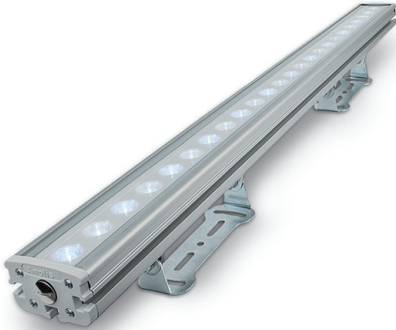


# ArcLine Outdoor Optic (White) <sup>tm</sup>



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

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

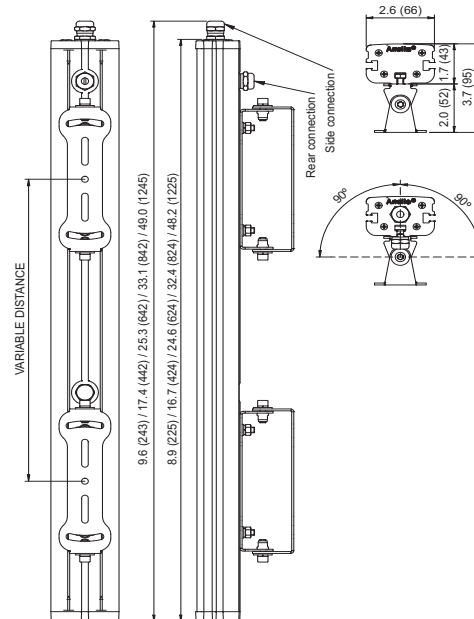
Specifier: \_\_\_\_\_

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: 546 - 3534lm (Cool White)
- 524 - 3408lm (Warm White)
- Projected LED Life: 50,000 Hrs
- Lumen Output Per Foot: 589lm (Cool White - 15dg)
- 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



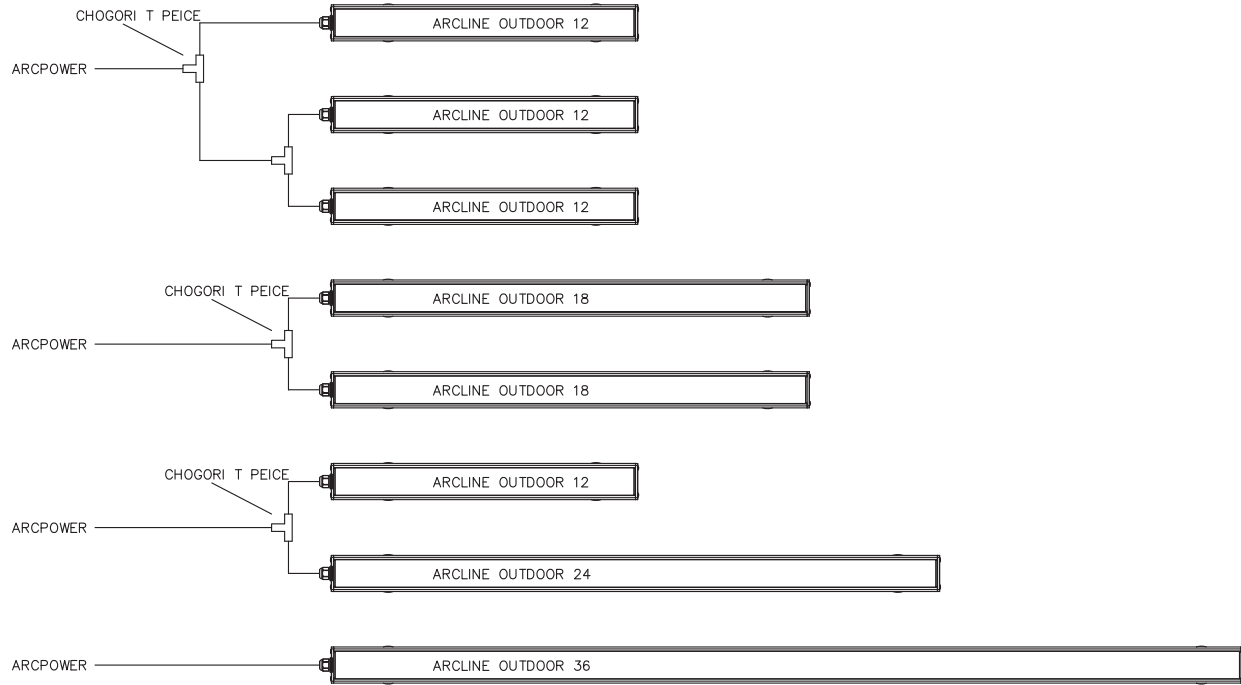
How To Order	GROUP	VARIANT	SIZE	COLOUR	OPTIC	FINISH	OPTIONS
ARC	1	2	3	4	5	6	7
	LNE	OUT	6	PW - Pure White	16°	S - Silver	CUS - Custom
			12	SW - Smart White	25°	B - Black	MTP - Multiple
			18		35°	W - White	REN - Rear Entry
			24		EL°	C - Custom	SEN - Side entry
			36				CCL - Custom Cable Length
Example	ARCLINE OUTDOOR 12 SMART WHITE ELIPTICAL WHITE MULTIPLE						
ARC	LNE	OUT	12	SW	EL	W	MTP - Multiple

Colour temperature to be specified at time of order

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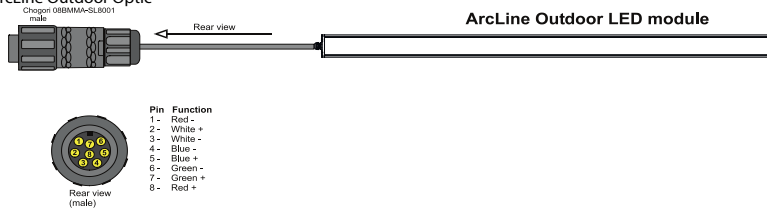
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## Connection Scheme:

