

ArcLine Optic (Colour) tm



Client: _____

Project: _____

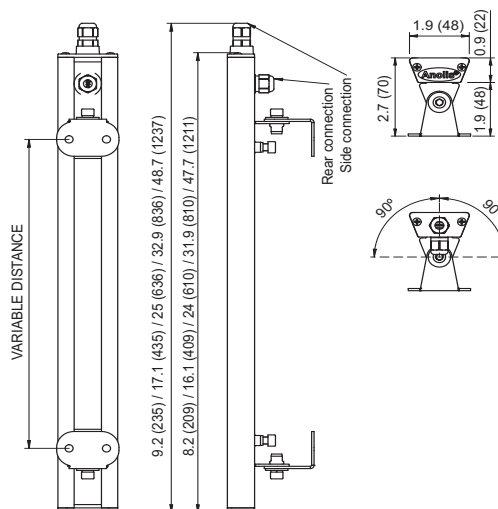
Specifier: _____

Type: _____ Qty: _____

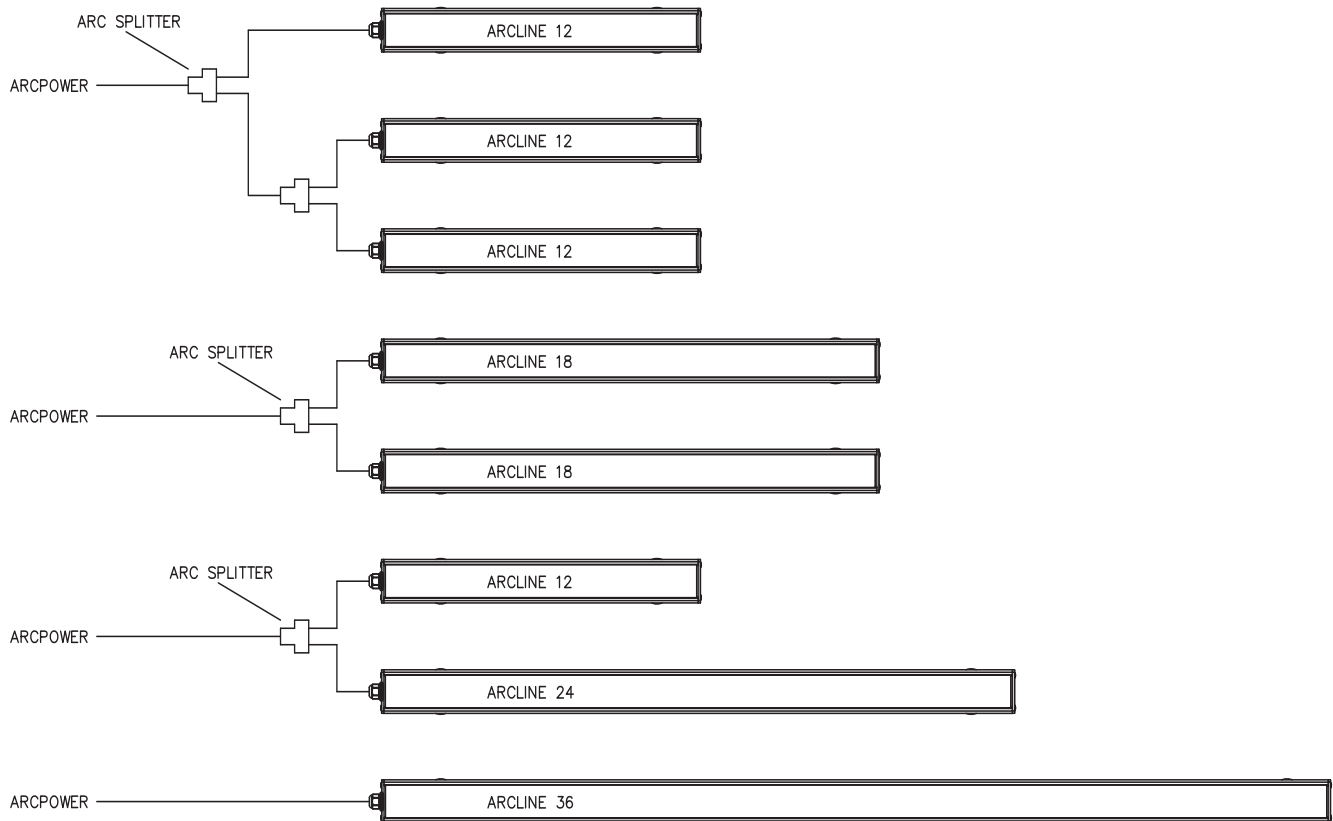


FEATURES:

