

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: P598868

Luminaire Tested: **IFLD-L-SA7A-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598868
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

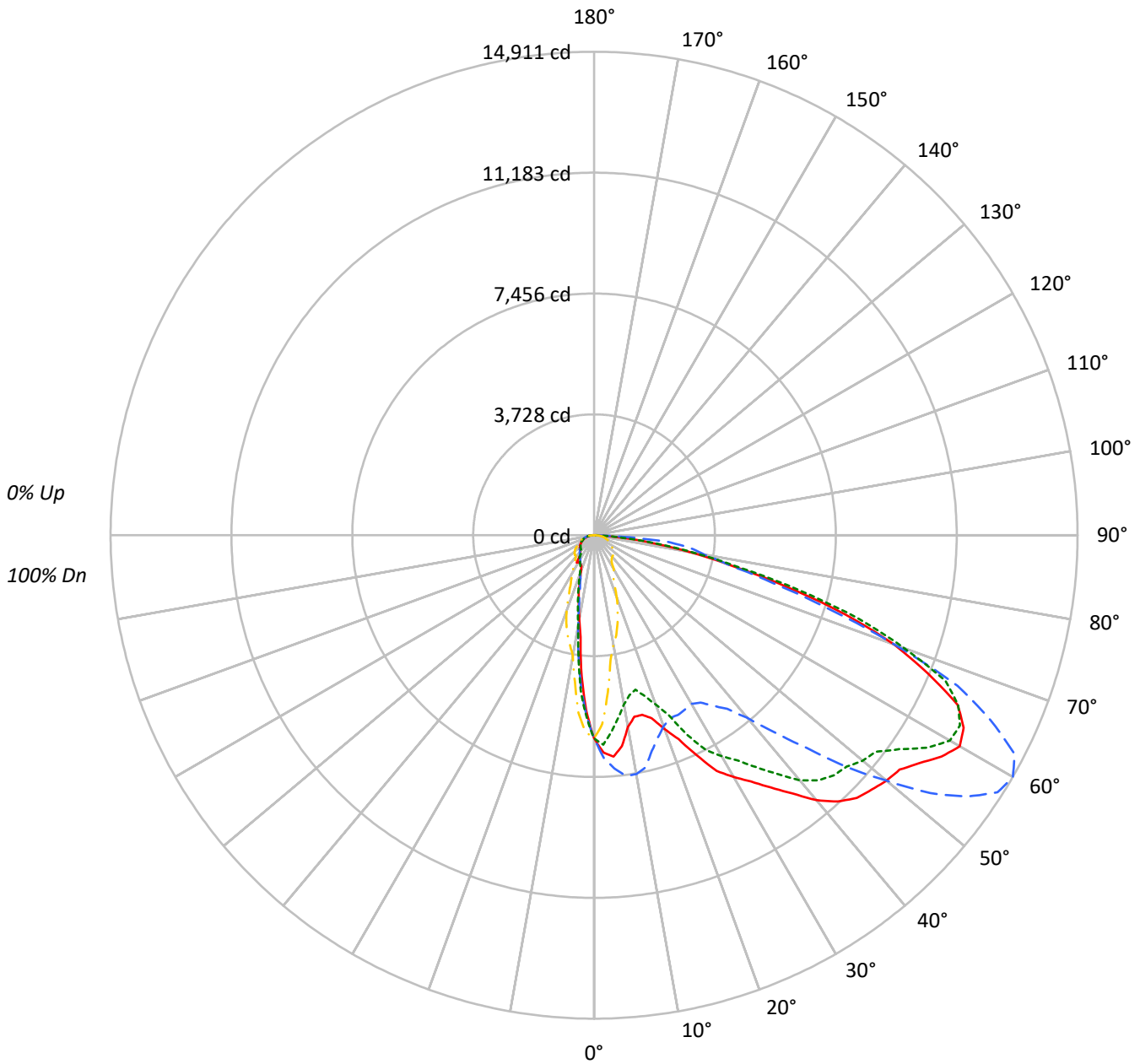
Lumens per Lamp: N/A
 Luminaire Lumens: 19611.5 lumens
 Efficiency: N/A
 Efficacy: 90.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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				
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	33712	33712	33712	33712
5°	37036	32900	23594	25756
10°	32805	28954	14311	15357
15°	31944	27484	10131	10518
20°	36423	31789	6627	7325
25°	44378	40296	5786	5993
30°	53470	48874	6001	5569
35°	62360	57387	4973	4687
40°	74935	69312	4645	4401
45°	87206	79658	4701	4370
50°	98554	90542	4808	4516
55°	114936	107916	4980	4735
60°	140184	136344	4963	4963
65°	157542	157764	5096	5318
70°	154831	160307	5339	5476
75°	127719	136221	5608	5970
80°	92215	96799	6202	6471
85°	51037	54798	6984	8596

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	486.6	2.5
10°-20°	1027.4	5.2
20°-30°	1503.2	7.7
30°-40°	2117.9	10.8
40°-50°	2910.7	14.8
50°-60°	3966.9	20.2
60°-70°	4341.6	22.1
70°-80°	2506.6	12.8
80°-90°	750.6	3.8
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°	3017.2	15.4
0°-40°	5135.2	26.2
0°-60°	12012.7	61.3
0°-90°	19611.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19611.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6264	6264	6264	6264	6264	
5°	6855	6090	4367	4767	6855	622
15°	5733	4933	1818	1888	5733	1675
25°	7473	6786	974	1009	7473	3499
35°	9491	8734	757	713	9491	6018
45°	11458	10466	618	574	11458	8806
55°	12249	11501	531	505	12249	11052
65°	12371	12388	400	418	12371	11840
75°	6142	6551	270	287	6142	6598
85°	826	887	113	139	826	1147
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°	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8
2.5°	6707.5	6681.4	6707.5	6803.2	6829.3	6872.8	6872.8	6811.9	6698.8	6646.6	6559.6
5°	6855.4	6811.9	7029.4	7229.5	7386.1	7368.7	7220.8	7099.0	6872.8	6533.5	6211.6
7.5°	6559.6	6603.1	6759.7	7281.7	7647.1	7716.7	7481.8	7238.2	6751.0	6281.2	5846.2
10°	6002.8	6063.7	6403.0	6942.4	7516.6	7629.7	7481.8	7186.0	6603.1	6020.2	5515.6
