

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: P599081

Luminaire Tested: **IFLD-S-SA2B-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: P599081
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

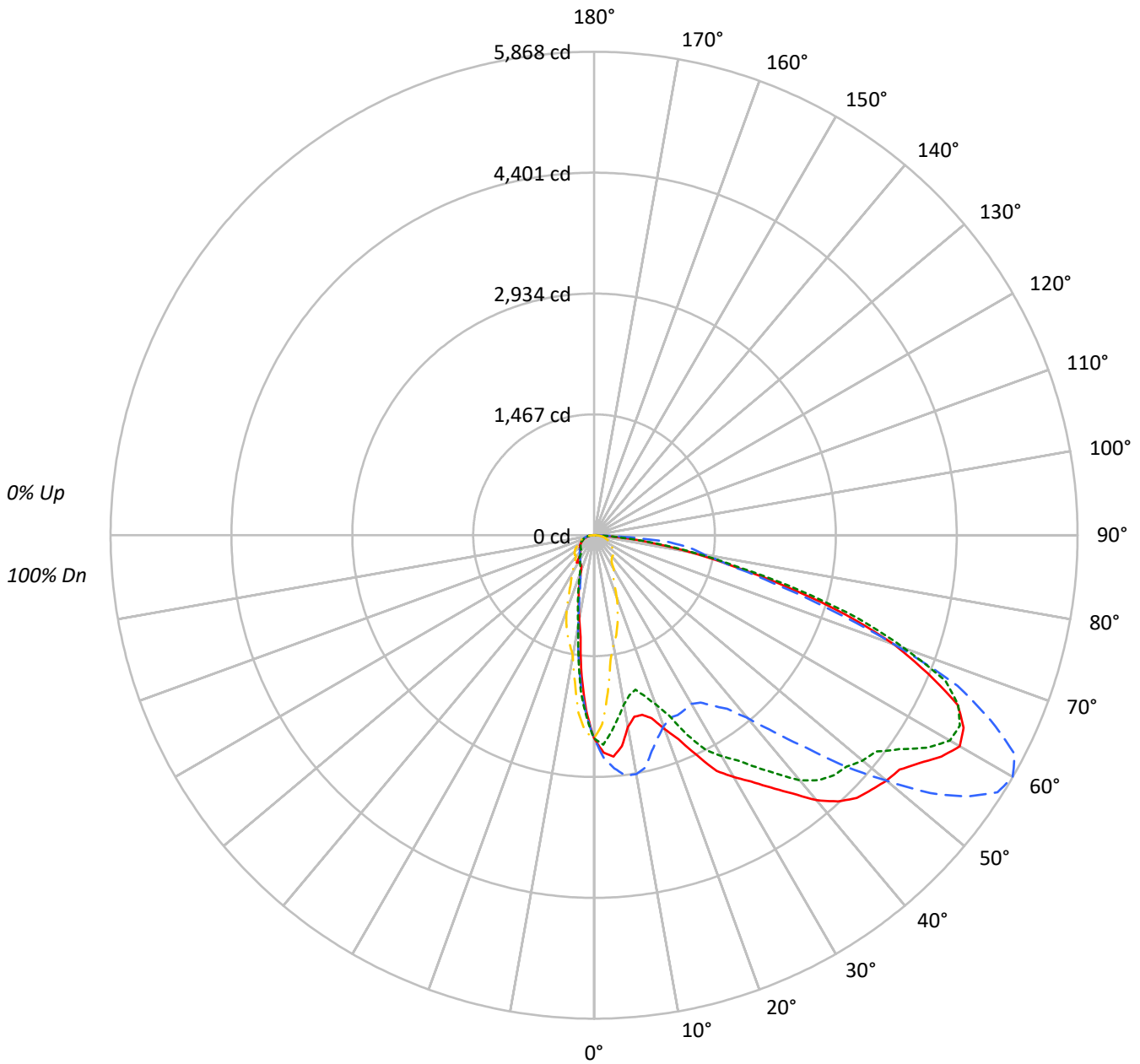
Lumens per Lamp: N/A
 Luminaire Lumens: 7717.2 lumens
 Efficiency: N/A
 Efficacy: 93.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 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°	53062	53062	53062	53062
5°	58295	51784	37137	40540
10°	51635	45574	22524	24171
15°	50280	43260	15947	16557
20°	57331	50037	10431	11528
25°	69851	63426	9107	9432
30°	84162	76929	9446	8765
35°	98156	90327	7826	7377
40°	117947	109097	7312	6927
45°	137264	125381	7401	6878
50°	155125	142512	7566	7107
55°	180911	169861	7837	7454
60°	220652	214607	7810	7810
65°	247972	248323	8023	8369
70°	243703	252320	8403	8617
75°	201031	214414	8825	9399
80°	145149	152364	9757	10191
85°	80326	86254	10992	13536

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.5	2.5
10°-20°	404.3	5.2
20°-30°	591.5	7.7
30°-40°	833.4	10.8
40°-50°	1145.4	14.8
50°-60°	1561.0	20.2
60°-70°	1708.4	22.1
70°-80°	986.3	12.8
80°-90°	295.4	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°	1187.3	15.4
0°-40°	2020.7	26.2
0°-60°	4727.0	61.3
0°-90°	7717.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7717.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2465	2465	2465	2465	2465	
5°	2698	2396	1718	1876	2698	245
15°	2256	1941	716	743	2256	659
25°	2941	2670	383	397	2941	1377
35°	3735	3437	298	281	3735	2368
45°	4509	4118	243	226	4509	3465
55°	4820	4526	209	199	4820	4349
65°	4868	4875	158	164	4868	4659
75°	2417	2578	106	113	2417	2596
85°	325	349	44	55	325	451
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°	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8
2.5°	2639.4	2629.1	2639.4	2677.1	2687.3	2704.5	2704.5	2680.5	2636.0	2615.4	2581.2
5°	2697.6	2680.5	2766.1	2844.8	2906.4	2899.6	2841.4	2793.5	2704.5	2570.9	2444.3
7.5°	2581.2	2598.3	2659.9	2865.3	3009.1	3036.5	2944.1	2848.2	2656.5	2471.7	2300.5
