

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: P598646

Luminaire Tested: **IFLD-S-SA2B-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598646
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

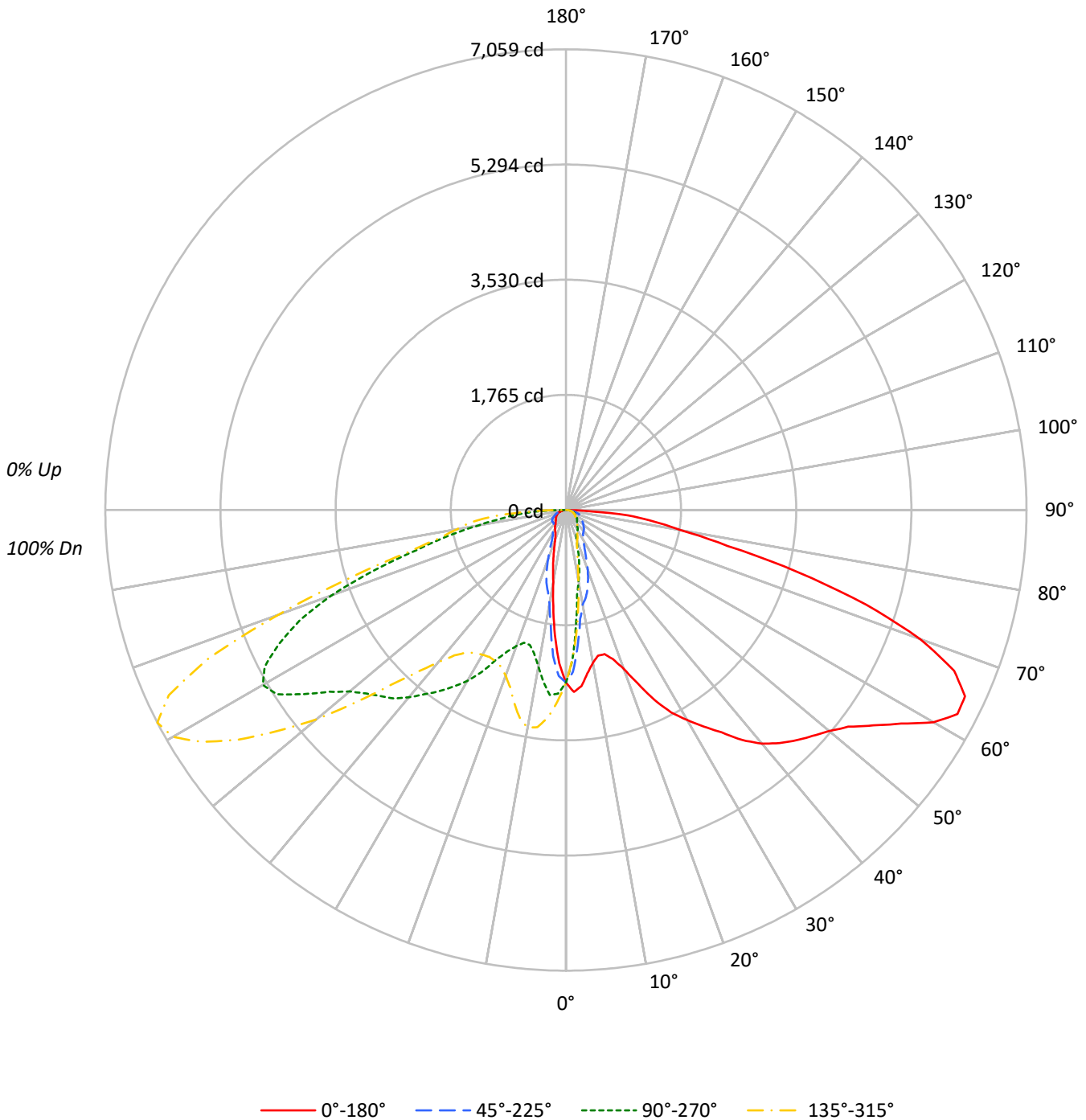
Lumens per Lamp: N/A
 Luminaire Lumens: 8843.5 lumens
 Efficiency: N/A
 Efficacy: 107.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	56870	56870	56870	56870
5°	58527	38057	41576	61485
10°	51924	24184	24426	53137
15°	50960	17152	16245	47661
20°	59248	10850	10935	50772
25°	76196	9316	9052	60025
30°	92341	8830	8278	75141
35°	109293	7779	7487	89068
40°	131321	7383	6863	105225
45°	151954	7322	6646	122669
50°	176453	7435	6692	144857
55°	215936	7638	6805	184552
60°	280051	7647	7169	230826
65°	343768	7727	7351	247081
70°	363761	8151	7685	240569
75°	306208	8617	7694	196340
80°	222459	10091	7798	169720
85°	235790	14623	6397	176386

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.4	2.3
10°-20°	427.9	4.8
20°-30°	616.6	7.0
30°-40°	887.7	10.0
40°-50°	1260.9	14.3
50°-60°	1812.8	20.5
60°-70°	2094.4	23.7
70°-80°	1185.9	13.4
80°-90°	352.9	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°	1248.9	14.1
0°-40°	2136.6	24.2
0°-60°	5210.3	58.9
0°-90°	8843.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8843.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2642	2642	2642	2642	2642	
5°	2708	1761	1924	2845	2708	246
15°	2286	770	729	2138	2286	672
25°	3208	392	381	2527	3208	1489
35°	4159	296	285	3389	4159	2639
45°	4991	240	218	4029	4991	3865
55°	5753	204	181	4917	5753	5211
65°	6749	152	144	4850	6749	6471
75°	3681	104	92	2360	3681	3906
85°	955	59	26	714	955	951
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°	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7
2.5°	2789.7	2786.0	2763.8	2693.5	2619.5	2549.2	2482.6	2412.3	2375.3	2330.9	2312.4
5°	2708.3	2700.9	2638.0	2482.6	2345.7	2197.7	2071.9	1972.0	1890.6	1809.2	1779.6
7.5°	2523.3	2512.2	2438.2	2223.6	2023.8	1831.4	1679.7	1550.2	1443.0	1394.9	1339.4
10°	2375.3	2356.8	2260.6	2023.8	1764.8	1572.4	1472.5	1383.8	1291.3	1213.6	1132.2