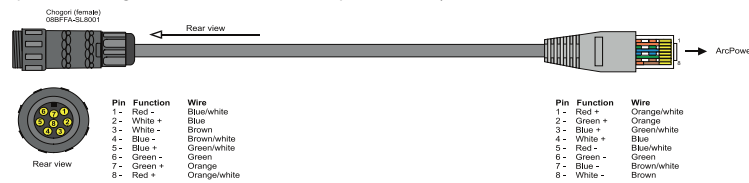


OTHER CONFIGURATIONS ARE POSSIBLE AS LONG AS THE NUMBER OF LEDS DOES NOT EXCEED 36 PER OUTPUT OF DRIVER

### 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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## 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
		PW	3200K, 4300K, 6500K
		SW	3200K - 6500K
	LED Channel		Pure White, Smart White
	Beam Angle		16°, 25°, 35°, 45°x18°
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 66
	Weight	lbs	2.07, 4.07, 7.12, 8.13, 11.15
		kg	1.1, 2, 3.5, 4, 5.4
	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

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>



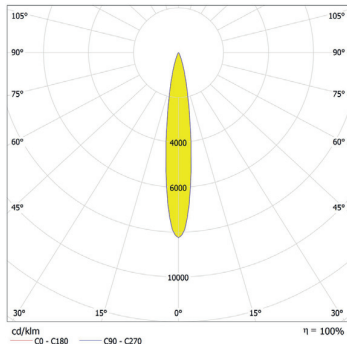
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Photometric Data:

For foot Candles divide lux by 10.7

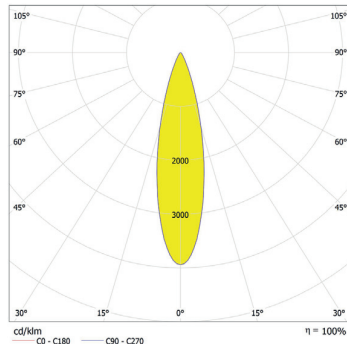
ArcLine Outdoor Optic 6 CW - 15°



Distance [m]	Cone Diameter [m]	E(P) <sup>1</sup>	E(C) <sup>2</sup>	Illuminance [lx]
0.5	0.14	19435	7.7° 9962	
1.0	0.27	4889	7.7° 2396	
1.5	0.41	2159	7.7° 1062	
2.0	0.54	1215	7.7° 598	
2.5	0.68	777	7.7° 382	
3.0	0.81	540	7.7° 286	

Total Luminous Flux: 589lm

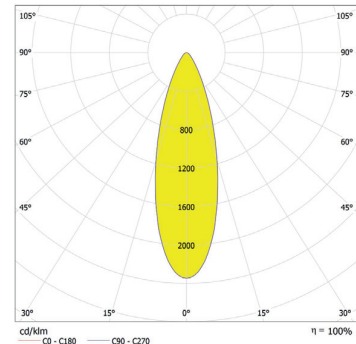
ArcLine Outdoor Optic 6 CW - 25°



Distance [m]	Cone Diameter [m]	E(P) <sup>1</sup>	E(C) <sup>2</sup>	Illuminance [lx]
0.5	0.22	9000	12.5° 4221	
1.0	0.44	2250	12.5° 1055	
1.5	0.67	1000	12.5° 469	
2.0	0.89	563	12.5° 264	
2.5	1.11	360	12.5° 169	
3.0	1.33	250	12.5° 117	

Total Luminous Flux: 571lm

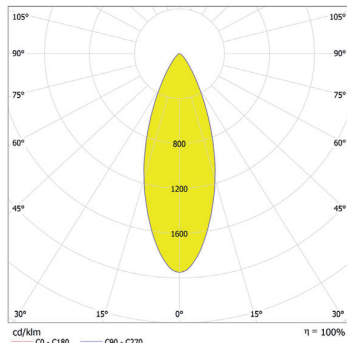
ArcLine Outdoor Optic 6 CW - 31°



Distance [m]	Cone Diameter [m]	E(P) <sup>1</sup>	E(C) <sup>2</sup>	Illuminance [lx]
0.5	0.28	8000	15.6° 5127	2207
1.0	0.56	1980	15.6° 1282	577
1.5	0.84	1000	15.6° 570	256
2.0	1.12	563	15.6° 320	144
2.5	1.40	360	15.6° 205	92
3.0	1.68	250	15.6° 142	64

Total Luminous Flux: 546lm

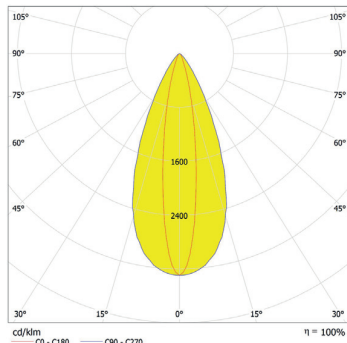
ArcLine Outdoor Optic 6 CW - 37°



Distance [m]	Cone Diameter [m]	E(P) <sup>1</sup>	E(C) <sup>2</sup>	Illuminance [lx]
0.5	0.34	4384	18.6° 1868	
1.0	0.67	1096	18.6° 467	
1.5	1.01	487	18.6° 208	
2.0	1.35	274	18.6° 117	
2.5	1.68	175	18.6° 75	
3.0	2.02	122	18.6° 52	

Total Luminous Flux: 562lm

ArcLine Outdoor Optic 6 CW - 44° x 17°



Distance [m]	Cone Diameter [m]	E(P) <sup>1</sup>	E(C) <sup>2</sup>	Illuminance [lx]
0.5	0.41	7642	22.1° 3054	3732
1.0	0.81	1911	22.1° 764	933
1.5	1.22	889	22.1° 339	415
2.0	1.62	476	22.1° 191	233
2.5	2.03	306	22.1° 122	149
3.0	2.44	212	22.1° 85	104

Total Luminous Flux: 580lm

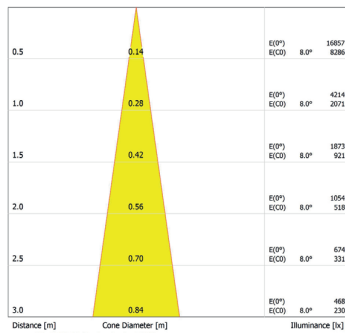
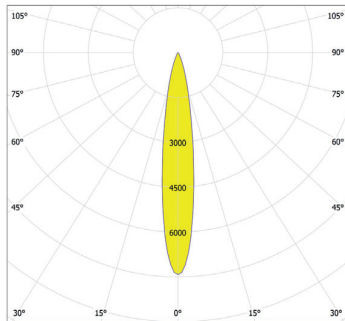
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## Photometric Data:

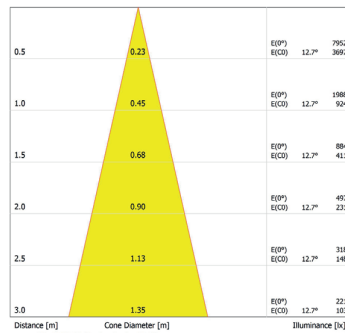
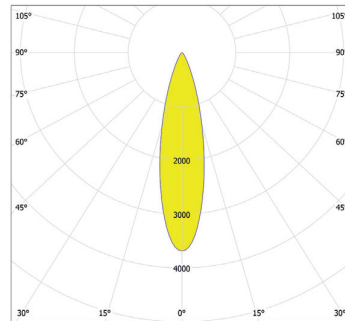
For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 6 WW - 16°



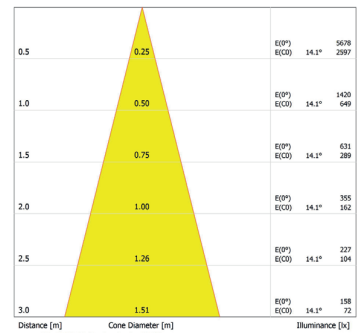
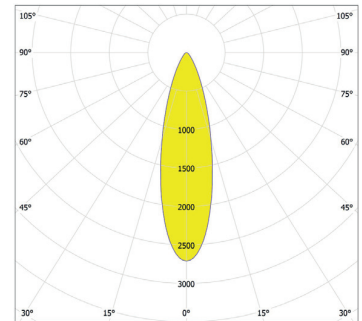
Total Luminous Flux: 568lm

ArcLine Outdoor Optic 6 WW - 25°



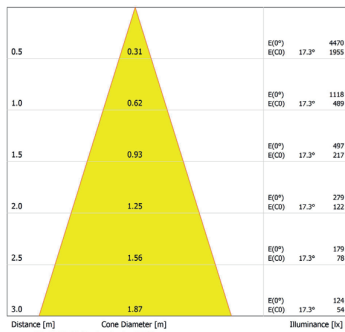
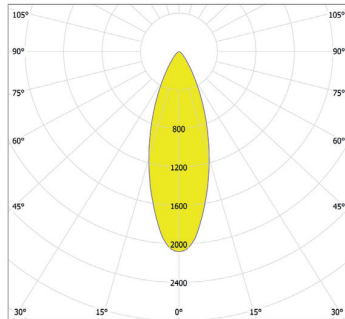
Total Luminous Flux: 540lm

ArcLine Outdoor Optic 6 WW - 28°



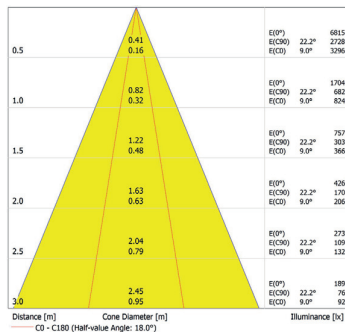
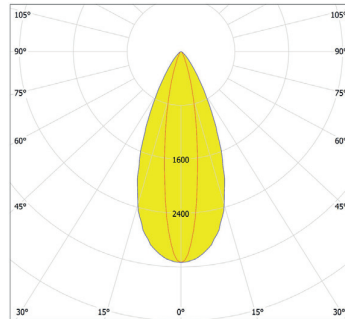
Total Luminous Flux: 524lm

ArcLine Outdoor Optic 6 WW - 35°



Total Luminous Flux: 537lm

ArcLine Outdoor Optic 6 WW - 45°x18°



Total Luminous Flux: 544lm

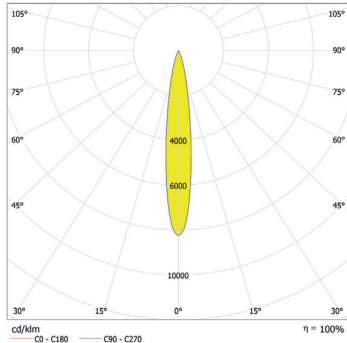
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Photometric Data:

For foot Candles divide lux by 10.7

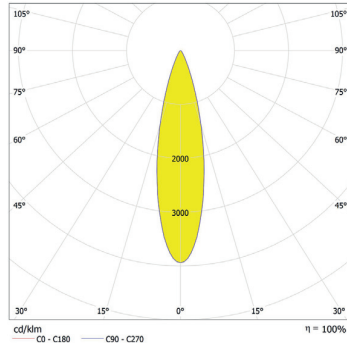
ArcLine Outdoor Optic 12 CW - 15°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.14	3868	1924
1.0	0.27	972	476
1.5	0.41	419	212
2.0	0.54	249	119
2.5	0.68	155	76
3.0	0.81	100	51

Total Luminous Flux: 1178lm

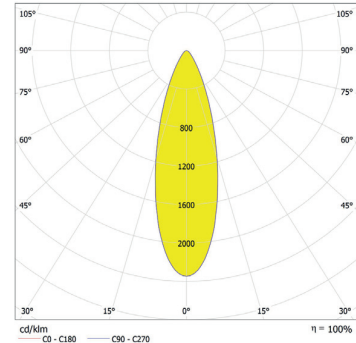
ArcLine Outdoor Optic 12 CW - 25°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.22	1816	869
1.0	0.44	454	213
1.5	0.67	202	99
2.0	0.89	116	52
2.5	1.11	72	33
3.0	1.33	50	23

Total Luminous Flux: 1143lm

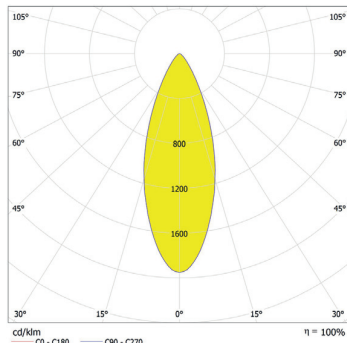
ArcLine Outdoor Optic 12 CW - 31°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.28	1023	461
1.0	0.56	256	115
1.5	0.84	114	53
2.0	1.12	64	29
2.5	1.40	41	18
3.0	1.68	28	13

Total Luminous Flux: 1093lm

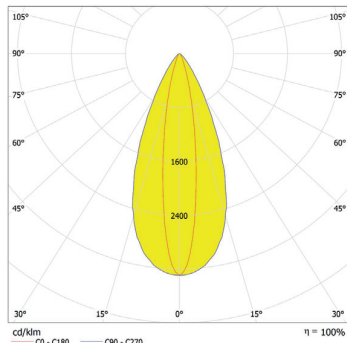
ArcLine Outdoor Optic 12 CW - 37°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.34	878	373
1.0	0.67	219	93
1.5	1.01	94	41
2.0	1.35	58	24
2.5	1.68	35	14
3.0	2.02	24	10

