

ArcLine Outdoor Optic (Colour) tm



Client: _____

Project: _____

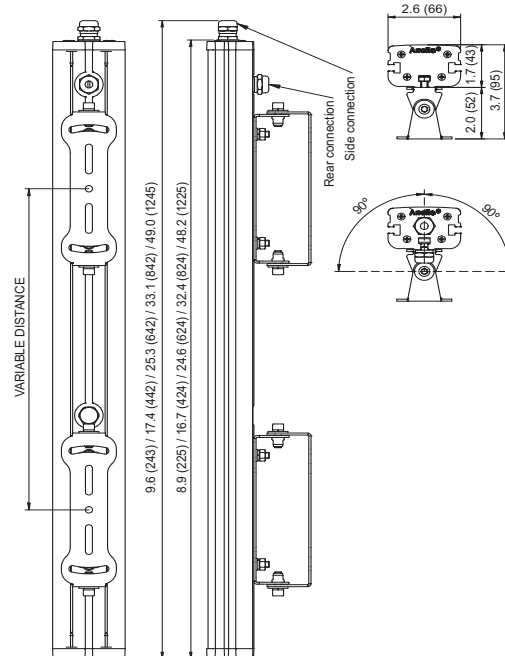
Specifier: _____

Type: _____ Qty: _____



FEATURES:

- Input Voltage: 48V DC Via ArcPower Range
- Power consumption: 6.8W, 13,6W, 20.4W, 27.2W, 40.8W
- Light Source: 6, 12, 18, 24, 36
- Delivered Lumen: Range of 266 - 1738lm
- Projected LED Life: 50,000 Hrs
- Lumen Output Per Foot: 434lm (RGB)
- Control: DMX Controller
- Housing: Extruded Aluminium - Glass Cover
- Fixing Method: Mounting Brackets
- IP Rating: IP65
- Operating Ambient Temp: -20°C/+40°C [-4°F/+104°F]
- Certification: ETL / cETL, CE, RoHS
- 5 Year Warranty



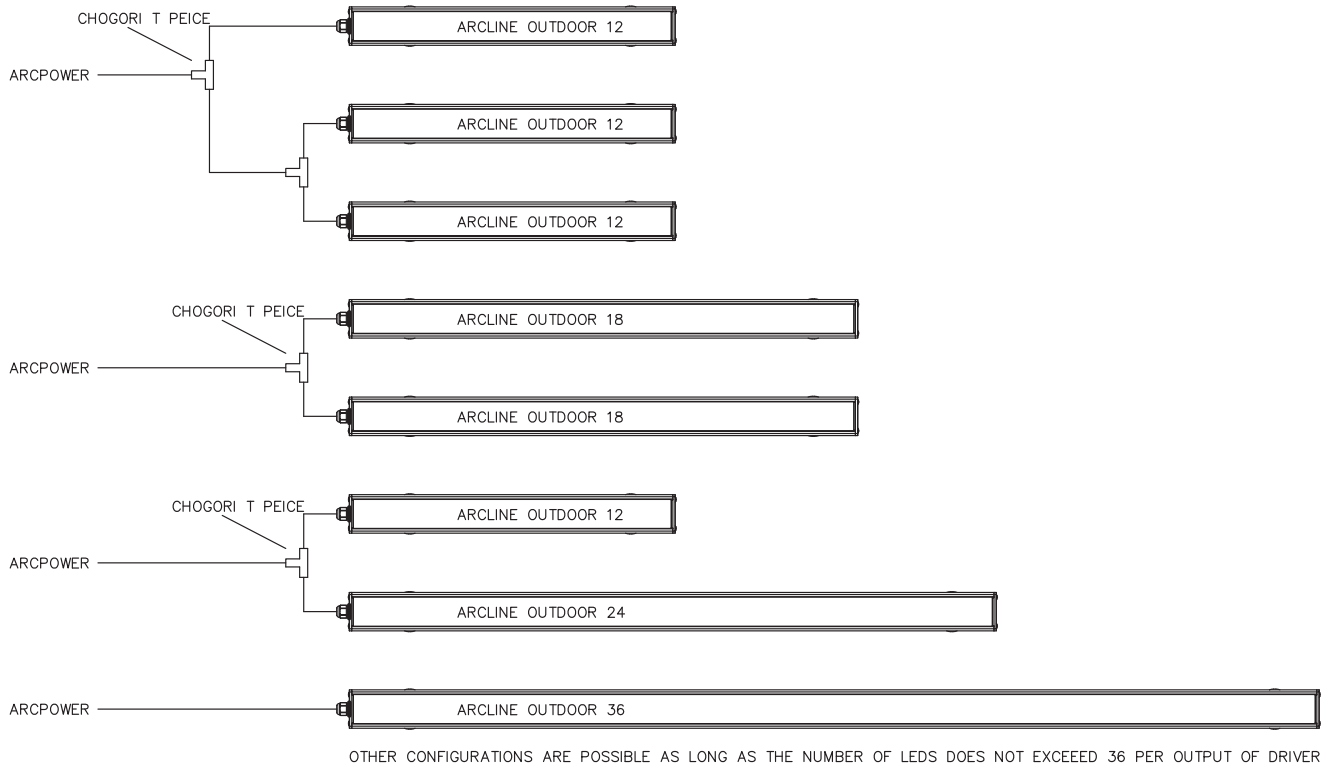
How To Order							
	GROUP	VARIANT	SIZE	COLOUR	OPTIC	FINISH	OPTIONS
ARC	1	2	3	4	5	6	7
	LNE	OUT	6	RGBW - Red, Green, Blue, White	12°	S - Silver	CUS - Custom
			12	RGB - Red, Green, Blue	25°	S - Silver	MTP - Multiple
			18	R - Red	31°	B - Black	REN - Rear Entry
			24	G - Green	EL°	W - White	SEN - Side entry
			36	B - Blue		C - Custom	CCL - Custom Cable Length
				A - Amber			
Example	ARCLINE OUTDOOR 36 RED Elliptical WHITE REAR ENTRY						
ARC	LNE	OUT	36	R	EL°	W	REN

