

ArcSource 24MC Submersible tm



Client: _____

Project: _____

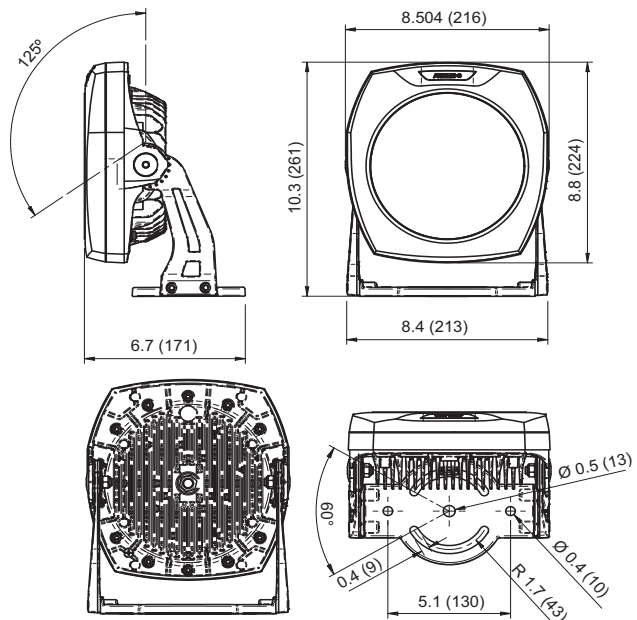
Specifier: _____

Type: _____ Qty: _____

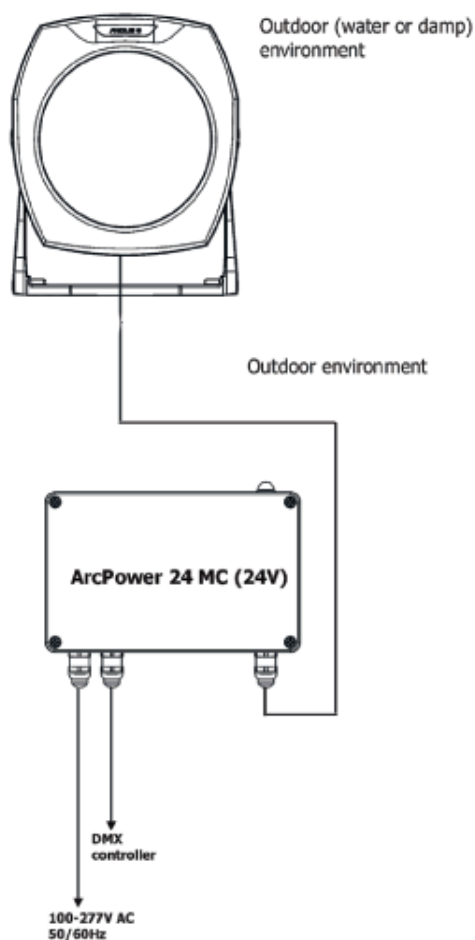


FEATURES:

- Input Voltage: 24VDC Via Driver
- Power consumption: 35W (350mA) 75W (700mA)
- Light Source: 6 x MC LED's
- Delivered Lumen: 1357lm - 700mA
- Projected LED Life: 60,000 Hrs
- Control: DMX Controller
- Housing: Marine Bronze - Glass cover
- Fixing Method: Stirrup
- IP Rating: IP68 - 10m
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F)
- Certification: ETL / cETL, CE, RoHS
- 5 Year Warranty



Connection Scheme:



Product Specification:

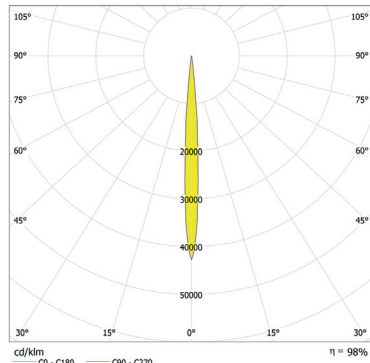
Electrical	Input Voltage		24V DC
	Power Consumption		35W (Standard Power) 75W (High Power)
Optical	Light Source		6 x 10w Multi-Chip LEDs
		RGBW	W = CW - 6300K
		PW	6300K
		SW	2800K-6300K
	LED Channels		Red / Green / Blue / White, Pure White
	Beam Angle		7.5°, 24°, 35°
Projected Lumen Maintenance		60,000 hrs (L70@ 25°C / 77°F)	
Control	Wireless DMX (Optional Accessory)		N/A
	Control System		Anolis Lighting Controls or any Third Party DMX512 Controllers
	Power Supply		ArcPower 24MC (24V)
	Stand Alone Control		Yes
Physical	Width x Height x Depth	Inches	8.5 x 10.3 x 6.7
		mm	216 x 261 x 170
	Weight	lbs	23.1
		kg	10.5
	Housing		Marine Bronze Tempered Glass
	Fixture Cable and Connections		Paige P7342-SP, Custom Length
	Fixing Method		Stirrup
	Adjustability		125°
	IP Rating		IP68 - 10m
	IK Rating		IK10
	Cooling System		Convection
	Operating Ambient Temperature		-20°C / +40°C (-4°F / +104°F)
	Operating Temperature		TBC
Certification	Listings	ETL / cETL, CE, RoHS	