- 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 270 - 1624lm
- Projected LED Life: 50,000 Hrs
- Lumen Output Per Foot: 406lm (RGB)
- 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:



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

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
		RGBW	W = WW-3200K or CW-6500K
		RGB	
		R	
		G	
		B	
	A		
LED Channel		Red / Green / Blue / Red, Amber, Green, Blue, White	
Beam Angle		10°, 20°, 30°, 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	9.25, 17.13, 25.04, 32.91, 48.70 x 3.07 x 1.97
		mm	235, 435, 636, 836, 1237, 78 x 50
	Weight	lbs	1.06, 1.66, 2.32, 2.9, 4.2
		kg	0.48, 0.75, 1.05, 1.3, 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 +25°C (+122°F @ Ambient +77°F)
Certification	Listings		ETL / cETL, CE, RoHS

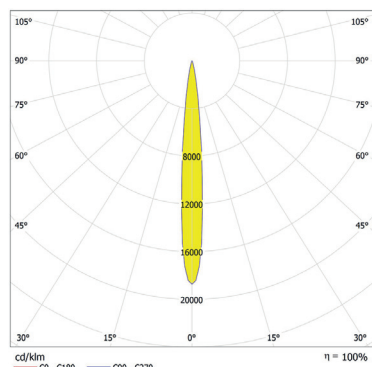
Note: RGBW configuration only available on Arcline 12,24 and 36
 Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Allen Key (Included)
	Splitter 1pcs (See Splitter Specification Sheet) (Included)
	Splitter n/a for Arcline 36



Photometric Data:

ArcLine Optic 6 RGB - 10°

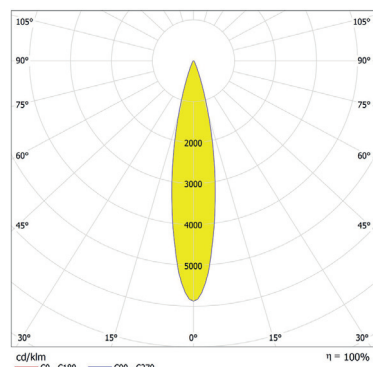


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)
0.5	0.09	20227	5.2°	10021
1.0	0.18	5057	5.2°	2505
1.5	0.27	2247	5.2°	1113
2.0	0.36	1364	5.2°	636
2.5	0.46	809	5.2°	401
3.0	0.55	562	5.2°	278

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 10.4°)

Total Luminous Flux: 270lm

ArcLine Optic 6 RGB - 20°



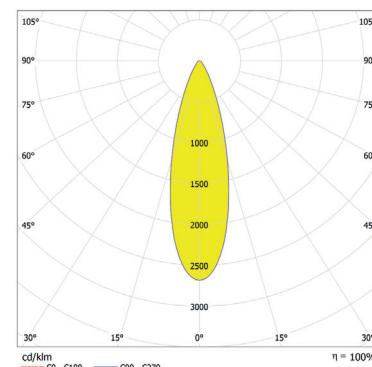
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)
0.5	0.18	6088	10.2°	2934
1.0	0.36	1522	10.2°	734
1.5	0.54	676	10.2°	326
2.0	0.72	380	10.2°	183
2.5	0.90	244	10.2°	117
3.0	1.08	169	10.2°	82

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 20.4°)

Total Luminous Flux: 259lm

For foot Candles divide lux by 10.7

ArcLine Optic 6 RGB - 30°

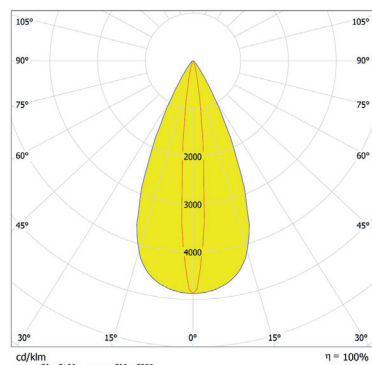


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)
0.5	0.27	2673	14.9°	1213
1.0	0.53	668	14.9°	303
1.5	0.80	297	14.9°	135
2.0	1.06	167	14.9°	76
2.5	1.33	107	14.9°	49
3.0	1.60	74	14.9°	34