12.5°	5733.1	5872.3	6072.4	6724.9	7133.8	7403.5	7333.9	7142.5	6490.0	5802.7	5315.5
15°	5733.1	5767.9	6063.7	6611.8	6846.7	6855.4	6881.5	6916.3	6524.8	5898.4	5245.9
17.5°	5915.8	6011.5	6263.8	6603.1	6646.6	6542.2	6542.2	6690.1	6594.4	6168.1	5498.2
20°	6359.5	6324.7	6655.3	6794.5	6559.6	6298.6	6272.5	6524.8	6672.7	6455.2	5959.3
22.5°	6803.2	6959.8	7229.5	6916.3	6481.3	6133.3	6098.5	6411.7	6907.6	6951.1	6490.0
25°	7473.1	7629.7	7768.9	7386.1	6472.6	6089.8	6115.9	6359.5	7194.7	7655.8	7377.4
27.5°	8195.1	8290.8	8490.9	7899.3	6681.4	6037.6	6063.7	6429.1	7464.4	8116.8	8073.3
30°	8604.0	8708.4	8664.9	7995.0	6820.6	6072.4	6002.8	6524.8	7316.5	8116.8	8525.7
32.5°	9004.2	8943.3	8917.2	8151.6	6994.6	6289.9	6115.9	6724.9	7403.5	8247.3	9108.6
35°	9491.4	9404.4	9334.8	8456.1	7281.7	6498.7	6420.4	6985.9	7594.9	8517.0	9578.4
37.5°	10030.8	10030.8	9691.5	8682.3	7621.0	6838.0	6751.0	7360.0	7899.3	8682.3	10222.2
40°	10665.9	10692.0	10091.7	8986.8	8003.7	7377.4	7351.3	7847.1	8195.1	8925.9	10839.9
42.5°	11135.6	11153.0	10439.7	9099.9	8447.4	8125.5	8238.6	8630.1	8534.4	9143.4	10883.4
45°	11457.5	11370.5	10683.3	9421.8	8934.6	9247.8	9282.6	9395.7	8978.1	9273.9	11057.3
47.5°	11614.1	11596.7	10787.7	9795.9	9961.2	10387.5	10587.6	10431.0	9387.0	9134.7	11057.3
50°	11770.7	11622.8	10883.4	10309.2	10961.6	11822.9	11779.4	11492.3	9952.5	9308.7	10892.1
52.5°	11875.1	11744.6	11074.7	10770.3	11918.6	12893.0	13067.0	12536.3	10613.7	9630.6	10970.3
55°	12249.2	12144.8	11648.9	11396.6	13023.5	14024.0	14050.0	13310.6	11309.6	10161.3	11483.6
57.5°	12701.6	12762.5	12440.6	12284.0	13867.4	14850.4	14754.7	13884.8	11901.2	10805.1	12075.2
60°	13023.5	13119.2	13040.9	13058.3	14284.9	15128.8	14911.3	14241.4	12336.2	11292.2	12797.3
62.5°	12849.5	13040.9	13362.8	13293.2	14302.3	14928.7	14624.2	13771.7	12388.4	11927.3	13345.4
65°	12371.0	12388.4	13014.8	13397.6	13519.4	13893.5	13493.3	12788.6	11849.0	12318.8	13267.1
67.5°	11144.3	11283.5	11849.0	12597.2	12083.9	12170.9	12136.1	11118.2	11031.2	12049.1	12666.8
70°	9839.4	9935.1	10552.8	11431.4	10204.8	9795.9	9874.2	9117.3	9474.0	11213.9	11457.5
72.5°	8134.2	8195.1	8899.8	9674.1	8186.4	7455.7	7638.4	7020.7	7525.3	9813.3	9665.4
