

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: P598887

Luminaire Tested: **IFLD-S-SA6A-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598887
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

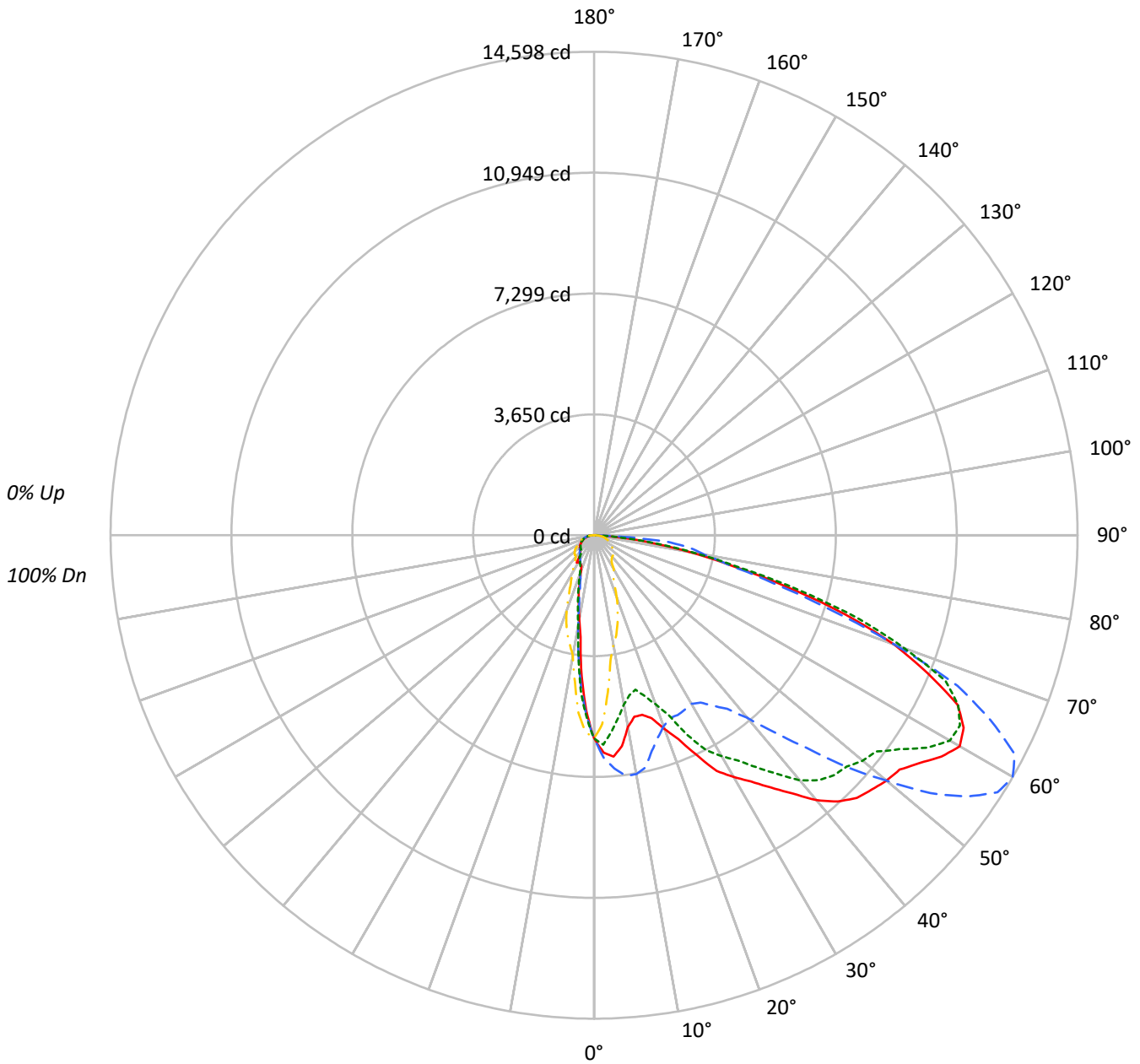
Lumens per Lamp: N/A
 Luminaire Lumens: 19199.6 lumens
 Efficiency: N/A
 Efficacy: 101.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44004	44004	44004	44004
5°	48345	42946	30798	33620
10°	42821	37794	18680	20046
15°	41697	35876	13225	13730
20°	47544	41495	8651	9561
25°	57927	52600	7553	7823
30°	69796	63798	7834	7269
35°	81400	74909	6491	6118
40°	97814	90474	6064	5744
45°	113833	103979	6137	5704
50°	128646	118187	6275	5896
55°	150029	140866	6499	6180
60°	182985	177973	6478	6478
65°	205645	205934	6653	6941
70°	202104	209252	6970	7148
75°	166715	177813	7320	7794
80°	120370	126354	8095	8447
85°	66617	71524	9114	11222

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.4	2.5
10°-20°	1005.8	5.2
20°-30°	1471.6	7.7
30°-40°	2073.4	10.8
40°-50°	2849.5	14.8
50°-60°	3883.6	20.2
60°-70°	4250.4	22.1
70°-80°	2453.9	12.8
80°-90°	734.8	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°	2953.8	15.4
0°-40°	5027.3	26.2
0°-60°	11760.4	61.3
0°-90°	19199.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19199.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6132	6132	6132	6132	6132	
5°	6711	5962	4276	4667	6711	609
15°	5613	4829	1780	1848	5613	1640
25°	7316	6643	954	988	7316	3426
35°	9292	8551	741	698	9292	5892
45°	11217	10246	605	562	11217	8621
55°	11992	11260	520	494	11992	10820
65°	12111	12128	392	409	12111	11592
75°	6013	6413	264	281	6013	6459
85°	809	869	111	136	809	1123
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°	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2
2.5°	6566.6	6541.0	6566.6	6660.3	6685.8	6728.4	6728.4	6668.8	6558.1	6507.0	6421.8
5°	6711.4	6668.8	6881.7	7077.6	7230.9	7213.9	7069.1	6949.9	6728.4	6396.3	6081.1
7.5°	6421.8	6464.4	6617.7	7128.7	7486.4	7554.6	7324.6	7086.1	6609.2	6149.3	5723.4
10°	5876.7	5936.3	6268.5	6796.6	7358.7	7469.4	7324.6	7035.0	6464.4	5893.8	5399.8
12.5°	5612.7	5749.0	5944.9	6583.6	6983.9	7248.0	7179.8	6992.4	6353.7	5680.8	5203.9
