

ArcLine Outdoor Optic (Colour) tm



Client: _____

Project: _____

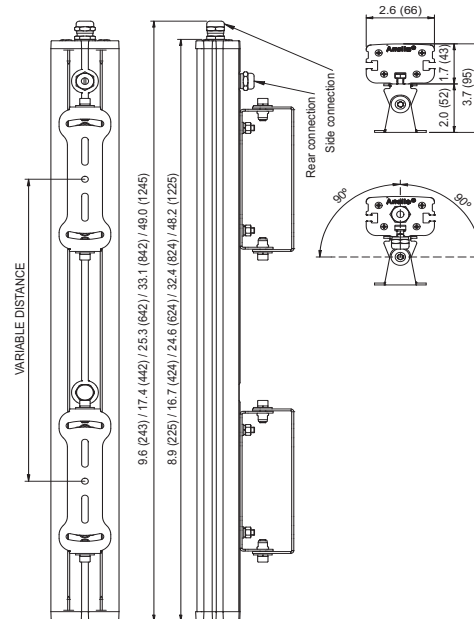
Specifier: _____

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

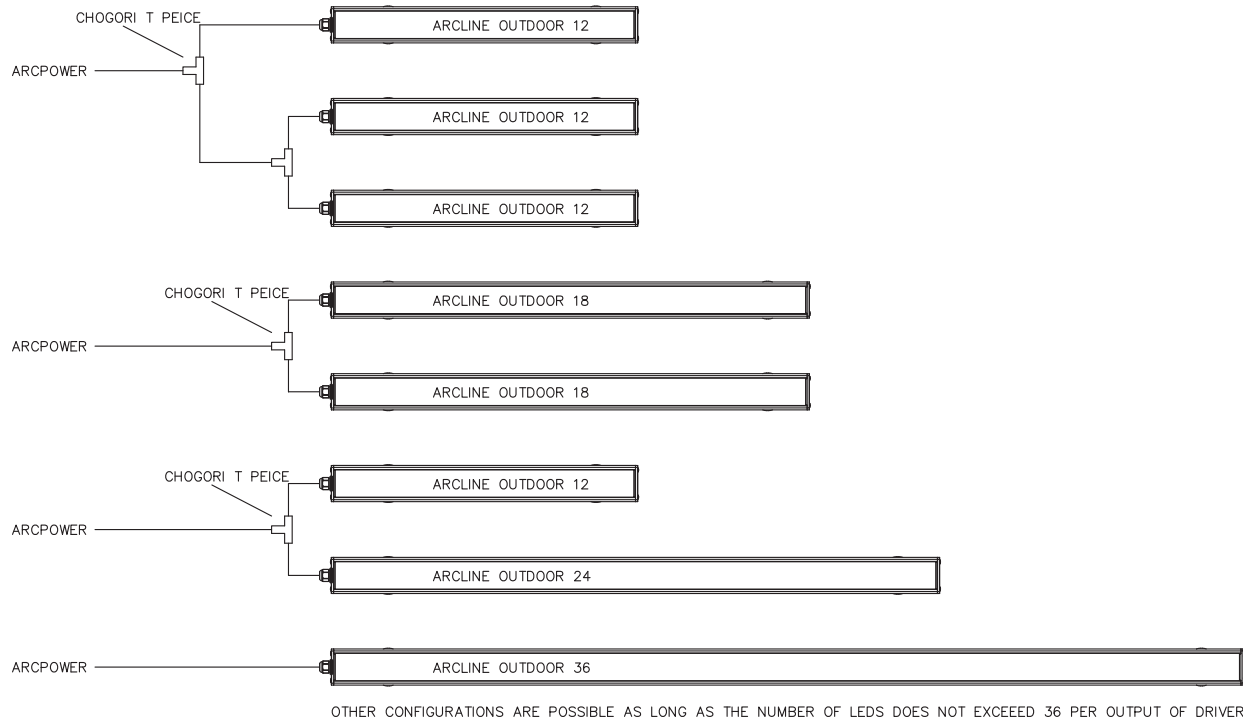
Colour temperature to be specified at time of order