Colour temperature to be specified at time of order
 Note: RGBW configuration only available on Arcline 12,24 and 36

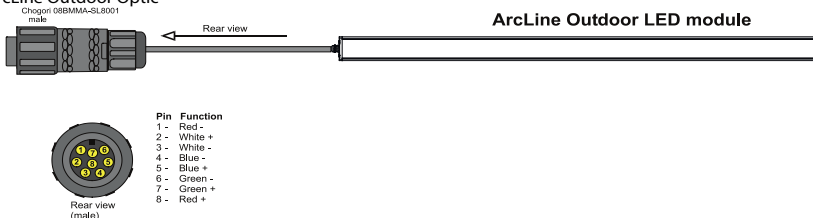
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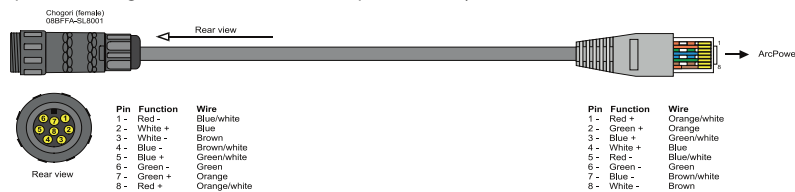
Connection Scheme:



1. ArcLine Outdoor Optic



2. Adapter cable Chogori -RJ45 (it is not a standard part of delivery)



3. Adapter cable Chogori -Chogori (it is not a standard part of delivery)



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Accessories:



Shield ArcLine Outdoor 1200mm



Shield ArcLine Outdoor 800mm



Shield ArcLine Outdoor 600mm

Extension Cable CGR8-F / RJ45, L0.25m
 Extension Cable CGR8-F / RJ45, L3m
 Extension Cable CGR8-F / RJ45, L7m
 Extension Cable CGR8-F / RJ45, L15m
 Extension Cable CGR8-F / RJ45, L20m
 other lengths on request



Extension Cable CGR8-F / M, L1m
 Extension Cable CGR8-F / M, L3m
 Extension Cable CGR8-F / M, L7m
 Extension Cable CGR8-F / M, L10m
 Extension Cable CGR8-F / M, L20m
 other lengths on request