15°	5612.7	5646.8	5936.3	6472.9	6702.9	6711.4	6736.9	6771.0	6387.7	5774.5	5135.7
17.5°	5791.6	5885.2	6132.2	6464.4	6507.0	6404.8	6404.8	6549.6	6455.9	6038.5	5382.7
20°	6225.9	6191.9	6515.5	6651.8	6421.8	6166.3	6140.7	6387.7	6532.5	6319.6	5834.1
22.5°	6660.3	6813.6	7077.6	6771.0	6345.2	6004.5	5970.4	6277.0	6762.5	6805.1	6353.7
25°	7316.1	7469.4	7605.7	7230.9	6336.6	5961.9	5987.4	6225.9	7043.5	7494.9	7222.4
27.5°	8023.0	8116.7	8312.6	7733.4	6541.0	5910.8	5936.3	6294.1	7307.6	7946.4	7903.8
30°	8423.3	8525.5	8482.9	7827.1	6677.3	5944.9	5876.7	6387.7	7162.8	7946.4	8346.6
32.5°	8815.1	8755.5	8729.9	7980.4	6847.7	6157.8	5987.4	6583.6	7248.0	8074.1	8917.3
35°	9292.0	9206.9	9138.7	8278.5	7128.7	6362.2	6285.5	6839.1	7435.3	8338.1	9377.2
37.5°	9820.1	9820.1	9487.9	8500.0	7460.9	6694.4	6609.2	7205.4	7733.4	8500.0	10007.5
40°	10441.8	10467.4	9879.7	8798.0	7835.6	7222.4	7196.9	7682.3	8023.0	8738.4	10612.2
42.5°	10901.7	10918.8	10220.4	8908.8	8270.0	7954.9	8065.6	8448.9	8355.2	8951.4	10654.8
45°	11216.9	11131.7	10458.9	9223.9	8746.9	9053.6	9087.6	9198.3	8789.5	9079.1	10825.1
47.5°	11370.2	11353.1	10561.1	9590.1	9752.0	10169.3	10365.2	10211.9	9189.8	8942.8	10825.1
50°	11523.5	11378.7	10654.8	10092.6	10731.4	11574.6	11532.0	11250.9	9743.4	9113.2	10663.3
52.5°	11625.7	11497.9	10842.1	10544.0	11668.3	12622.2	12792.5	12273.0	10390.7	9428.3	10739.9
55°	11991.9	11889.7	11404.2	11157.3	12749.9	13729.4	13754.9	13031.0	11072.1	9947.8	11242.4
57.5°	12434.8	12494.4	12179.3	12026.0	13576.1	14538.5	14444.8	13593.1	11651.2	10578.1	11821.6
60°	12749.9	12843.6	12767.0	12784.0	13984.9	14811.0	14598.1	13942.3	12077.1	11055.1	12528.5
62.5°	12579.6	12767.0	13082.1	13014.0	14001.9	14615.2	14317.1	13482.4	12128.2	11676.8	13065.1
65°	12111.2	12128.2	12741.4	13116.2	13235.4	13601.6	13209.8	12520.0	11600.1	12060.1	12988.4
67.5°	10910.3	11046.5	11600.1	12332.6	11830.1	11915.3	11881.2	10884.7	10799.5	11796.0	12400.7
70°	9632.7	9726.4	10331.1	11191.3	9990.4	9590.1	9666.8	8925.8	9275.0	10978.4	11216.9
72.5°	7963.4	8023.0	8712.9	9470.9	8014.5	7299.1	7477.9	6873.2	7367.2	9607.2	9462.4
75°	6013.0	6123.7	6660.3	7554.6	5902.3	5442.4	5621.2	5374.2	5834.1	7912.3	7341.6
