

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P598626

Luminaire Tested: **IFLD-S-SA6A-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598626
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

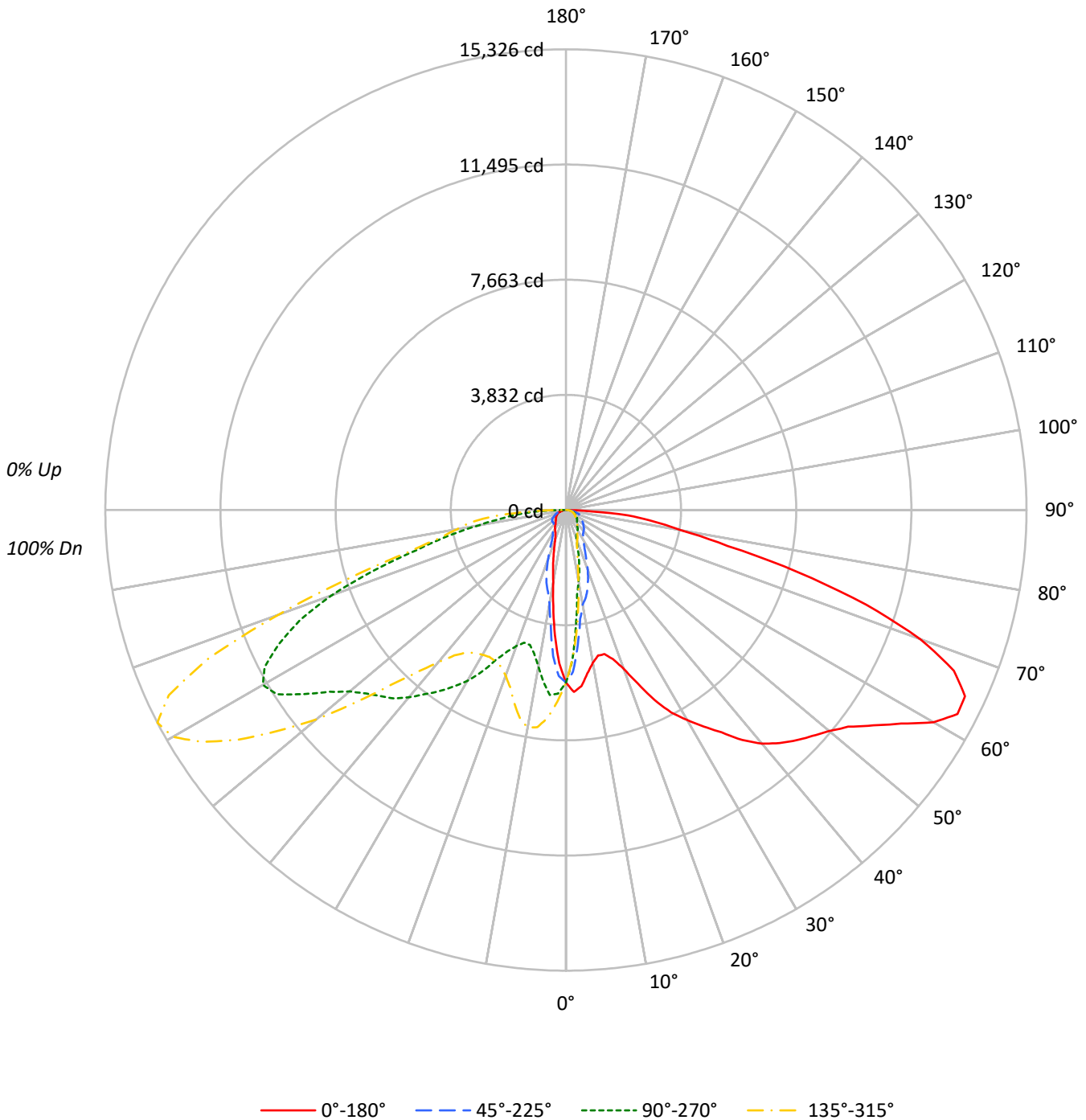
Lumens per Lamp: N/A
 Luminaire Lumens: 19199.0 lumens
 Efficiency: N/A
 Efficacy: 101.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 Input Voltage (V): 120
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100	100		
	1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	79	77	77	77	77	77		
	2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	61	59	59	59	59	59		
	3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	48	46	46	46	46	46		
	4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	39	36	36	36	36	36		
	5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	32	30	30	30	30	30		
	6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	27	25	25	25	25	25		
	7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	23	21	21	21	21	21		
	8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	20	18	18	18	18	18		
	9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	18	16	16	16	16	16		
	10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	16	14	14	14	14	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	41155	41155	41155	41155
5°	42354	27541	30087	44494
10°	37576	17500	17676	38453
15°	36878	12412	11756	34491
20°	42876	7851	7913	36742
25°	55139	6741	6550	43438
30°	66823	6389	5990	54376
35°	79090	5629	5418	64454
40°	95032	5342	4966	76146
45°	109963	5298	4809	88769
50°	127693	5380	4842	104826
55°	156265	5527	4924	133554
60°	202662	5534	5188	167040
65°	248770	5591	5320	178803
70°	263239	5898	5562	174088
75°	221589	6236	5567	142083
80°	160988	7302	5641	122817
85°	170622	10580	4627	127635

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	443.9	2.3
10°-20°	928.9	4.8
20°-30°	1338.7	7.0
30°-40°	1927.1	10.0
40°-50°	2737.4	14.3
50°-60°	3935.5	20.5
60°-70°	4546.8	23.7
70°-80°	2574.5	13.4
80°-90°	766.2	4.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2711.4	14.1
0°-40°	4638.6	24.2
0°-60°	11311.5	58.9
0°-90°	19199.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19199.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5735	5735	5735	5735	5735	