Connector CGRBDU-08BFFA-SL8001



Connector CGRBDU-08BMMA-SL8001



T-Connector Chogori, 8-Pin, Screw



Connector Waterproof cap
(Fits Above Connector)



Connector Waterproof cap
(Fits Above Connector)

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Product Specification:

Electrical	Input Voltage	48V DC	
	Power Consumption	6.8W, 13.6W, 20.4W, 27.2W, 40.8W	
Optical	Light Source	RGBW	6, 12, 18, 24, 36, x High Power LEDs W = WW-3200K or CW-6500K
		RGB	
		R	
		G	
		B	
		A	
	LED Channel	Red / Green / Blue / White, Red, Amber, Green, Blue	
Beam Angle	12°, 25°, 31°, 47°x11°		
Projected Lumen Maintenance	50,000 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	9.53, 17.33, 26.2, 33.2, 48.9 x 3.75 x 2.6
		mm	242, 440, 665, 843, 1241, x 95 x 68
	Weight	lbs	0.66, 1.32, 1.76, 2.2, 3.3
		kg	0.3, 0.6, 0.8, 1, 1.5
	Housing	Extruded Aluminium Glass cover	
	Fixture Cable and Connections	LiYY 8xAWG22 - 0.5m (1.64ft) - Chogori IP68 Connector	
	Fixing Method	Mounting Brackets	
	Adjustability	+/-90°	
	IP Rating	IP65	
	IK Rating	IK07	
	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	

Note: RGBW configuration only available on ArcLine 12,24 and 36

Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Allen Key (Included)
	Connector Chogori CGRBDU-08BFFA (Female) IP68 (Included)
	Connector Chogori CGRBDU-08BMMA (Male) IP68
	Connector Chogori T Piece
	Connector Waterproof Cap (Male)
	Cable Chogori (Female) - RJ45 3m
	Cable Chogori (Female) - RJ45 7m
	Cable Chogori (Female) - RJ45 15m
	Cable Chogori (Female) - RJ45 20m
	<i>other lengths on request</i>

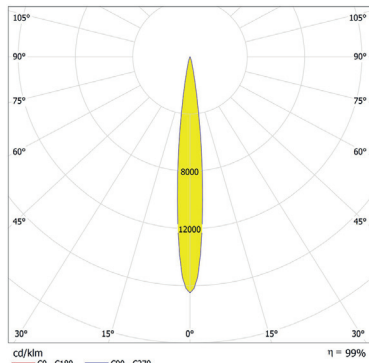


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Photometric Data:

ArcLine Outdoor Optic 6 RGB - 12°

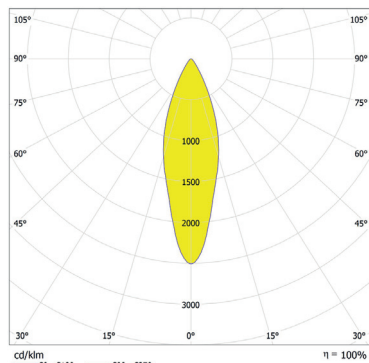


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.10	19130	5.9° 9566
1.0	0.21	4783	5.9° 2394
1.5	0.31	2126	5.9° 1063
2.0	0.41	1194	5.9° 598
2.5	0.52	765	5.9° 383
3.0	0.62	531	5.9° 266

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 11.8°)

Total Luminous Flux: 290lm

ArcLine Outdoor Optic 6 RGB - 31°

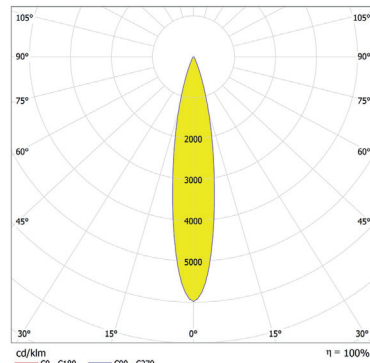


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.28	2710	15.5° 1214
1.0	0.55	678	15.5° 303
1.5	0.83	301	15.5° 135
2.0	1.11	169	15.5° 76
2.5	1.39	108	15.5° 49
3.0	1.66	75	15.5° 34

