

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: P599097

Luminaire Tested: **IFLD-M-SA4C-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599097
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

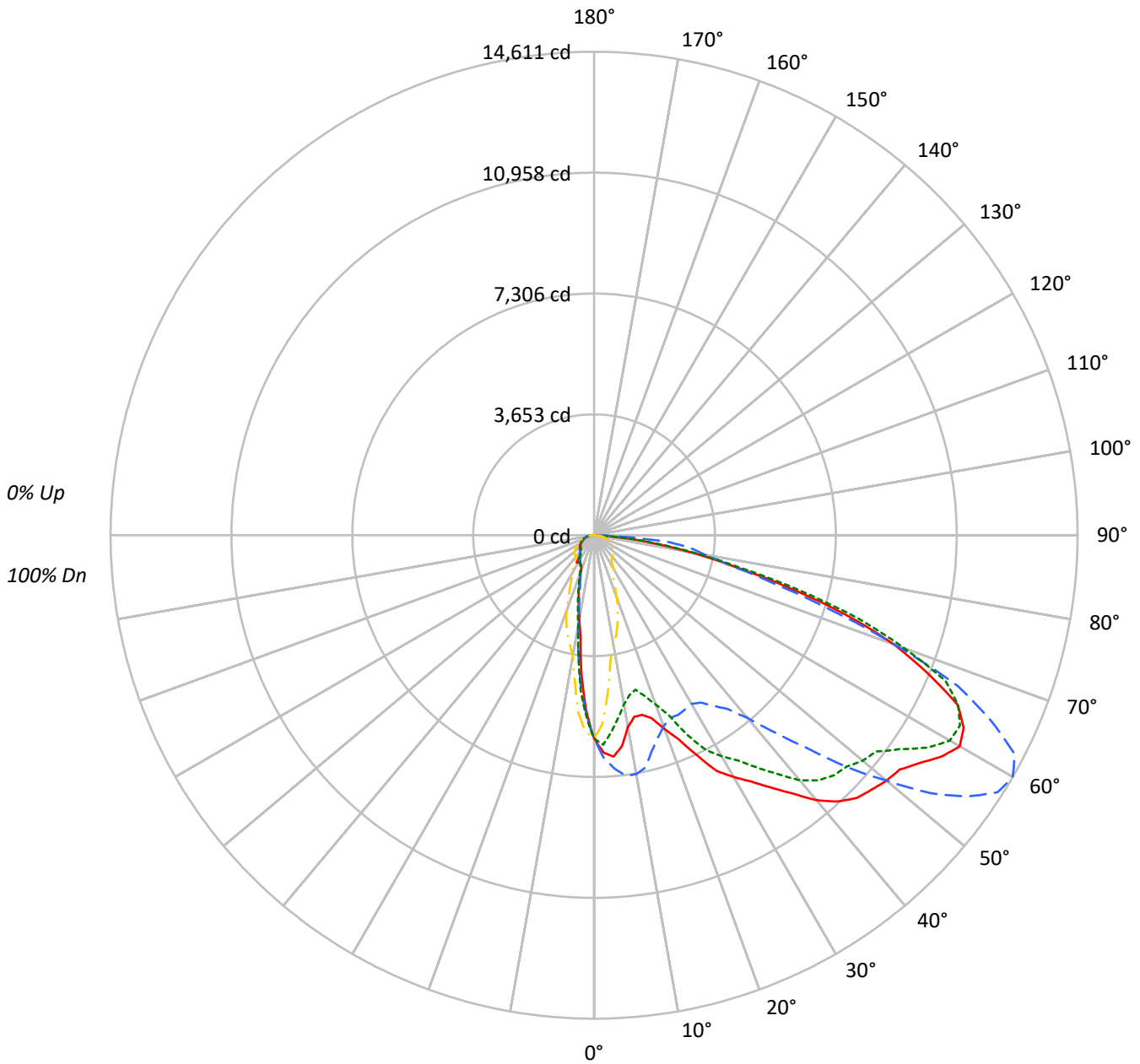
Lumens per Lamp: N/A
 Luminaire Lumens: 19216.7 lumens
 Efficiency: N/A
 Efficacy: 88.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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	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°	66066	66066	66066	66066
5°	72582	64476	46238	50476
10°	64290	56743	28045	30095
15°	62602	53862	19853	20613
20°	71380	62299	12987	14354
25°	86968	78970	11340	11745
30°	104787	95781	11760	10913
35°	122209	112464	9745	9185
40°	146851	135832	9104	8625
45°	170901	156108	9213	8564
50°	193141	177439	9421	8850
55°	225245	211487	9758	9278
60°	274723	267199	9726	9726
65°	308742	309175	9987	10422
70°	303427	314159	10464	10732
75°	250297	266957	10992	11699
80°	180717	189699	12156	12683
85°	100012	107385	13684	16846

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.8	2.5
10°-20°	1006.7	5.2
20°-30°	1472.9	7.7
30°-40°	2075.3	10.8
40°-50°	2852.1	14.8
50°-60°	3887.0	20.2
60°-70°	4254.2	22.1
70°-80°	2456.1	12.8
80°-90°	735.5	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°	2956.5	15.4
0°-40°	5031.8	26.2
0°-60°	11770.9	61.3
0°-90°	19216.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19216.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6138	6138	6138	6138	6138	
5°	6717	5967	4279	4672	6717	610
15°	5618	4833	1782	1850	5618	1641
25°	7323	6649	955	989	7323	3429
35°	9300	8559	742	699	9300	5897
45°	11227	10255	605	563	11227	8629
55°	12003	11270	520	494	12003	10830
65°	12122	12139	392	409	12122	11602
75°	6018	6419	264	281	6018	6465
85°	810	870	111	136	810	1124
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°	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7
2.5°	6572.5	6546.9	6572.5	6666.2	6691.8	6734.4	6734.4	6674.7	6563.9	6512.8	6427.5
5°	6717.4	6674.7	6887.9	7083.9	7237.4	7220.3	7075.4	6956.1	6734.4	6402.0	6086.6
7.5°	6427.5	6470.2	6623.6	7135.1	7493.1	7561.3	7331.1	7092.5	6615.1	6154.7	5728.5
10°	5882.0	5941.6	6274.1	6802.6	7365.2	7476.1	7331.1	7041.3	6470.2	5899.0	5404.6