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

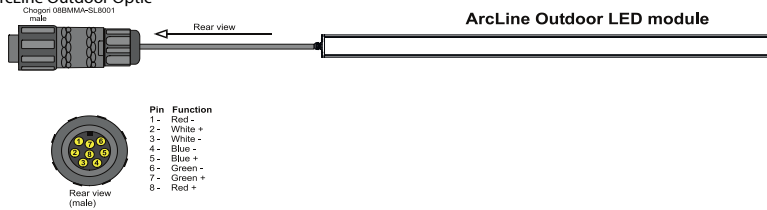
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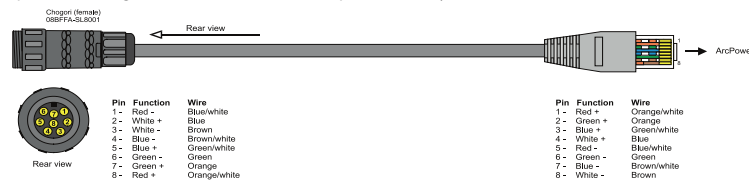
Connection Scheme:



1. ArLine 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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Product Specification:

Electrical	Input Voltage	48V DC	
	Power Consumption	6.8W, 13.6W, 20.4W, 27.2W, 40.8W	
Optical	Light Source	6, 12, 18, 24, 36, x High Power LEDs	
		W = WW-3200K or CW-6500K	
		RGBW	
		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>



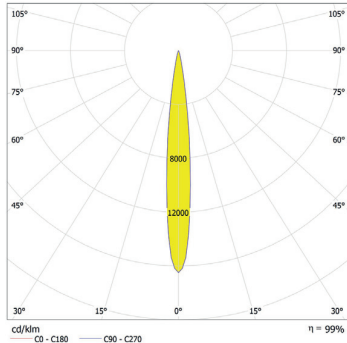
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Photometric Data:

For foot Candles divide lux by 10.7

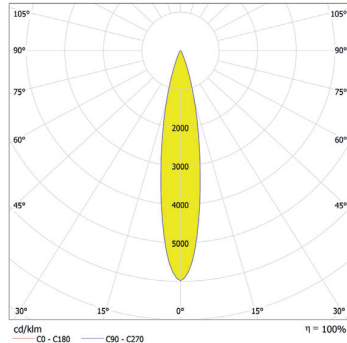
ArcLine Outdoor Optic 6 RGB - 12°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(5.9°) [E(C270)]	Illuminance [lx]
0.5	0.10	19130	5.9° 1966	
1.0	0.21	4783	5.9° 2394	
1.5	0.31	2126	5.9° 1063	
2.0	0.41	1196	5.9° 598	
2.5	0.52	765	5.9° 383	
3.0	0.62	531	5.9° 266	

Total Luminous Flux: 290lm

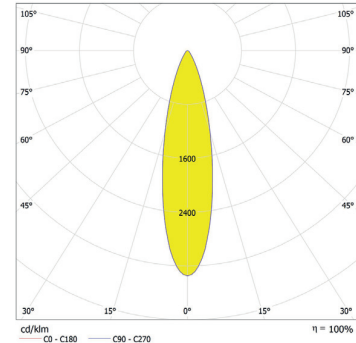
ArcLine Outdoor Optic 6 RGB - 19°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(9.7°) [E(C270)]	Illuminance [lx]
0.5	0.17	6576	9.7° 3163	
1.0	0.34	1644	9.7° 791	
1.5	0.51	771	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	

Total Luminous Flux: 275lm

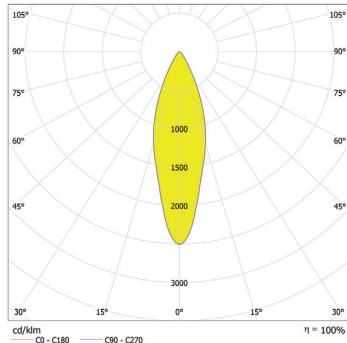
ArcLine Outdoor Optic 6 RGB - 25°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(12.6°) [E(C270)]	Illuminance [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	

Total Luminous Flux: 266lm

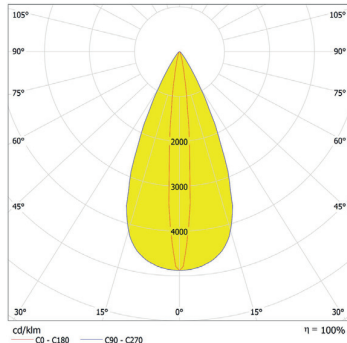
ArcLine Outdoor Optic 6 RGB - 31°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(15.5°) [E(C270)]	Illuminance [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	189	15.5° 76	
2.5	1.39	108	15.5° 49	
3.0	1.66	75	15.5° 34	

