

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: P599071

Luminaire Tested: **IFLD-L-SA7A-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599071
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

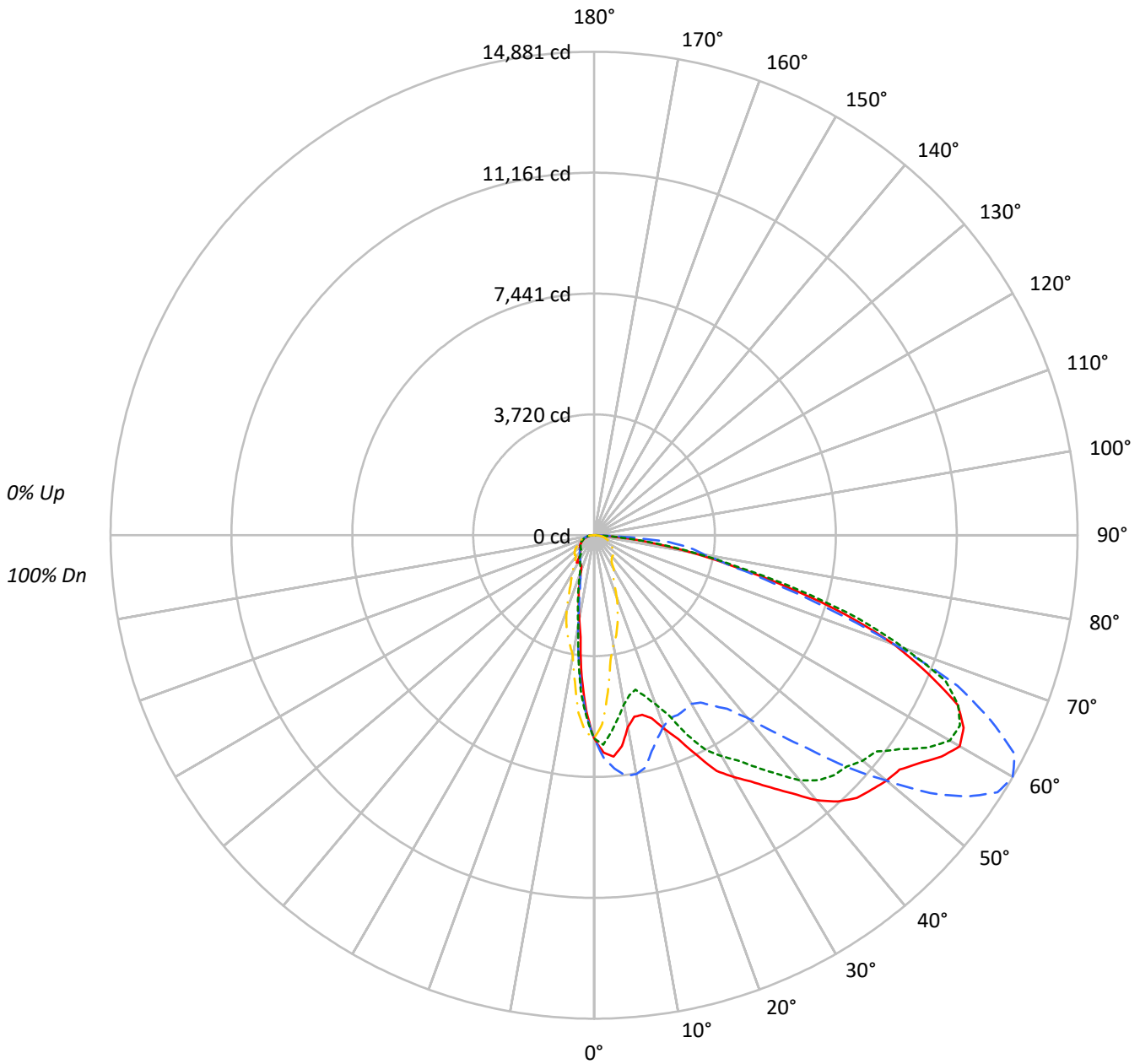
Lumens per Lamp: N/A
 Luminaire Lumens: 19571.6 lumens
 Efficiency: N/A
 Efficacy: 89.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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°	33643	33643	33643	33643
5°	36961	32833	23546	25704
10°	32739	28895	14282	15325
15°	31879	27428	10110	10497
20°	36349	31724	6613	7310
25°	44287	40214	5774	5980
30°	53361	48775	5989	5557
35°	62233	57270	4962	4677
40°	74782	69170	4636	4392
45°	87028	79496	4692	4361
50°	98354	90357	4798	4507
55°	114703	107696	4969	4725
60°	139899	136067	4952	4952
65°	157221	157443	5086	5307
70°	154514	159979	5328	5465
75°	127459	135943	5596	5958
80°	92026	96600	6189	6459
85°	50932	54687	6972	8577

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	485.6	2.5
10°-20°	1025.3	5.2
20°-30°	1500.1	7.7
30°-40°	2113.6	10.8
40°-50°	2904.7	14.8
50°-60°	3958.8	20.2
60°-70°	4332.8	22.1
70°-80°	2501.5	12.8
80°-90°	749.1	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°	3011.1	15.4
0°-40°	5124.7	26.2
0°-60°	11988.3	61.3
0°-90°	19571.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19571.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6251	6251	6251	6251	6251	
5°	6841	6077	4358	4758	6841	621
15°	5721	4923	1814	1884	5721	1672
25°	7458	6772	972	1007	7458	3492
35°	9472	8717	755	712	9472	6006
45°	11434	10444	616	573	11434	8788
55°	12224	11478	530	504	12224	11030
65°	12346	12363	399	417	12346	11816
75°	6130	6538	269	286	6130	6584
85°	825	886	113	139	825	1144
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°	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0
2.5°	6693.8	6667.8	6693.8	6789.3	6815.4	6858.8	6858.8	6798.0	6685.1	6633.1	6546.2
5°	6841.4	6798.0	7015.1	7214.7	7371.0	7353.7	7206.1	7084.5	6858.8	6520.2	6199.0
7.5°	6546.2	6589.6	6745.9	7266.8	7631.5	7700.9	7466.5	7223.4	6737.2	6268.4	5834.3
10°	5990.6	6051.4	6390.0	6928.2	7501.3	7614.1	7466.5	7171.3	6589.6	6007.9	5504.4