12.5°	5617.7	5754.1	5950.2	6589.5	6990.2	7254.4	7186.2	6998.7	6359.3	5685.9	5208.5
15°	5617.7	5651.8	5941.6	6478.7	6708.8	6717.4	6742.9	6777.0	6393.4	5779.7	5140.3
17.5°	5796.7	5890.5	6137.7	6470.2	6512.8	6410.5	6410.5	6555.4	6461.6	6043.9	5387.5
20°	6231.5	6197.4	6521.3	6657.7	6427.5	6171.8	6146.2	6393.4	6538.4	6325.2	5839.3
22.5°	6666.2	6819.7	7083.9	6777.0	6350.8	6009.8	5975.7	6282.6	6768.5	6811.1	6359.3
25°	7322.6	7476.1	7612.5	7237.4	6342.3	5967.2	5992.8	6231.5	7049.8	7501.6	7228.8
27.5°	8030.2	8123.9	8320.0	7740.3	6546.9	5916.1	5941.6	6299.7	7314.1	7953.4	7910.8
30°	8430.8	8533.1	8490.5	7834.1	6683.3	5950.2	5882.0	6393.4	7169.2	7953.4	8354.1
32.5°	8822.9	8763.3	8737.7	7987.5	6853.8	6163.3	5992.8	6589.5	7254.4	8081.3	8925.2
35°	9300.3	9215.1	9146.9	8285.9	7135.1	6367.9	6291.1	6845.2	7442.0	8345.6	9385.6
37.5°	9828.8	9828.8	9496.4	8507.5	7467.5	6700.3	6615.1	7211.8	7740.3	8507.5	10016.4
40°	10451.1	10476.7	9888.5	8805.9	7842.6	7228.8	7203.3	7689.2	8030.2	8746.2	10621.6
42.5°	10911.5	10928.5	10229.5	8916.7	8277.4	7962.0	8072.8	8456.4	8362.6	8959.3	10664.3
45°	11226.9	11141.6	10468.2	9232.1	8754.7	9061.6	9095.7	9206.5	8797.4	9087.2	10834.7
47.5°	11380.3	11363.3	10570.5	9598.7	9760.6	10178.4	10374.4	10221.0	9198.0	8950.8	10834.7
50°	11533.8	11388.8	10664.3	10101.6	10741.0	11584.9	11542.3	11261.0	9752.1	9121.3	10672.8
52.5°	11636.1	11508.2	10851.8	10553.4	11678.7	12633.4	12803.9	12283.9	10400.0	9436.7	10749.5
55°	12002.6	11900.3	11414.4	11167.2	12761.3	13741.6	13767.2	13042.6	11082.0	9956.7	11252.4
57.5°	12445.9	12505.6	12190.2	12036.7	13588.2	14551.5	14457.7	13605.2	11661.6	10587.5	11832.1
60°	12761.3	12855.1	12778.3	12795.4	13997.4	14824.2	14611.1	13954.7	12087.9	11064.9	12539.7
62.5°	12590.8	12778.3	13093.8	13025.6	14014.4	14628.2	14329.8	13494.4	12139.0	11687.2	13076.7
65°	12122.0	12139.0	12752.8	13127.9	13247.2	13613.8	13221.6	12531.1	11610.5	12070.8	13000.0
67.5°	10920.0	11056.4	11610.5	12343.6	11840.6	11925.9	11891.8	10894.4	10809.2	11806.5	12411.8
70°	9641.3	9735.1	10340.3	11201.3	9999.3	9598.7	9675.4	8933.8	9283.3	10988.2	11226.9
72.5°	7970.5	8030.2	8720.6	9479.3	8021.6	7305.6	7484.6	6879.3	7373.8	9615.7	9470.8