Total Luminous Flux: 279lm

ArcLine Outdoor Optic 6 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	5284	23.3° 2065	5.3° 2632	
1.0	0.86	1321	23.3° 516	5.3° 658	
1.5	1.29	887	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	

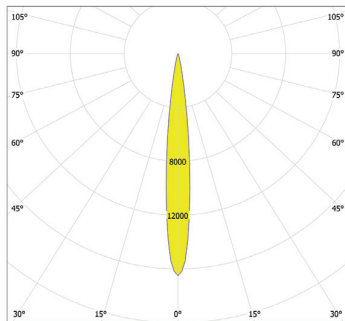
Total Luminous Flux: 271lm

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Photometric Data:

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ArcLine Outdoor Optic 12 RGB - 12°

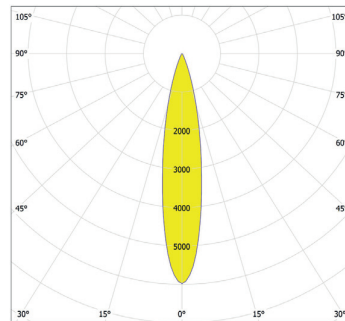


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.10	3834	3806
1.0	0.21	959	4775
1.5	0.31	424	2122
2.0	0.41	237	1194
2.5	0.52	158	764
3.0	0.62	106	531

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

Total Luminous Flux: 579lm

ArcLine Outdoor Optic 12 RGB - 19°

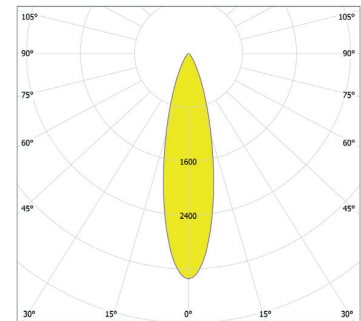


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.17	1317	638
1.0	0.34	329	1594
1.5	0.51	144	704
2.0	0.68	84	396
2.5	0.85	57	254
3.0	1.03	36	176

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

Total Luminous Flux: 551lm

ArcLine Outdoor Optic 12 RGB - 25°

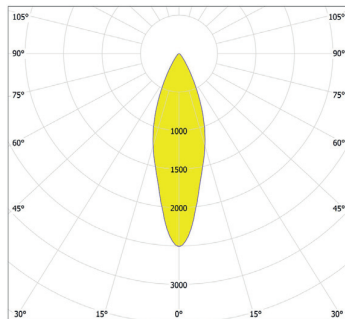


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.22	7120	3260
1.0	0.45	1780	832
1.5	0.67	791	370
2.0	0.89	445	208
2.5	1.12	285	133
3.0	1.34	198	92

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

Total Luminous Flux: 532lm

ArcLine Outdoor Optic 12 RGB - 31°

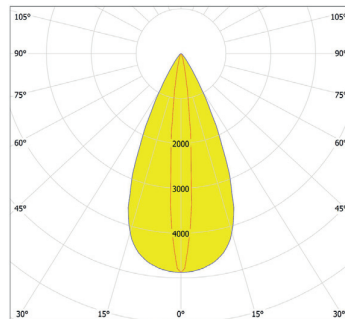


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.28	5420	2427
1.0	0.55	1355	607
1.5	0.83	602	270
2.0	1.11	339	152
2.5	1.39	217	97
3.0	1.66	151	67

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

Total Luminous Flux: 540lm

ArcLine Outdoor Optic 12 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.43	10568	4530
1.0	0.86	2642	1033
1.5	1.29	1174	489
2.0	1.72	660	288
2.5	2.15	423	185
3.0	2.58	294	146

Distance [m] Cone Diameter [m]
 CO - C180 (Half-value Angle: 10.6°)
 CO - C270 (Half-value Angle: 46.8°)
 Illuminance [lx]