12.5°	5721.4	5860.4	6060.0	6711.2	7119.2	7388.4	7318.9	7127.9	6476.8	5790.9	5304.7
15°	5721.4	5756.2	6051.4	6598.3	6832.7	6841.4	6867.5	6902.2	6511.5	5886.4	5235.2
17.5°	5903.8	5999.3	6251.0	6589.6	6633.1	6528.9	6528.9	6676.5	6581.0	6155.5	5487.0
20°	6346.5	6311.8	6641.7	6780.6	6546.2	6285.8	6259.7	6511.5	6659.1	6442.0	5947.2
22.5°	6789.3	6945.6	7214.7	6902.2	6468.1	6120.8	6086.1	6398.6	6893.5	6936.9	6476.8
25°	7457.8	7614.1	7753.0	7371.0	6459.4	6077.4	6103.4	6346.5	7180.0	7640.2	7362.3
27.5°	8178.4	8274.0	8473.6	7883.3	6667.8	6025.3	6051.4	6416.0	7449.2	8100.3	8056.9
30°	8586.5	8690.7	8647.3	7978.8	6806.7	6060.0	5990.6	6511.5	7301.6	8100.3	8508.4
32.5°	8985.9	8925.1	8899.1	8135.0	6980.3	6277.1	6103.4	6711.2	7388.4	8230.5	9090.1
35°	9472.1	9385.2	9315.8	8438.9	7266.8	6485.5	6407.3	6971.6	7579.4	8499.7	9558.9
37.5°	10010.4	10010.4	9671.8	8664.6	7605.4	6824.1	6737.2	7345.0	7883.3	8664.6	10201.4
40°	10644.1	10670.2	10071.1	8968.5	7987.4	7362.3	7336.3	7831.2	8178.4	8907.7	10817.8
42.5°	11113.0	11130.3	10418.4	9081.4	8430.2	8109.0	8221.9	8612.5	8517.0	9124.8	10861.2
45°	11434.2	11347.4	10661.5	9402.6	8916.4	9229.0	9263.7	9376.6	8959.8	9255.0	11034.8
47.5°	11590.5	11573.1	10765.7	9775.9	9940.9	10366.3	10566.0	10409.7	9367.9	9116.1	11034.8
50°	11746.8	11599.2	10861.2	10288.2	10939.3	11798.8	11755.4	11468.9	9932.2	9289.7	10869.9
52.5°	11850.9	11720.7	11052.2	10748.3	11894.3	12866.7	13040.4	12510.8	10592.0	9611.0	10948.0
55°	12224.3	12120.1	11625.2	11373.4	12997.0	13995.4	14021.4	13283.5	11286.6	10140.6	11460.2
57.5°	12675.7	12736.5	12415.3	12259.0	13839.1	14820.2	14724.7	13856.5	11877.0	10783.1	12050.6
60°	12997.0	13092.5	13014.3	13031.7	14255.9	15098.0	14881.0	14212.4	12311.1	11269.2	12771.2
62.5°	12823.3	13014.3	13335.6	13266.1	14273.2	14898.3	14594.5	13743.6	12363.2	11903.0	13318.2
65°	12345.8	12363.2	12988.3	13370.3	13491.8	13865.2	13465.8	12762.5	11824.9	12293.7	13240.1
67.5°	11121.6	11260.6	11824.9	12571.5	12059.3	12146.1	12111.4	11095.6	11008.8	12024.6	12641.0
70°	9819.3	9914.8	10531.3	11408.2	10184.0	9775.9	9854.1	9098.7	9454.7	11191.1	11434.2
72.5°	8117.7	8178.4	8881.7	9654.4	8169.8	7440.5	7622.8	7006.4	7509.9	9793.3	9645.7