12.5°	2282.8	2260.6	2160.7	1883.2	1631.6	1487.3	1383.8	1283.9	1169.2	1073.0	984.2
15°	2286.5	2260.6	2138.5	1846.2	1598.3	1413.4	1269.1	1132.2	999.0	891.7	791.8
17.5°	2393.8	2360.5	2231.0	1898.0	1572.4	1317.2	1124.8	947.2	795.5	680.8	599.4
20°	2586.2	2564.0	2416.0	1975.7	1546.5	1213.6	976.8	762.2	603.1	514.3	481.0
22.5°	2874.8	2848.9	2689.8	2094.1	1539.1	1121.1	817.7	599.4	484.7	447.7	429.2
25°	3207.8	3159.7	3011.7	2293.9	1553.9	1036.0	688.2	495.8	432.9	407.0	395.9
27.5°	3496.4	3466.8	3300.3	2482.6	1561.3	969.4	599.4	451.4	403.3	381.1	373.7
30°	3714.7	3703.6	3540.8	2689.8	1542.8	888.0	543.9	432.9	403.3	381.1	358.9
32.5°	3933.0	3936.7	3762.8	2848.9	1516.9	817.7	492.1	384.8	355.2	340.4	344.1
35°	4158.7	4177.2	4029.2	3004.3	1461.5	791.8	455.1	358.9	333.0	310.8	299.7
37.5°	4443.5	4491.6	4347.4	3178.2	1406.0	769.6	436.6	340.4	314.5	296.0	281.2
40°	4672.9	4761.7	4676.6	3341.0	1369.0	743.7	421.8	321.9	303.4	281.2	270.1
42.5°	4843.1	4946.7	4917.1	3466.8	1369.0	717.8	407.0	310.8	296.0	270.1	255.3
45°	4991.1	5098.4	5094.7	3596.3	1398.6	703.0	388.5	310.8	288.6	262.7	247.9
47.5°	5124.3	5231.6	5268.6	3759.1	1446.7	695.6	366.3	303.4	288.6	259.0	236.8
50°	5268.6	5387.0	5498.0	4018.1	1505.8	677.1	351.5	292.3	292.3	255.3	229.4
52.5°	5453.6	5586.8	5790.3	4340.0	1565.0	643.8	329.3	284.9	292.3	251.6	222.0
55°	5753.3	5864.3	6130.7	4724.7	1639.0	603.1	310.8	266.4	277.5	240.5	210.9
57.5°	6090.0	6186.2	6408.2	5020.7	1661.2	551.3	284.9	247.9	266.4	229.4	196.1
60°	6504.4	6552.5	6552.5	5105.8	1587.2	503.2	266.4	233.1	240.5	218.3	185.0
62.5°	6767.1	6767.1	6552.5	4950.4	1446.7	462.5	251.6	218.3	210.9	203.5	173.9
65°	6748.6	6719.0	6400.8	4499.0	1283.9	436.6	236.8	199.8	188.7	185.0	162.8
67.5°	6437.8	6386.0	5953.1	3862.7	1113.7	425.5	222.0	181.3	173.9	166.5	148.0
70°	5779.2	5646.0	5113.2	3107.9	947.2	418.1	218.3	166.5	159.1	151.7	136.9
72.5°	4824.6	4654.4	3992.2	2390.1	795.5	392.2	207.2	148.0	144.3	136.9	122.1
75°	3681.4	3366.9	2786.0	1827.7	617.9	340.4	177.6	129.5	129.5	125.8	111.0
77.5°	2538.1	2375.3	1942.4	1350.5	451.4	262.7	144.3	114.7	114.7	118.4	103.6