Total Luminous Flux: 542lm

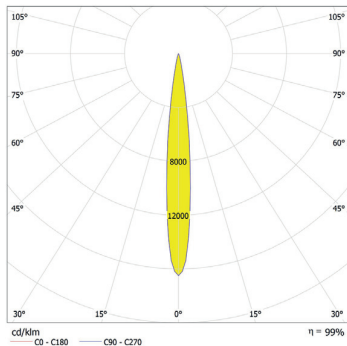
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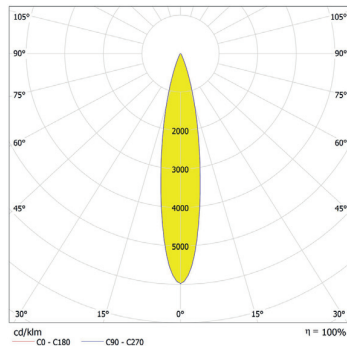
ArcLine Outdoor Optic 18 RGB - 12°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(5.9°) [E(C270)]	Illuminance [lx]
0.5	0.10	5724	2864	
1.0	0.21	1431	716	
1.5	0.31	639	318	
2.0	0.41	383	191	
2.5	0.52	223	114	
3.0	0.62	192	96	

Total Luminous Flux: 869lm

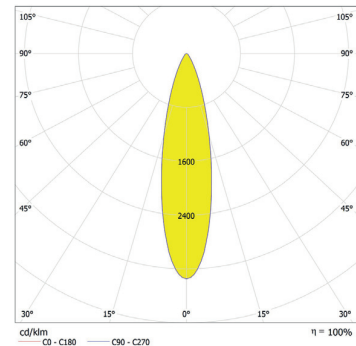
ArcLine Outdoor Optic 18 RGB - 19°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(9.7°) [E(C270)]	Illuminance [lx]
0.5	0.17	1977	912	
1.0	0.34	494	228	
1.5	0.51	219	105	
2.0	0.68	126	59	
2.5	0.85	79	38	
3.0	1.03	59	26	

Total Luminous Flux: 827lm

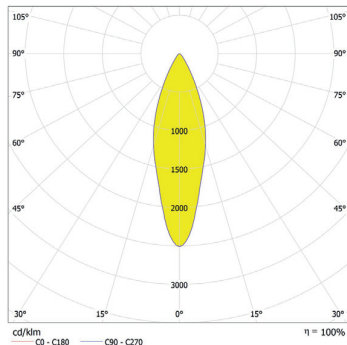
ArcLine Outdoor Optic 18 RGB - 25°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(12.6°) [E(C270)]	Illuminance [lx]
0.5	0.22	1669	496	
1.0	0.45	203	124	
1.5	0.67	118	55	
2.0	0.89	68	32	
2.5	1.12	48	20	
3.0	1.34	29	13	

Total Luminous Flux: 799lm

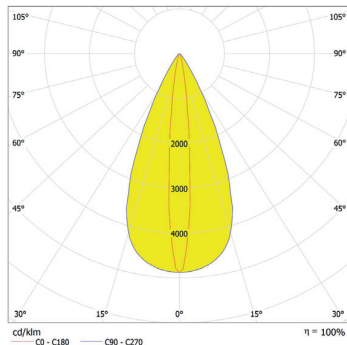
ArcLine Outdoor Optic 18 RGB - 31°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(15.5°) [E(C270)]	Illuminance [lx]
0.5	0.28	8130	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	

Total Luminous Flux: 810lm

ArcLine Outdoor Optic 18 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(23.3°) [E(C270)]	E(11.0°) [E(C90)]	E(11.0°) [E(C180)]	Illuminance [lx]
0.5	0.43	1882	605	789	789	
1.0	0.86	393	149	159	159	
1.5	1.29	176	88	87	87	
2.0	1.72	96	37	49	49	
2.5	2.15	64	26	33	33	
3.0	2.58	40	17	22	22	

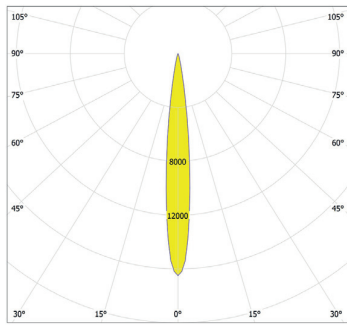
Total Luminous Flux: 813lm

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Photometric Data:

