

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: P598771

Luminaire Tested: **IFLD-S-SA6A-760-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598771
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-760-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

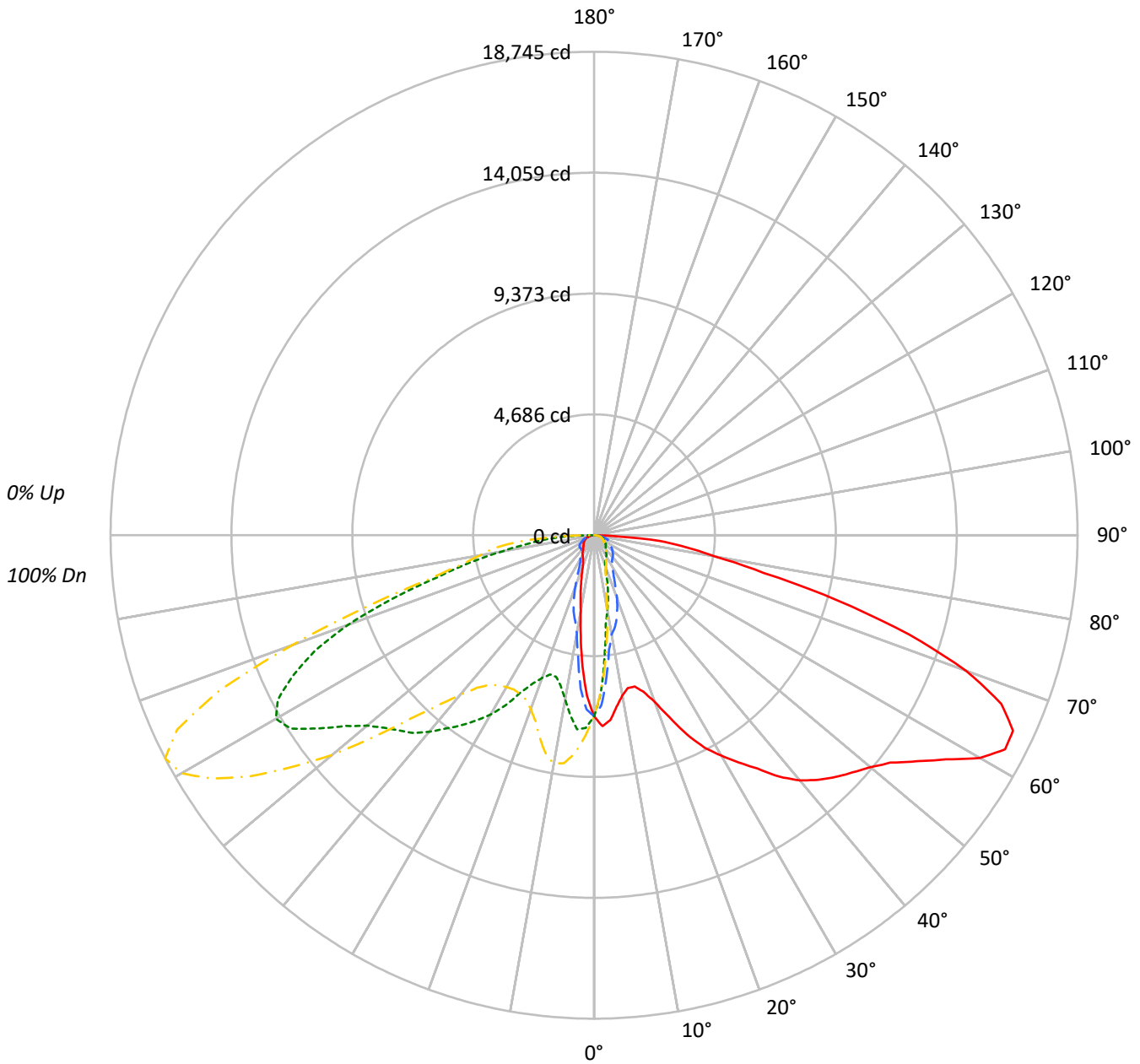
Lumens per Lamp: N/A
 Luminaire Lumens: 23482.8 lumens
 Efficiency: N/A
 Efficacy: 123.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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



— 0°-180° - - 45°-225° - · - 90°-270° - · · - 135°-315°

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	50337	50337	50337	50337
5°	51804	33686	36800	54422
10°	45960	21405	21619	47033
15°	45106	15181	14378	42187
20°	52443	9603	9678	44940
25°	67443	8246	8012	53130
30°	81733	7815	7327	66510
35°	96737	6886	6627	78836
40°	116236	6534	6074	93137
45°	134499	6481	5882	108576
50°	156184	6581	5922	128215
55°	191131	6761	6023	163352
60°	247880	6768	6345	204311
65°	304277	6839	6507	218699
70°	321975	7215	6802	212933
75°	271030	7627	6809	173788
80°	196908	8930	6901	150219
85°	208694	12943	5665	156115

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	542.9	2.3
10°-20°	1136.2	4.8
20°-30°	1637.4	7.0
30°-40°	2357.1	10.0
40°-50°	3348.1	14.3
50°-60°	4813.7	20.5
60°-70°	5561.4	23.7
70°-80°	3148.9	13.4
80°-90°	937.1	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°	3316.4	14.1
0°-40°	5673.5	24.2
0°-60°	13835.3	58.9
0°-90°	23482.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23482.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7015	7015	7015	7015	7015	
5°	7192	4676	5109	7555	7192	653
15°	6072	2044	1935	5679	6072	1785
25°	8518	1041	1012	6710	8518	3954
35°	11043	786	756	8999	11043	7008
45°	13253	639	580	10699	13253	10262
55°	15277	540	481	13057	15277	13836
65°	17920	403	383	12880	17920	17184
75°	9775	275	246	6268	9775	10372
85°	2535	157	69	1896	2535	2524
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°	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7
2.5°	7407.7	7397.9	7338.9	7152.3	6955.8	6769.1	6592.3	6405.6	6307.4	6189.5	6140.4
5°	7191.6	7171.9	7004.9	6592.3	6228.8	5835.8	5501.8	5236.5	5020.4	4804.2	4725.6