75°	6142.0	6255.1	6803.2	7716.7	6028.9	5559.1	5741.8	5489.5	5959.3	8082.0	7499.2
77.5°	4367.3	4280.3	4958.8	6037.6	4532.6	4254.2	4271.6	4315.1	4819.6	6811.9	5385.1
80°	2975.3	3001.4	3610.4	4428.2	3558.2	3514.7	3471.2	3819.2	4045.4	5393.8	3914.9
82.5°	1766.0	1766.0	2435.9	3149.3	2810.0	3166.7	2966.6	3279.8	3166.7	3967.1	2566.4
85°	826.5	826.5	1252.8	2270.6	2174.9	2609.9	2218.4	2479.4	2340.2	2766.5	1157.1
87.5°	139.2	121.8	252.3	1113.6	896.1	1017.9	400.2	1322.4	1470.3	1931.3	287.1
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°	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8
2.5°	6463.9	6403.0	6281.2	6124.6	5994.1	5828.8	5776.6	5663.5	5506.9	5489.5	5419.9
5°	6089.8	5881.0	5620.0	5298.1	5080.6	4854.4	4663.1	4550.0	4419.5	4402.1	4367.3
7.5°	5680.9	5419.9	4984.9	4602.2	4228.1	3871.4	3697.4	3479.9	3332.0	3218.9	3166.7
10°	5298.1	5054.5	4515.2	3993.2	3662.6	3427.7	3218.9	2992.7	2810.0	2670.8	2618.6
12.5°	5045.8	4758.7	4175.9	3680.0	3436.4	3166.7	2931.8	2688.2	2453.3	2270.6	2174.9
15°	4932.7	4663.1	4071.5	3523.4	3166.7	2792.6	2522.9	2279.3	1992.2	1861.7	1818.2
17.5°	5202.4	4802.2	4036.7	3340.7	2836.1	2409.8	2079.2	1818.2	1609.4	1479.0	1426.8
20°	5550.4	5054.5	4097.6	3123.2	2522.9	2044.4	1679.0	1400.7	1261.5	1165.8	1157.1
22.5°	5994.1	5428.6	4193.3	2966.6	2174.9	1644.2	1313.7	1148.4	1052.7	1044.0	1026.6
25°	6785.8	6107.2	4349.9	2757.8	1896.5	1357.2	1122.3	1026.6	983.1	957.0	974.4
27.5°	7464.4	6550.9	4463.0	2627.3	1783.4	1278.9	1087.5	983.1	939.6	930.9	939.6
30°	7864.5	6959.8	4428.2	2383.7	1557.3	1218.0	1157.1	1122.3	1035.3	965.7	965.7
32.5°	8229.9	7220.8	4419.5	2166.2	1331.1	1017.9	965.7	939.6	991.8	1026.6	1000.5
35°	8734.5	7629.7	4393.4	2044.4	1235.4	939.6	852.6	783.0	748.2	730.8	756.9
37.5°	9273.9	7908.0	4323.8	2027.0	1183.2	896.1	826.5	756.9	722.1	704.7	696.0
40°	9865.5	8203.8	4245.5	1940.0	1157.1	870.0	800.4	739.5	696.0	669.9	661.2
42.5°	10248.3	8438.7	4167.2	1896.5	1104.9	852.6	774.3	722.1	678.6	643.8	643.8
45°	10465.8	8717.1	4088.9	1853.0	1044.0	861.3	774.3	704.7	652.5	635.1	617.7
47.5°	10561.5	8925.9	4062.8	1783.4	991.8	826.5	756.9	687.3	635.1	600.3	591.6
50°	10813.8	9369.6	4158.5	1731.2	930.9	791.7	800.4	678.6	626.4	582.9	574.2