75°	6018.4	6129.2	6666.2	7561.3	5907.5	5447.2	5626.2	5379.0	5839.3	7919.3	7348.2
77.5°	4279.3	4194.1	4859.0	5916.1	4441.3	4168.5	4185.6	4228.2	4722.6	6674.7	5276.7
80°	2915.4	2941.0	3537.7	4339.0	3486.6	3443.9	3401.3	3742.3	3963.9	5285.2	3836.1
82.5°	1730.5	1730.5	2386.9	3085.9	2753.4	3102.9	2906.9	3213.8	3102.9	3887.2	2514.8
85°	809.8	809.8	1227.5	2224.9	2131.1	2557.4	2173.8	2429.5	2293.1	2710.8	1133.8
87.5°	136.4	119.3	247.2	1091.1	878.0	997.4	392.1	1295.7	1440.7	1892.5	281.3
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°	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7
2.5°	6333.8	6274.1	6154.7	6001.3	5873.4	5711.5	5660.3	5549.5	5396.1	5379.0	5310.8
5°	5967.2	5762.6	5506.9	5191.5	4978.4	4756.7	4569.2	4458.4	4330.5	4313.4	4279.3
7.5°	5566.6	5310.8	4884.6	4509.5	4142.9	3793.4	3622.9	3409.8	3264.9	3154.1	3102.9
10°	5191.5	4952.8	4424.3	3912.8	3588.8	3358.7	3154.1	2932.5	2753.4	2617.0	2565.9
12.5°	4944.3	4662.9	4091.8	3605.9	3367.2	3102.9	2872.8	2634.1	2403.9	2224.9	2131.1
15°	4833.4	4569.2	3989.5	3452.5	3102.9	2736.4	2472.1	2233.4	1952.1	1824.3	1781.6
17.5°	5097.7	4705.6	3955.4	3273.4	2779.0	2361.3	2037.4	1781.6	1577.0	1449.2	1398.0
20°	5438.7	4952.8	4015.1	3060.3	2472.1	2003.3	1645.2	1372.5	1236.1	1142.3	1133.8
22.5°	5873.4	5319.3	4108.8	2906.9	2131.1	1611.1	1287.2	1125.2	1031.5	1022.9	1005.9
25°	6649.2	5984.3	4262.3	2702.3	1858.4	1329.8	1099.7	1005.9	963.3	937.7	954.8
27.5°	7314.1	6419.0	4373.1	2574.4	1747.5	1253.1	1065.6	963.3	920.7	912.1	920.7
30°	7706.2	6819.7	4339.0	2335.7	1525.9	1193.4	1133.8	1099.7	1014.4	946.2	946.2
32.5°	8064.3	7075.4	4330.5	2122.6	1304.3	997.4	946.2	920.7	971.8	1005.9	980.3
35°	8558.7	7476.1	4304.9	2003.3	1210.5	920.7	835.4	767.2	733.1	716.1	741.6
37.5°	9087.2	7748.8	4236.7	1986.2	1159.3	878.0	809.8	741.6	707.5	690.5	682.0
40°	9666.9	8038.7	4160.0	1901.0	1133.8	852.5	784.3	724.6	682.0	656.4	647.9
42.5°	10042.0	8268.8	4083.3	1858.4	1082.6	835.4	758.7	707.5	664.9	630.8	630.8
45°	10255.1	8541.6	4006.6	1815.7	1022.9	843.9	758.7	690.5	639.3	622.3	605.2
47.5°	10348.8	8746.2	3981.0	1747.5	971.8	809.8	741.6	673.4	622.3	588.2	579.7
50°	10596.1	9181.0	4074.8	1696.4	912.1	775.7	784.3	664.9	613.8	571.1	562.6