10°	2362.1	2386.1	2519.6	2731.8	2957.8	3002.3	2944.1	2827.7	2598.3	2369.0	2170.4
12.5°	2256.0	2310.8	2389.5	2646.3	2807.2	2913.3	2885.9	2810.6	2553.8	2283.4	2091.7
15°	2256.0	2269.7	2386.1	2601.7	2694.2	2697.6	2707.9	2721.6	2567.5	2321.0	2064.3
17.5°	2327.9	2365.5	2464.8	2598.3	2615.4	2574.4	2574.4	2632.6	2594.9	2427.2	2163.6
20°	2502.5	2488.8	2618.9	2673.6	2581.2	2478.5	2468.2	2567.5	2625.7	2540.1	2345.0
22.5°	2677.1	2738.7	2844.8	2721.6	2550.4	2413.5	2399.8	2523.0	2718.1	2735.3	2553.8
25°	2940.7	3002.3	3057.1	2906.4	2547.0	2396.3	2406.6	2502.5	2831.1	3012.6	2903.0
27.5°	3224.8	3262.5	3341.2	3108.4	2629.1	2375.8	2386.1	2529.9	2937.2	3194.0	3176.9
30°	3385.7	3426.8	3409.7	3146.1	2683.9	2389.5	2362.1	2567.5	2879.0	3194.0	3354.9
32.5°	3543.2	3519.2	3508.9	3207.7	2752.4	2475.1	2406.6	2646.3	2913.3	3245.3	3584.3
35°	3734.9	3700.6	3673.3	3327.5	2865.3	2557.2	2526.4	2749.0	2988.6	3351.5	3769.1
37.5°	3947.1	3947.1	3813.6	3416.5	2998.9	2690.8	2656.5	2896.2	3108.4	3416.5	4022.4
40°	4197.0	4207.3	3971.1	3536.3	3149.5	2903.0	2892.7	3087.9	3224.8	3512.4	4265.5
42.5°	4381.9	4388.7	4108.0	3580.8	3324.1	3197.4	3241.9	3396.0	3358.3	3597.9	4282.6
45°	4508.6	4474.3	4203.9	3707.5	3515.8	3639.0	3652.7	3697.2	3532.9	3649.3	4351.1
47.5°	4570.2	4563.3	4245.0	3854.7	3919.7	4087.5	4166.2	4104.6	3693.8	3594.5	4351.1
50°	4631.8	4573.6	4282.6	4056.7	4313.4	4652.3	4635.2	4522.3	3916.3	3663.0	4286.0
52.5°	4672.9	4621.5	4357.9	4238.1	4690.0	5073.4	5141.9	4933.1	4176.5	3789.7	4316.8
55°	4820.1	4779.0	4583.9	4484.6	5124.8	5518.4	5528.7	5237.7	4450.4	3998.5	4518.8
57.5°	4998.1	5022.1	4895.4	4833.8	5456.8	5843.7	5806.0	5463.7	4683.1	4251.8	4751.6
60°	5124.8	5162.4	5131.6	5138.5	5621.1	5953.2	5867.6	5604.0	4854.3	4443.5	5035.8
62.5°	5056.3	5131.6	5258.3	5230.9	5628.0	5874.5	5754.7	5419.2	4874.9	4693.4	5251.4
65°	4868.0	4874.9	5121.3	5272.0	5319.9	5467.1	5309.6	5032.3	4662.6	4847.5	5220.6
67.5°	4385.3	4440.1	4662.6	4957.0	4755.0	4789.3	4775.6	4375.0	4340.8	4741.3	4984.4
70°	3871.8	3909.5	4152.5	4498.3	4015.6	3854.7	3885.5	3587.7	3728.0	4412.7	4508.6
72.5°	3200.8	3224.8	3502.1	3806.8	3221.4	2933.8	3005.7	2762.6	2961.2	3861.5	3803.3