7.5°	6700.4	6670.9	6474.4	5904.6	5374.0	4863.2	4460.4	4116.5	3831.6	3703.9	3556.5
10°	6307.4	6258.2	6002.8	5374.0	4686.3	4175.4	3910.2	3674.4	3428.8	3222.5	3006.3
12.5°	6061.8	6002.8	5737.5	5000.7	4332.6	3949.5	3674.4	3409.1	3104.6	2849.1	2613.3
15°	6071.6	6002.8	5678.6	4902.5	4244.2	3753.0	3369.8	3006.3	2652.6	2367.7	2102.5
17.5°	6356.5	6268.1	5924.2	5040.0	4175.4	3497.5	2986.7	2515.1	2112.3	1807.7	1591.6
20°	6867.4	6808.4	6415.4	5246.3	4106.7	3222.5	2593.7	2023.9	1601.4	1365.6	1277.2
22.5°	7633.7	7564.9	7142.5	5560.7	4087.0	2976.8	2171.2	1591.6	1287.0	1188.8	1139.6
25°	8517.9	8390.2	7997.2	6091.2	4126.3	2750.9	1827.4	1316.5	1149.5	1080.7	1051.2
27.5°	9284.2	9205.6	8763.5	6592.3	4146.0	2574.0	1591.6	1198.6	1070.9	1011.9	992.3
30°	9863.9	9834.4	9402.1	7142.5	4096.8	2357.9	1444.2	1149.5	1070.9	1011.9	953.0
32.5°	10443.5	10453.3	9991.6	7564.9	4028.1	2171.2	1306.7	1021.8	943.2	903.9	913.7
35°	11042.8	11091.9	10698.9	7977.5	3880.7	2102.5	1208.4	953.0	884.2	825.3	795.8
37.5°	11799.3	11927.0	11543.9	8439.3	3733.3	2043.5	1159.3	903.9	835.1	786.0	746.7
40°	12408.4	12644.2	12418.2	8871.6	3635.1	1974.7	1120.0	854.7	805.6	746.7	717.2
42.5°	12860.4	13135.4	13056.8	9205.6	3635.1	1906.0	1080.7	825.3	786.0	717.2	677.9
45°	13253.3	13538.2	13528.4	9549.5	3713.7	1866.7	1031.6	825.3	766.3	697.5	658.2
47.5°	13607.0	13891.9	13990.2	9981.8	3841.4	1847.0	972.6	805.6	766.3	687.7	628.8
50°	13990.2	14304.6	14599.3	10669.5	3998.6	1797.9	933.3	776.1	776.1	677.9	609.1
52.5°	14481.4	14835.1	15375.4	11524.2	4155.8	1709.5	874.4	756.5	776.1	668.1	589.5
55°	15277.2	15571.9	16279.3	12546.0	4352.3	1601.4	825.3	707.4	736.8	638.6	560.0
57.5°	16171.2	16426.7	17016.1	13331.9	4411.2	1463.9	756.5	658.2	707.4	609.1	520.7
60°	17271.6	17399.3	17399.3	13557.9	4214.7	1336.1	707.4	618.9	638.6	579.6	491.2
62.5°	17969.1	17969.1	17399.3	13145.3	3841.4	1228.1	668.1	579.6	560.0	540.4	461.8
65°	17920.0	17841.4	16996.5	11946.7	3409.1	1159.3	628.8	530.5	501.1	491.2	432.3
67.5°	17094.7	16957.2	15807.7	10256.8	2957.2	1129.8	589.5	481.4	461.8	442.1	393.0
70°	15346.0	14992.3	13577.5	8252.6	2515.1	1110.2	579.6	442.1	422.5	402.8	363.5
72.5°	12811.2	12359.3	10600.7	6346.7	2112.3	1041.4	550.2	393.0	383.2	363.5	324.2
75°	9775.4	8940.4	7397.9	4853.3	1640.7	903.9	471.6	343.9	343.9	334.0	294.7