75°	6129.5	6242.4	6789.3	7700.9	6016.6	5547.8	5730.1	5478.3	5947.2	8065.6	7483.9
77.5°	4358.4	4271.5	4948.7	6025.3	4523.3	4245.5	4262.9	4306.3	4809.8	6798.0	5374.2
80°	2969.2	2995.3	3603.0	4419.1	3550.9	3507.5	3464.1	3811.4	4037.1	5382.8	3906.9
82.5°	1762.4	1762.4	2431.0	3142.9	2804.3	3160.2	2960.6	3273.1	3160.2	3959.0	2561.2
85°	824.8	824.8	1250.2	2266.0	2170.5	2604.6	2213.9	2474.4	2335.5	2760.9	1154.7
87.5°	138.9	121.5	251.8	1111.3	894.2	1015.8	399.4	1319.7	1467.3	1927.4	286.5
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°	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0
2.5°	6450.7	6390.0	6268.4	6112.1	5981.9	5816.9	5764.9	5652.0	5495.7	5478.3	5408.9
5°	6077.4	5869.0	5608.6	5287.3	5070.3	4844.6	4653.6	4540.7	4410.5	4393.1	4358.4
7.5°	5669.3	5408.9	4974.8	4592.8	4219.5	3863.5	3689.9	3472.8	3325.2	3212.3	3160.2
10°	5287.3	5044.2	4506.0	3985.0	3655.1	3420.7	3212.3	2986.6	2804.3	2665.4	2613.3
12.5°	5035.6	4749.1	4167.4	3672.5	3429.4	3160.2	2925.8	2682.7	2448.3	2266.0	2170.5
15°	4922.7	4653.6	4063.2	3516.2	3160.2	2786.9	2517.8	2274.7	1988.2	1857.9	1814.5
17.5°	5191.8	4792.5	4028.5	3333.9	2830.3	2404.9	2075.0	1814.5	1606.2	1475.9	1423.8
20°	5539.1	5044.2	4089.2	3116.8	2517.8	2040.3	1675.6	1397.8	1258.9	1163.4	1154.7
22.5°	5981.9	5417.6	4184.7	2960.6	2170.5	1640.9	1311.0	1146.0	1050.5	1041.8	1024.5
25°	6772.0	6094.8	4341.0	2752.2	1892.7	1354.4	1120.0	1024.5	981.1	955.0	972.4
27.5°	7449.2	6537.5	4453.9	2622.0	1779.8	1276.3	1085.3	981.1	937.7	929.0	937.7
30°	7848.5	6945.6	4419.1	2378.9	1554.1	1215.5	1154.7	1120.0	1033.2	963.7	963.7
32.5°	8213.2	7206.1	4410.5	2161.8	1328.3	1015.8	963.7	937.7	989.7	1024.5	998.4
35°	8716.7	7614.1	4384.4	2040.3	1232.8	937.7	850.8	781.4	746.7	729.3	755.3
37.5°	9255.0	7891.9	4315.0	2022.9	1180.8	894.2	824.8	755.3	720.6	703.2	694.6
40°	9845.4	8187.1	4236.8	1936.1	1154.7	868.2	798.7	738.0	694.6	668.5	659.8
42.5°	10227.4	8421.5	4158.7	1892.7	1102.6	850.8	772.7	720.6	677.2	642.5	642.5
45°	10444.5	8699.4	4080.5	1849.3	1041.8	859.5	772.7	703.2	651.2	633.8	616.4
47.5°	10540.0	8907.7	4054.5	1779.8	989.7	824.8	755.3	685.9	633.8	599.1	590.4
50°	10791.7	9350.5	4150.0	1727.7	929.0	790.1	798.7	677.2	625.1	581.7	573.0