75°	2416.9	2461.4	2677.1	3036.5	2372.4	2187.5	2259.4	2160.1	2345.0	3180.3	2950.9
77.5°	1718.5	1684.3	1951.3	2375.8	1783.6	1674.0	1680.9	1698.0	1896.5	2680.5	2119.1
80°	1170.8	1181.1	1420.7	1742.5	1400.2	1383.0	1365.9	1502.9	1591.9	2122.5	1540.5
82.5°	694.9	694.9	958.5	1239.3	1105.7	1246.1	1167.4	1290.6	1246.1	1561.0	1009.9
85°	325.2	325.2	493.0	893.5	855.8	1027.0	873.0	975.7	920.9	1088.6	455.3
87.5°	54.8	47.9	99.3	438.2	352.6	400.5	157.5	520.3	578.5	760.0	113.0
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°	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8
2.5°	2543.6	2519.6	2471.7	2410.0	2358.7	2293.6	2273.1	2228.6	2167.0	2160.1	2132.7
5°	2396.3	2314.2	2211.5	2084.8	1999.2	1910.2	1834.9	1790.4	1739.1	1732.2	1718.5
7.5°	2235.5	2132.7	1961.6	1811.0	1663.8	1523.4	1454.9	1369.3	1311.1	1266.6	1246.1
10°	2084.8	1989.0	1776.7	1571.3	1441.2	1348.8	1266.6	1177.6	1105.7	1051.0	1030.4
12.5°	1985.5	1872.6	1643.2	1448.1	1352.2	1246.1	1153.7	1057.8	965.4	893.5	855.8
15°	1941.0	1834.9	1602.1	1386.5	1246.1	1098.9	992.8	896.9	783.9	732.6	715.5
17.5°	2047.2	1889.7	1588.4	1314.6	1116.0	948.3	818.2	715.5	633.3	582.0	561.4
20°	2184.1	1989.0	1612.4	1229.0	992.8	804.5	660.7	551.2	496.4	458.7	455.3
22.5°	2358.7	2136.2	1650.1	1167.4	855.8	647.0	516.9	451.9	414.2	410.8	404.0
25°	2670.2	2403.2	1711.7	1085.2	746.3	534.0	441.6	404.0	386.8	376.6	383.4
27.5°	2937.2	2577.8	1756.2	1033.9	701.8	503.2	427.9	386.8	369.7	366.3	369.7
30°	3094.7	2738.7	1742.5	938.0	612.8	479.3	455.3	441.6	407.4	380.0	380.0
32.5°	3238.5	2841.4	1739.1	852.4	523.8	400.5	380.0	369.7	390.3	404.0	393.7
35°	3437.0	3002.3	1728.8	804.5	486.1	369.7	335.5	308.1	294.4	287.6	297.8
37.5°	3649.3	3111.8	1701.4	797.6	465.6	352.6	325.2	297.8	284.1	277.3	273.9
40°	3882.1	3228.2	1670.6	763.4	455.3	342.3	314.9	291.0	273.9	263.6	260.2
42.5°	4032.7	3320.7	1639.8	746.3	434.8	335.5	304.7	284.1	267.0	253.3	253.3
45°	4118.3	3430.2	1609.0	729.2	410.8	338.9	304.7	277.3	256.8	249.9	243.1
47.5°	4156.0	3512.4	1598.7	701.8	390.3	325.2	297.8	270.4	249.9	236.2	232.8