Subject to change without notice - please contact Anolis for clarification



Photometric Data:

ArcSource 24MC Submersible - 7° @ 350mA

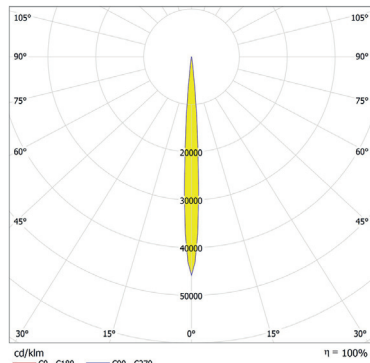


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(3.6°) E(C270)	Illuminance [lx]
0.5	0.06	160499	81060	
1.0	0.13	40115	20565	
1.5	0.19	17829	9007	
2.0	0.25	10020	5066	
2.5	0.31	6418	3242	
3.0	0.38	4487	2252	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 7.2°)

Total Luminous Flux: 938lm

ArcSource 24MC Submersible - 7° @ 700mA

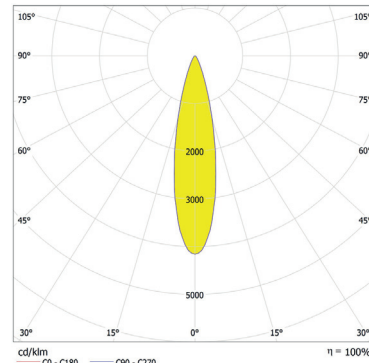


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(3.5°) E(C270)	Illuminance [lx]
0.5	0.06	262541	134999	
1.0	0.12	65635	33650	
1.5	0.18	29171	14955	
2.0	0.24	16409	8412	
2.5	0.31	10502	5384	
3.0	0.37	7393	3739	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 7.0°)

Total Luminous Flux: 1433lm

ArcSource 24MC Submersible - 24° @ 350mA

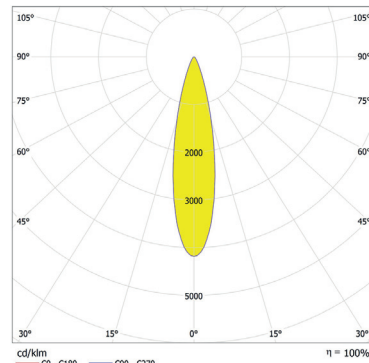


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(11.8°) E(C270)	Illuminance [lx]
0.5	0.21	13690	6472	
1.0	0.42	3423	1618	
1.5	0.63	1521	719	
2.0	0.84	856	405	
2.5	1.04	548	259	
3.0	1.25	380	180	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 23.6°)

Total Luminous Flux: 823lm

ArcSource 24MC Submersible - 24° @ 700mA



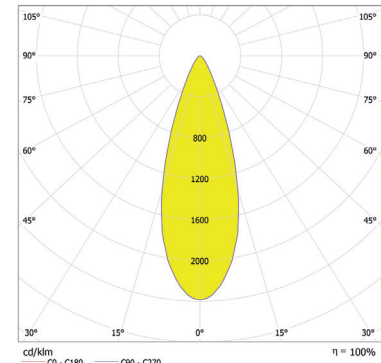
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(11.7°) E(C270)	Illuminance [lx]
0.5	0.21	21655	10239	
1.0	0.41	5414	2560	
1.5	0.62	2406	1138	
2.0	0.83	1353	649	
2.5	1.04	866	410	
3.0	1.24	602	284	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 23.4°)

Total Luminous Flux: 1294lm

For foot Candles divide lux by 10.7

ArcSource 24MC Submersible - 34° @ 350mA

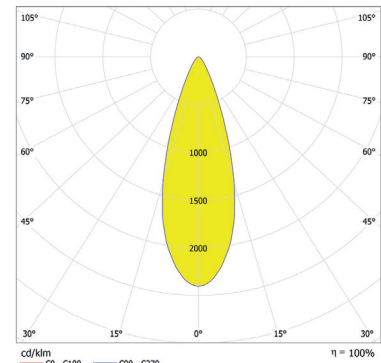


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(17.1°) E(C270)	Illuminance [lx]
0.5	0.31	7462	3269	
1.0	0.62	1865	817	
1.5	0.92	829	363	
2.0	1.23	466	204	
2.5	1.54	298	131	
3.0	1.85	207	91	

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

Total Luminous Flux: 782lm

ArcSource 24MC Submersible - 34° @ 700mA



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(17.1°) E(C270)	Illuminance [lx]
0.5	0.31	11660	5103	
1.0	0.62	2920	1276	
1.5	0.92	1298	567	
2.0	1.23	730	319	
2.5	1.54	467	204	
3.0	1.85	334	142	

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

Total Luminous Flux: 1215lm