5°	5880	3823	4177	6177	5880	533
15°	4964	1671	1582	4643	4964	1460
25°	6964	851	827	5486	6964	3232
35°	9028	643	618	7358	9028	5730
45°	10836	522	474	8747	10836	8390
55°	12490	442	394	10675	12490	11312
65°	14651	329	313	10530	14651	14049
75°	7992	225	201	5125	7992	8480
85°	2072	128	56	1550	2072	2064
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1
2.5°	6056.4	6048.4	6000.2	5847.5	5686.9	5534.3	5389.7	5237.1	5156.8	5060.4	5020.2
5°	5879.7	5863.6	5727.1	5389.7	5092.5	4771.2	4498.1	4281.2	4104.5	3927.8	3863.6
7.5°	5478.1	5454.0	5293.3	4827.4	4393.7	3976.0	3646.7	3365.6	3132.6	3028.2	2907.7
10°	5156.8	5116.6	4907.8	4393.7	3831.4	3413.7	3196.9	3004.1	2803.3	2634.6	2457.9
12.5°	4956.0	4907.8	4690.9	4088.5	3542.3	3229.0	3004.1	2787.2	2538.2	2329.4	2136.6
15°	4964.0	4907.8	4642.7	4008.1	3470.0	3068.4	2755.1	2457.9	2168.7	1935.8	1718.9
17.5°	5196.9	5124.6	4843.5	4120.6	3413.7	2859.5	2441.8	2056.3	1727.0	1478.0	1301.2
20°	5614.6	5566.4	5245.1	4289.3	3357.5	2634.6	2120.5	1654.7	1309.3	1116.5	1044.2
22.5°	6241.1	6184.9	5839.5	4546.3	3341.5	2433.8	1775.1	1301.2	1052.2	971.9	931.8
25°	6964.0	6859.6	6538.3	4980.1	3373.6	2249.1	1494.0	1076.3	939.8	883.6	859.5
27.5°	7590.6	7526.3	7164.8	5389.7	3389.6	2104.5	1301.2	979.9	875.5	827.3	811.3
30°	8064.5	8040.4	7686.9	5839.5	3349.5	1927.8	1180.8	939.8	875.5	827.3	779.1
32.5°	8538.4	8546.4	8168.9	6184.9	3293.3	1775.1	1068.3	835.4	771.1	739.0	747.0
35°	9028.3	9068.5	8747.2	6522.3	3172.8	1718.9	988.0	779.1	722.9	674.7	650.6
37.5°	9646.8	9751.3	9438.0	6899.8	3052.3	1670.7	947.8	739.0	682.7	642.6	610.5
40°	10144.8	10337.6	10152.9	7253.2	2972.0	1614.5	915.7	698.8	658.7	610.5	586.4
42.5°	10514.3	10739.2	10675.0	7526.3	2972.0	1558.3	883.6	674.7	642.6	586.4	554.2
45°	10835.6	11068.6	11060.5	7807.4	3036.2	1526.1	843.4	674.7	626.5	570.3	538.2
47.5°	11124.8	11357.7	11438.1	8160.9	3140.6	1510.1	795.2	658.7	626.5	562.3	514.1
50°	11438.1	11695.1	11936.1	8723.1	3269.2	1469.9	763.1	634.6	634.6	554.2	498.0
52.5°	11839.7	12128.8	12570.6	9421.9	3397.7	1397.6	714.9	618.5	634.6	546.2	481.9
55°	12490.3	12731.3	13309.6	10257.3	3558.3	1309.3	674.7	578.3	602.4	522.1	457.8
57.5°	13221.2	13430.1	13912.0	10899.9	3606.5	1196.8	618.5	538.2	578.3	498.0	425.7
60°	14120.9	14225.3	14225.3	11084.6	3445.9	1092.4	578.3	506.0	522.1	473.9	401.6