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 31.0°)

Total Luminous Flux: 279lm

ArcLine Outdoor Optic 6 RGB - 19°

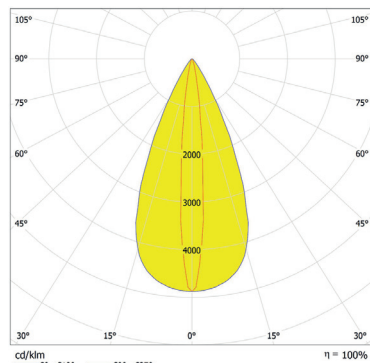


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.17	6576	9.7° 3163
1.0	0.34	1644	9.7° 791
1.5	0.51	731	9.7° 351
2.0	0.68	411	9.7° 198
2.5	0.85	263	9.7° 127
3.0	1.03	183	9.7° 88

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 19.4°)

Total Luminous Flux: 275lm

ArcLine Outdoor Optic 6 RGB - 47°x11°



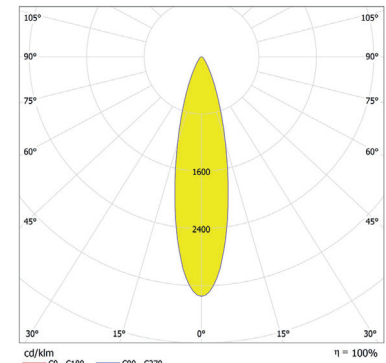
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.43	5284	23.3° 2065	5.3° 2632
1.0	0.86	1321	23.3° 516	5.3° 658
1.5	1.29	587	23.3° 229	5.3° 292
2.0	1.72	330	23.3° 129	5.3° 165
2.5	2.15	211	23.3° 83	5.3° 105
3.0	2.58	147	23.3° 57	5.3° 73

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 10.6°)
C90 - C270 (Half-value Angle: 46.6°)

Total Luminous Flux: 271lm

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 6 RGB - 25°



Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.22	3560	12.6° 1663
1.0	0.45	890	12.6° 416
1.5	0.67	396	12.6° 185
2.0	0.89	222	12.6° 104
2.5	1.12	142	12.6° 67
3.0	1.34	99	12.6° 46

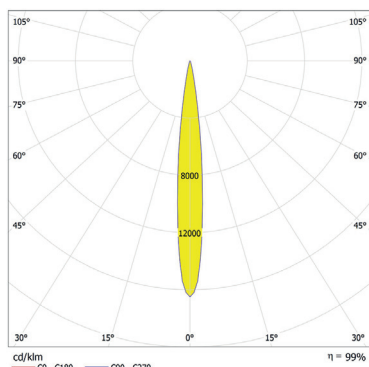
Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 25.2°)

Total Luminous Flux: 266lm

Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 12 RGB - 12°

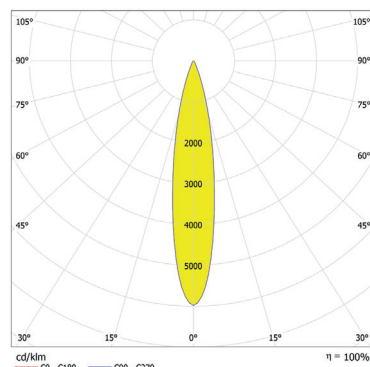


Distance [m]	Cone Diameter [m]	E(0°)	E(CO)	η
0.5	0.10	38194	5.9°	19098
1.0	0.21	9549	5.9°	4775
1.5	0.31	4244	5.9°	2122
2.0	0.41	2387	5.9°	1194
2.5	0.52	1528	5.9°	764
3.0	0.62	1061	5.9°	531

Distance [m] Cone Diameter [m] Illuminance [lx]
 — CO - C180 (Half-value Angle: 11.8°)