77.5°	4275.5	4190.4	4854.7	5910.8	4437.4	4164.8	4181.8	4224.4	4718.4	6668.8	5272.0
80°	2912.8	2938.4	3534.6	4335.1	3483.4	3440.9	3398.3	3739.0	3960.4	5280.5	3832.6
82.5°	1728.9	1728.9	2384.8	3083.1	2751.0	3100.2	2904.3	3210.9	3100.2	3883.7	2512.5
85°	809.1	809.1	1226.4	2222.9	2129.2	2555.1	2171.8	2427.3	2291.1	2708.4	1132.8
87.5°	136.3	119.2	247.0	1090.2	877.2	996.5	391.8	1294.6	1439.4	1890.8	281.1
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°	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2
2.5°	6328.1	6268.5	6149.3	5996.0	5868.2	5706.4	5655.3	5544.6	5391.3	5374.2	5306.1
5°	5961.9	5757.5	5502.0	5186.8	4973.9	4752.5	4565.1	4454.4	4326.6	4309.6	4275.5
7.5°	5561.6	5306.1	4880.2	4505.5	4139.3	3790.1	3619.7	3406.8	3262.0	3151.3	3100.2
10°	5186.8	4948.4	4420.3	3909.3	3585.7	3355.7	3151.3	2929.8	2751.0	2614.7	2563.6
12.5°	4939.9	4658.8	4088.2	3602.7	3364.2	3100.2	2870.2	2631.7	2401.8	2222.9	2129.2
15°	4829.1	4565.1	3986.0	3449.4	3100.2	2734.0	2469.9	2231.5	1950.4	1822.6	1780.1
17.5°	5093.2	4701.4	3951.9	3270.5	2776.5	2359.2	2035.6	1780.1	1575.6	1447.9	1396.8
20°	5433.8	4948.4	4011.5	3057.6	2469.9	2001.5	1643.8	1371.2	1235.0	1141.3	1132.8
22.5°	5868.2	5314.6	4105.2	2904.3	2129.2	1609.7	1286.1	1124.2	1030.6	1022.0	1005.0
25°	6643.3	5978.9	4258.5	2699.9	1856.7	1328.7	1098.7	1005.0	962.4	936.9	953.9
27.5°	7307.6	6413.3	4369.2	2572.1	1746.0	1252.0	1064.6	962.4	919.8	911.3	919.8
30°	7699.4	6813.6	4335.1	2333.7	1524.5	1192.4	1132.8	1098.7	1013.5	945.4	945.4
32.5°	8057.1	7069.1	4326.6	2120.7	1303.1	996.5	945.4	919.8	970.9	1005.0	979.5
35°	8551.1	7469.4	4301.1	2001.5	1209.4	919.8	834.7	766.5	732.5	715.4	741.0
37.5°	9079.1	7741.9	4232.9	1984.5	1158.3	877.2	809.1	741.0	706.9	689.9	681.4
40°	9658.3	8031.5	4156.3	1899.3	1132.8	851.7	783.6	723.9	681.4	655.8	647.3
42.5°	10033.0	8261.5	4079.6	1856.7	1081.7	834.7	758.0	706.9	664.3	630.3	630.3
45°	10245.9	8534.0	4003.0	1814.1	1022.0	843.2	758.0	689.9	638.8	621.7	604.7
47.5°	10339.6	8738.4	3977.4	1746.0	970.9	809.1	741.0	672.8	621.7	587.7	579.2
50°	10586.6	9172.8	4071.1	1694.9	911.3	775.0	783.6	664.3	613.2	570.6	562.1
