

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: P598637

Luminaire Tested: **IFLD-L-SA7B-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: P598637
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

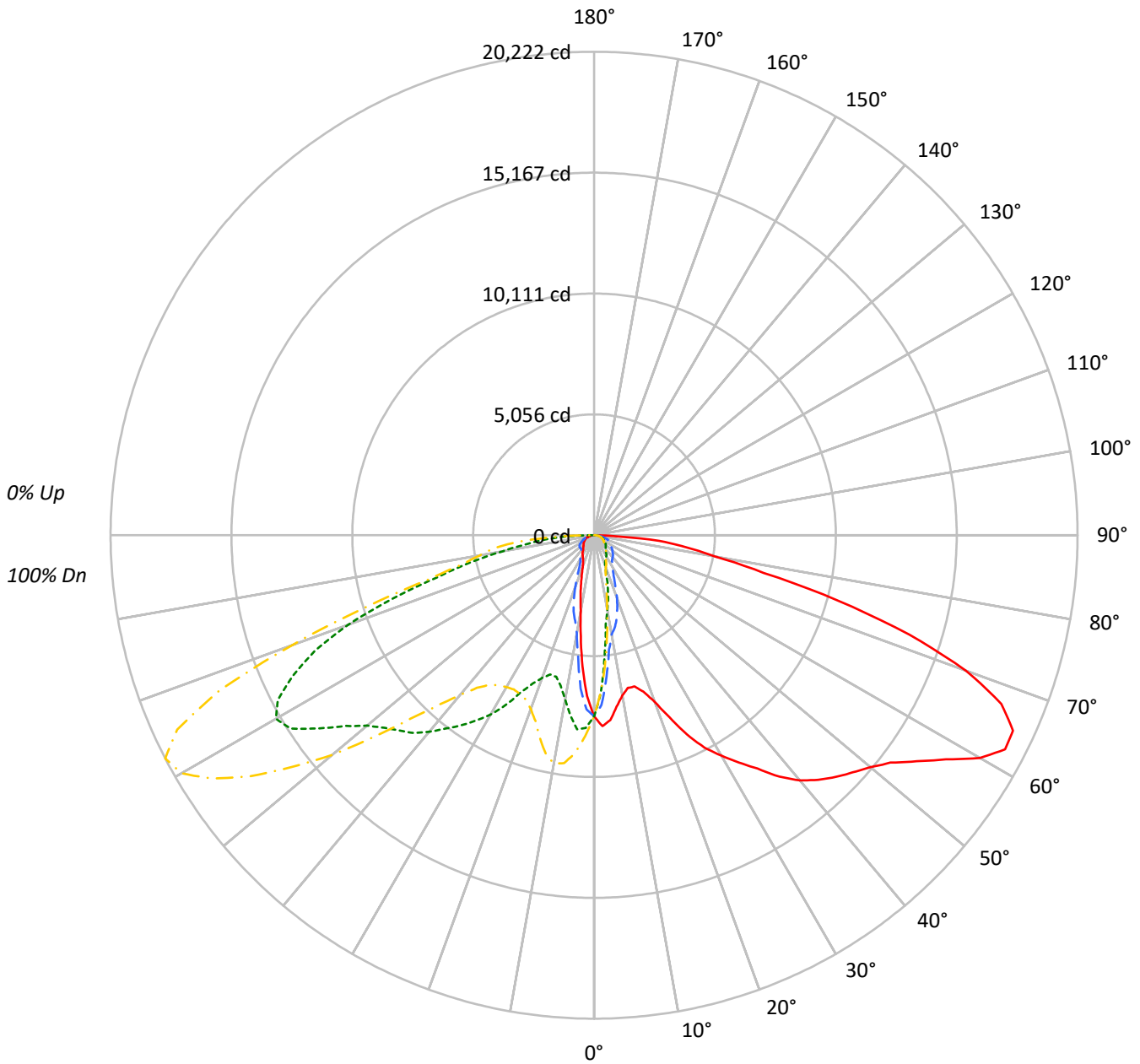
Lumens per Lamp: N/A
 Luminaire Lumens: 25332.2 lumens
 Efficiency: N/A
 Efficacy: 90.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40726	40726	40726	40726
5°	41913	27255	29774	44031
10°	37184	17318	17492	38053
15°	36494	12283	11633	34132
20°	42429	7770	7830	36360
25°	54566	6671	6482	42986
30°	66127	6323	5927	53811
35°	78267	5571	5362	63784
40°	94043	5287	4914	75354
45°	108819	5243	4759	87846
50°	126363	5324	4792	103734
55°	154638	5469	4873	132164
60°	200552	5476	5133	165301
65°	246181	5533	5263	176942
70°	260500	5836	5503	172277
75°	219282	6172	5510	140605
80°	159313	7228	5585	121538
85°	168852	10473	4582	126312

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	585.6	2.3
10°-20°	1225.7	4.8
20°-30°	1766.3	7.0
30°-40°	2542.8	10.0
40°-50°	3611.8	14.3
50°-60°	5192.8	20.5
60°-70°	5999.4	23.7
70°-80°	3397.0	13.4
80°-90°	1011.0	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°	3577.6	14.1
0°-40°	6120.4	24.2
0°-60°	14925.0	58.9
0°-90°	25332.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25332.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7567	7567	7567	7567	7567	
5°	7758	5045	5511	8150	7758	704
15°	6550	2204	2088	6126	6550	1926
25°	9189	1123	1092	7239	9189	4265
35°	11912	848	816	9708	11912	7560
45°	14297	689	625	11542	14297	11070
55°	16480	583	519	14085	16480	14926
65°	19331	434	413	13894	19331	18537
75°	10545	297	265	6762	10545	11189
85°	2734	170	74	2046	2734	2723
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°	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2
2.5°	7991.1	7980.5	7917.0	7715.6	7503.6	7302.2	7111.5	6910.1	6804.1	6676.9	6624.0
5°	7758.0	7736.8	7556.6	7111.5	6719.3	6295.4	5935.1	5648.9	5415.7	5182.6	5097.8
7.5°	7228.1	7196.3	6984.3	6369.6	5797.3	5246.2	4811.6	4440.7	4133.3	3995.6	3836.6
10°	6804.1	6751.1	6475.6	5797.3	5055.4	4504.3	4218.1	3963.8	3698.8	3476.3	3243.1
12.5°	6539.2	6475.6	6189.4	5394.6	4673.9	4260.5	3963.8	3677.6	3349.1	3073.5	2819.2