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 29.8°)

Total Luminous Flux: 249lm

ArcLine Optic 6 RGB - 47°x11°



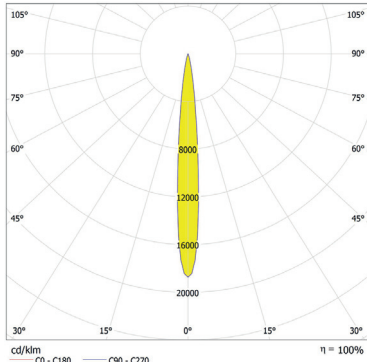
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C180)
0.5	0.43	5284	23.3°	2865
	0.09	2632	5.3°	1321
1.0	0.86	1321	23.3°	516
	0.19	658	5.3°	259
1.5	1.29	587	23.3°	229
	0.28	292	5.3°	139
2.0	1.72	330	23.3°	159
	0.37	165	5.3°	83
2.5	2.15	211	23.3°	105
	0.46	83	5.3°	57
3.0	2.58	147	23.3°	73
	0.56	57	5.3°	34

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

Photometric Data:

ArcLine Optic 12 RGB - 10°

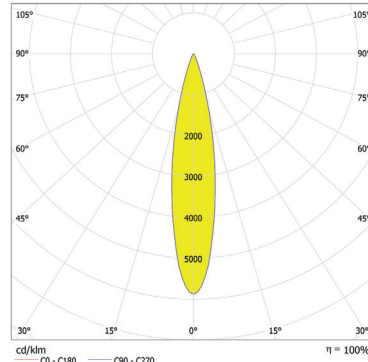


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	0.09	49529	5.2°	20078	
1.0	0.18	19132	5.2°	5020	
1.5	0.27	4503	5.2°	2231	
2.0	0.36	2533	5.2°	1255	
2.5	0.46	1621	5.2°	803	
3.0	0.55	1126	5.2°	558	

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 10.4°)
 C90 - C270

Total Luminous Flux: 541lm

ArcLine Optic 12 RGB - 20°



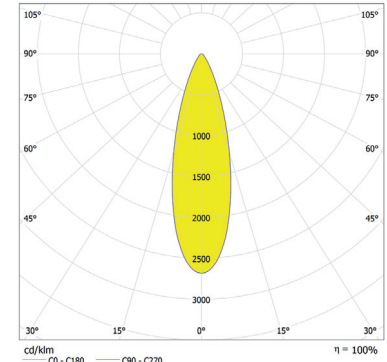
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	0.18	12176	10.2°	5869	
1.0	0.36	3044	10.2°	1467	
1.5	0.54	1353	10.2°	652	
2.0	0.72	761	10.2°	367	
2.5	0.90	487	10.2°	235	
3.0	1.08	338	10.2°	163	

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 20.4°)
 C90 - C270

Total Luminous Flux: 518lm

For foot Candles divide lux by 10.7

ArcLine Optic 12 RGB - 30°

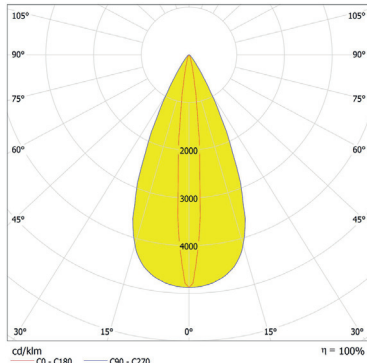


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	0.27	5345	14.9°	2426	
1.0	0.53	1336	14.9°	666	
1.5	0.80	594	14.9°	270	
2.0	1.06	334	14.9°	152	
2.5	1.33	214	14.9°	97	
3.0	1.60	148	14.9°	67	