52.5°	10731.4	9522.0	4275.5	1618.2	868.7	732.5	766.5	647.3	587.7	545.1	545.1
55°	11259.5	10101.1	4497.0	1558.6	817.6	672.8	706.9	613.2	545.1	519.5	519.5
57.5°	11932.3	10714.4	4684.3	1533.1	783.6	630.3	630.3	596.2	519.5	485.5	477.0
60°	12400.7	11216.9	4795.1	1516.0	749.5	587.7	562.1	596.2	494.0	459.9	451.4
62.5°	12451.8	10927.3	4684.3	1507.5	741.0	545.1	511.0	570.6	468.4	434.4	417.3
65°	12128.2	10339.6	4377.7	1473.4	732.5	502.5	477.0	494.0	434.4	408.8	391.8
67.5°	11480.9	9385.7	3934.8	1456.4	723.9	468.4	434.4	425.8	400.3	374.7	357.7
70°	9973.4	8142.2	3415.3	1379.8	706.9	442.9	391.8	383.3	357.7	340.7	332.2
72.5°	8372.2	6660.3	2819.1	1277.5	672.8	400.3	357.7	340.7	332.2	306.6	298.1
75°	6413.3	5127.2	2257.0	1132.8	587.7	357.7	315.1	298.1	289.6	272.5	264.0
77.5°	4505.5	3815.6	1669.3	919.8	494.0	323.6	281.1	264.0	255.5	230.0	230.0
80°	3057.6	2674.3	1132.8	638.8	383.3	264.0	247.0	230.0	212.9	195.9	195.9
82.5°	1899.3	1873.7	817.6	417.3	281.1	212.9	195.9	195.9	170.3	153.3	153.3
85°	868.7	1149.8	570.6	289.6	212.9	161.8	161.8	153.3	136.3	110.7	110.7
87.5°	272.5	383.3	298.1	127.8	119.2	93.7	93.7	85.2	85.2	68.1	68.1
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2
2.5°	5374.2	5365.7	5365.7	5331.6	5416.8	5416.8	5467.9	5425.3	5450.9	5459.4	5527.5
5°	4267.0	4335.1	4386.2	4488.5	4548.1	4573.6	4573.6	4641.8	4616.2	4667.3	4769.5
7.5°	3125.7	3210.9	3364.2	3492.0	3594.2	3628.2	3619.7	3636.8	3662.3	3602.7	3619.7
10°	2529.5	2469.9	2521.0	2640.3	2734.0	2844.7	2759.5	2751.0	2776.5	2751.0	2802.1
12.5°	2112.2	2044.1	2001.5	2001.5	2069.6	2120.7	2095.2	2137.8	2231.5	2257.0	2316.6
15°	1711.9	1652.3	1618.2	1575.6	1643.8	1660.8	1686.4	1746.0	1814.1	1848.2	1916.3
17.5°	1371.2	1371.2	1371.2	1337.2	1362.7	1388.3	1396.8	1473.4	1482.0	1516.0	1541.6
20°	1124.2	1149.8	1192.4	1209.4	1235.0	1235.0	1217.9	1260.5	1226.4	1252.0	1269.0
22.5°	1013.5	1047.6	1064.6	1073.1	1107.2	1115.7	1073.1	1081.7	1090.2	1064.6	1073.1
25°	953.9	970.9	953.9	962.4	970.9	953.9	962.4	979.5	970.9	988.0	979.5
27.5°	928.4	911.3	902.8	894.3	894.3	877.2	885.8	885.8	902.8	911.3	911.3
30°	928.4	902.8	868.7	843.2	843.2	817.6	834.7	851.7	860.2	877.2	877.2
32.5°	953.9	902.8	843.2	817.6	792.1	775.0	792.1	817.6	851.7	860.2	868.7