Total Luminous Flux: 5791lm

ArcLine Outdoor Optic 12 RGB - 19°

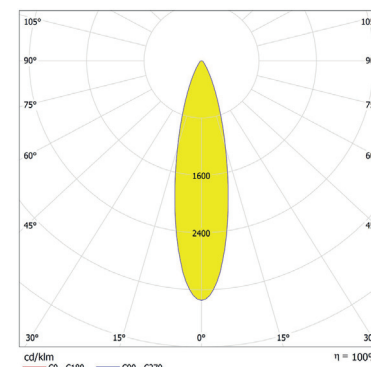


Distance [m]	Cone Diameter [m]	E(0°)	E(CO)	η
0.5	0.17	13177	9.7°	6338
1.0	0.34	3294	9.7°	1594
1.5	0.51	1464	9.7°	704
2.0	0.68	824	9.7°	396
2.5	0.85	527	9.7°	254
3.0	1.03	366	9.7°	176

Distance [m] Cone Diameter [m] Illuminance [lx]
 — CO - C180 (Half-value Angle: 19.4°)

Total Luminous Flux: 5511lm

ArcLine Outdoor Optic 12 RGB - 25°

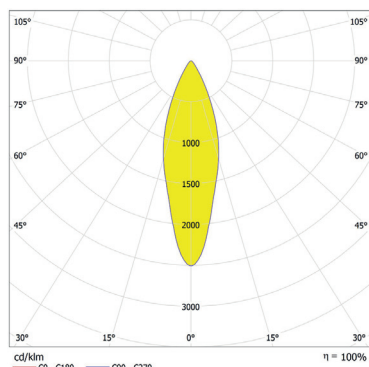


Distance [m]	Cone Diameter [m]	E(0°)	E(CO)	η
0.5	0.22	7120	12.6°	3326
1.0	0.45	1780	12.6°	632
1.5	0.67	791	12.6°	370
2.0	0.89	445	12.6°	208
2.5	1.12	285	12.6°	133
3.0	1.34	198	12.6°	92

Distance [m] Cone Diameter [m] Illuminance [lx]
 — CO - C180 (Half-value Angle: 25.2°)

Total Luminous Flux: 5321lm

ArcLine Outdoor Optic 12 RGB - 31°

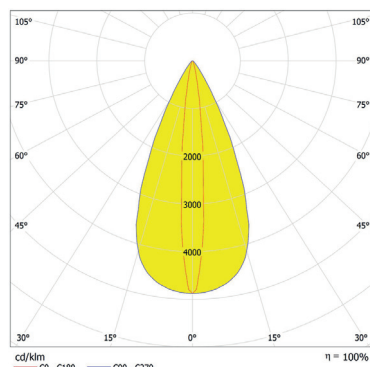


Distance [m]	Cone Diameter [m]	E(0°)	E(CO)	η
0.5	0.28	9420	15.5°	2427
1.0	0.55	1355	15.5°	607
1.5	0.83	602	15.5°	270
2.0	1.11	339	15.5°	152
2.5	1.39	217	15.5°	97
3.0	1.66	151	15.5°	67

Distance [m] Cone Diameter [m] Illuminance [lx]
 — CO - C180 (Half-value Angle: 31.0°)

Total Luminous Flux: 5401lm

ArcLine Outdoor Optic 12 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°)	E(CO)	η
0.5	0.43	19568	23.3°	4120
0.5	0.09	4120	5.3°	5265
1.0	0.86	2642	23.3°	1023
1.0	0.19	1023	5.3°	1316
1.5	1.29	1174	23.3°	459
1.5	0.28	459	5.3°	585
2.0	1.72	660	23.3°	268
2.0	0.37	268	5.3°	329
2.5	2.15	423	23.3°	165
2.5	0.46	165	5.3°	211
3.0	2.58	294	23.3°	115
3.0	0.56	115	5.3°	146

Distance [m] Cone Diameter [m] Illuminance [lx]
 — CO - C180 (Half-value Angle: 10.6°)
 — C90 - C270 (Half-value Angle: 46.6°)

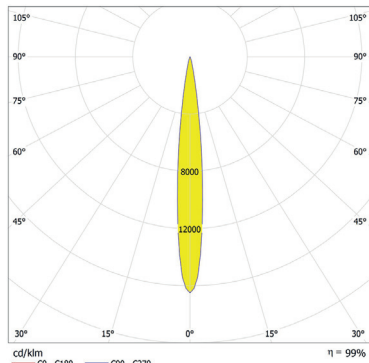
Total Luminous Flux: 5421lm

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Photometric Data:

ArcLine Outdoor Optic 18 RGB - 12°

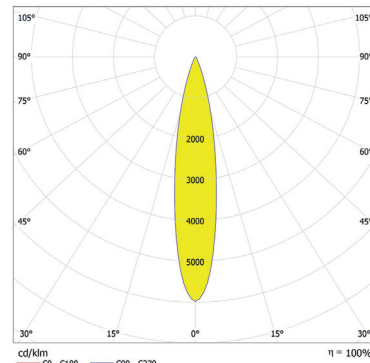


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.10	57324	28664
1.0	0.21	14331	7166
1.5	0.31	6369	3185
2.0	0.41	3583	1791
2.5	0.52	2293	1147
3.0	0.62	1592	796

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 11.8°)

Total Luminous Flux: 869lm

ArcLine Outdoor Optic 18 RGB - 19°



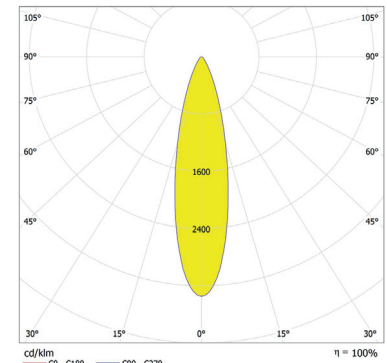
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.17	19777	9512
1.0	0.34	4944	2378
1.5	0.51	2197	1057
2.0	0.68	1236	595
2.5	0.85	791	380
3.0	1.03	549	264

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 19.4°)

Total Luminous Flux: 827lm

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 18 RGB - 25°

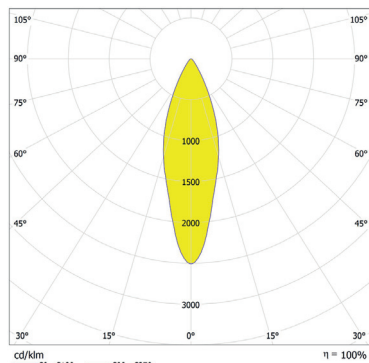


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.22	10693	4996
1.0	0.45	2673	1249
1.5	0.67	1188	555
2.0	0.89	668	312
2.5	1.12	428	200
3.0	1.34	297	139

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 25.2°)

Total Luminous Flux: 799lm

ArcLine Outdoor Optic 18 RGB - 31°

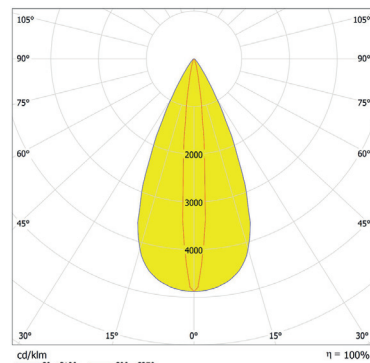


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.28	9130	3641
1.0	0.55	2033	910
1.5	0.83	903	405
2.0	1.11	508	228
2.5	1.39	325	146
3.0	1.66	226	101

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 31.0°)

Total Luminous Flux: 810lm

ArcLine Outdoor Optic 18 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.43	15882	6195
1.0	0.86	3963	1549
1.5	1.29	1761	688
2.0	1.72	991	387
2.5	2.15	636	248
3.0	2.58	440	172

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 16.6°)
 C90 - C270 (Half-value Angle: 16.6°)

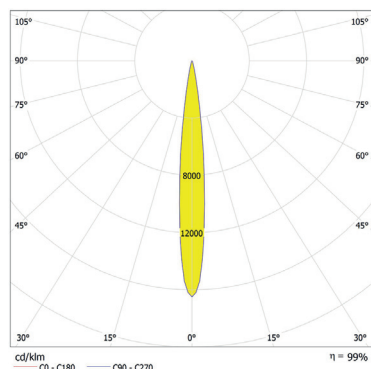
Total Luminous Flux: 813lm

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Photometric Data:

ArcLine Outdoor Optic 24 RGB - 12°

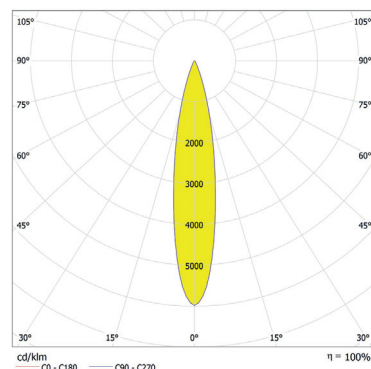


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(5.9°) [E(C270)]	Illuminance [lx]
0.5	0.10	76389	38196	
1.0	0.21	19097	9549	
1.5	0.31	8488	4244	
2.0	0.41	4774	2387	
2.5	0.52	3056	1528	
3.0	0.62	2122	1061	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 11.8°)

Total Luminous Flux: 1158lm

ArcLine Outdoor Optic 24 RGB - 19°



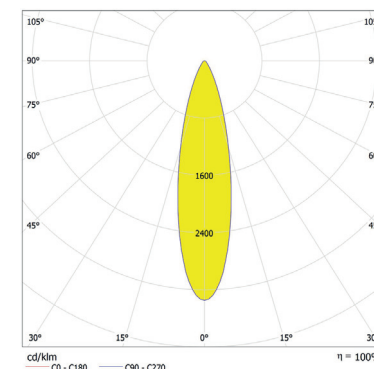
Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(9.7°) [E(C270)]	Illuminance [lx]
0.5	0.17	26354	12675	
1.0	0.34	6588	3169	
1.5	0.51	2928	1408	
2.0	0.68	1647	792	
2.5	0.85	1054	507	
3.0	1.03	732	352	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 19.4°)

Total Luminous Flux: 1102lm

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 24 RGB - 25°

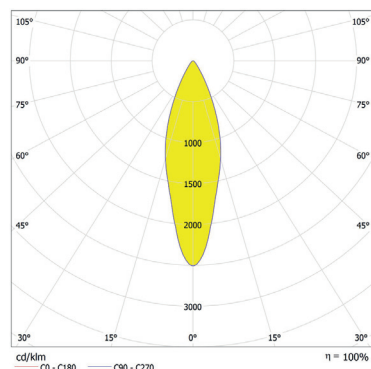


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(12.6°) [E(C270)]	Illuminance [lx]
0.5	0.22	14233	6669	
1.0	0.45	3563	1665	
1.5	0.67	1584	740	
2.0	0.89	861	416	
2.5	1.12	570	266	
3.0	1.34	396	185	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 25.2°)

Total Luminous Flux: 1065lm

ArcLine Outdoor Optic 24 RGB - 31°

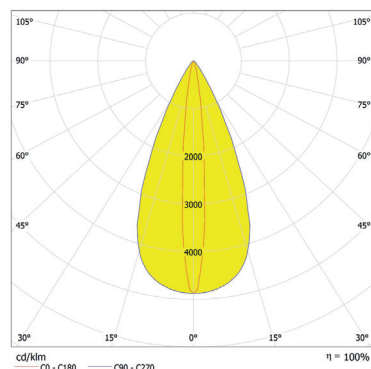


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(15.5°) [E(C270)]	Illuminance [lx]
0.5	0.28	10940	4855	
1.0	0.55	2710	1214	
1.5	0.83	1204	539	
2.0	1.11	678	303	
2.5	1.39	434	194	
3.0	1.66	301	135	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 31.0°)

Total Luminous Flux: 1080lm

ArcLine Outdoor Optic 24 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(23.3°) [E(C90)]	E(5.3°) [E(C270)]	Illuminance [lx]
0.5	0.43	21135	8260	10529	
1.0	0.86	5284	2065	2632	
1.5	1.29	2348	918	1170	
2.0	1.72	1321	516	658	
2.5	2.15	845	330	423	
3.0	2.58	587	229	292	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 10.6°)
 — C90 - C270 (Half-value Angle: 46.6°)