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 29.8°)
 C90 - C270

Total Luminous Flux: 498lm

ArcLine Optic 12 RGB - 47°x11°



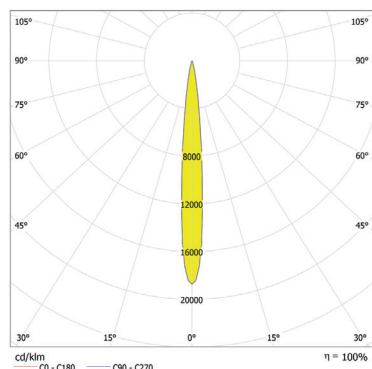
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	0.43	19568	23.3°	4130	
	0.09	5265	5.3°	5265	
1.0	0.86	2642	23.3°	1033	
	0.19	1316	5.3°	1316	
1.5	1.29	1174	23.3°	489	
	0.28	585	5.3°	585	
2.0	1.72	660	23.3°	258	
	0.37	329	5.3°	329	
2.5	2.15	423	23.3°	165	
	0.46	211	5.3°	211	
3.0	2.58	294	23.3°	115	
	0.56	146	5.3°	146	

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

Total Luminous Flux: 542lm

Photometric Data:

arcLine Optic 18 RGB - 10°

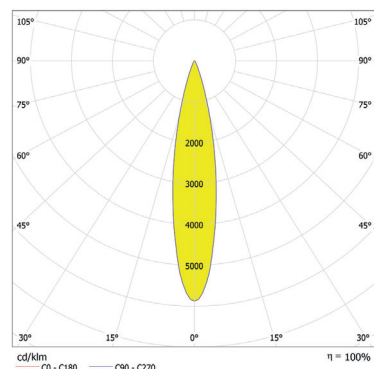


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(5.2°) E(C270)
0.5	0.09	60831 30136	
1.0	0.18	15208 7534	
1.5	0.27	6759 3348	
2.0	0.36	3802 1894	
2.5	0.46	2433 1205	
3.0	0.55	1690 837	

Distance [m] Cone Diameter [m] Illuminance [lx]
— C0 - C180 (Half-value Angle: 10.4°)

Total Luminous Flux: 812lm

ArcLine Optic 18 RGB - 20°



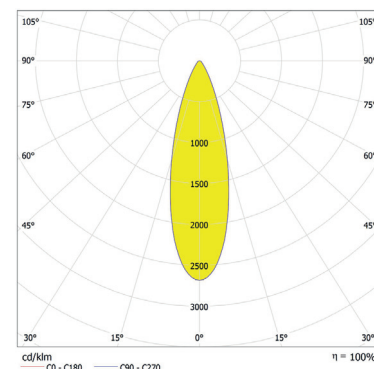
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(10.2°) E(C270)
0.5	0.18	18287 8814	
1.0	0.36	4572 2284	
1.5	0.54	2032 979	
2.0	0.72	1143 551	
2.5	0.90	731 353	
3.0	1.08	508 245	

Distance [m] Cone Diameter [m] Illuminance [lx]
— C0 - C180 (Half-value Angle: 20.4°)

Total Luminous Flux: 778lm

For foot Candles divide lux by 10.7

ArcLine Optic 18 RGB - 30°

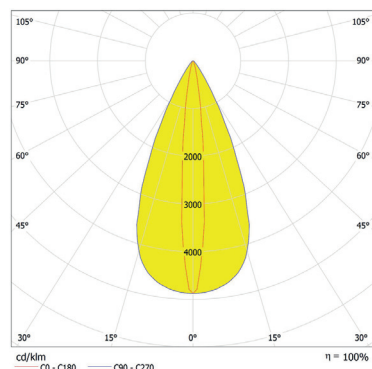


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(14.9°) E(C270)
0.5	0.27	8028 3643	
1.0	0.53	2007 911	
1.5	0.80	892 405	
2.0	1.06	502 228	
2.5	1.33	321 146	
3.0	1.60	223 101	

Distance [m] Cone Diameter [m] Illuminance [lx]
— C0 - C180 (Half-value Angle: 29.8°)