62.5°	14691.1	14691.1	14225.3	10747.3	3140.6	1004.0	546.2	473.9	457.8	441.8	377.5
65°	14651.0	14586.7	13895.9	9767.3	2787.2	947.8	514.1	433.7	409.6	401.6	353.4
67.5°	13976.3	13863.8	12924.0	8385.8	2417.7	923.7	481.9	393.6	377.5	361.5	321.3
70°	12546.5	12257.4	11100.7	6747.2	2056.3	907.7	473.9	361.5	345.4	329.3	297.2
72.5°	10474.2	10104.7	8666.9	5188.9	1727.0	851.4	449.8	321.3	313.3	297.2	265.1
75°	7992.2	7309.4	6048.4	3968.0	1341.4	739.0	385.6	281.1	281.1	273.1	241.0
77.5°	5510.2	5156.8	4217.0	2931.8	979.9	570.3	313.3	249.0	249.0	257.0	224.9
80°	3895.7	3566.4	3004.1	2104.5	618.5	385.6	241.0	208.8	232.9	249.0	208.8
82.5°	2980.0	2739.0	2233.0	1534.2	361.5	265.1	184.7	168.7	200.8	216.9	176.7
85°	2072.3	1783.2	1132.6	1028.1	208.8	160.6	136.5	136.5	176.7	216.9	160.6
87.5°	586.4	249.0	72.3	305.2	88.4	64.3	48.2	32.1	48.2	48.2	32.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1
2.5°	4980.1	4931.9	4931.9	4915.8	4923.8	4931.9	4923.8	4980.1	5004.1	5036.3	5100.5
5°	3823.4	3887.7	3839.5	3887.7	3951.9	4048.3	4072.4	4144.7	4152.7	4208.9	4176.8
7.5°	2835.4	2827.4	2787.2	2843.4	3020.2	3156.7	3221.0	3261.1	3269.2	3269.2	3229.0
10°	2401.7	2329.4	2257.1	2216.9	2233.0	2377.6	2425.8	2449.9	2433.8	2457.9	2425.8
12.5°	2056.3	1992.0	1887.6	1815.3	1767.1	1807.3	1855.5	1879.6	1895.6	1935.8	1967.9
15°	1670.7	1606.5	1542.2	1502.0	1461.9	1429.8	1469.9	1494.0	1534.2	1566.3	1582.4
17.5°	1269.1	1237.0	1204.9	1228.9	1228.9	1212.9	1228.9	1237.0	1253.0	1277.1	1269.1
20°	1028.1	1020.1	1012.1	1052.2	1084.4	1084.4	1100.4	1076.3	1068.3	1044.2	1036.2
22.5°	915.7	915.7	923.7	955.8	988.0	1004.0	1004.0	963.9	923.7	907.7	915.7
25°	851.4	851.4	875.5	883.6	899.6	899.6	907.7	867.5	843.4	819.3	827.3
27.5°	803.2	803.2	811.3	811.3	819.3	819.3	827.3	811.3	779.1	771.1	771.1
30°	771.1	771.1	763.1	763.1	763.1	763.1	771.1	747.0	730.9	722.9	722.9
32.5°	739.0	730.9	722.9	722.9	714.9	714.9	722.9	698.8	690.8	690.8	690.8
35°	642.6	634.6	642.6	658.7	658.7	666.7	666.7	658.7	642.6	626.5	618.5
37.5°	602.4	594.4	594.4	594.4	610.5	618.5	626.5	610.5	586.4	562.3	562.3
40°	570.3	570.3	562.3	562.3	562.3	578.3	594.4	570.3	538.2	530.1	530.1
42.5°	546.2	538.2	530.1	522.1	514.1	538.2	554.2	522.1	506.0	506.0	506.0
45°	522.1	514.1	506.0	498.0	490.0	498.0	514.1	481.9	473.9	473.9	473.9