52.5°	10961.6	9726.3	4367.3	1652.9	887.4	748.2	783.0	661.2	600.3	556.8	556.8
55°	11501.0	10317.9	4593.5	1592.0	835.2	687.3	722.1	626.4	556.8	530.7	530.7
57.5°	12188.3	10944.2	4784.8	1565.9	800.4	643.8	643.8	609.0	530.7	495.9	487.2
60°	12666.8	11457.5	4897.9	1548.6	765.6	600.3	574.2	609.0	504.6	469.8	461.1
62.5°	12719.0	11161.7	4784.8	1539.9	756.9	556.8	522.0	582.9	478.5	443.7	426.3
65°	12388.4	10561.5	4471.7	1505.1	748.2	513.3	487.2	504.6	443.7	417.6	400.2
67.5°	11727.2	9587.1	4019.3	1487.7	739.5	478.5	443.7	435.0	408.9	382.8	365.4
70°	10187.4	8316.9	3488.6	1409.4	722.1	452.4	400.2	391.5	365.4	348.0	339.3
72.5°	8551.8	6803.2	2879.6	1305.0	687.3	408.9	365.4	348.0	339.3	313.2	304.5
75°	6550.9	5237.2	2305.4	1157.1	600.3	365.4	321.9	304.5	295.8	278.4	269.7
77.5°	4602.2	3897.5	1705.1	939.6	504.6	330.6	287.1	269.7	261.0	234.9	234.9
80°	3123.2	2731.7	1157.1	652.5	391.5	269.7	252.3	234.9	217.5	200.1	200.1
82.5°	1940.0	1913.9	835.2	426.3	287.1	217.5	200.1	200.1	174.0	156.6	156.6
85°	887.4	1174.5	582.9	295.8	217.5	165.3	165.3	156.6	139.2	113.1	113.1
87.5°	278.4	391.5	304.5	130.5	121.8	95.7	95.7	87.0	87.0	69.6	69.6
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°	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8
2.5°	5489.5	5480.8	5480.8	5446.0	5533.0	5533.0	5585.2	5541.7	5567.8	5576.5	5646.1
5°	4358.6	4428.2	4480.4	4584.8	4645.7	4671.8	4671.8	4741.3	4715.2	4767.4	4871.8
7.5°	3192.8	3279.8	3436.4	3566.9	3671.3	3706.1	3697.4	3714.8	3740.9	3680.0	3697.4
10°	2583.8	2522.9	2575.1	2696.9	2792.6	2905.7	2818.7	2810.0	2836.1	2810.0	2862.2
12.5°	2157.5	2087.9	2044.4	2044.4	2114.0	2166.2	2140.1	2183.6	2279.3	2305.4	2366.3
15°	1748.6	1687.7	1652.9	1609.4	1679.0	1696.4	1722.5	1783.4	1853.0	1887.8	1957.4
17.5°	1400.7	1400.7	1400.7	1365.9	1392.0	1418.1	1426.8	1505.1	1513.8	1548.6	1574.6
20°	1148.4	1174.5	1218.0	1235.4	1261.5	1261.5	1244.1	1287.6	1252.8	1278.9	1296.3
22.5°	1035.3	1070.1	1087.5	1096.2	1131.0	1139.7	1096.2	1104.9	1113.6	1087.5	1096.2
25°	974.4	991.8	974.4	983.1	991.8	974.4	983.1	1000.5	991.8	1009.2	1000.5
27.5°	948.3	930.9	922.2	913.5	913.5	896.1	904.8	904.8	922.2	930.9	930.9
30°	948.3	922.2	887.4	861.3	861.3	835.2	852.6	870.0	878.7	896.1	896.1