50°	4255.2	3687.0	1636.4	681.2	366.3	311.5	314.9	267.0	246.5	229.4	225.9
52.5°	4313.4	3827.3	1718.5	650.4	349.2	294.4	308.1	260.2	236.2	219.1	219.1
55°	4525.7	4060.1	1807.5	626.5	328.6	270.4	284.1	246.5	219.1	208.8	208.8
57.5°	4796.1	4306.6	1882.8	616.2	314.9	253.3	253.3	239.6	208.8	195.1	191.7
60°	4984.4	4508.6	1927.3	609.4	301.3	236.2	225.9	239.6	198.6	184.9	181.4
62.5°	5004.9	4392.2	1882.8	605.9	297.8	219.1	205.4	229.4	188.3	174.6	167.7
65°	4874.9	4156.0	1759.6	592.2	294.4	202.0	191.7	198.6	174.6	164.3	157.5
67.5°	4614.7	3772.5	1581.6	585.4	291.0	188.3	174.6	171.2	160.9	150.6	143.8
70°	4008.7	3272.7	1372.8	554.6	284.1	178.0	157.5	154.1	143.8	136.9	133.5
72.5°	3365.2	2677.1	1133.1	513.5	270.4	160.9	143.8	136.9	133.5	123.2	119.8
75°	2577.8	2060.9	907.2	455.3	236.2	143.8	126.7	119.8	116.4	109.5	106.1
77.5°	1811.0	1533.7	671.0	369.7	198.6	130.1	113.0	106.1	102.7	92.4	92.4
80°	1229.0	1074.9	455.3	256.8	154.1	106.1	99.3	92.4	85.6	78.7	78.7
82.5°	763.4	753.1	328.6	167.7	113.0	85.6	78.7	78.7	68.5	61.6	61.6
85°	349.2	462.2	229.4	116.4	85.6	65.0	65.0	61.6	54.8	44.5	44.5
87.5°	109.5	154.1	119.8	51.4	47.9	37.7	37.7	34.2	34.2	27.4	27.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8
2.5°	2160.1	2156.7	2156.7	2143.0	2177.3	2177.3	2197.8	2180.7	2190.9	2194.4	2221.8
5°	1715.1	1742.5	1763.0	1804.1	1828.1	1838.3	1838.3	1865.7	1855.5	1876.0	1917.1
7.5°	1256.4	1290.6	1352.2	1403.6	1444.7	1458.3	1454.9	1461.8	1472.0	1448.1	1454.9
10°	1016.7	992.8	1013.3	1061.2	1098.9	1143.4	1109.2	1105.7	1116.0	1105.7	1126.3
12.5°	849.0	821.6	804.5	804.5	831.9	852.4	842.1	859.3	896.9	907.2	931.2
15°	688.1	664.1	650.4	633.3	660.7	667.6	677.8	701.8	729.2	742.9	770.3
17.5°	551.2	551.2	551.2	537.5	547.7	558.0	561.4	592.2	595.7	609.4	619.6
20°	451.9	462.2	479.3	486.1	496.4	496.4	489.5	506.7	493.0	503.2	510.1
22.5°	407.4	421.1	427.9	431.3	445.0	448.5	431.3	434.8	438.2	427.9	431.3
25°	383.4	390.3	383.4	386.8	390.3	383.4	386.8	393.7	390.3	397.1	393.7
27.5°	373.1	366.3	362.9	359.5	359.5	352.6	356.0	356.0	362.9	366.3	366.3
30°	373.1	362.9	349.2	338.9	338.9	328.6	335.5	342.3	345.8	352.6	352.6