Total Luminous Flux: 1084lm

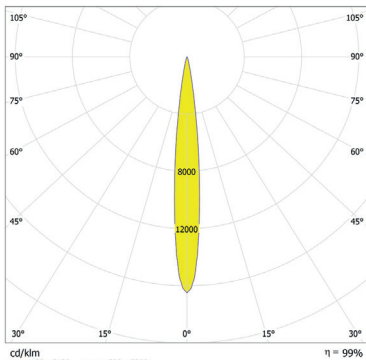
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Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 36 RGB - 12°



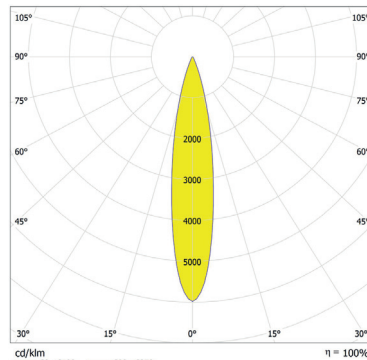
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(CD) [lx]
0.5	0.10	114649	57328
1.0	0.21	28662	14332
1.5	0.31	12739	6370
2.0	0.41	7166	3583
2.5	0.52	4586	2293
3.0	0.62	3185	1592

η = 99%

CD - C180 (Half-value Angle: 11.8°)

Total Luminous Flux: 1738lm

ArcLine Outdoor Optic 36 RGB - 19°



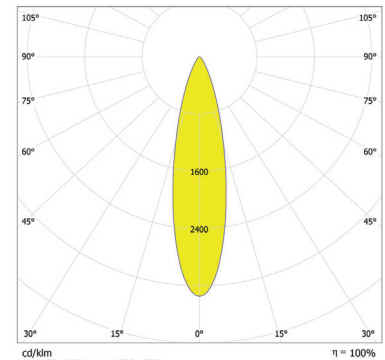
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(CD) [lx]
0.5	0.17	39554	19625
1.0	0.34	9889	4756
1.5	0.51	4305	2114
2.0	0.68	2472	1189
2.5	0.85	1582	761
3.0	1.03	1099	538

η = 100%

CD - C180 (Half-value Angle: 19.4°)

Total Luminous Flux: 1654lm

ArcLine Outdoor Optic 36 RGB - 25°



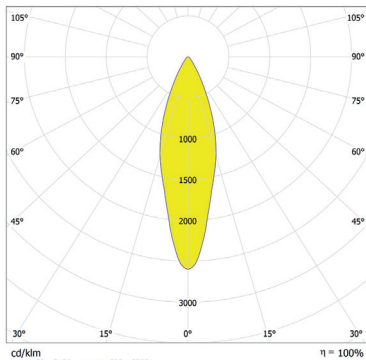
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(CD) [lx]
0.5	0.22	21386	9991
1.0	0.45	5346	2498
1.5	0.67	2376	1110
2.0	0.89	1337	624
2.5	1.12	855	400
3.0	1.34	594	278

η = 100%

CD - C180 (Half-value Angle: 25.2°)

Total Luminous Flux: 1598lm

ArcLine Outdoor Optic 36 RGB - 31°



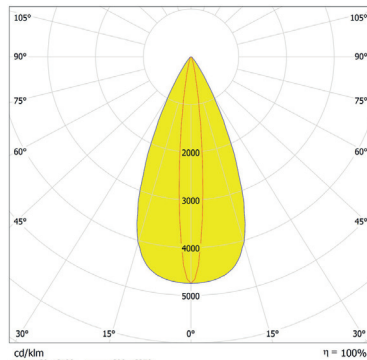
Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(CD) [lx]
0.5	0.27	17304	7811
1.0	0.54	4326	1953
1.5	0.81	1923	866
2.0	1.08	1081	488
2.5	1.35	692	312
3.0	1.62	481	217

η = 100%

CD - C180 (Half-value Angle: 30.2°)

Total Luminous Flux: 1664lm

ArcLine Outdoor Optic 36 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(CD) [lx]
0.5	0.43	32158	12488	15874
1.0	0.86	8039	3122	3969
1.5	1.29	3573	1388	1764
2.0	1.72	2010	780	992
2.5	2.15	1286	500	635
3.0	2.58	893	347	441

η = 100%

CD - C180 (Half-value Angle: 11.8°)
C90 - C270 (Half-value Angle: 46.6°)

Total Luminous Flux: 1694lm

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