Total Luminous Flux: 1124lm

ArcLine Outdoor Optic 12 CW - 44°x17°



Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C) [lx]
0.5	0.41	1524	618
1.0	0.81	381	152
1.5	1.22	162	69
2.0	1.62	95	38
2.5	2.03	61	24
3.0	2.44	42	17

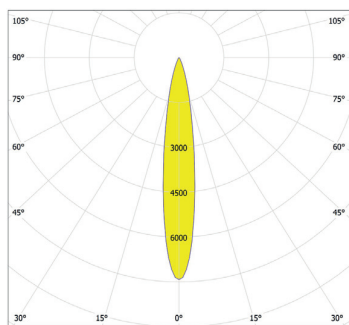
Total Luminous Flux: 1160lm

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Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 12 WW - 16°

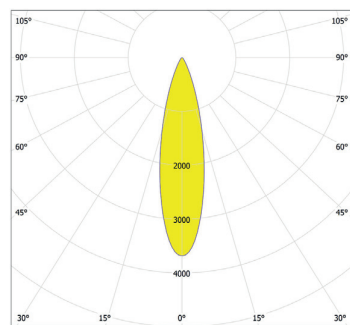


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(8.0°) [E(C270)]	Illuminance [lx]
0.5	0.14	33715	38771	
1.0	0.28	8429	4143	
1.5	0.42	3746	1841	
2.0	0.56	2107	1036	
2.5	0.70	1348	663	
3.0	0.84	937	466	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 16.0°) Illuminance [lx]

Total Luminous Flux: 1136lm

ArcLine Outdoor Optic 12 WW - 25°

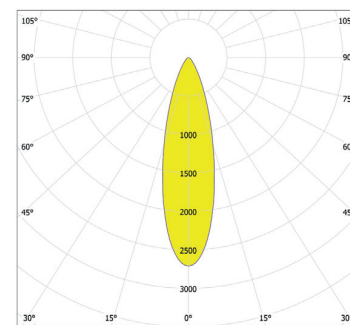


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(12.7°) [E(C270)]	Illuminance [lx]
0.5	0.23	15904	7294	
1.0	0.45	3976	1948	
1.5	0.68	1767	822	
2.0	0.90	994	462	
2.5	1.13	636	296	
3.0	1.35	442	205	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 25.4°) Illuminance [lx]

Total Luminous Flux: 1080lm

ArcLine Outdoor Optic 12 WW - 28°

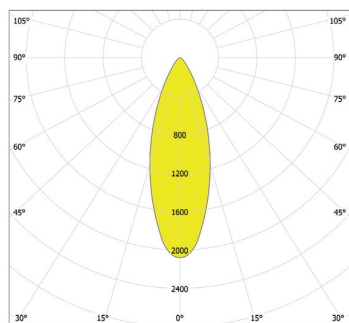


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(14.1°) [E(C270)]	Illuminance [lx]
0.5	0.35	11396	5196	
1.0	0.50	2839	1299	
1.5	0.75	1262	577	
2.0	1.00	710	325	
2.5	1.25	454	208	
3.0	1.51	315	144	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 28.2°) Illuminance [lx]

Total Luminous Flux: 1048lm

ArcLine Outdoor Optic 12 WW - 35°

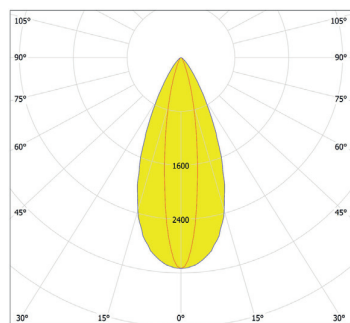


Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(17.3°) [E(C270)]	Illuminance [lx]
0.5	0.31	8941	3910	
1.0	0.62	2235	978	
1.5	0.93	993	434	
2.0	1.25	533	244	
2.5	1.56	358	156	
3.0	1.87	248	109	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 34.6°) Illuminance [lx]

Total Luminous Flux: 1074lm

ArcLine Outdoor Optic 12 WW - 45°x18°



Distance [m]	Cone Diameter [m]	E(0°) [E(C0)]	E(22.2°) [E(C90)]	E(9.0°) [E(C270)]	Illuminance [lx]
0.5	0.41	13643	5460	6997	
1.0	0.82	3411	1365	1699	
1.5	1.22	1516	607	733	
2.0	1.63	853	344	412	
2.5	2.04	546	218	264	
3.0	2.45	379	152	183	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 18.0°)  
 C90 - C270 (Half-value Angle: 44.4°) Illuminance [lx]

Total Luminous Flux: 1089lm

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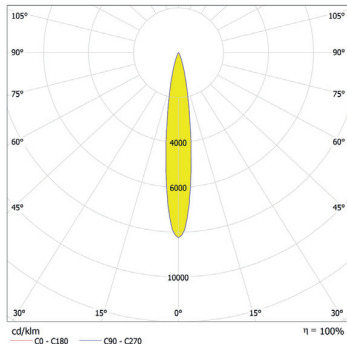
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Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 18 CW - 15°

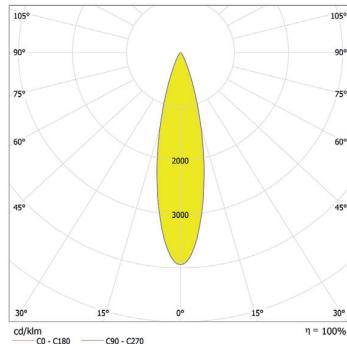


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.14	58304	7.2° 28886	
1.0	0.27	14576	7.2° 7372	
1.5	0.41	6478	7.2° 3187	
2.0	0.54	3644	7.2° 1793	
2.5	0.68	2322	7.2° 1147	
3.0	0.81	1620	7.2° 797	

Distance [m] Cone Diameter [m] Illuminance [lx]  
 CO - C180 (Half-value Angle: 15.4°)