80°	1794.4	1642.7	1383.8	969.4	284.9	177.6	111.0	96.2	107.3	114.7	96.2
82.5°	1372.7	1261.7	1028.6	706.7	166.5	122.1	85.1	77.7	92.5	99.9	81.4
85°	954.6	821.4	521.7	473.6	96.2	74.0	62.9	62.9	81.4	99.9	74.0
87.5°	270.1	114.7	33.3	140.6	40.7	29.6	22.2	14.8	22.2	22.2	14.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7
2.5°	2293.9	2271.7	2271.7	2264.3	2268.0	2271.7	2268.0	2293.9	2305.0	2319.8	2349.4
5°	1761.1	1790.7	1768.5	1790.7	1820.3	1864.7	1875.8	1909.1	1912.8	1938.7	1923.9
7.5°	1306.1	1302.4	1283.9	1309.8	1391.2	1454.1	1483.6	1502.1	1505.8	1505.8	1487.3
10°	1106.3	1073.0	1039.7	1021.2	1028.6	1095.2	1117.4	1128.5	1121.1	1132.2	1117.4
12.5°	947.2	917.6	869.5	836.2	814.0	832.5	854.7	865.8	873.2	891.7	906.5
15°	769.6	740.0	710.4	691.9	673.4	658.6	677.1	688.2	706.7	721.5	728.9
17.5°	584.6	569.8	555.0	566.1	566.1	558.7	566.1	569.8	577.2	588.3	584.6
20°	473.6	469.9	466.2	484.7	499.5	499.5	506.9	495.8	492.1	481.0	477.3
22.5°	421.8	421.8	425.5	440.3	455.1	462.5	462.5	444.0	425.5	418.1	421.8
25°	392.2	392.2	403.3	407.0	414.4	414.4	418.1	399.6	388.5	377.4	381.1
27.5°	370.0	370.0	373.7	373.7	377.4	377.4	381.1	373.7	358.9	355.2	355.2
30°	355.2	355.2	351.5	351.5	351.5	351.5	355.2	344.1	336.7	333.0	333.0
32.5°	340.4	336.7	333.0	333.0	329.3	329.3	333.0	321.9	318.2	318.2	318.2
35°	296.0	292.3	296.0	303.4	303.4	307.1	307.1	303.4	296.0	288.6	284.9
37.5°	277.5	273.8	273.8	273.8	281.2	284.9	288.6	281.2	270.1	259.0	259.0
40°	262.7	262.7	259.0	259.0	259.0	266.4	273.8	262.7	247.9	244.2	244.2
42.5°	251.6	247.9	244.2	240.5	236.8	247.9	255.3	240.5	233.1	233.1	233.1
45°	240.5	236.8	233.1	229.4	225.7	229.4	236.8	222.0	218.3	218.3	218.3
47.5°	229.4	225.7	218.3	214.6	210.9	210.9	218.3	207.2	203.5	207.2	207.2
50°	222.0	214.6	207.2	203.5	199.8	199.8	199.8	196.1	196.1	196.1	199.8
52.5°	214.6	207.2	196.1	192.4	188.7	188.7	188.7	188.7	185.0	188.7	192.4
55°	203.5	196.1	188.7	185.0	181.3	177.6	181.3	177.6	177.6	181.3	181.3
57.5°	188.7	181.3	173.9	173.9	170.2	170.2	173.9	170.2	170.2	173.9	173.9
60°	177.6	170.2	162.8	162.8	159.1	162.8	166.5	162.8	162.8	162.8	166.5