35°	758.0	783.6	775.0	741.0	732.5	732.5	723.9	723.9	698.4	698.4	689.9
37.5°	681.4	672.8	689.9	698.4	706.9	681.4	681.4	647.3	638.8	647.3	647.3
40°	638.8	638.8	638.8	664.3	672.8	655.8	630.3	613.2	613.2	613.2	621.7
42.5°	621.7	604.7	596.2	613.2	638.8	621.7	596.2	587.7	587.7	596.2	596.2
45°	596.2	587.7	579.2	570.6	604.7	579.2	570.6	562.1	562.1	562.1	570.6
47.5°	570.6	562.1	545.1	545.1	553.6	545.1	536.6	536.6	536.6	553.6	553.6
50°	553.6	545.1	528.1	528.1	528.1	528.1	519.5	519.5	519.5	528.1	536.6
52.5°	528.1	519.5	511.0	502.5	502.5	502.5	502.5	502.5	502.5	511.0	519.5
55°	502.5	494.0	485.5	485.5	494.0	494.0	485.5	494.0	485.5	494.0	502.5
57.5°	477.0	468.4	459.9	468.4	477.0	468.4	468.4	468.4	468.4	468.4	477.0
60°	442.9	442.9	442.9	442.9	459.9	459.9	459.9	459.9	442.9	451.4	459.9
62.5°	425.8	417.3	417.3	425.8	434.4	434.4	442.9	434.4	425.8	434.4	434.4
65°	391.8	391.8	391.8	400.3	400.3	408.8	408.8	408.8	400.3	408.8	408.8
67.5°	366.2	366.2	366.2	366.2	383.3	383.3	383.3	383.3	374.7	374.7	383.3
70°	323.6	332.2	323.6	340.7	357.7	349.2	357.7	357.7	349.2	340.7	357.7
72.5°	298.1	298.1	298.1	298.1	323.6	323.6	323.6	332.2	323.6	315.1	323.6
75°	264.0	264.0	264.0	272.5	289.6	289.6	289.6	289.6	289.6	281.1	281.1
77.5°	230.0	238.5	230.0	238.5	255.5	247.0	255.5	264.0	255.5	247.0	247.0
80°	195.9	195.9	195.9	204.4	212.9	212.9	212.9	221.4	212.9	204.4	204.4
82.5°	153.3	153.3	161.8	161.8	170.3	170.3	170.3	178.9	170.3	161.8	161.8
85°	119.2	119.2	119.2	127.8	127.8	136.3	136.3	144.8	144.8	136.3	136.3
87.5°	76.7	68.1	76.7	76.7	85.2	85.2	76.7	68.1	76.7	68.1	59.6
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: P598887
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2	6132.2
2.5°	5595.7	5749.0	5859.7	5936.3	6047.1	6260.0	6345.2	6498.5	6541.0	6566.6
5°	4812.1	4973.9	5212.4	5382.7	5578.6	5978.9	6285.5	6515.5	6617.7	6711.4
7.5°	3773.0	3986.0	4232.9	4454.4	4778.0	5272.0	5672.3	6149.3	6328.1	6421.8
10°	2946.9	3142.8	3415.3	3687.9	4139.3	4556.6	5127.2	5561.6	5808.6	5876.7
12.5°	2487.0	2716.9	3040.6	3372.7	3653.8	4130.7	4709.9	5340.2	5570.1	5612.7
15°	2112.2	2427.3	2759.5	3100.2	3423.8	3841.2	4462.9	5229.4	5570.1	5612.7