Total Luminous Flux: 1767lm

ArcLine Outdoor Optic 18 CW - 25°

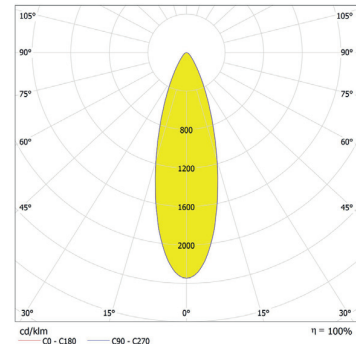


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.22	27833	12.5° 12679	
1.0	0.44	6758	12.5° 3129	
1.5	0.67	3004	12.5° 1409	
2.0	0.89	1690	12.5° 792	
2.5	1.11	1081	12.5° 507	
3.0	1.33	751	12.5° 352	

Distance [m] Cone Diameter [m] Illuminance [lx]  
 CO - C180 (Half-value Angle: 25.0°)

Total Luminous Flux: 1715lm

ArcLine Outdoor Optic 18 CW - 31°

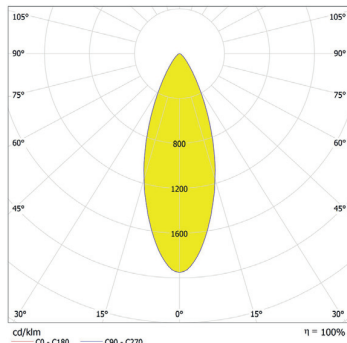


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.28	15400	15.6° 6931	
1.0	0.56	3850	15.6° 1733	
1.5	0.84	1711	15.6° 770	
2.0	1.12	962	15.6° 433	
2.5	1.40	616	15.6° 277	
3.0	1.68	428	15.6° 193	

Distance [m] Cone Diameter [m] Illuminance [lx]  
 CO - C180 (Half-value Angle: 31.2°)

Total Luminous Flux: 1640lm

ArcLine Outdoor Optic 18 CW - 37°

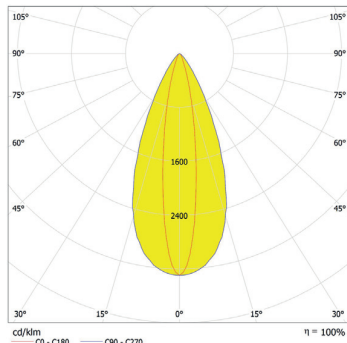


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.34	13155	18.6° 3609	
1.0	0.67	3288	18.6° 1401	
1.5	1.01	1461	18.6° 623	
2.0	1.35	822	18.6° 350	
2.5	1.68	526	18.6° 224	
3.0	2.02	385	18.6° 156	

Distance [m] Cone Diameter [m] Illuminance [lx]  
 CO - C180 (Half-value Angle: 37.2°)

Total Luminous Flux: 1686lm

ArcLine Outdoor Optic 18 CW - 44°x17°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.41	22926	22.1° 9162	
0.5	0.15	11195	8.5° 51195	
1.0	0.81	5732	22.1° 2291	
1.0	0.30	2799	8.5° 2799	
1.5	1.22	2567	22.1° 1028	
1.5	0.45	1244	8.5° 1244	
2.0	1.62	1453	22.1° 523	
2.0	0.60	700	8.5° 700	
2.5	2.03	917	22.1° 366	
2.5	0.75	448	8.5° 448	
3.0	2.44	637	22.1° 255	
3.0	0.90	311	8.5° 311	

Distance [m] Cone Diameter [m] Illuminance [lx]  
 CO - C180 (Half-value Angle: 17.0°)  
 CO - C270 (Half-value Angle: 44.2°)

Total Luminous Flux: 1740lm

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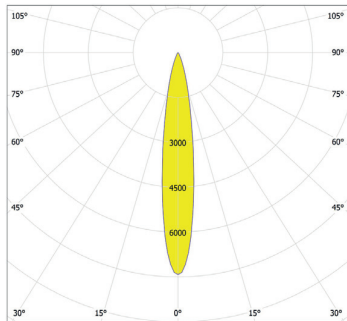
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## Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 18 WW - 16°

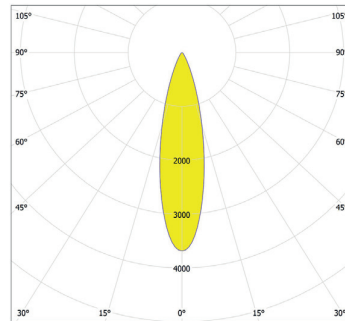


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.14	5672	8.0° 24857	
1.0	0.28	12643	8.0° 4234	
1.5	0.42	1619	8.0° 2162	
2.0	0.56	3161	8.0° 1354	
2.5	0.70	2023	8.0° 994	
3.0	0.84	1405	8.0° 696	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 16.0°)

Total Luminous Flux: 1704lm

ArcLine Outdoor Optic 18 WW - 25°

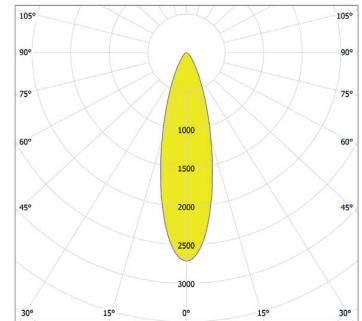


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.23	2386	12.7° 1191	
1.0	0.45	964	12.7° 273	
1.5	0.68	2651	12.7° 123	
2.0	0.90	1491	12.7° 693	
2.5	1.13	954	12.7° 444	
3.0	1.35	603	12.7° 300	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 25.4°)

Total Luminous Flux: 1620lm

ArcLine Outdoor Optic 18 WW - 28°

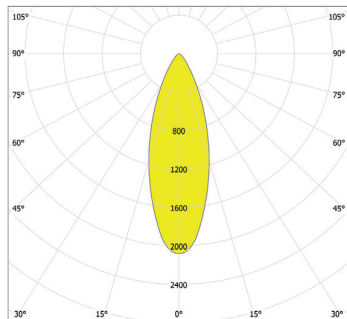


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.25	1705	14.1° 7797	
1.0	0.50	4261	14.1° 1946	
1.5	0.75	1894	14.1° 866	
2.0	1.00	1065	14.1° 467	
2.5	1.26	682	14.1° 312	
3.0	1.51	473	14.1° 217	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 28.2°)