77.5°	6739.6	6307.4	5157.9	3586.0	1198.6	697.5	383.2	304.6	304.6	314.4	275.1
80°	4764.9	4362.1	3674.4	2574.0	756.5	471.6	294.7	255.4	284.9	304.6	255.4
82.5°	3644.9	3350.2	2731.2	1876.5	442.1	324.2	226.0	206.3	245.6	265.3	216.1
85°	2534.7	2181.1	1385.3	1257.5	255.4	196.5	167.0	167.0	216.1	265.3	196.5
87.5°	717.2	304.6	88.4	373.3	108.1	78.6	58.9	39.3	58.9	58.9	39.3
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°	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7
2.5°	6091.2	6032.3	6032.3	6012.6	6022.5	6032.3	6022.5	6091.2	6120.7	6160.0	6238.6
5°	4676.5	4755.1	4696.1	4755.1	4833.7	4951.6	4981.1	5069.5	5079.3	5148.1	5108.8
7.5°	3468.1	3458.2	3409.1	3477.9	3694.0	3861.1	3939.6	3988.8	3998.6	3998.6	3949.5
10°	2937.5	2849.1	2760.7	2711.6	2731.2	2908.1	2967.0	2996.5	2976.8	3006.3	2967.0
12.5°	2515.1	2436.5	2308.8	2220.4	2161.4	2210.5	2269.5	2298.9	2318.6	2367.7	2407.0
15°	2043.5	1964.9	1886.3	1837.2	1788.1	1748.8	1797.9	1827.4	1876.5	1915.8	1935.4
17.5°	1552.3	1513.0	1473.7	1503.2	1503.2	1483.5	1503.2	1513.0	1532.6	1562.1	1552.3
20°	1257.5	1247.7	1237.9	1287.0	1326.3	1326.3	1346.0	1316.5	1306.7	1277.2	1267.4
22.5°	1120.0	1120.0	1129.8	1169.1	1208.4	1228.1	1228.1	1178.9	1129.8	1110.2	1120.0
25°	1041.4	1041.4	1070.9	1080.7	1100.4	1100.4	1110.2	1061.1	1031.6	1002.1	1011.9
27.5°	982.5	982.5	992.3	992.3	1002.1	1002.1	1011.9	992.3	953.0	943.2	943.2
30°	943.2	943.2	933.3	933.3	933.3	933.3	943.2	913.7	894.0	884.2	884.2
32.5°	903.9	894.0	884.2	884.2	874.4	874.4	884.2	854.7	844.9	844.9	844.9
35°	786.0	776.1	786.0	805.6	805.6	815.4	815.4	805.6	786.0	766.3	756.5
37.5°	736.8	727.0	727.0	727.0	746.7	756.5	766.3	746.7	717.2	687.7	687.7
40°	697.5	697.5	687.7	687.7	687.7	707.4	727.0	697.5	658.2	648.4	648.4
42.5°	668.1	658.2	648.4	638.6	628.8	658.2	677.9	638.6	618.9	618.9	618.9
45°	638.6	628.8	618.9	609.1	599.3	609.1	628.8	589.5	579.6	579.6	579.6
47.5°	609.1	599.3	579.6	569.8	560.0	560.0	579.6	550.2	540.4	550.2	550.2
50°	589.5	569.8	550.2	540.4	530.5	530.5	530.5	520.7	520.7	520.7	530.5
52.5°	569.8	550.2	520.7	510.9	501.1	501.1	501.1	501.1	491.2	501.1	510.9
55°	540.4	520.7	501.1	491.2	481.4	471.6	481.4	471.6	471.6	481.4	481.4