32.5°	974.4	922.2	861.3	835.2	809.1	791.7	809.1	835.2	870.0	878.7	887.4
35°	774.3	800.4	791.7	756.9	748.2	748.2	739.5	739.5	713.4	713.4	704.7
37.5°	696.0	687.3	704.7	713.4	722.1	696.0	696.0	661.2	652.5	661.2	661.2
40°	652.5	652.5	652.5	678.6	687.3	669.9	643.8	626.4	626.4	626.4	635.1
42.5°	635.1	617.7	609.0	626.4	652.5	635.1	609.0	600.3	600.3	609.0	609.0
45°	609.0	600.3	591.6	582.9	617.7	591.6	582.9	574.2	574.2	574.2	582.9
47.5°	582.9	574.2	556.8	556.8	565.5	556.8	548.1	548.1	548.1	565.5	565.5
50°	565.5	556.8	539.4	539.4	539.4	539.4	530.7	530.7	530.7	539.4	548.1
52.5°	539.4	530.7	522.0	513.3	513.3	513.3	513.3	513.3	513.3	522.0	530.7
55°	513.3	504.6	495.9	495.9	504.6	504.6	495.9	504.6	495.9	504.6	513.3
57.5°	487.2	478.5	469.8	478.5	487.2	478.5	478.5	478.5	478.5	478.5	487.2
60°	452.4	452.4	452.4	452.4	469.8	469.8	469.8	469.8	452.4	461.1	469.8
62.5°	435.0	426.3	426.3	435.0	443.7	443.7	452.4	443.7	435.0	443.7	443.7
65°	400.2	400.2	400.2	408.9	408.9	417.6	417.6	417.6	408.9	417.6	417.6
67.5°	374.1	374.1	374.1	374.1	391.5	391.5	391.5	391.5	382.8	382.8	391.5
70°	330.6	339.3	330.6	348.0	365.4	356.7	365.4	365.4	356.7	348.0	365.4
72.5°	304.5	304.5	304.5	304.5	330.6	330.6	330.6	339.3	330.6	321.9	330.6
75°	269.7	269.7	269.7	278.4	295.8	295.8	295.8	295.8	295.8	287.1	287.1
77.5°	234.9	243.6	234.9	243.6	261.0	252.3	261.0	269.7	261.0	252.3	252.3
80°	200.1	200.1	200.1	208.8	217.5	217.5	217.5	226.2	217.5	208.8	208.8
82.5°	156.6	156.6	165.3	165.3	174.0	174.0	174.0	182.7	174.0	165.3	165.3
85°	121.8	121.8	121.8	130.5	130.5	139.2	139.2	147.9	147.9	139.2	139.2
87.5°	78.3	69.6	78.3	78.3	87.0	87.0	78.3	69.6	78.3	69.6	60.9
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°	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8	6263.8
2.5°	5715.7	5872.3	5985.4	6063.7	6176.8	6394.3	6481.3	6637.9	6681.4	6707.5
5°	4915.3	5080.6	5324.2	5498.2	5698.3	6107.2	6420.4	6655.3	6759.7	6855.4
7.5°	3854.0	4071.5	4323.8	4550.0	4880.5	5385.1	5794.0	6281.2	6463.9	6559.6
10°	3010.1	3210.2	3488.6	3767.0	4228.1	4654.4	5237.2	5680.9	5933.2	6002.8
12.5°	2540.3	2775.2	3105.8	3445.1	3732.2	4219.4	4810.9	5454.7	5689.6	5733.1