47.5°	498.0	490.0	473.9	465.9	457.8	457.8	473.9	449.8	441.8	449.8	449.8
50°	481.9	465.9	449.8	441.8	433.7	433.7	433.7	425.7	425.7	425.7	433.7
52.5°	465.9	449.8	425.7	417.7	409.6	409.6	409.6	409.6	401.6	409.6	417.7
55°	441.8	425.7	409.6	401.6	393.6	385.6	393.6	385.6	385.6	393.6	393.6
57.5°	409.6	393.6	377.5	377.5	369.5	369.5	377.5	369.5	369.5	377.5	377.5
60°	385.6	369.5	353.4	353.4	345.4	353.4	361.5	353.4	353.4	353.4	361.5
62.5°	353.4	345.4	329.3	329.3	329.3	329.3	337.4	329.3	337.4	337.4	337.4
65°	329.3	313.3	305.2	305.2	305.2	305.2	321.3	305.2	313.3	313.3	313.3
67.5°	305.2	289.2	281.1	281.1	281.1	281.1	297.2	281.1	289.2	297.2	289.2
70°	281.1	265.1	257.0	257.0	257.0	257.0	265.1	257.0	257.0	265.1	265.1
72.5°	249.0	241.0	232.9	232.9	224.9	232.9	241.0	232.9	232.9	232.9	232.9
75°	224.9	216.9	216.9	208.8	208.8	208.8	216.9	200.8	200.8	200.8	200.8
77.5°	208.8	192.8	192.8	192.8	184.7	192.8	184.7	168.7	168.7	168.7	168.7
80°	176.7	160.6	168.7	168.7	160.6	160.6	152.6	136.5	136.5	136.5	136.5
82.5°	144.6	128.5	136.5	136.5	136.5	136.5	120.5	112.5	104.4	96.4	96.4
85°	128.5	104.4	120.5	120.5	112.5	112.5	80.3	80.3	64.3	64.3	56.2
87.5°	24.1	16.1	32.1	40.2	40.2	48.2	32.1	40.2	24.1	16.1	16.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1
2.5°	5092.5	5180.9	5301.3	5389.7	5526.2	5630.7	5791.3	5927.9	6056.4	6112.6	6168.8
5°	4273.2	4329.4	4514.2	4658.8	4875.6	5108.6	5397.7	5711.0	6032.3	6176.9	6345.5
7.5°	3196.9	3301.3	3405.7	3614.6	3879.6	4257.1	4626.6	5092.5	5542.3	5759.2	6048.4
10°	2482.0	2562.3	2682.8	2899.7	3148.7	3461.9	3903.7	4457.9	4996.1	5277.2	5574.4
12.5°	1992.0	2104.5	2265.1	2490.0	2779.2	3100.5	3421.8	3935.8	4562.4	4883.7	5221.0
15°	1614.5	1702.9	1879.6	2160.7	2498.1	2827.4	3164.7	3590.5	4273.2	4642.7	5044.3
17.5°	1285.2	1349.4	1510.1	1791.2	2128.6	2498.1	2883.6	3421.8	4176.8	4626.6	5100.5
20°	1044.2	1092.4	1196.8	1405.7	1727.0	2128.6	2610.5	3261.1	4233.0	4811.4	5389.7
22.5°	915.7	931.8	979.9	1092.4	1357.5	1783.2	2361.5	3124.6	4337.5	5084.5	5863.6
25°	827.3	843.4	859.5	931.8	1084.4	1486.0	2144.6	3044.3	4562.4	5486.1	6409.8
27.5°	771.1	787.2	795.2	827.3	931.8	1269.1	1959.9	2996.1	4867.6	6072.4	7084.5
30°	722.9	722.9	747.0	795.2	867.5	1116.5	1799.2	2883.6	5188.9	6562.4	7614.7
32.5°	682.7	690.8	722.9	747.0	795.2	988.0	1638.6	2739.0	5478.1	6964.0	8136.8