57.5°	501.1	481.4	461.8	461.8	451.9	451.9	461.8	451.9	451.9	461.8	461.8
60°	471.6	451.9	432.3	432.3	422.5	432.3	442.1	432.3	432.3	432.3	442.1
62.5°	432.3	422.5	402.8	402.8	402.8	402.8	412.6	402.8	412.6	412.6	412.6
65°	402.8	383.2	373.3	373.3	373.3	373.3	393.0	373.3	383.2	383.2	383.2
67.5°	373.3	353.7	343.9	343.9	343.9	343.9	363.5	343.9	353.7	363.5	353.7
70°	343.9	324.2	314.4	314.4	314.4	314.4	324.2	314.4	314.4	324.2	324.2
72.5°	304.6	294.7	284.9	284.9	275.1	284.9	294.7	284.9	284.9	284.9	284.9
75°	275.1	265.3	265.3	255.4	255.4	255.4	265.3	245.6	245.6	245.6	245.6
77.5°	255.4	235.8	235.8	235.8	226.0	235.8	226.0	206.3	206.3	206.3	206.3
80°	216.1	196.5	206.3	206.3	196.5	196.5	186.7	167.0	167.0	167.0	167.0
82.5°	176.8	157.2	167.0	167.0	167.0	167.0	147.4	137.5	127.7	117.9	117.9
85°	157.2	127.7	147.4	147.4	137.5	137.5	98.2	98.2	78.6	78.6	68.8
87.5°	29.5	19.6	39.3	49.1	49.1	58.9	39.3	49.1	29.5	19.6	19.6
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°	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7
2.5°	6228.8	6336.8	6484.2	6592.3	6759.3	6887.0	7083.5	7250.5	7407.7	7476.5	7545.3
5°	5226.7	5295.4	5521.4	5698.2	5963.5	6248.4	6602.1	6985.3	7378.2	7555.1	7761.4
7.5°	3910.2	4037.9	4165.6	4421.1	4745.3	5207.0	5658.9	6228.8	6778.9	7044.2	7397.9
10°	3035.8	3134.0	3281.4	3546.7	3851.2	4234.4	4774.7	5452.6	6110.9	6454.7	6818.2
12.5°	2436.5	2574.0	2770.5	3045.6	3399.3	3792.3	4185.3	4814.0	5580.4	5973.3	6386.0
15°	1974.7	2082.8	2298.9	2642.8	3055.4	3458.2	3870.9	4391.6	5226.7	5678.6	6169.8
17.5°	1571.9	1650.5	1847.0	2190.9	2603.5	3055.4	3527.0	4185.3	5108.8	5658.9	6238.6
20°	1277.2	1336.1	1463.9	1719.3	2112.3	2603.5	3193.0	3988.8	5177.5	5884.9	6592.3
22.5°	1120.0	1139.6	1198.6	1336.1	1660.4	2181.1	2888.4	3821.8	5305.3	6218.9	7171.9
25°	1011.9	1031.6	1051.2	1139.6	1326.3	1817.5	2623.2	3723.5	5580.4	6710.2	7840.0
27.5°	943.2	962.8	972.6	1011.9	1139.6	1552.3	2397.2	3664.6	5953.7	7427.4	8665.3
30°	884.2	884.2	913.7	972.6	1061.1	1365.6	2200.7	3527.0	6346.7	8026.7	9313.7
32.5°	835.1	844.9	884.2	913.7	972.6	1208.4	2004.2	3350.2	6700.4	8517.9	9952.3
35°	746.7	746.7	756.5	805.6	884.2	1080.7	1827.4	3173.3	6896.8	8999.3	10522.1
37.5°	687.7	697.5	717.2	756.5	825.3	992.3	1680.0	2976.8	7103.2	9451.2	11190.2