Total Luminous Flux: 748lm

ArcLine Optic 18 RGB - 47°x11°



Lamps: 18 x H6 In Power LEDs

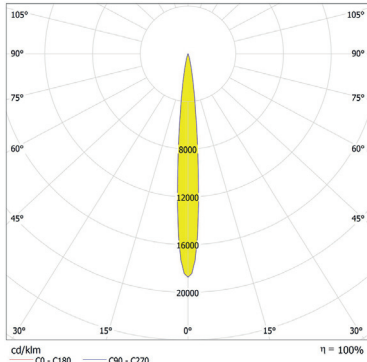
Distance [m]	Cone Diameter [m]	E(0°) E(C90)	E(23.3°) E(C0)	E(5.3°) E(C270)
0.5	0.43 0.09	15852 6195	7897	
1.0	0.86 0.19	3963 1549	1974	
1.5	1.29 0.28	1761 688	877	
2.0	1.72 0.37	991 387	494	
2.5	2.15 0.46	634 248	316	
3.0	2.58 0.56	440 172	219	

Distance [m] Cone Diameter [m] Illuminance [lx]
— C0 - C180 (Half-value Angle: 10.6°)
— C90 - C270 (Half-value Angle: 16.6°)

Total Luminous Flux: 813lm

Photometric Data:

ArcLine Optic 24 RGB - 10°

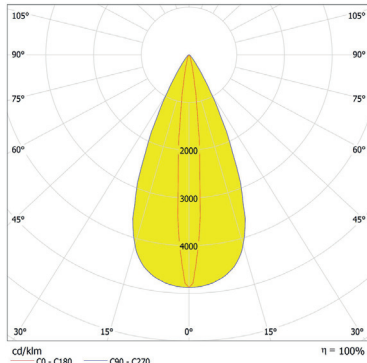


Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C270)
0.5	0.09	81058	5.2°	40157
1.0	0.18	20265	5.2°	10039
1.5	0.27	9006	5.2°	4462
2.0	0.36	5866	5.2°	2910
2.5	0.46	3242	5.2°	1606
3.0	0.55	2252	5.2°	1115

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 10.4°)

Total Luminous Flux: 1082lm

ArcLine Optic 24 RGB 47°x11°

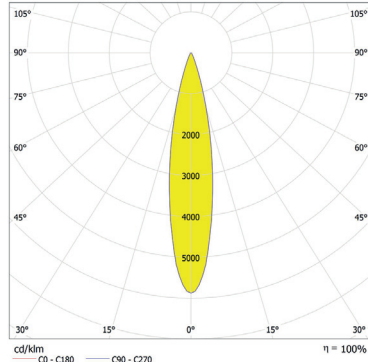


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C270)
0.5	0.43	21135	23.3°	8260
0.5	0.09	81058	5.3°	10529
1.0	0.86	5284	23.3°	2065
1.0	0.19	81058	5.3°	2632
1.5	1.29	2248	23.3°	918
1.5	0.28	81058	5.3°	1170
2.0	1.72	1321	23.3°	516
2.0	0.37	81058	5.3°	688
2.5	2.15	845	23.3°	330
2.5	0.46	81058	5.3°	421
3.0	2.58	587	23.3°	229
3.0	0.56	81058	5.3°	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

ArcLine Optic 24 RGB - 20°



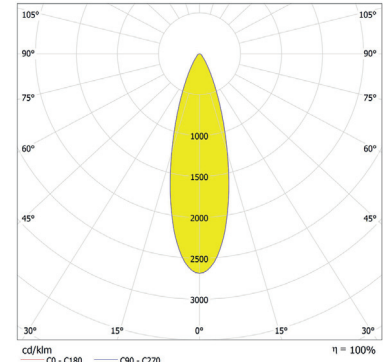
Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C270)
0.5	0.18	24352	10.2°	11737
1.0	0.36	6088	10.2°	2934
1.5	0.54	2706	10.2°	1304
2.0	0.72	1532	10.2°	734
2.5	0.90	974	10.2°	469
3.0	1.08	676	10.2°	326

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 20.4°)

Total Luminous Flux: 1036lm

For foot Candles divide lux by 10.7

ArcLine Optic 24 RGB - 30°



Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C270)
0.5	0.27	10690	14.9°	4851
1.0	0.53	2673	14.9°	1213
1.5	0.80	1188	14.9°	539
2.0	1.06	668	14.9°	303
2.5	1.33	428	14.9°	194
3.0	1.60	297	14.9°	135