15°	6549.8	6475.6	6125.8	5288.6	4578.5	4048.6	3635.2	3243.1	2861.5	2554.2	2268.0
17.5°	6857.1	6761.7	6390.8	5436.9	4504.3	3773.0	3221.9	2713.2	2278.6	1950.1	1716.9
20°	7408.2	7344.6	6920.7	5659.5	4430.1	3476.3	2798.0	2183.3	1727.5	1473.2	1377.8
22.5°	8234.9	8160.7	7705.0	5998.7	4408.9	3211.3	2342.2	1716.9	1388.4	1282.4	1229.4
25°	9188.8	9051.0	8627.0	6571.0	4451.3	2967.5	1971.3	1420.2	1240.0	1165.8	1134.0
27.5°	10015.4	9930.6	9453.7	7111.5	4472.5	2776.8	1716.9	1293.0	1155.2	1091.6	1070.4
30°	10640.7	10608.9	10142.6	7705.0	4419.5	2543.6	1558.0	1240.0	1155.2	1091.6	1028.0
32.5°	11266.0	11276.6	10778.5	8160.7	4345.3	2342.2	1409.6	1102.2	1017.4	975.0	985.6
35°	11912.5	11965.5	11541.6	8605.8	4186.3	2268.0	1303.6	1028.0	953.8	890.3	858.5
37.5°	12728.6	12866.4	12453.0	9104.0	4027.4	2204.5	1250.6	975.0	900.9	847.9	805.5
40°	13385.7	13640.1	13396.3	9570.3	3921.4	2130.3	1208.2	922.1	869.1	805.5	773.7
42.5°	13873.2	14170.0	14085.2	9930.6	3921.4	2056.1	1165.8	890.3	847.9	773.7	731.3
45°	14297.1	14604.5	14593.9	10301.6	4006.2	2013.7	1112.8	890.3	826.7	752.5	710.1
47.5°	14678.7	14986.0	15092.0	10767.9	4143.9	1992.5	1049.2	869.1	826.7	741.9	678.3
50°	15092.0	15431.2	15749.1	11509.8	4313.5	1939.5	1006.8	837.3	837.3	731.3	657.1
52.5°	15621.9	16003.5	16586.4	12431.8	4483.1	1844.1	943.3	816.1	837.3	720.7	635.9
55°	16480.4	16798.4	17561.4	13534.1	4695.1	1727.5	890.3	763.1	794.9	688.9	604.1
57.5°	17444.9	17720.4	18356.3	14381.9	4758.7	1579.2	816.1	710.1	763.1	657.1	561.7
60°	18631.9	18769.6	18769.6	14625.7	4546.7	1441.4	763.1	667.7	688.9	625.3	529.9
62.5°	19384.3	19384.3	18769.6	14180.6	4143.9	1324.8	720.7	625.3	604.1	582.9	498.1
65°	19331.4	19246.6	18335.1	12887.6	3677.6	1250.6	678.3	572.3	540.5	529.9	466.3
67.5°	18441.1	18292.7	17052.7	11064.7	3190.1	1218.8	635.9	519.3	498.1	476.9	423.9
70°	16554.6	16173.1	14646.9	8902.6	2713.2	1197.6	625.3	476.9	455.7	434.5	392.1
72.5°	13820.2	13332.7	11435.6	6846.5	2278.6	1123.4	593.5	423.9	413.3	392.1	349.7
75°	10545.3	9644.5	7980.5	5235.6	1769.9	975.0	508.7	370.9	370.9	360.3	317.9
77.5°	7270.5	6804.1	5564.1	3868.4	1293.0	752.5	413.3	328.5	328.5	339.1	296.8
80°	5140.2	4705.7	3963.8	2776.8	816.1	508.7	317.9	275.6	307.4	328.5	275.6
