

# ArcLine Optic (Multi-Chip) <sup>tm</sup>



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

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

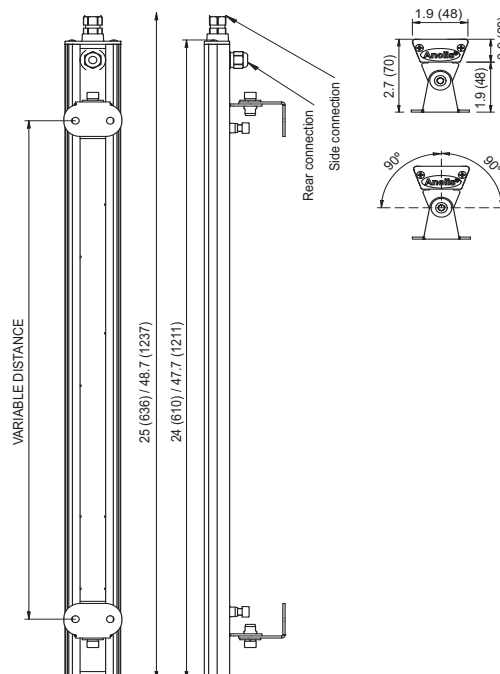
Specifier: \_\_\_\_\_

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

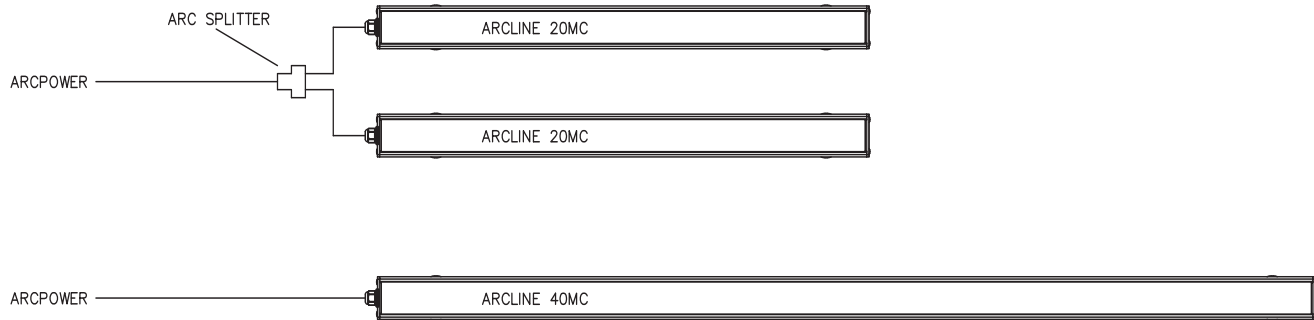


**FEATURES:**

- Input Voltage: 48V DC Via ArcPower Range
- Power consumption: 22W, 44W
- Light Source: 5, 10
- Delivered Lumen: Range of 1114 - 2222lm
- Projected LED Life: 50,000 Hrs
- Lumen Output Per Foot: 557lm
- Control: DMX Controller
- Housing: Extruded Aluminium - Glass Cover
- Fixing Method: Mounting Brackets
- IP Rating: IP2X
- 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		48V DC
	Power Consumption		22W, 44W
Optical	Light Source		5 x (20MC) , 10 x (40MC) x High Power LEDs
		RGBW	W = CW - 6500K, NW - 4200K
		PW	3200K, 6500K
		SW	2700K-6500K
	LED Channel		Red / Green / Blue / White, Pure White, Smart White
Beam Angle		27°, 36°, 21°x36°	
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 Range
	Stand Alone Control		N/A
Physical	Width x Height x Depth	Inches	25.04, 48.7 x 3.07 x 1.97
		mm	636, 1237 x 78 x 50
	Weight	lbs	2.43, 4.19
		kg	1.1, 1.9
	Housing		Extruded Aluminium Glass cover
	Fixture Cable and Connections		24 AWG x 4P Cat 5 - 1.5m (4.92ft) - RJ45
	Fixing Method		Mounting Brackets
	Adjustability		+/-90°
	IP Rating		IP2X
	IK Rating		IK**
	Cooling system		Convection
	Operating Ambient Temperature		-20°C / +40°C (-4°F / +104°F)
	Operating Temperature		+50°C @ Ambient +40°C (+122°F @ Ambient +104°F)
Certification	Listings		ETL / cETL, CE, RoHS

Subject to change without notice - please contact Anolis for clarification

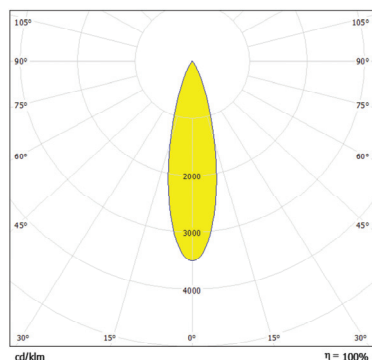
Accessories	Description
	Allen Key (Included)
	Splitter 1pcs (See Splitter Specification Sheet) (Included)
	Splitter n/a for Arcline 40