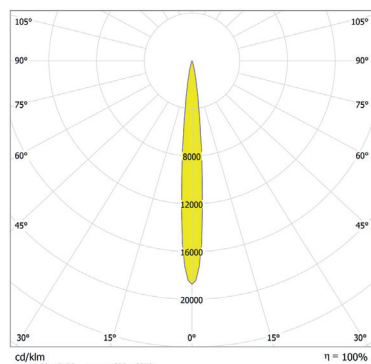
Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 29.8°)

Total Luminous Flux: 996lm

Photometric Data:

For foot Candles divide lux by 10.7

ArcLine Optic 36 RGB - 10°

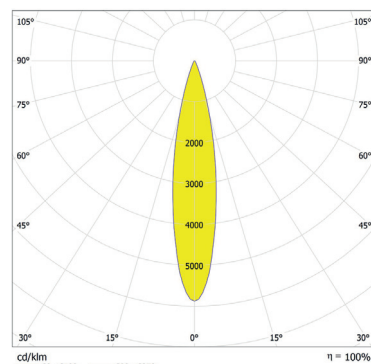


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(CD) [lx]
0.5	0.09	121602	5.2°	46073
1.0	0.18	30416	5.2°	15068
1.5	0.27	13518	5.2°	6697
2.0	0.36	7604	5.2°	3767
2.5	0.46	4866	5.2°	2411
3.0	0.55	3380	5.2°	1624

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 10.4°)

Total Luminous Flux: 1624lm

ArcLine Optic 36 RGB - 20°

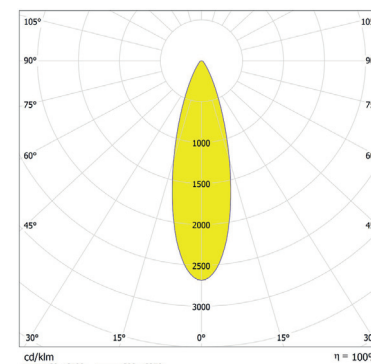


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(CD) [lx]
0.5	0.18	36575	10.2°	17629
1.0	0.36	9144	10.2°	4407
1.5	0.54	4864	10.2°	1959
2.0	0.72	2386	10.2°	1102
2.5	0.90	1463	10.2°	705
3.0	1.08	1016	10.2°	490

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 20.4°)

Total Luminous Flux: 1556lm

ArcLine Optic 36 RGB - 30°

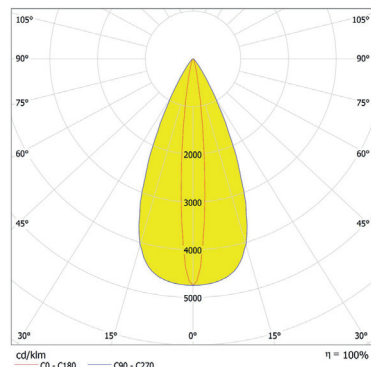


Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(CD) [lx]
0.5	0.27	16957	14.9°	7287
1.0	0.53	4014	14.9°	1822
1.5	0.80	1784	14.9°	810
2.0	1.06	1004	14.9°	455
2.5	1.33	642	14.9°	291
3.0	1.60	446	14.9°	202

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 29.8°)

Total Luminous Flux: 1496lm

ArcLine Optic 36 RGB - 47°x11°



Distance [m]	Cone Diameter [m]	E(0°) [lx]	E(C90) [lx]	E(CD) [lx]
0.5	0.43	32158	23.3°	12488
0.5	0.10	15874	5.9°	5969
1.0	0.86	8079	23.3°	3122
1.0	0.21	3969	5.9°	1584
1.5	1.29	3573	23.3°	1388
1.5	0.31	1764	5.9°	705
2.0	1.72	2010	23.3°	780
2.0	0.41	992	5.9°	441
2.5	2.15	1286	23.3°	500
2.5	0.52	635	5.9°	347
3.0	2.58	893	23.3°	347
3.0	0.62	441	5.9°	252

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 11.8°)
C90 - C270 (Half-value Angle: 46.6°)

Total Luminous Flux: 1694lm