40°	648.4	658.2	677.9	717.2	786.0	913.7	1552.3	2819.6	7319.3	9942.5	11907.4
42.5°	618.9	628.8	648.4	687.7	746.7	894.0	1414.7	2691.9	7447.0	10394.4	12585.3
45°	589.5	599.3	628.8	668.1	717.2	874.4	1336.1	2603.5	7496.1	10698.9	13125.6
47.5°	560.0	569.8	599.3	658.2	717.2	844.9	1306.7	2554.4	7535.4	11042.8	13557.9
50°	530.5	550.2	589.5	648.4	727.0	805.6	1287.0	2544.6	7761.4	11484.9	13970.5
52.5°	510.9	540.4	579.6	648.4	717.2	746.7	1277.2	2574.0	8213.3	12143.2	14560.0
55°	491.2	520.7	560.0	648.4	687.7	697.5	1228.1	2623.2	8901.1	13056.8	15395.1
57.5°	471.6	491.2	540.4	628.8	648.4	658.2	1129.8	2691.9	9588.8	13950.9	16249.8
60°	442.1	461.8	510.9	628.8	589.5	618.9	1002.1	2711.6	10080.0	14235.8	16328.4
62.5°	412.6	432.3	481.4	648.4	540.4	579.6	894.0	2642.8	10178.2	13823.2	15886.3
65°	383.2	402.8	442.1	540.4	501.1	540.4	825.3	2456.1	9854.0	12880.0	15080.7
67.5°	353.7	373.3	402.8	442.1	451.9	491.2	795.8	2161.4	9038.6	11710.9	13980.3
70°	314.4	334.0	363.5	393.0	402.8	461.8	746.7	1876.5	7722.1	10148.8	12634.4
72.5°	284.9	294.7	324.2	343.9	363.5	422.5	717.2	1640.7	5904.6	8213.3	10306.0
75°	245.6	245.6	275.1	294.7	314.4	373.3	658.2	1365.6	4165.6	6268.1	7574.7
77.5°	206.3	206.3	226.0	245.6	265.3	324.2	560.0	1110.2	2888.4	4971.2	5491.9
80°	157.2	157.2	176.8	196.5	216.1	275.1	451.9	815.4	1788.1	3635.1	3998.6
82.5°	108.1	108.1	137.5	147.4	157.2	216.1	343.9	560.0	1051.2	2623.2	2858.9
85°	58.9	58.9	78.6	88.4	108.1	157.2	255.4	393.0	628.8	1896.1	1906.0
87.5°	9.8	9.8	29.5	29.5	49.1	78.6	147.4	216.1	353.7	1051.2	668.1
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7	7014.7
2.5°	7673.0	7781.1	7790.9	7790.9	7741.8	7751.6	7614.0	7466.7	7417.5	7407.7
5°	8075.8	8360.7	8439.3	8478.6	8350.9	8154.4	7800.7	7417.5	7221.1	7191.6
7.5°	7997.2	8567.0	8871.6	8910.9	8655.4	8193.7	7574.7	6985.3	6759.3	6700.4
10°	7535.4	8301.8	8851.9	8989.5	8714.4	8124.9	7319.3	6631.6	6356.5	6307.4
12.5°	7211.2	7948.1	8488.4	8675.1	8547.4	8036.5	7191.6	6405.6	6130.5	6061.8
15°	7034.4	7712.3	8066.0	8124.9	8115.1	7898.9	7191.6	6454.7	6150.2	6071.6
17.5°	7181.8	7643.5	7692.6	7555.1	7633.7	7741.8	7348.8	6720.0	6425.3	6356.5
20°	7476.5	7614.0	7378.2	7171.9	7211.2	7555.1	7594.4	7221.1	6985.3	6867.4