52.5°	10741.0	9530.5	4279.3	1619.7	869.5	733.1	767.2	647.9	588.2	545.6	545.6
55°	11269.5	10110.2	4501.0	1560.0	818.4	673.4	707.5	613.8	545.6	520.0	520.0
57.5°	11942.9	10723.9	4688.5	1534.4	784.3	630.8	630.8	596.7	520.0	485.9	477.4
60°	12411.8	11226.9	4799.3	1517.4	750.2	588.2	562.6	596.7	494.4	460.3	451.8
62.5°	12462.9	10937.0	4688.5	1508.9	741.6	545.6	511.5	571.1	468.9	434.8	417.7
65°	12139.0	10348.8	4381.6	1474.8	733.1	503.0	477.4	494.4	434.8	409.2	392.1
67.5°	11491.1	9394.1	3938.4	1457.7	724.6	468.9	434.8	426.2	400.7	375.1	358.0
70°	9982.3	8149.5	3418.4	1381.0	707.5	443.3	392.1	383.6	358.0	341.0	332.5
72.5°	8379.7	6666.2	2821.6	1278.7	673.4	400.7	358.0	341.0	332.5	306.9	298.4
75°	6419.0	5131.8	2259.0	1133.8	588.2	358.0	315.4	298.4	289.8	272.8	264.3
77.5°	4509.5	3819.0	1670.8	920.7	494.4	323.9	281.3	264.3	255.7	230.2	230.2
80°	3060.3	2676.7	1133.8	639.3	383.6	264.3	247.2	230.2	213.1	196.1	196.1
82.5°	1901.0	1875.4	818.4	417.7	281.3	213.1	196.1	196.1	170.5	153.4	153.4
85°	869.5	1150.8	571.1	289.8	213.1	162.0	162.0	153.4	136.4	110.8	110.8
87.5°	272.8	383.6	298.4	127.9	119.3	93.8	93.8	85.2	85.2	68.2	68.2
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°	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7
2.5°	5379.0	5370.5	5370.5	5336.4	5421.6	5421.6	5472.8	5430.2	5455.7	5464.3	5532.5
5°	4270.8	4339.0	4390.2	4492.5	4552.1	4577.7	4577.7	4645.9	4620.3	4671.5	4773.8
7.5°	3128.5	3213.8	3367.2	3495.1	3597.4	3631.5	3622.9	3640.0	3665.6	3605.9	3622.9
10°	2531.8	2472.1	2523.3	2642.6	2736.4	2847.2	2762.0	2753.4	2779.0	2753.4	2804.6
12.5°	2114.1	2045.9	2003.3	2003.3	2071.5	2122.6	2097.0	2139.7	2233.4	2259.0	2318.7
15°	1713.4	1653.8	1619.7	1577.0	1645.2	1662.3	1687.9	1747.5	1815.7	1849.8	1918.0
17.5°	1372.5	1372.5	1372.5	1338.4	1363.9	1389.5	1398.0	1474.8	1483.3	1517.4	1542.9
20°	1125.2	1150.8	1193.4	1210.5	1236.1	1236.1	1219.0	1261.6	1227.5	1253.1	1270.2
22.5°	1014.4	1048.5	1065.6	1074.1	1108.2	1116.7	1074.1	1082.6	1091.1	1065.6	1074.1
25°	954.8	971.8	954.8	963.3	971.8	954.8	963.3	980.3	971.8	988.9	980.3
27.5°	929.2	912.1	903.6	895.1	895.1	878.0	886.6	886.6	903.6	912.1	912.1
30°	929.2	903.6	869.5	843.9	843.9	818.4	835.4	852.5	861.0	878.0	878.0