52.5°	10939.3	9706.5	4358.4	1649.6	885.6	746.7	781.4	659.8	599.1	555.6	555.6
55°	11477.6	10296.9	4584.1	1588.8	833.5	685.9	720.6	625.1	555.6	529.6	529.6
57.5°	12163.5	10922.0	4775.1	1562.8	798.7	642.5	642.5	607.7	529.6	494.9	486.2
60°	12641.0	11434.2	4888.0	1545.4	764.0	599.1	573.0	607.7	503.6	468.8	460.1
62.5°	12693.1	11139.0	4775.1	1536.7	755.3	555.6	520.9	581.7	477.5	442.8	425.4
65°	12363.2	10540.0	4462.6	1502.0	746.7	512.2	486.2	503.6	442.8	416.7	399.4
67.5°	11703.3	9567.6	4011.1	1484.6	738.0	477.5	442.8	434.1	408.1	382.0	364.6
70°	10166.6	8300.0	3481.5	1406.5	720.6	451.5	399.4	390.7	364.6	347.3	338.6
72.5°	8534.4	6789.3	2873.7	1302.3	685.9	408.1	364.6	347.3	338.6	312.6	303.9
75°	6537.5	5226.6	2300.7	1154.7	599.1	364.6	321.2	303.9	295.2	277.8	269.1
77.5°	4592.8	3889.5	1701.7	937.7	503.6	329.9	286.5	269.1	260.5	234.4	234.4
80°	3116.8	2726.1	1154.7	651.2	390.7	269.1	251.8	234.4	217.1	199.7	199.7
82.5°	1936.1	1910.0	833.5	425.4	286.5	217.1	199.7	199.7	173.6	156.3	156.3
85°	885.6	1172.1	581.7	295.2	217.1	165.0	165.0	156.3	138.9	112.9	112.9
87.5°	277.8	390.7	303.9	130.2	121.5	95.5	95.5	86.8	86.8	69.5	69.5
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°	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0
2.5°	5478.3	5469.7	5469.7	5434.9	5521.8	5521.8	5573.8	5530.4	5556.5	5565.2	5634.6
5°	4349.7	4419.1	4471.2	4575.4	4636.2	4662.2	4662.2	4731.7	4705.6	4757.7	4861.9
7.5°	3186.3	3273.1	3429.4	3559.6	3663.8	3698.5	3689.9	3707.2	3733.3	3672.5	3689.9
10°	2578.6	2517.8	2569.9	2691.4	2786.9	2899.8	2813.0	2804.3	2830.3	2804.3	2856.4
12.5°	2153.1	2083.7	2040.3	2040.3	2109.7	2161.8	2135.8	2179.2	2274.7	2300.7	2361.5
15°	1745.1	1684.3	1649.6	1606.2	1675.6	1693.0	1719.0	1779.8	1849.3	1884.0	1953.5
17.5°	1397.8	1397.8	1397.8	1363.1	1389.1	1415.2	1423.8	1502.0	1510.7	1545.4	1571.4
20°	1146.0	1172.1	1215.5	1232.8	1258.9	1258.9	1241.5	1284.9	1250.2	1276.3	1293.6
22.5°	1033.2	1067.9	1085.3	1093.9	1128.7	1137.3	1093.9	1102.6	1111.3	1085.3	1093.9
25°	972.4	989.7	972.4	981.1	989.7	972.4	981.1	998.4	989.7	1007.1	998.4
27.5°	946.3	929.0	920.3	911.6	911.6	894.2	902.9	902.9	920.3	929.0	929.0
30°	946.3	920.3	885.6	859.5	859.5	833.5	850.8	868.2	876.9	894.2	894.2