35°	610.5	610.5	618.5	658.7	722.9	883.6	1494.0	2594.4	5638.7	7357.6	8602.6
37.5°	562.3	570.3	586.4	618.5	674.7	811.3	1373.5	2433.8	5807.4	7727.1	9148.8
40°	530.1	538.2	554.2	586.4	642.6	747.0	1269.1	2305.3	5984.1	8128.7	9735.2
42.5°	506.0	514.1	530.1	562.3	610.5	730.9	1156.7	2200.9	6088.5	8498.2	10289.4
45°	481.9	490.0	514.1	546.2	586.4	714.9	1092.4	2128.6	6128.7	8747.2	10731.2
47.5°	457.8	465.9	490.0	538.2	586.4	690.8	1068.3	2088.4	6160.8	9028.3	11084.6
50°	433.7	449.8	481.9	530.1	594.4	658.7	1052.2	2080.4	6345.5	9389.8	11422.0
52.5°	417.7	441.8	473.9	530.1	586.4	610.5	1044.2	2104.5	6715.0	9928.0	11903.9
55°	401.6	425.7	457.8	530.1	562.3	570.3	1004.0	2144.6	7277.3	10675.0	12586.7
57.5°	385.6	401.6	441.8	514.1	530.1	538.2	923.7	2200.9	7839.6	11405.9	13285.5
60°	361.5	377.5	417.7	514.1	481.9	506.0	819.3	2216.9	8241.2	11638.9	13349.7
62.5°	337.4	353.4	393.6	530.1	441.8	473.9	730.9	2160.7	8321.5	11301.5	12988.3
65°	313.3	329.3	361.5	441.8	409.6	441.8	674.7	2008.1	8056.4	10530.4	12329.6
67.5°	289.2	305.2	329.3	361.5	369.5	401.6	650.6	1767.1	7389.8	9574.5	11430.0
70°	257.0	273.1	297.2	321.3	329.3	377.5	610.5	1534.2	6313.4	8297.4	10329.6
72.5°	232.9	241.0	265.1	281.1	297.2	345.4	586.4	1341.4	4827.4	6715.0	8425.9
75°	200.8	200.8	224.9	241.0	257.0	305.2	538.2	1116.5	3405.7	5124.6	6192.9
77.5°	168.7	168.7	184.7	200.8	216.9	265.1	457.8	907.7	2361.5	4064.4	4490.1
80°	128.5	128.5	144.6	160.6	176.7	224.9	369.5	666.7	1461.9	2972.0	3269.2
82.5°	88.4	88.4	112.5	120.5	128.5	176.7	281.1	457.8	859.5	2144.6	2337.4
85°	48.2	48.2	64.3	72.3	88.4	128.5	208.8	321.3	514.1	1550.2	1558.3
87.5°	8.0	8.0	24.1	24.1	40.2	64.3	120.5	176.7	289.2	859.5	546.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1	5735.1
2.5°	6273.3	6361.6	6369.6	6369.6	6329.5	6337.5	6225.1	6104.6	6064.4	6056.4
5°	6602.6	6835.5	6899.8	6931.9	6827.5	6666.8	6377.7	6064.4	5903.8	5879.7
7.5°	6538.3	7004.2	7253.2	7285.3	7076.5	6699.0	6192.9	5711.0	5526.2	5478.1
10°	6160.8	6787.3	7237.1	7349.6	7124.7	6642.7	5984.1	5421.8	5196.9	5156.8
12.5°	5895.7	6498.2	6939.9	7092.6	6988.1	6570.5	5879.7	5237.1	5012.2	4956.0
15°	5751.2	6305.4	6594.6	6642.7	6634.7	6458.0	5879.7	5277.2	5028.2	4964.0
17.5°	5871.6	6249.2	6289.3	6176.9	6241.1	6329.5	6008.2	5494.1	5253.2	5196.9