Total Luminous Flux: 1573lm

ArcLine Outdoor Optic 18 WW - 35°

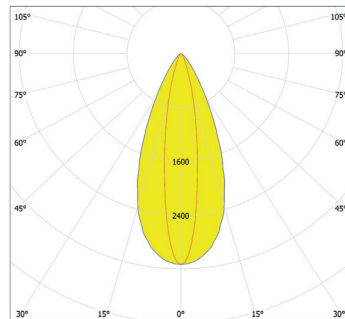


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.31	13420	17.3° 5869	
1.0	0.62	3355	17.3° 1467	
1.5	0.93	1491	17.3° 652	
2.0	1.25	839	17.3° 367	
2.5	1.56	537	17.3° 235	
3.0	1.87	373	17.3° 163	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 34.6°)

Total Luminous Flux: 1612lm

ArcLine Outdoor Optic 18 WW - 45°x18°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(C) [lm]	Illuminance [lx]
0.5	0.41	20471	22.2° 8193	
0.5	0.16	9899	9.0° 9899	
1.0	0.82	5118	22.2° 2048	
1.0	0.32	2475	9.0° 2475	
1.5	1.22	2275	22.2° 910	
1.5	0.48	1100	9.0° 1100	
2.0	1.63	1279	22.2° 512	
2.0	0.63	619	9.0° 619	
2.5	2.04	819	22.2° 328	
2.5	0.79	396	9.0° 396	
3.0	2.45	569	22.2° 238	
3.0	0.95	275	9.0° 275	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 18.0°)  
 C20 - C270 (Half-value Angle: 44.4°)

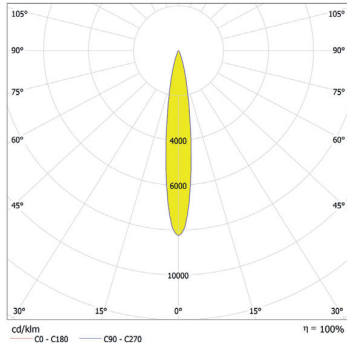
Total Luminous Flux: 1634lm

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Photometric Data:

For foot Candles divide lux by 10.7

ArLine Outdoor Optic 24 CW - 15°

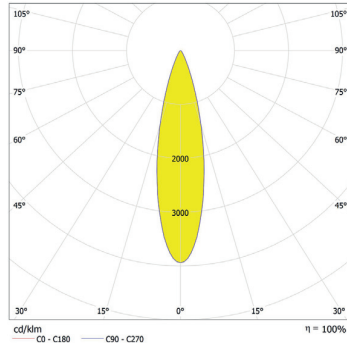


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(7.2°) E(C270)
0.5	0.14	77739	38249
1.0	0.27	19435	9562
1.5	0.41	8638	4250
2.0	0.54	4859	2391
2.5	0.68	3110	1530
3.0	0.81	2139	1062

Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 15.4°)  
 Illuminance [lx]

Total Luminous Flux: 2356lm

ArLine Outdoor Optic 24 CW - 25°

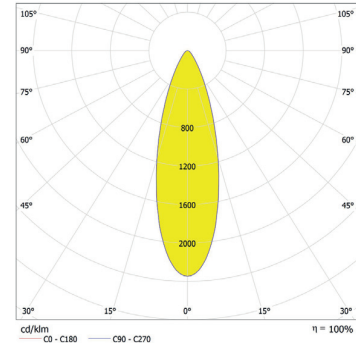


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(12.5°) E(C270)
0.5	0.22	3653	1690
1.0	0.44	9008	425
1.5	0.67	4004	1878
2.0	0.89	2252	1056
2.5	1.11	1441	676
3.0	1.33	1001	469

Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 25.0°)  
 Illuminance [lx]

Total Luminous Flux: 2286lm

ArLine Outdoor Optic 24 CW - 31°

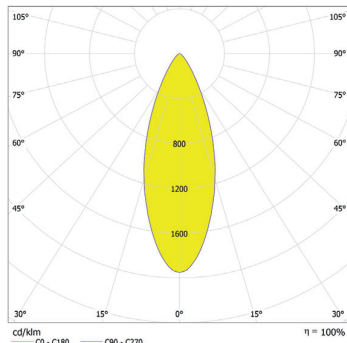


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(15.6°) E(C270)
0.5	0.28	2652	928
1.0	0.56	5132	2310
1.5	0.84	2281	1026
2.0	1.12	1383	577
2.5	1.40	821	370
3.0	1.68	570	257

Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 31.2°)  
 Illuminance [lx]

Total Luminous Flux: 2186lm

ArLine Outdoor Optic 24 CW - 37°

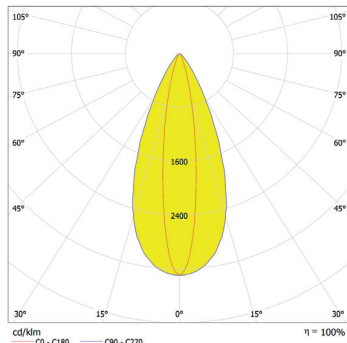


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.6°) E(C270)
0.5	0.34	17535	7474
1.0	0.67	4384	1868
1.5	1.01	1948	830
2.0	1.35	1096	467
2.5	1.68	701	299
3.0	2.02	487	208

Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 37.2°)  
 Illuminance [lx]

Total Luminous Flux: 2248lm

ArLine Outdoor Optic 24 CW - 44°x17°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(22.1°) E(C36)	E(8.5°) E(C270)
0.5	0.41	30568	12216	14927
1.0	0.81	7642	3054	3732
1.5	1.22	2396	1387	1659
2.0	1.62	1911	764	933
2.5	2.03	1223	489	597
3.0	2.44	849	339	415

Distance [m] Cone Diameter [m]  
 — C0 - C180 (Half-value Angle: 17.0°)  
 — C36 - C270 (Half-value Angle: 44.2°)  
 Illuminance [lx]

Total Luminous Flux: 2320lm

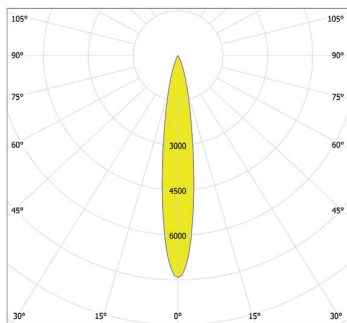
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Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Outdoor Optic 24 WW - 16°