## Photometric Data:

For foot Candles divide lux by 10.7

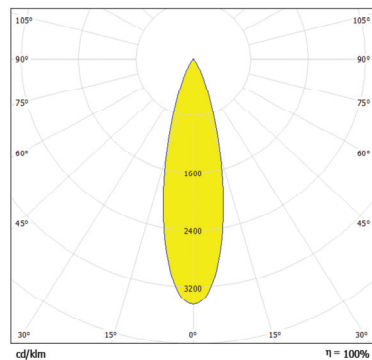
ArcLine Optic 20MC - 27°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.24	15600	13.5°	7200	
1.0	0.48	3902	13.5°	1000	
1.5	0.72	1724	13.5°	800	
2.0	0.96	976	13.5°	450	
2.5	1.20	624	13.5°	288	
3.0	1.44	434	13.5°	200	

Total Luminous Flux: 1114lm

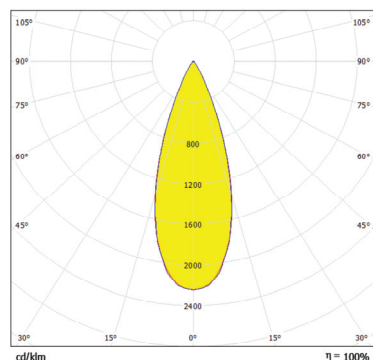
ArcLine Optic 40MC - 27°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.24	30622	13.6°	14121	
1.0	0.48	7656	13.6°	3500	
1.5	0.72	3403	13.6°	1569	
2.0	0.97	1914	13.6°	883	
2.5	1.21	1225	13.6°	505	
3.0	1.45	861	13.6°	392	

Total Luminous Flux: 2222lm

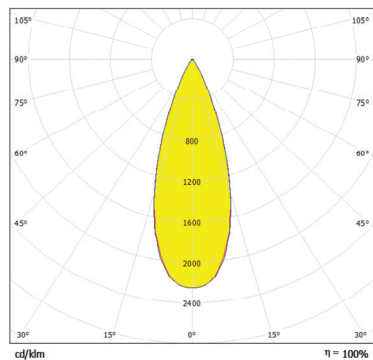
ArcLine Optic 20MC - 36°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.32	10676	17.9°	4621	
1.0	0.65	2669	17.9°	1157	
1.5	0.97	1386	17.9°	524	
2.0	1.29	907	17.9°	289	
2.5	1.61	627	17.9°	185	
3.0	1.94	427	17.9°	129	

Total Luminous Flux: 1190lm

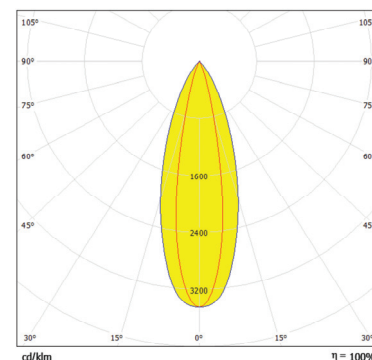
ArcLine Optic 40MC - 36°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.32	21296	17.9°	9227	
1.0	0.65	5324	17.9°	2307	
1.5	0.97	2366	17.9°	1028	
2.0	1.29	1331	17.9°	577	
2.5	1.61	852	17.9°	369	
3.0	1.94	592	17.9°	256	

Total Luminous Flux: 2369lm

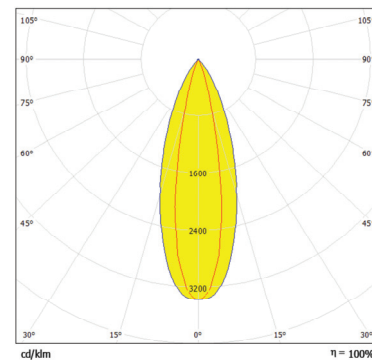
ArcLine Optic 20MC - 21°x36°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.32	15807	17.7°	6986	
1.0	0.64	3957	17.7°	1724	
1.5	0.96	1763	17.7°	766	
2.0	1.28	992	17.7°	431	
2.5	1.60	635	17.7°	270	
3.0	1.91	441	17.7°	192	

Total Luminous Flux: 1151lm

ArcLine Optic 40MC - 21°x36°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)	η = 100%
0.5	0.32	31129	17.9°	13405	
1.0	0.65	7762	17.9°	3364	
1.5	0.97	3459	17.9°	1495	
2.0	1.29	1946	17.9°	841	
2.5	1.61	1245	17.9°	508	
3.0	1.94	865	17.9°	334	

Total Luminous Flux: 2302lm