22.5°	8095.4	7722.1	7181.8	6896.8	6926.3	7407.7	7918.6	7898.9	7692.6	7633.7
25°	8724.2	8026.7	7122.8	6788.8	6828.1	7378.2	8301.8	8655.4	8547.4	8517.9
27.5°	9421.8	8537.5	7162.1	6739.6	6788.8	7417.5	8567.0	9294.0	9313.7	9284.2
30°	9893.3	8783.2	7280.0	6798.6	6867.4	7515.8	8626.0	9677.2	9854.0	9863.9
32.5°	10286.3	9028.8	7525.6	6896.8	7014.7	7692.6	8783.2	10040.7	10433.7	10443.5
35°	10600.7	9303.9	7830.2	7073.7	7250.5	7987.4	8989.5	10384.6	10974.0	11042.8
37.5°	11003.5	9608.4	8183.9	7456.8	7653.3	8409.8	9353.0	10787.4	11612.6	11799.3
40°	11435.8	9913.0	8694.7	8075.8	8360.7	9038.6	9765.6	11239.3	12153.0	12408.4
42.5°	11917.2	10237.2	9274.4	8910.9	9343.2	9834.4	10237.2	11651.9	12565.6	12860.4
45°	12388.8	10630.2	10119.3	10050.5	10531.9	10777.5	10698.9	11946.7	12958.6	13253.3
47.5°	12722.8	11200.0	11141.1	11553.7	12005.6	11877.9	11239.3	12162.8	13282.8	13607.0
50°	13027.4	11907.4	12428.1	13233.7	13508.8	13076.5	11818.9	12457.5	13626.7	13990.2
52.5°	13479.3	12663.9	13754.4	14756.5	15021.8	14334.0	12447.7	12938.9	14157.2	14481.4
55°	14402.8	13518.6	15139.6	16289.1	16338.2	15483.5	13292.6	13754.4	14903.9	15277.2
57.5°	15434.4	14569.8	16240.0	17556.5	17536.8	16633.0	14245.6	14854.7	15915.8	16171.2
60°	16367.7	15630.9	17438.6	18460.3	18411.2	17468.1	15355.8	16102.5	17075.1	17271.6
62.5°	16917.9	16593.7	17969.1	18745.3	18558.6	17743.2	16298.9	17212.6	17900.3	17969.1
65°	16829.5	17143.9	17350.2	17831.6	17566.3	16976.8	16760.7	17920.0	17988.8	17920.0
67.5°	16161.4	16829.5	15650.5	15699.6	15562.1	15061.1	16043.5	17733.3	17261.8	17094.7
70°	15149.5	15198.6	13086.3	12467.4	12683.5	11995.8	13764.2	16279.3	15552.3	15346.0
72.5°	13469.5	12860.4	9893.3	9264.6	9588.8	9097.5	11042.8	14186.7	13479.3	12811.2
75°	11298.2	10188.1	7535.4	6641.4	6808.4	6788.8	8557.2	11720.7	10443.5	9775.4
77.5°	8753.7	7938.2	5560.7	5216.8	5040.0	5079.3	5973.3	8714.4	7574.7	6739.6
80°	6395.8	5550.9	4303.2	4499.6	4401.4	4165.6	4185.3	5835.8	5266.0	4764.9
82.5°	4421.1	3949.5	3487.7	3939.6	3703.9	3340.4	3261.8	4204.9	3949.5	3644.9
85°	2967.0	3251.9	2770.5	3016.1	2613.3	2407.0	3065.3	3517.2	2839.3	2534.7
87.5°	1935.4	2976.8	1994.4	1513.0	864.6	1159.3	1876.5	2308.8	1326.3	717.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)