82.5°	3932.0	3614.0	2946.3	2024.3	476.9	349.7	243.8	222.6	265.0	286.2	233.2
85°	2734.4	2352.8	1494.4	1356.6	275.6	212.0	180.2	180.2	233.2	286.2	212.0
87.5°	773.7	328.5	95.4	402.7	116.6	84.8	63.6	42.4	63.6	63.6	42.4
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°	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2
2.5°	6571.0	6507.4	6507.4	6486.2	6496.8	6507.4	6496.8	6571.0	6602.8	6645.2	6729.9
5°	5044.8	5129.6	5066.0	5129.6	5214.4	5341.6	5373.4	5468.7	5479.3	5553.5	5511.1
7.5°	3741.2	3730.6	3677.6	3751.8	3985.0	4165.1	4249.9	4302.9	4313.5	4313.5	4260.5
10°	3168.9	3073.5	2978.1	2925.1	2946.3	3137.1	3200.7	3232.5	3211.3	3243.1	3200.7
12.5°	2713.2	2628.4	2490.6	2395.2	2331.6	2384.6	2448.2	2480.0	2501.2	2554.2	2596.6
15°	2204.5	2119.7	2034.9	1981.9	1928.9	1886.5	1939.5	1971.3	2024.3	2066.7	2087.9
17.5°	1674.5	1632.1	1589.7	1621.5	1621.5	1600.3	1621.5	1632.1	1653.3	1685.1	1674.5
20°	1356.6	1346.0	1335.4	1388.4	1430.8	1430.8	1452.0	1420.2	1409.6	1377.8	1367.2
22.5°	1208.2	1208.2	1218.8	1261.2	1303.6	1324.8	1324.8	1271.8	1218.8	1197.6	1208.2
25°	1123.4	1123.4	1155.2	1165.8	1187.0	1187.0	1197.6	1144.6	1112.8	1081.0	1091.6
27.5°	1059.8	1059.8	1070.4	1070.4	1081.0	1081.0	1091.6	1070.4	1028.0	1017.4	1017.4
30°	1017.4	1017.4	1006.8	1006.8	1006.8	1006.8	1017.4	985.6	964.4	953.8	953.8
32.5°	975.0	964.4	953.8	953.8	943.3	943.3	953.8	922.1	911.5	911.5	911.5
35°	847.9	837.3	847.9	869.1	869.1	879.7	879.7	869.1	847.9	826.7	816.1
37.5°	794.9	784.3	784.3	784.3	805.5	816.1	826.7	805.5	773.7	741.9	741.9
40°	752.5	752.5	741.9	741.9	741.9	763.1	784.3	752.5	710.1	699.5	699.5
42.5°	720.7	710.1	699.5	688.9	678.3	710.1	731.3	688.9	667.7	667.7	667.7
45°	688.9	678.3	667.7	657.1	646.5	657.1	678.3	635.9	625.3	625.3	625.3
47.5°	657.1	646.5	625.3	614.7	604.1	604.1	625.3	593.5	582.9	593.5	593.5
50°	635.9	614.7	593.5	582.9	572.3	572.3	572.3	561.7	561.7	561.7	572.3
52.5°	614.7	593.5	561.7	551.1	540.5	540.5	540.5	540.5	529.9	540.5	551.1
55°	582.9	561.7	540.5	529.9	519.3	508.7	519.3	508.7	508.7	519.3	519.3
57.5°	540.5	519.3	498.1	498.1	487.5	487.5	498.1	487.5	487.5	498.1	498.1
60°	508.7	487.5	466.3	466.3	455.7	466.3	476.9	466.3	466.3	466.3	476.9