32.5°	383.4	362.9	338.9	328.6	318.4	311.5	318.4	328.6	342.3	345.8	349.2
35°	304.7	314.9	311.5	297.8	294.4	294.4	291.0	291.0	280.7	280.7	277.3
37.5°	273.9	270.4	277.3	280.7	284.1	273.9	273.9	260.2	256.8	260.2	260.2
40°	256.8	256.8	256.8	267.0	270.4	263.6	253.3	246.5	246.5	246.5	249.9
42.5°	249.9	243.1	239.6	246.5	256.8	249.9	239.6	236.2	236.2	239.6	239.6
45°	239.6	236.2	232.8	229.4	243.1	232.8	229.4	225.9	225.9	225.9	229.4
47.5°	229.4	225.9	219.1	219.1	222.5	219.1	215.7	215.7	215.7	222.5	222.5
50°	222.5	219.1	212.2	212.2	212.2	212.2	208.8	208.8	208.8	212.2	215.7
52.5°	212.2	208.8	205.4	202.0	202.0	202.0	202.0	202.0	202.0	205.4	208.8
55°	202.0	198.6	195.1	195.1	198.6	198.6	195.1	198.6	195.1	198.6	202.0
57.5°	191.7	188.3	184.9	188.3	191.7	188.3	188.3	188.3	188.3	188.3	191.7
60°	178.0	178.0	178.0	178.0	184.9	184.9	184.9	184.9	178.0	181.4	184.9
62.5°	171.2	167.7	167.7	171.2	174.6	174.6	178.0	174.6	171.2	174.6	174.6
65°	157.5	157.5	157.5	160.9	160.9	164.3	164.3	164.3	160.9	164.3	164.3
67.5°	147.2	147.2	147.2	147.2	154.1	154.1	154.1	154.1	150.6	150.6	154.1
70°	130.1	133.5	130.1	136.9	143.8	140.4	143.8	143.8	140.4	136.9	143.8
72.5°	119.8	119.8	119.8	119.8	130.1	130.1	130.1	133.5	130.1	126.7	130.1
75°	106.1	106.1	106.1	109.5	116.4	116.4	116.4	116.4	116.4	113.0	113.0
77.5°	92.4	95.9	92.4	95.9	102.7	99.3	102.7	106.1	102.7	99.3	99.3
80°	78.7	78.7	78.7	82.2	85.6	85.6	85.6	89.0	85.6	82.2	82.2
82.5°	61.6	61.6	65.0	65.0	68.5	68.5	68.5	71.9	68.5	65.0	65.0
85°	47.9	47.9	47.9	51.4	51.4	54.8	54.8	58.2	58.2	54.8	54.8
87.5°	30.8	27.4	30.8	30.8	34.2	34.2	30.8	27.4	30.8	27.4	24.0
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: P599081
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8	2464.8
2.5°	2249.1	2310.8	2355.3	2386.1	2430.6	2516.2	2550.4	2612.0	2629.1	2639.4
5°	1934.2	1999.2	2095.1	2163.6	2242.3	2403.2	2526.4	2618.9	2659.9	2697.6
7.5°	1516.5	1602.1	1701.4	1790.4	1920.5	2119.1	2280.0	2471.7	2543.6	2581.2
10°	1184.5	1263.2	1372.8	1482.3	1663.8	1831.5	2060.9	2235.5	2334.7	2362.1
12.5°	999.6	1092.1	1222.1	1355.6	1468.6	1660.3	1893.1	2146.4	2238.9	2256.0