62.5°	162.8	159.1	151.7	151.7	151.7	151.7	155.4	151.7	155.4	155.4	155.4
65°	151.7	144.3	140.6	140.6	140.6	140.6	148.0	140.6	144.3	144.3	144.3
67.5°	140.6	133.2	129.5	129.5	129.5	129.5	136.9	129.5	133.2	136.9	133.2
70°	129.5	122.1	118.4	118.4	118.4	118.4	122.1	118.4	118.4	122.1	122.1
72.5°	114.7	111.0	107.3	107.3	103.6	107.3	111.0	107.3	107.3	107.3	107.3
75°	103.6	99.9	99.9	96.2	96.2	96.2	99.9	92.5	92.5	92.5	92.5
77.5°	96.2	88.8	88.8	88.8	85.1	88.8	85.1	77.7	77.7	77.7	77.7
80°	81.4	74.0	77.7	77.7	74.0	74.0	70.3	62.9	62.9	62.9	62.9
82.5°	66.6	59.2	62.9	62.9	62.9	62.9	55.5	51.8	48.1	44.4	44.4
85°	59.2	48.1	55.5	55.5	51.8	51.8	37.0	37.0	29.6	29.6	25.9
87.5°	11.1	7.4	14.8	18.5	18.5	22.2	14.8	18.5	11.1	7.4	7.4
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°	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7
2.5°	2345.7	2386.4	2441.9	2482.6	2545.5	2593.6	2667.6	2730.5	2789.7	2815.6	2841.5
5°	1968.3	1994.2	2079.3	2145.9	2245.8	2353.1	2486.3	2630.6	2778.6	2845.2	2922.9
7.5°	1472.5	1520.6	1568.7	1664.9	1787.0	1960.9	2131.1	2345.7	2552.9	2652.8	2786.0
10°	1143.3	1180.3	1235.8	1335.7	1450.4	1594.6	1798.1	2053.4	2301.3	2430.8	2567.7
12.5°	917.6	969.4	1043.4	1147.0	1280.2	1428.2	1576.1	1812.9	2101.5	2249.5	2404.9
15°	743.7	784.4	865.8	995.3	1150.7	1302.4	1457.8	1653.8	1968.3	2138.5	2323.5
17.5°	592.0	621.6	695.6	825.1	980.5	1150.7	1328.3	1576.1	1923.9	2131.1	2349.4
20°	481.0	503.2	551.3	647.5	795.5	980.5	1202.5	1502.1	1949.8	2216.2	2482.6
22.5°	421.8	429.2	451.4	503.2	625.3	821.4	1087.8	1439.3	1997.9	2342.0	2700.9
25°	381.1	388.5	395.9	429.2	499.5	684.5	987.9	1402.3	2101.5	2527.0	2952.5
27.5°	355.2	362.6	366.3	381.1	429.2	584.6	902.8	1380.1	2242.1	2797.1	3263.3
30°	333.0	333.0	344.1	366.3	399.6	514.3	828.8	1328.3	2390.1	3022.8	3507.5
32.5°	314.5	318.2	333.0	344.1	366.3	455.1	754.8	1261.7	2523.3	3207.8	3748.0
35°	281.2	281.2	284.9	303.4	333.0	407.0	688.2	1195.1	2597.3	3389.1	3962.6
37.5°	259.0	262.7	270.1	284.9	310.8	373.7	632.7	1121.1	2675.0	3559.3	4214.2
40°	244.2	247.9	255.3	270.1	296.0	344.1	584.6	1061.9	2756.4	3744.3	4484.2