20°	6112.6	6225.1	6032.3	5863.6	5895.7	6176.9	6209.0	5903.8	5711.0	5614.6
22.5°	6618.6	6313.4	5871.6	5638.7	5662.8	6056.4	6474.1	6458.0	6289.3	6241.1
25°	7132.7	6562.4	5823.4	5550.3	5582.5	6032.3	6787.3	7076.5	6988.1	6964.0
27.5°	7703.0	6980.1	5855.6	5510.2	5550.3	6064.4	7004.2	7598.6	7614.7	7590.6
30°	8088.6	7180.9	5952.0	5558.4	5614.6	6144.7	7052.4	7911.9	8056.4	8064.5
32.5°	8409.9	7381.7	6152.8	5638.7	5735.1	6289.3	7180.9	8209.1	8530.3	8538.4
35°	8666.9	7606.6	6401.8	5783.3	5927.9	6530.3	7349.6	8490.2	8972.1	9028.3
37.5°	8996.2	7855.6	6690.9	6096.5	6257.2	6875.7	7646.8	8819.5	9494.2	9646.8
40°	9349.6	8104.6	7108.6	6602.6	6835.5	7389.8	7984.1	9189.0	9936.0	10144.8
42.5°	9743.2	8369.7	7582.5	7285.3	7638.8	8040.4	8369.7	9526.4	10273.4	10514.3
45°	10128.8	8691.0	8273.3	8217.1	8610.7	8811.5	8747.2	9767.3	10594.7	10835.6
47.5°	10401.9	9156.9	9108.7	9446.0	9815.5	9711.1	9189.0	9944.0	10859.7	11124.8
50°	10650.9	9735.2	10160.9	10819.6	11044.5	10691.0	9662.9	10185.0	11140.9	11438.1
52.5°	11020.4	10353.7	11245.3	12064.6	12281.4	11719.2	10177.0	10578.6	11574.6	11839.7
55°	11775.4	11052.5	12377.8	13317.6	13357.8	12659.0	10867.8	11245.3	12185.1	12490.3
57.5°	12618.8	11912.0	13277.5	14353.8	14337.7	13598.8	11646.9	12144.9	13012.4	13221.2
60°	13381.9	12779.5	14257.4	15092.8	15052.6	14281.5	12554.5	13165.0	13960.2	14120.9
62.5°	13831.7	13566.6	14691.1	15325.7	15173.1	14506.4	13325.7	14072.7	14634.9	14691.1
65°	13759.4	14016.4	14185.1	14578.7	14361.8	13879.9	13703.2	14651.0	14707.2	14651.0
67.5°	13213.2	13759.4	12795.5	12835.7	12723.2	12313.6	13116.8	14498.4	14112.8	13976.3
70°	12385.9	12426.0	10699.1	10193.0	10369.8	9807.5	11253.3	13309.6	12715.2	12546.5
72.5°	11012.3	10514.3	8088.6	7574.5	7839.6	7437.9	9028.3	11598.7	11020.4	10474.2
75°	9237.2	8329.5	6160.8	5429.9	5566.4	5550.3	6996.2	9582.6	8538.4	7992.2
77.5°	7156.8	6490.1	4546.3	4265.2	4120.6	4152.7	4883.7	7124.7	6192.9	5510.2
80°	5229.1	4538.3	3518.2	3678.8	3598.5	3405.7	3421.8	4771.2	4305.3	3895.7
82.5°	3614.6	3229.0	2851.5	3221.0	3028.2	2731.0	2666.7	3437.8	3229.0	2980.0
85°	2425.8	2658.7	2265.1	2465.9	2136.6	1967.9	2506.1	2875.6	2321.3	2072.3
87.5°	1582.4	2433.8	1630.6	1237.0	706.8	947.8	1534.2	1887.6	1084.4	586.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)