32.5°	972.4	920.3	859.5	833.5	807.4	790.1	807.4	833.5	868.2	876.9	885.6
35°	772.7	798.7	790.1	755.3	746.7	746.7	738.0	738.0	711.9	711.9	703.2
37.5°	694.6	685.9	703.2	711.9	720.6	694.6	694.6	659.8	651.2	659.8	659.8
40°	651.2	651.2	651.2	677.2	685.9	668.5	642.5	625.1	625.1	625.1	633.8
42.5°	633.8	616.4	607.7	625.1	651.2	633.8	607.7	599.1	599.1	607.7	607.7
45°	607.7	599.1	590.4	581.7	616.4	590.4	581.7	573.0	573.0	573.0	581.7
47.5°	581.7	573.0	555.6	555.6	564.3	555.6	547.0	547.0	547.0	564.3	564.3
50°	564.3	555.6	538.3	538.3	538.3	538.3	529.6	529.6	529.6	538.3	547.0
52.5°	538.3	529.6	520.9	512.2	512.2	512.2	512.2	512.2	512.2	520.9	529.6
55°	512.2	503.6	494.9	494.9	503.6	503.6	494.9	503.6	494.9	503.6	512.2
57.5°	486.2	477.5	468.8	477.5	486.2	477.5	477.5	477.5	477.5	477.5	486.2
60°	451.5	451.5	451.5	451.5	468.8	468.8	468.8	468.8	451.5	460.1	468.8
62.5°	434.1	425.4	425.4	434.1	442.8	442.8	451.5	442.8	434.1	442.8	442.8
65°	399.4	399.4	399.4	408.1	408.1	416.7	416.7	416.7	408.1	416.7	416.7
67.5°	373.3	373.3	373.3	373.3	390.7	390.7	390.7	390.7	382.0	382.0	390.7
70°	329.9	338.6	329.9	347.3	364.6	356.0	364.6	364.6	356.0	347.3	364.6
72.5°	303.9	303.9	303.9	303.9	329.9	329.9	329.9	338.6	329.9	321.2	329.9
75°	269.1	269.1	269.1	277.8	295.2	295.2	295.2	295.2	295.2	286.5	286.5
77.5°	234.4	243.1	234.4	243.1	260.5	251.8	260.5	269.1	260.5	251.8	251.8
80°	199.7	199.7	199.7	208.4	217.1	217.1	217.1	225.7	217.1	208.4	208.4
82.5°	156.3	156.3	165.0	165.0	173.6	173.6	173.6	182.3	173.6	165.0	165.0
85°	121.5	121.5	121.5	130.2	130.2	138.9	138.9	147.6	147.6	138.9	138.9
87.5°	78.1	69.5	78.1	78.1	86.8	86.8	78.1	69.5	78.1	69.5	60.8
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°	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0	6251.0
2.5°	5704.1	5860.4	5973.2	6051.4	6164.2	6381.3	6468.1	6624.4	6667.8	6693.8
5°	4905.3	5070.3	5313.4	5487.0	5686.7	6094.8	6407.3	6641.7	6745.9	6841.4
7.5°	3846.1	4063.2	4315.0	4540.7	4870.6	5374.2	5782.2	6268.4	6450.7	6546.2
10°	3004.0	3203.7	3481.5	3759.3	4219.5	4644.9	5226.6	5669.3	5921.1	5990.6
12.5°	2535.1	2769.6	3099.5	3438.1	3724.6	4210.8	4801.1	5443.6	5678.0	5721.4
15°	2153.1	2474.4	2813.0	3160.2	3490.2	3915.6	4549.4	5330.8	5678.0	5721.4