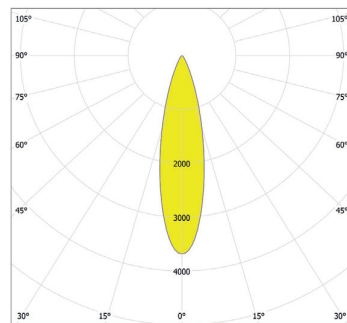


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.14	61420	8.0°	33442
1.0	0.28	16857	8.0°	8286
1.5	0.42	7492	8.0°	3682
2.0	0.56	4214	8.0°	2071
2.5	0.70	2697	8.0°	1326
3.0	0.84	1873	8.0°	921

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 16.0°) Illuminance [lx]

Total Luminous Flux: 2272lm

ArcLine Outdoor Optic 24 WW - 25°

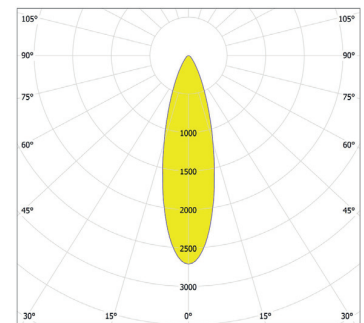


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.23	31808	12.7°	14787
1.0	0.45	7952	12.7°	3697
1.5	0.68	3534	12.7°	1643
2.0	0.90	1988	12.7°	924
2.5	1.13	1372	12.7°	591
3.0	1.35	884	12.7°	411

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 25.4°) Illuminance [lx]

Total Luminous Flux: 2160lm

ArcLine Outdoor Optic 24 WW - 28°

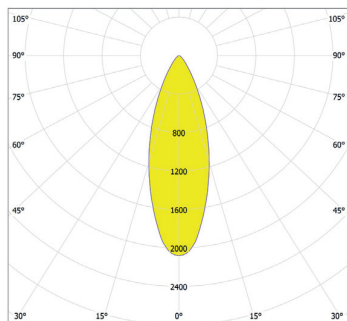


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.35	22062	14.1°	10922
1.0	0.50	5516	14.1°	2523
1.5	0.75	2451	14.1°	1121
2.0	1.00	1379	14.1°	631
2.5	1.25	882	14.1°	404
3.0	1.51	613	14.1°	285

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 28.2°) Illuminance [lx]

Total Luminous Flux: 2036lm

ArcLine Outdoor Optic 24 WW - 35°

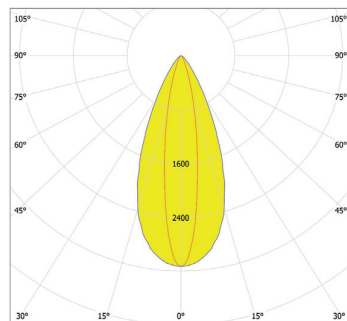


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.31	17882	17.3°	7821
1.0	0.62	4470	17.3°	1955
1.5	0.93	1987	17.3°	869
2.0	1.25	1188	17.3°	489
2.5	1.56	715	17.3°	313
3.0	1.87	497	17.3°	217

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 34.6°) Illuminance [lx]

Total Luminous Flux: 2148lm

ArcLine Outdoor Optic 24 WW - 45°x18°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.41	22807	22.2°	10921
0.5	0.16	911	9.0°	13195
1.0	0.82	6822	22.2°	2730
1.0	0.32	3299	9.0°	5299
1.5	1.22	3812	22.2°	1213
1.5	0.48	1466	9.0°	1466
2.0	1.63	1705	22.2°	683
2.0	0.63	825	9.0°	825
2.5	2.04	1091	22.2°	437
2.5	0.79	528	9.0°	528
3.0	2.45	758	22.2°	303
3.0	0.95	367	9.0°	367

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 18.0°)  
 C90 - C270 (Half-value Angle: 44.4°) Illuminance [lx]

Total Luminous Flux: 2178lm

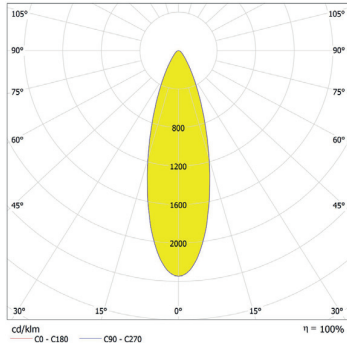
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Photometric Data:

For foot Candles divide lux by 10.7

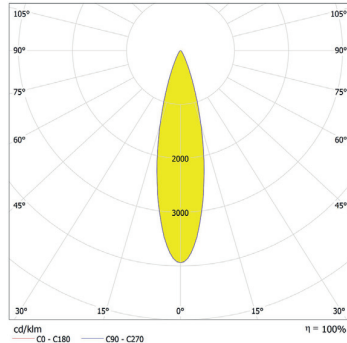
ArLine Outdoor Optic 36 CW - 15°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	Illuminance [lx]
0.5	0.14	15698 7.7° 5392	
1.0	0.27	29152 7.7° 14340	
1.5	0.41	12956 7.7° 6375	
2.0	0.54	7288 7.7° 3586	
2.5	0.68	4664 7.7° 2295	
3.0	0.81	3239 7.7° 1594	

Total Luminous Flux: 3534lm

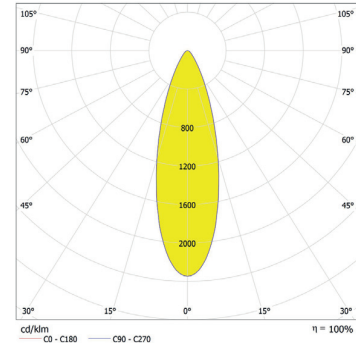
ArLine Outdoor Optic 36 CW - 25°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	Illuminance [lx]
0.5	0.22	9468 13.5° 2638	
1.0	0.44	13516 12.5° 6339	
1.5	0.67	6007 12.5° 2818	
2.0	0.89	3339 12.5° 1585	
2.5	1.11	2183 12.5° 1014	
3.0	1.33	1502 12.5° 704	

Total Luminous Flux: 3480lm

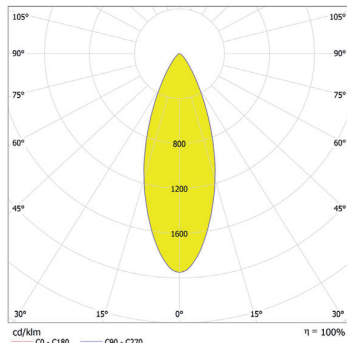
ArLine Outdoor Optic 36 CW - 31°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	Illuminance [lx]
0.5	0.28	3079 15.6° 1382	
1.0	0.56	7700 15.6° 3465	
1.5	0.84	3422 15.6° 1540	
2.0	1.12	1925 15.6° 866	
2.5	1.40	1232 15.6° 554	
3.0	1.68	886 15.6° 385	