32.5°	954.8	903.6	843.9	818.4	792.8	775.7	792.8	818.4	852.5	861.0	869.5
35°	758.7	784.3	775.7	741.6	733.1	733.1	724.6	724.6	699.0	699.0	690.5
37.5°	682.0	673.4	690.5	699.0	707.5	682.0	682.0	647.9	639.3	647.9	647.9
40°	639.3	639.3	639.3	664.9	673.4	656.4	630.8	613.8	613.8	613.8	622.3
42.5°	622.3	605.2	596.7	613.8	639.3	622.3	596.7	588.2	588.2	596.7	596.7
45°	596.7	588.2	579.7	571.1	605.2	579.7	571.1	562.6	562.6	562.6	571.1
47.5°	571.1	562.6	545.6	545.6	554.1	545.6	537.0	537.0	537.0	554.1	554.1
50°	554.1	545.6	528.5	528.5	528.5	528.5	520.0	520.0	520.0	528.5	537.0
52.5°	528.5	520.0	511.5	503.0	503.0	503.0	503.0	503.0	503.0	511.5	520.0
55°	503.0	494.4	485.9	485.9	494.4	494.4	485.9	494.4	485.9	494.4	503.0
57.5°	477.4	468.9	460.3	468.9	477.4	468.9	468.9	468.9	468.9	468.9	477.4
60°	443.3	443.3	443.3	443.3	460.3	460.3	460.3	460.3	443.3	451.8	460.3
62.5°	426.2	417.7	417.7	426.2	434.8	434.8	443.3	434.8	426.2	434.8	434.8
65°	392.1	392.1	392.1	400.7	400.7	409.2	409.2	409.2	400.7	409.2	409.2
67.5°	366.6	366.6	366.6	366.6	383.6	383.6	383.6	383.6	375.1	375.1	383.6
70°	323.9	332.5	323.9	341.0	358.0	349.5	358.0	358.0	349.5	341.0	358.0
72.5°	298.4	298.4	298.4	298.4	323.9	323.9	323.9	332.5	323.9	315.4	323.9
75°	264.3	264.3	264.3	272.8	289.8	289.8	289.8	289.8	289.8	281.3	281.3
77.5°	230.2	238.7	230.2	238.7	255.7	247.2	255.7	264.3	255.7	247.2	247.2
80°	196.1	196.1	196.1	204.6	213.1	213.1	213.1	221.6	213.1	204.6	204.6
82.5°	153.4	153.4	162.0	162.0	170.5	170.5	170.5	179.0	170.5	162.0	162.0
85°	119.3	119.3	119.3	127.9	127.9	136.4	136.4	144.9	144.9	136.4	136.4
87.5°	76.7	68.2	76.7	76.7	85.2	85.2	76.7	68.2	76.7	68.2	59.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599097
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7	6137.7
2.5°	5600.7	5754.1	5864.9	5941.6	6052.5	6265.6	6350.8	6504.3	6546.9	6572.5
5°	4816.4	4978.4	5217.0	5387.5	5583.6	5984.3	6291.1	6521.3	6623.6	6717.4
7.5°	3776.4	3989.5	4236.7	4458.4	4782.3	5276.7	5677.4	6154.7	6333.8	6427.5
10°	2949.5	3145.6	3418.4	3691.1	4142.9	4560.7	5131.8	5566.6	5813.8	5882.0
12.5°	2489.2	2719.3	3043.3	3375.7	3657.0	4134.4	4714.1	5344.9	5575.1	5617.7
