	5891	2687	
1.0	0.51	1473	672	
1.5	0.77	655	299	
2.0	1.03	368	168	
2.5	1.28	236	107	
3.0	1.54	164	75	

Total Luminous Flux: 524lm

ArcSource 12 RGB - 32°



Distance [m]	Cone Diameter [m]	E(0°) E(CD)	E(16.0°) E(CD)	Illuminance [lx]
0.5	0.29	4654	2070	
1.0	0.57	1164	518	
1.5	0.86	517	230	
2.0	1.15	291	129	
2.5	1.43	186	83	
3.0	1.72	129	58	

Total Luminous Flux: 462lm

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