Total Luminous Flux: 3280lm

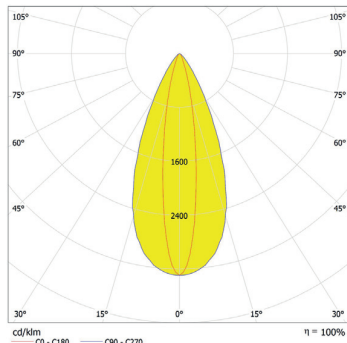
ArLine Outdoor Optic 36 CW - 37°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	Illuminance [lx]
0.5	0.34	26303 18.6° 11211	
1.0	0.67	6576 18.6° 2803	
1.5	1.01	2923 18.6° 1246	
2.0	1.35	1644 18.6° 701	
2.5	1.68	1052 18.6° 448	
3.0	2.02	731 18.6° 311	

Total Luminous Flux: 3372lm

ArLine Outdoor Optic 36 CW - 44°x17°



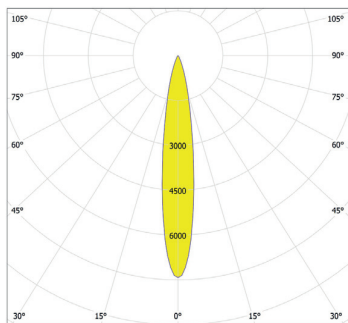
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	Illuminance [lx]
0.5	0.41 0.15	4582 22.1° 18324 8.5° 2390	
1.0	0.81 0.30	11463 22.1° 4581 8.5° 5597	
1.5	1.22 0.45	5085 22.1° 2036 8.5° 2488	
2.0	1.62 0.60	2866 22.1° 1145 8.5° 1399	
2.5	2.03 0.75	1834 22.1° 723 8.5° 896	
3.0	2.44 0.90	1274 22.1° 509 8.5° 622	

Total Luminous Flux: 3480lm

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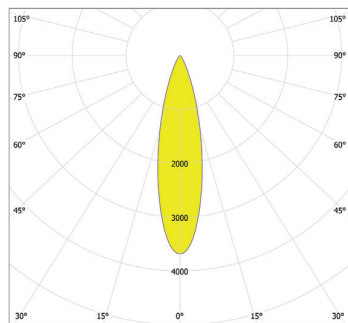
ArcLine Outdoor Optic 36 WW - 16°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.14	101144	8.0°	49712
1.0	0.28	25286	8.0°	12428
1.5	0.42	11238	8.0°	5524
2.0	0.56	6321	8.0°	3107
2.5	0.70	4046	8.0°	1989
3.0	0.84	2810	8.0°	1381

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 16.0°)  
 Total Luminous Flux: 3408lm

ArcLine Outdoor Optic 36 WW - 25°

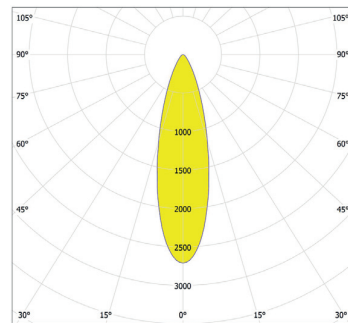


Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.23	47712	12.7°	22181
1.0	0.45	11928	12.7°	5545
1.5	0.68	5301	12.7°	2465
2.0	0.90	2982	12.7°	1386
2.5	1.13	1908	12.7°	887
3.0	1.35	1325	12.7°	616

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 25.4°)  
 Total Luminous Flux: 3240lm

For foot Candles divide lux by 10.7

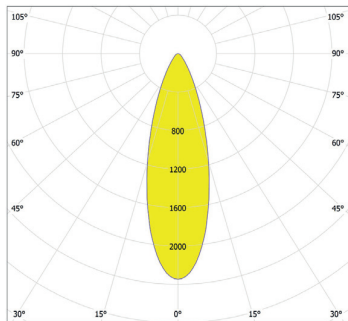
ArcLine Outdoor Optic 36 WW - 28°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.35	34000	14.1°	33993
1.0	0.50	8523	14.1°	3986
1.5	0.75	3788	14.1°	1733
2.0	1.00	2131	14.1°	975
2.5	1.25	1364	14.1°	624
3.0	1.51	947	14.1°	433

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 28.2°)  
 Total Luminous Flux: 3146lm

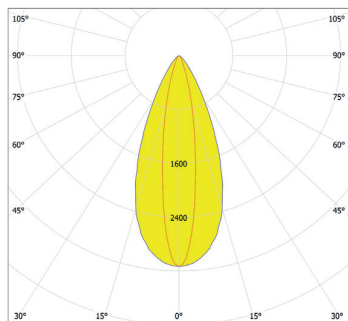
ArcLine Outdoor Optic 36 WW - 35°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.31	26879	17.3°	11738
1.0	0.62	6710	17.3°	2935
1.5	0.93	2982	17.3°	1304
2.0	1.25	1677	17.3°	736
2.5	1.56	1074	17.3°	470
3.0	1.87	746	17.3°	326

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 34.6°)  
 Total Luminous Flux: 3224lm

ArcLine Outdoor Optic 36 WW - 45°x18°



Distance [m]	Cone Diameter [m]	E(P) [lm]	E(CR) [lm]	E(CD) [lm]	Illuminance [lx]
0.5	0.41	40943	22.2°	16386	19798
0.5	0.16	9107	9.0°	19798	
1.0	0.82	10236	22.2°	4097	4950
1.0	0.32	4950	9.0°	4950	
1.5	1.22	4549	22.2°	1821	2200
1.5	0.48	2559	9.0°	1024	1237
2.0	1.63	2559	22.2°	1024	1237
2.0	0.63	1638	9.0°	655	792
2.5	2.04	1137	22.2°	455	550
2.5	0.79	655	9.0°	792	
3.0	2.45	855	22.2°	455	550
3.0	0.95	550	9.0°	550	

Distance [m] Cone Diameter [m]  
 CO - C180 (Half-value Angle: 18.0°)  
 C90 - C270 (Half-value Angle: 44.4°)  
 Total Luminous Flux: 3268lm

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