15°	2114.1	2429.5	2762.0	3102.9	3426.9	3844.6	4466.9	5234.1	5575.1	5617.7
17.5°	1747.5	2028.9	2421.0	2787.5	3162.6	3733.8	4509.5	5327.9	5668.8	5796.7
20°	1389.5	1662.3	1969.2	2429.5	2941.0	3546.2	4603.3	5643.3	6095.1	6231.5
22.5°	1150.8	1270.2	1568.5	2011.8	2617.0	3418.4	4697.0	6137.7	6615.1	6666.2
25°	1005.9	1091.1	1278.7	1696.4	2361.3	3333.1	4918.7	6708.8	7322.6	7322.6
27.5°	937.7	971.8	1099.7	1474.8	2182.3	3256.4	5140.3	7339.7	7910.8	8030.2
30°	920.7	1005.9	1074.1	1312.8	1986.2	3043.3	5344.9	7834.1	8422.3	8430.8
32.5°	903.6	886.6	937.7	1142.3	1747.5	2821.6	5515.4	8337.0	8797.4	8822.9
35°	707.5	741.6	826.9	1005.9	1568.5	2659.7	5600.7	8609.8	9274.7	9300.3
37.5°	664.9	707.5	775.7	929.2	1449.2	2523.3	5626.2	9138.4	9777.7	9828.8
40°	647.9	682.0	733.1	861.0	1355.4	2352.8	5677.4	9683.9	10519.3	10451.1
42.5°	613.8	656.4	707.5	826.9	1278.7	2224.9	5685.9	9982.3	10911.5	10911.5
45°	605.2	630.8	690.5	826.9	1193.4	2114.1	5549.5	10280.6	11363.3	11226.9
47.5°	571.1	622.3	673.4	801.3	1091.1	2003.3	5387.5	10434.1	11422.9	11380.3
50°	562.6	613.8	699.0	758.7	1031.5	1952.1	5353.4	10817.7	11542.3	11533.8
52.5°	545.6	596.7	724.6	724.6	954.8	1883.9	5515.4	10988.2	11567.9	11636.1
55°	520.0	596.7	673.4	664.9	886.6	1798.7	5694.4	11431.5	12019.7	12002.6
57.5°	503.0	579.7	639.3	605.2	809.8	1739.0	5958.7	11857.7	12565.2	12445.9
60°	477.4	579.7	571.1	562.6	750.2	1687.9	6180.3	11942.9	12684.6	12761.3
62.5°	460.3	605.2	503.0	520.0	699.0	1662.3	6086.6	11303.6	12522.6	12590.8
65°	443.3	520.0	460.3	477.4	682.0	1611.1	5720.0	10536.4	11823.6	12122.0
67.5°	409.2	426.2	426.2	443.3	664.9	1491.8	4969.8	9155.4	10758.0	10920.0
70°	375.1	383.6	383.6	409.2	647.9	1355.4	4100.3	7919.3	9334.4	9641.3
72.5°	341.0	341.0	341.0	375.1	596.7	1244.6	3375.7	6086.6	7757.4	7970.5
75°	298.4	298.4	298.4	332.5	537.0	1133.8	2659.7	4526.6	5711.5	6018.4
77.5°	264.3	264.3	255.7	298.4	468.9	920.7	1918.0	3196.7	4023.6	4279.3
80°	221.6	213.1	213.1	238.7	366.6	664.9	1236.1	2259.0	2804.6	2915.4
82.5°	179.0	170.5	162.0	179.0	264.3	417.7	767.2	1577.0	1798.7	1730.5
85°	170.5	179.0	144.9	136.4	187.5	272.8	485.9	971.8	809.8	809.8
87.5°	68.2	59.7	59.7	51.1	93.8	102.3	213.1	179.0	136.4	136.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)