17.5°	1746.0	2027.0	2418.8	2785.1	3159.8	3730.4	4505.5	5323.1	5663.8	5791.6
20°	1388.3	1660.8	1967.4	2427.3	2938.4	3543.1	4599.2	5638.2	6089.6	6225.9
22.5°	1149.8	1269.0	1567.1	2010.0	2614.7	3415.3	4692.9	6132.2	6609.2	6660.3
25°	1005.0	1090.2	1277.5	1694.9	2359.2	3330.1	4914.3	6702.9	7316.1	7316.1
27.5°	936.9	970.9	1098.7	1473.4	2180.3	3253.5	5135.7	7333.1	7903.8	8023.0
30°	919.8	1005.0	1073.1	1311.6	1984.5	3040.6	5340.2	7827.1	8414.8	8423.3
32.5°	902.8	885.8	936.9	1141.3	1746.0	2819.1	5510.5	8329.6	8789.5	8815.1
35°	706.9	741.0	826.1	1005.0	1567.1	2657.3	5595.7	8602.2	9266.5	9292.0
37.5°	664.3	706.9	775.0	928.4	1447.9	2521.0	5621.2	9130.2	9769.0	9820.1
40°	647.3	681.4	732.5	860.2	1354.2	2350.7	5672.3	9675.3	10510.0	10441.8
42.5°	613.2	655.8	706.9	826.1	1277.5	2222.9	5680.8	9973.4	10901.7	10901.7
45°	604.7	630.3	689.9	826.1	1192.4	2112.2	5544.6	10271.5	11353.1	11216.9
47.5°	570.6	621.7	672.8	800.6	1090.2	2001.5	5382.7	10424.8	11412.8	11370.2
50°	562.1	613.2	698.4	758.0	1030.6	1950.4	5348.7	10808.1	11532.0	11523.5
52.5°	545.1	596.2	723.9	723.9	953.9	1882.3	5510.5	10978.4	11557.6	11625.7
55°	519.5	596.2	672.8	664.3	885.8	1797.1	5689.3	11421.3	12009.0	11991.9
57.5°	502.5	579.2	638.8	604.7	809.1	1737.5	5953.4	11847.1	12554.0	12434.8
60°	477.0	579.2	570.6	562.1	749.5	1686.4	6174.8	11932.3	12673.3	12749.9
62.5°	459.9	604.7	502.5	519.5	698.4	1660.8	6081.1	11293.5	12511.5	12579.6
65°	442.9	519.5	459.9	477.0	681.4	1609.7	5714.9	10527.0	11813.1	12111.2
67.5°	408.8	425.8	425.8	442.9	664.3	1490.5	4965.4	9147.2	10748.4	10910.3
70°	374.7	383.3	383.3	408.8	647.3	1354.2	4096.7	7912.3	9326.1	9632.7
72.5°	340.7	340.7	340.7	374.7	596.2	1243.5	3372.7	6081.1	7750.5	7963.4
75°	298.1	298.1	298.1	332.2	536.6	1132.8	2657.3	4522.5	5706.4	6013.0
77.5°	264.0	264.0	255.5	298.1	468.4	919.8	1916.3	3193.9	4020.0	4275.5
80°	221.4	212.9	212.9	238.5	366.2	664.3	1235.0	2257.0	2802.1	2912.8
82.5°	178.9	170.3	161.8	178.9	264.0	417.3	766.5	1575.6	1797.1	1728.9
85°	170.3	178.9	144.8	136.3	187.4	272.5	485.5	970.9	809.1	809.1
87.5°	68.1	59.6	59.6	51.1	93.7	102.2	212.9	178.9	136.3	136.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)