ArcLine Outdoor Optic 24 RGB - 12°

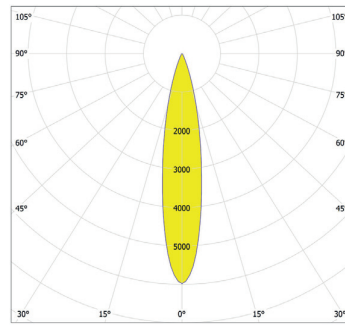


Distance [m]	Cone Diameter [m]	E(P)	E(C)	Illuminance [lx]
0.5	0.10	76369	5.9°	28196
1.0	0.21	19097	5.9°	9549
1.5	0.31	8488	5.9°	4344
2.0	0.41	4774	5.9°	2387
2.5	0.52	3056	5.9°	1528
3.0	0.62	2122	5.9°	1061

Distance [m] Cone Diameter [m]
 — CO - C180 (Half-value Angle: 11.8°) — C90 - C270

Total Luminous Flux: 1158lm

ArcLine Outdoor Optic 24 RGB - 19°



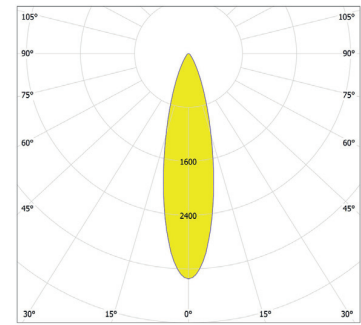
Distance [m]	Cone Diameter [m]	E(P)	E(C)	Illuminance [lx]
0.5	0.17	26254	9.7°	12629
1.0	0.34	6588	9.7°	3169
1.5	0.51	2928	9.7°	1408
2.0	0.68	1847	9.7°	792
2.5	0.85	1054	9.7°	507
3.0	1.03	732	9.7°	352

Distance [m] Cone Diameter [m]
 — CO - C180 (Half-value Angle: 19.4°) — C90 - C270

Total Luminous Flux: 1102lm

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 24 RGB - 25°

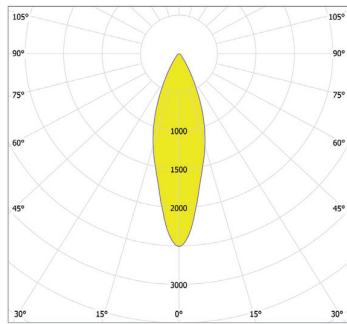


Distance [m]	Cone Diameter [m]	E(P)	E(C)	Illuminance [lx]
0.5	0.22	14253	12.6°	6699
1.0	0.45	3563	12.6°	1669
1.5	0.67	1584	12.6°	740
2.0	0.89	891	12.6°	416
2.5	1.12	570	12.6°	266
3.0	1.34	396	12.6°	185

Distance [m] Cone Diameter [m]
 — CO - C180 (Half-value Angle: 25.2°) — C90 - C270

Total Luminous Flux: 1065lm

ArcLine Outdoor Optic 24 RGB - 31°

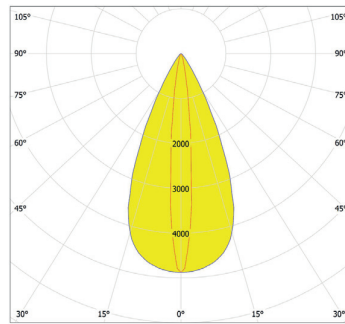


Distance [m]	Cone Diameter [m]	E(P)	E(C)	Illuminance [lx]
0.5	0.28	10840	15.5°	4855
1.0	0.55	2710	15.5°	1214
1.5	0.83	1294	15.5°	539
2.0	1.11	678	15.5°	303
2.5	1.39	434	15.5°	194
3.0	1.66	301	15.5°	135

Distance [m] Cone Diameter [m]
 — CO - C180 (Half-value Angle: 31.0°) — C90 - C270

Total Luminous Flux: 1080lm

ArcLine Outdoor Optic 24 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(P)	E(C)	Illuminance [lx]
0.5	0.43	21135	23.3°	8260
1.0	0.86	5284	23.3°	2065
1.5	1.29	2348	23.3°	918
2.0	1.72	1321	23.3°	516
2.5	2.15	845	23.3°	330
3.0	2.58	587	23.3°	229

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

Total Luminous Flux: 1084lm

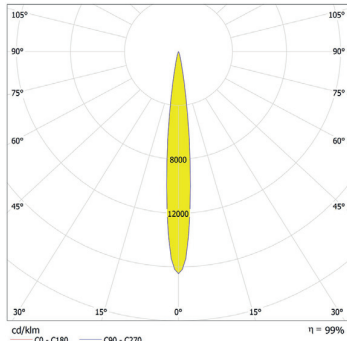
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Photometric Data:

For foot Candles divide lux by 10.7

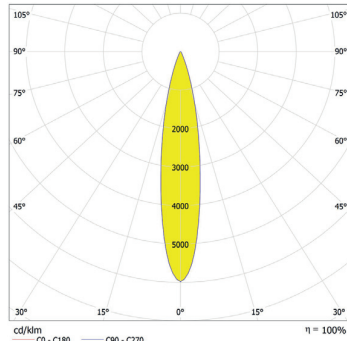
ArcLine Outdoor Optic 36 RGB - 12°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(12°) [E(C12)]	Illuminance [lx]
0.5	0.10	114649	5.9° 3728	
1.0	0.21	28662	5.9° 14332	
1.5	0.31	13739	5.9° 6370	
2.0	0.41	7186	5.9° 2953	
2.5	0.52	4986	5.9° 2293	
3.0	0.62	3185	5.9° 1992	

Total Luminous Flux: 1738lm

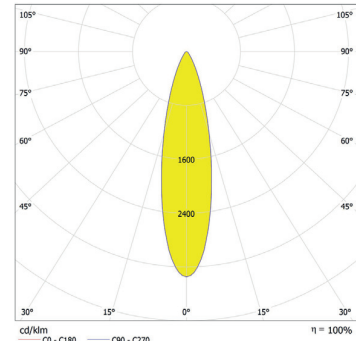
ArcLine Outdoor Optic 36 RGB - 19°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(19°) [E(C19)]	Illuminance [lx]
0.5	0.17	39554	9.7° 19025	
1.0	0.34	9889	9.7° 4756	
1.5	0.51	4305	9.7° 2114	
2.0	0.68	2472	9.7° 1189	
2.5	0.85	1582	9.7° 761	
3.0	1.03	1099	9.7° 528	

Total Luminous Flux: 1654lm

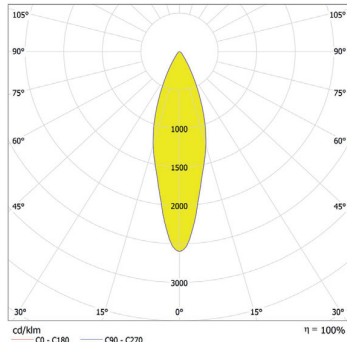
ArcLine Outdoor Optic 36 RGB - 25°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(25°) [E(C25)]	Illuminance [lx]
0.5	0.22	21386	12.6° 9991	
1.0	0.45	5346	12.6° 2498	
1.5	0.67	3316	12.6° 1110	
2.0	0.89	1337	12.6° 624	
2.5	1.12	855	12.6° 400	
3.0	1.34	594	12.6° 278	

Total Luminous Flux: 1598lm

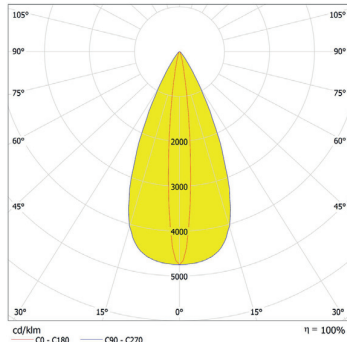
ArcLine Outdoor Optic 36 RGB - 31°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(31°) [E(C31)]	Illuminance [lx]
0.5	0.27	17304	15.1° 7811	
1.0	0.54	4326	15.1° 3953	
1.5	0.81	1923	15.1° 866	
2.0	1.08	1061	15.1° 488	
2.5	1.35	692	15.1° 312	
3.0	1.62	481	15.1° 217	

Total Luminous Flux: 1664lm

ArcLine Outdoor Optic 36 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(47°) [E(C47)]	E(11°) [E(C11)]	Illuminance [lx]
0.5	0.43	32158	23.3° 1488	5.9° 15874	
1.0	0.86	8039	23.3° 712	5.9° 3969	
1.5	1.29	3573	23.3° 336	5.9° 1764	
2.0	1.72	2010	23.3° 190	5.9° 992	
2.5	2.15	1286	23.3° 500	5.9° 635	
3.0	2.58	893	23.3° 347	5.9° 451	

Total Luminous Flux: 1694lm

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