15°	849.0	975.7	1109.2	1246.1	1376.2	1543.9	1793.8	2101.9	2238.9	2256.0
17.5°	701.8	814.8	972.2	1119.4	1270.1	1499.4	1811.0	2139.6	2276.5	2327.9
20°	558.0	667.6	790.8	975.7	1181.1	1424.1	1848.6	2266.3	2447.7	2502.5
22.5°	462.2	510.1	629.9	807.9	1051.0	1372.8	1886.3	2464.8	2656.5	2677.1
25°	404.0	438.2	513.5	681.2	948.3	1338.5	1975.3	2694.2	2940.7	2940.7
27.5°	376.6	390.3	441.6	592.2	876.4	1307.7	2064.3	2947.5	3176.9	3224.8
30°	369.7	404.0	431.3	527.2	797.6	1222.1	2146.4	3146.1	3382.3	3385.7
32.5°	362.9	356.0	376.6	458.7	701.8	1133.1	2214.9	3348.0	3532.9	3543.2
35°	284.1	297.8	332.1	404.0	629.9	1068.1	2249.1	3457.6	3724.6	3734.9
37.5°	267.0	284.1	311.5	373.1	582.0	1013.3	2259.4	3669.8	3926.6	3947.1
40°	260.2	273.9	294.4	345.8	544.3	944.8	2280.0	3888.9	4224.4	4197.0
42.5°	246.5	263.6	284.1	332.1	513.5	893.5	2283.4	4008.7	4381.9	4381.9
45°	243.1	253.3	277.3	332.1	479.3	849.0	2228.6	4128.6	4563.3	4508.6
47.5°	229.4	249.9	270.4	321.8	438.2	804.5	2163.6	4190.2	4587.3	4570.2
50°	225.9	246.5	280.7	304.7	414.2	783.9	2149.9	4344.2	4635.2	4631.8
52.5°	219.1	239.6	291.0	291.0	383.4	756.6	2214.9	4412.7	4645.5	4672.9
55°	208.8	239.6	270.4	267.0	356.0	722.3	2286.8	4590.7	4826.9	4820.1
57.5°	202.0	232.8	256.8	243.1	325.2	698.4	2392.9	4761.9	5046.0	4998.1
60°	191.7	232.8	229.4	225.9	301.3	677.8	2481.9	4796.1	5094.0	5124.8
62.5°	184.9	243.1	202.0	208.8	280.7	667.6	2444.3	4539.4	5028.9	5056.3
65°	178.0	208.8	184.9	191.7	273.9	647.0	2297.1	4231.3	4748.2	4868.0
67.5°	164.3	171.2	171.2	178.0	267.0	599.1	1995.8	3676.7	4320.3	4385.3
70°	150.6	154.1	154.1	164.3	260.2	544.3	1646.6	3180.3	3748.6	3871.8
72.5°	136.9	136.9	136.9	150.6	239.6	499.8	1355.6	2444.3	3115.3	3200.8
75°	119.8	119.8	119.8	133.5	215.7	455.3	1068.1	1817.8	2293.6	2416.9
77.5°	106.1	106.1	102.7	119.8	188.3	369.7	770.3	1283.8	1615.8	1718.5
80°	89.0	85.6	85.6	95.9	147.2	267.0	496.4	907.2	1126.3	1170.8
82.5°	71.9	68.5	65.0	71.9	106.1	167.7	308.1	633.3	722.3	694.9
85°	68.5	71.9	58.2	54.8	75.3	109.5	195.1	390.3	325.2	325.2
87.5°	27.4	24.0	24.0	20.5	37.7	41.1	85.6	71.9	54.8	54.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)