62.5°	466.3	455.7	434.5	434.5	434.5	434.5	445.1	434.5	445.1	445.1	445.1
65°	434.5	413.3	402.7	402.7	402.7	402.7	423.9	402.7	413.3	413.3	413.3
67.5°	402.7	381.5	370.9	370.9	370.9	370.9	392.1	370.9	381.5	392.1	381.5
70°	370.9	349.7	339.1	339.1	339.1	339.1	349.7	339.1	339.1	349.7	349.7
72.5°	328.5	317.9	307.4	307.4	296.8	307.4	317.9	307.4	307.4	307.4	307.4
75°	296.8	286.2	286.2	275.6	275.6	275.6	286.2	265.0	265.0	265.0	265.0
77.5°	275.6	254.4	254.4	254.4	243.8	254.4	243.8	222.6	222.6	222.6	222.6
80°	233.2	212.0	222.6	222.6	212.0	212.0	201.4	180.2	180.2	180.2	180.2
82.5°	190.8	169.6	180.2	180.2	180.2	180.2	159.0	148.4	137.8	127.2	127.2
85°	169.6	137.8	159.0	159.0	148.4	148.4	106.0	106.0	84.8	84.8	74.2
87.5°	31.8	21.2	42.4	53.0	53.0	63.6	42.4	53.0	31.8	21.2	21.2
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2
2.5°	6719.3	6835.9	6994.9	7111.5	7291.7	7429.4	7641.4	7821.6	7991.1	8065.3	8139.5
5°	5638.3	5712.5	5956.3	6147.0	6433.2	6740.5	7122.1	7535.4	7959.3	8150.1	8372.7
7.5°	4218.1	4355.9	4493.7	4769.2	5119.0	5617.1	6104.6	6719.3	7312.8	7599.0	7980.5
10°	3274.9	3380.9	3539.8	3826.0	4154.5	4567.9	5150.8	5882.1	6592.2	6963.1	7355.2
12.5°	2628.4	2776.8	2988.7	3285.5	3667.0	4091.0	4514.9	5193.2	6019.9	6443.8	6888.9
15°	2130.3	2246.8	2480.0	2851.0	3296.1	3730.6	4175.7	4737.5	5638.3	6125.8	6655.8
17.5°	1695.7	1780.5	1992.5	2363.4	2808.6	3296.1	3804.8	4514.9	5511.1	6104.6	6729.9
20°	1377.8	1441.4	1579.2	1854.7	2278.6	2808.6	3444.5	4302.9	5585.3	6348.4	7111.5
22.5°	1208.2	1229.4	1293.0	1441.4	1791.1	2352.8	3115.9	4122.8	5723.1	6708.7	7736.8
25°	1091.6	1112.8	1134.0	1229.4	1430.8	1960.7	2829.8	4016.8	6019.9	7238.7	8457.5
27.5°	1017.4	1038.6	1049.2	1091.6	1229.4	1674.5	2586.0	3953.2	6422.6	8012.3	9347.7
30°	953.8	953.8	985.6	1049.2	1144.6	1473.2	2374.0	3804.8	6846.5	8658.8	10047.2
32.5°	900.9	911.5	953.8	985.6	1049.2	1303.6	2162.1	3614.0	7228.1	9188.8	10736.1
35°	805.5	805.5	816.1	869.1	953.8	1165.8	1971.3	3423.3	7440.0	9708.1	11350.8
37.5°	741.9	752.5	773.7	816.1	890.3	1070.4	1812.3	3211.3	7662.6	10195.6	12071.5
40°	699.5	710.1	731.3	773.7	847.9	985.6	1674.5	3041.7	7895.8	10725.5	12845.2
42.5°	667.7	678.3	699.5	741.9	805.5	964.4	1526.2	2903.9	8033.5	11213.0	13576.5