42.5°	233.1	236.8	244.2	259.0	281.2	336.7	532.8	1013.8	2804.5	3914.5	4739.5
45°	222.0	225.7	236.8	251.6	270.1	329.3	503.2	980.5	2823.0	4029.2	4943.0
47.5°	210.9	214.6	225.7	247.9	270.1	318.2	492.1	962.0	2837.8	4158.7	5105.8
50°	199.8	207.2	222.0	244.2	273.8	303.4	484.7	958.3	2922.9	4325.2	5261.2
52.5°	192.4	203.5	218.3	244.2	270.1	281.2	481.0	969.4	3093.1	4573.0	5483.2
55°	185.0	196.1	210.9	244.2	259.0	262.7	462.5	987.9	3352.1	4917.1	5797.7
57.5°	177.6	185.0	203.5	236.8	244.2	247.9	425.5	1013.8	3611.1	5253.8	6119.6
60°	166.5	173.9	192.4	236.8	222.0	233.1	377.4	1021.2	3796.1	5361.1	6149.2
62.5°	155.4	162.8	181.3	244.2	203.5	218.3	336.7	995.3	3833.1	5205.7	5982.7
65°	144.3	151.7	166.5	203.5	188.7	203.5	310.8	925.0	3711.0	4850.5	5679.3
67.5°	133.2	140.6	151.7	166.5	170.2	185.0	299.7	814.0	3403.9	4410.3	5264.9
70°	118.4	125.8	136.9	148.0	151.7	173.9	281.2	706.7	2908.1	3822.0	4758.0
72.5°	107.3	111.0	122.1	129.5	136.9	159.1	270.1	617.9	2223.6	3093.1	3881.2
75°	92.5	92.5	103.6	111.0	118.4	140.6	247.9	514.3	1568.7	2360.5	2852.6
77.5°	77.7	77.7	85.1	92.5	99.9	122.1	210.9	418.1	1087.8	1872.1	2068.2
80°	59.2	59.2	66.6	74.0	81.4	103.6	170.2	307.1	673.4	1369.0	1505.8
82.5°	40.7	40.7	51.8	55.5	59.2	81.4	129.5	210.9	395.9	987.9	1076.7
85°	22.2	22.2	29.6	33.3	40.7	59.2	96.2	148.0	236.8	714.1	717.8
87.5°	3.7	3.7	11.1	11.1	18.5	29.6	55.5	81.4	133.2	395.9	251.6
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: P598646
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7	2641.7
2.5°	2889.6	2930.3	2934.0	2934.0	2915.5	2919.2	2867.4	2811.9	2793.4	2789.7
5°	3041.3	3148.6	3178.2	3178.2	3144.9	3070.9	2937.7	2793.4	2719.4	2708.3
7.5°	3011.7	3226.3	3341.0	3341.0	3259.6	3085.7	2852.6	2630.6	2545.5	2523.3
10°	2837.8	3126.4	3333.6	3333.6	3281.8	3059.8	2756.4	2497.4	2393.8	2375.3
12.5°	2715.7	2993.2	3196.7	3196.7	3218.9	3026.5	2708.3	2412.3	2308.7	2282.8
15°	2649.1	2904.4	3037.6	3037.6	3056.1	2974.7	2708.3	2430.8	2316.1	2286.5
17.5°	2704.6	2878.5	2897.0	2897.0	2874.8	2915.5	2767.5	2530.7	2419.7	2393.8
20°	2815.6	2867.4	2778.6	2778.6	2715.7	2845.2	2860.0	2719.4	2630.6	2586.2