15°	2157.5	2479.4	2818.7	3166.7	3497.3	3923.6	4558.7	5341.6	5689.6	5733.1
17.5°	1783.4	2070.5	2470.7	2844.8	3227.6	3810.5	4602.2	5437.3	5785.3	5915.8
20°	1418.1	1696.4	2009.6	2479.4	3001.4	3619.1	4697.8	5759.2	6220.3	6359.5
22.5°	1174.5	1296.3	1600.7	2053.1	2670.8	3488.6	4793.5	6263.8	6751.0	6803.2
25°	1026.6	1113.6	1305.0	1731.2	2409.8	3401.6	5019.7	6846.7	7473.1	7473.1
27.5°	957.0	991.8	1122.3	1505.1	2227.1	3323.3	5245.9	7490.5	8073.3	8195.1
30°	939.6	1026.6	1096.2	1339.8	2027.0	3105.8	5454.7	7995.0	8595.3	8604.0
32.5°	922.2	904.8	957.0	1165.8	1783.4	2879.6	5628.7	8508.3	8978.1	9004.2
35°	722.1	756.9	843.9	1026.6	1600.7	2714.3	5715.7	8786.7	9465.3	9491.4
37.5°	678.6	722.1	791.7	948.3	1479.0	2575.1	5741.8	9326.1	9978.6	10030.8
40°	661.2	696.0	748.2	878.7	1383.3	2401.1	5794.0	9882.9	10735.5	10665.9
42.5°	626.4	669.9	722.1	843.9	1305.0	2270.6	5802.7	10187.4	11135.6	11135.6
45°	617.7	643.8	704.7	843.9	1218.0	2157.5	5663.5	10491.9	11596.7	11457.5
47.5°	582.9	635.1	687.3	817.8	1113.6	2044.4	5498.2	10648.5	11657.6	11614.1
50°	574.2	626.4	713.4	774.3	1052.7	1992.2	5463.4	11039.9	11779.4	11770.7
52.5°	556.8	609.0	739.5	739.5	974.4	1922.6	5628.7	11213.9	11805.5	11875.1
55°	530.7	609.0	687.3	678.6	904.8	1835.6	5811.4	11666.3	12266.6	12249.2
57.5°	513.3	591.6	652.5	617.7	826.5	1774.7	6081.1	12101.3	12823.4	12701.6
60°	487.2	591.6	582.9	574.2	765.6	1722.5	6307.3	12188.3	12945.2	13023.5
62.5°	469.8	617.7	513.3	530.7	713.4	1696.4	6211.6	11535.8	12779.9	12849.5
65°	452.4	530.7	469.8	487.2	696.0	1644.2	5837.5	10752.9	12066.5	12371.0
67.5°	417.6	435.0	435.0	452.4	678.6	1522.5	5071.9	9343.5	10979.0	11144.3
70°	382.8	391.5	391.5	417.6	661.2	1383.3	4184.6	8082.0	9526.2	9839.4
72.5°	348.0	348.0	348.0	382.8	609.0	1270.2	3445.1	6211.6	7916.7	8134.2
75°	304.5	304.5	304.5	339.3	548.1	1157.1	2714.3	4619.6	5828.8	6142.0
77.5°	269.7	269.7	261.0	304.5	478.5	939.6	1957.4	3262.4	4106.3	4367.3
80°	226.2	217.5	217.5	243.6	374.1	678.6	1261.5	2305.4	2862.2	2975.3
82.5°	182.7	174.0	165.3	182.7	269.7	426.3	783.0	1609.4	1835.6	1766.0
85°	174.0	182.7	147.9	139.2	191.4	278.4	495.9	991.8	826.5	826.5
87.5°	69.6	60.9	60.9	52.2	95.7	104.4	217.5	182.7	139.2	139.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)