45°	635.9	646.5	678.3	720.7	773.7	943.3	1441.4	2808.6	8086.5	11541.6	14159.4
47.5°	604.1	614.7	646.5	710.1	773.7	911.5	1409.6	2755.6	8128.9	11912.5	14625.7
50°	572.3	593.5	635.9	699.5	784.3	869.1	1388.4	2745.0	8372.7	12389.4	15070.8
52.5°	551.1	582.9	625.3	699.5	773.7	805.5	1377.8	2776.8	8860.2	13099.5	15706.7
55°	529.9	561.7	604.1	699.5	741.9	752.5	1324.8	2829.8	9602.1	14085.2	16607.6
57.5°	508.7	529.9	582.9	678.3	699.5	710.1	1218.8	2903.9	10344.0	15049.6	17529.6
60°	476.9	498.1	551.1	678.3	635.9	667.7	1081.0	2925.1	10873.9	15357.0	17614.4
62.5°	445.1	466.3	519.3	699.5	582.9	625.3	964.4	2851.0	10979.9	14911.9	17137.5
65°	413.3	434.5	476.9	582.9	540.5	582.9	890.3	2649.6	10630.1	13894.4	16268.4
67.5°	381.5	402.7	434.5	476.9	487.5	529.9	858.5	2331.6	9750.5	12633.2	15081.4
70°	339.1	360.3	392.1	423.9	434.5	498.1	805.5	2024.3	8330.3	10948.1	13629.5
72.5°	307.4	317.9	349.7	370.9	392.1	455.7	773.7	1769.9	6369.6	8860.2	11117.6
75°	265.0	265.0	296.8	317.9	339.1	402.7	710.1	1473.2	4493.7	6761.7	8171.3
77.5°	222.6	222.6	243.8	265.0	286.2	349.7	604.1	1197.6	3115.9	5362.8	5924.5
80°	169.6	169.6	190.8	212.0	233.2	296.8	487.5	879.7	1928.9	3921.4	4313.5
82.5°	116.6	116.6	148.4	159.0	169.6	233.2	370.9	604.1	1134.0	2829.8	3084.1
85°	63.6	63.6	84.8	95.4	116.6	169.6	275.6	423.9	678.3	2045.5	2056.1
87.5°	10.6	10.6	31.8	31.8	53.0	84.8	159.0	233.2	381.5	1134.0	720.7
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°	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2	7567.2
2.5°	8277.3	8393.9	8404.5	8404.5	8351.5	8362.1	8213.7	8054.7	8001.7	7991.1
5°	8711.8	9019.2	9104.0	9146.4	9008.6	8796.6	8415.1	8001.7	7789.8	7758.0
7.5°	8627.0	9241.7	9570.3	9612.7	9337.1	8839.0	8171.3	7535.4	7291.7	7228.1
10°	8128.9	8955.6	9549.1	9697.5	9400.7	8764.8	7895.8	7153.9	6857.1	6804.1
12.5°	7779.2	8574.0	9157.0	9358.3	9220.5	8669.4	7758.0	6910.1	6613.4	6539.2
15°	7588.4	8319.7	8701.2	8764.8	8754.2	8521.1	7758.0	6963.1	6634.6	6549.8
17.5°	7747.4	8245.5	8298.5	8150.1	8234.9	8351.5	7927.6	7249.3	6931.3	6857.1
20°	8065.3	8213.7	7959.3	7736.8	7779.2	8150.1	8192.5	7789.8	7535.4	7408.2
22.5°	8733.0	8330.3	7747.4	7440.0	7471.8	7991.1	8542.3	8521.1	8298.5	8234.9