17.5°	1779.8	2066.3	2465.7	2839.0	3221.0	3802.7	4592.8	5426.3	5773.5	5903.8
20°	1415.2	1693.0	2005.5	2474.4	2995.3	3611.7	4688.3	5747.5	6207.6	6346.5
22.5°	1172.1	1293.6	1597.5	2049.0	2665.4	3481.5	4783.8	6251.0	6737.2	6789.3
25°	1024.5	1111.3	1302.3	1727.7	2404.9	3394.7	5009.5	6832.7	7457.8	7457.8
27.5°	955.0	989.7	1120.0	1502.0	2222.6	3316.5	5235.2	7475.2	8056.9	8178.4
30°	937.7	1024.5	1093.9	1337.0	2022.9	3099.5	5443.6	7978.8	8577.8	8586.5
32.5°	920.3	902.9	955.0	1163.4	1779.8	2873.7	5617.3	8491.0	8959.8	8985.9
35°	720.6	755.3	842.2	1024.5	1597.5	2708.8	5704.1	8768.8	9446.0	9472.1
37.5°	677.2	720.6	790.1	946.3	1475.9	2569.9	5730.1	9307.1	9958.3	10010.4
40°	659.8	694.6	746.7	876.9	1380.4	2396.2	5782.2	9862.8	10713.6	10644.1
42.5°	625.1	668.5	720.6	842.2	1302.3	2266.0	5790.9	10166.6	11113.0	11113.0
45°	616.4	642.5	703.2	842.2	1215.5	2153.1	5652.0	10470.5	11573.1	11434.2
47.5°	581.7	633.8	685.9	816.1	1111.3	2040.3	5487.0	10626.8	11633.9	11590.5
50°	573.0	625.1	711.9	772.7	1050.5	1988.2	5452.3	11017.5	11755.4	11746.8
52.5°	555.6	607.7	738.0	738.0	972.4	1918.7	5617.3	11191.1	11781.5	11850.9
55°	529.6	607.7	685.9	677.2	902.9	1831.9	5799.6	11642.6	12241.6	12224.3
57.5°	512.2	590.4	651.2	616.4	824.8	1771.1	6068.7	12076.7	12797.3	12675.7
60°	486.2	590.4	581.7	573.0	764.0	1719.0	6294.5	12163.5	12918.8	12997.0
62.5°	468.8	616.4	512.2	529.6	711.9	1693.0	6199.0	11512.3	12753.9	12823.3
65°	451.5	529.6	468.8	486.2	694.6	1640.9	5825.6	10731.0	12041.9	12345.8
67.5°	416.7	434.1	434.1	451.5	677.2	1519.4	5061.6	9324.5	10956.7	11121.6
70°	382.0	390.7	390.7	416.7	659.8	1380.4	4176.0	8065.6	9506.8	9819.3
72.5°	347.3	347.3	347.3	382.0	607.7	1267.6	3438.1	6199.0	7900.6	8117.7
75°	303.9	303.9	303.9	338.6	547.0	1154.7	2708.8	4610.1	5816.9	6129.5
77.5°	269.1	269.1	260.5	303.9	477.5	937.7	1953.5	3255.8	4097.9	4358.4
80°	225.7	217.1	217.1	243.1	373.3	677.2	1258.9	2300.7	2856.4	2969.2
82.5°	182.3	173.6	165.0	182.3	269.1	425.4	781.4	1606.2	1831.9	1762.4
85°	173.6	182.3	147.6	138.9	191.0	277.8	494.9	989.7	824.8	824.8
87.5°	69.5	60.8	60.8	52.1	95.5	104.2	217.1	182.3	138.9	138.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)