22.5°	3048.7	2908.1	2704.6	2704.6	2608.4	2789.7	2982.1	2974.7	2897.0	2874.8
25°	3285.5	3022.8	2682.4	2682.4	2571.4	2778.6	3126.4	3259.6	3218.9	3207.8
27.5°	3548.2	3215.2	2697.2	2697.2	2556.6	2793.4	3226.3	3500.1	3507.5	3496.4
30°	3725.8	3307.7	2741.6	2741.6	2586.2	2830.4	3248.5	3644.4	3711.0	3714.7
32.5°	3873.8	3400.2	2834.1	2834.1	2641.7	2897.0	3307.7	3781.3	3929.3	3933.0
35°	3992.2	3503.8	2948.8	2948.8	2730.5	3008.0	3385.4	3910.8	4132.8	4158.7
37.5°	4143.9	3618.5	3082.0	3082.0	2882.2	3167.1	3522.3	4062.5	4373.3	4443.5
40°	4306.7	3733.2	3274.4	3274.4	3148.6	3403.9	3677.7	4232.7	4576.7	4672.9
42.5°	4487.9	3855.3	3492.7	3492.7	3518.6	3703.6	3855.3	4388.1	4732.1	4843.1
45°	4665.5	4003.3	3810.9	3810.9	3966.3	4058.8	4029.2	4499.0	4880.1	4991.1
47.5°	4791.3	4217.9	4195.7	4195.7	4521.2	4473.1	4232.7	4580.4	5002.2	5124.3
50°	4906.0	4484.2	4680.3	4680.3	5087.3	4924.5	4450.9	4691.4	5131.7	5268.6
52.5°	5076.2	4769.1	5179.8	5179.8	5657.1	5398.1	4687.7	4872.7	5331.5	5453.6
55°	5424.0	5091.0	5701.5	5701.5	6152.9	5831.0	5005.9	5179.8	5612.7	5753.3
57.5°	5812.5	5486.9	6115.9	6115.9	6604.3	6263.9	5364.8	5594.2	5993.8	6090.0
60°	6164.0	5886.5	6567.3	6567.3	6933.6	6578.4	5782.9	6064.1	6430.4	6504.4
62.5°	6371.2	6249.1	6767.1	6767.1	7059.4	6989.1	6682.0	6138.1	6482.2	6741.2
65°	6337.9	6456.3	6534.0	6534.0	6715.3	6615.4	6393.4	6312.0	6748.6	6774.5
67.5°	6086.3	6337.9	5893.9	5893.9	5912.4	5860.6	5671.9	6041.9	6678.3	6500.7
70°	5705.2	5723.7	4928.2	4928.2	4695.1	4776.5	4517.5	5183.5	6130.7	5856.9
72.5°	5072.5	4843.1	3725.8	3725.8	3489.0	3611.1	3426.1	4158.7	5342.6	5076.2
75°	4254.9	3836.8	2837.8	2837.8	2501.1	2564.0	2556.6	3222.6	4413.9	3933.0
77.5°	3296.6	2989.5	2094.1	2094.1	1964.6	1898.0	1912.8	2249.5	3281.8	2852.6
80°	2408.6	2090.4	1620.5	1620.5	1694.5	1657.5	1568.7	1576.1	2197.7	1983.1
82.5°	1664.9	1487.3	1313.5	1313.5	1483.6	1394.9	1258.0	1228.4	1583.5	1487.3
85°	1117.4	1224.7	1043.4	1043.4	1135.9	984.2	906.5	1154.4	1324.6	1069.3
87.5°	728.9	1121.1	751.1	751.1	569.8	325.6	436.6	706.7	869.5	499.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)