25°	9411.3	8658.8	7683.8	7323.4	7365.8	7959.3	8955.6	9337.1	9220.5	9188.8
27.5°	10163.8	9209.9	7726.2	7270.5	7323.4	8001.7	9241.7	10026.0	10047.2	10015.4
30°	10672.5	9474.9	7853.4	7334.0	7408.2	8107.7	9305.3	10439.4	10630.1	10640.7
32.5°	11096.5	9739.9	8118.3	7440.0	7567.2	8298.5	9474.9	10831.5	11255.4	11266.0
35°	11435.6	10036.6	8446.9	7630.8	7821.6	8616.4	9697.5	11202.4	11838.3	11912.5
37.5°	11870.1	10365.2	8828.4	8044.1	8256.1	9072.2	10089.6	11637.0	12527.2	12728.6
40°	12336.5	10693.7	9379.5	8711.8	9019.2	9750.5	10534.7	12124.5	13110.1	13385.7
42.5°	12855.8	11043.5	10004.8	9612.7	10079.0	10608.9	11043.5	12569.6	13555.3	13873.2
45°	13364.5	11467.4	10916.3	10842.1	11361.4	11626.4	11541.6	12887.6	13979.2	14297.1
47.5°	13724.8	12082.1	12018.5	12463.6	12951.2	12813.4	12124.5	13120.7	14328.9	14678.7
50°	14053.4	12845.2	13406.9	14276.0	14572.7	14106.4	12749.8	13438.7	14699.9	15092.0
52.5°	14540.9	13661.2	14837.7	15918.7	16204.8	15463.0	13428.1	13958.0	15272.2	15621.9
55°	15537.2	14583.3	16332.0	17572.0	17625.0	16703.0	14339.5	14837.7	16077.7	16480.4
57.5°	16650.0	15717.3	17519.0	18939.2	18918.0	17943.0	15367.6	16024.7	17169.3	17444.9
60°	17656.8	16861.9	18812.0	19914.3	19861.3	18843.8	16565.2	17370.7	18419.9	18631.9
62.5°	18250.3	17900.6	19384.3	20221.6	20020.2	19140.6	17582.6	18568.3	19310.2	19384.3
65°	18154.9	18494.1	18716.7	19236.0	18949.8	18313.9	18080.8	19331.4	19405.5	19331.4
67.5°	17434.3	18154.9	16883.1	16936.1	16787.8	16247.2	17307.1	19130.0	18621.3	18441.1
70°	16342.6	16395.6	14117.0	13449.3	13682.4	12940.6	14848.3	17561.4	16777.2	16554.6
72.5°	14530.3	13873.2	10672.5	9994.2	10344.0	9814.1	11912.5	15304.0	14540.9	13820.2
75°	12188.1	10990.5	8128.9	7164.5	7344.6	7323.4	9231.1	12643.8	11266.0	10545.3
77.5°	9443.1	8563.5	5998.7	5627.7	5436.9	5479.3	6443.8	9400.7	8171.3	7270.5
80°	6899.5	5988.1	4642.1	4854.0	4748.1	4493.7	4514.9	6295.4	5680.7	5140.2
82.5°	4769.2	4260.5	3762.4	4249.9	3995.6	3603.4	3518.6	4536.1	4260.5	3932.0
85°	3200.7	3508.0	2988.7	3253.7	2819.2	2596.6	3306.7	3794.2	3062.9	2734.4
87.5°	2087.9	3211.3	2151.5	1632.1	932.7	1250.6	2024.3	2490.6	1430.8	773.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)