

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: P598699

Luminaire Tested: **IFLD-L-SA8A-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598699
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

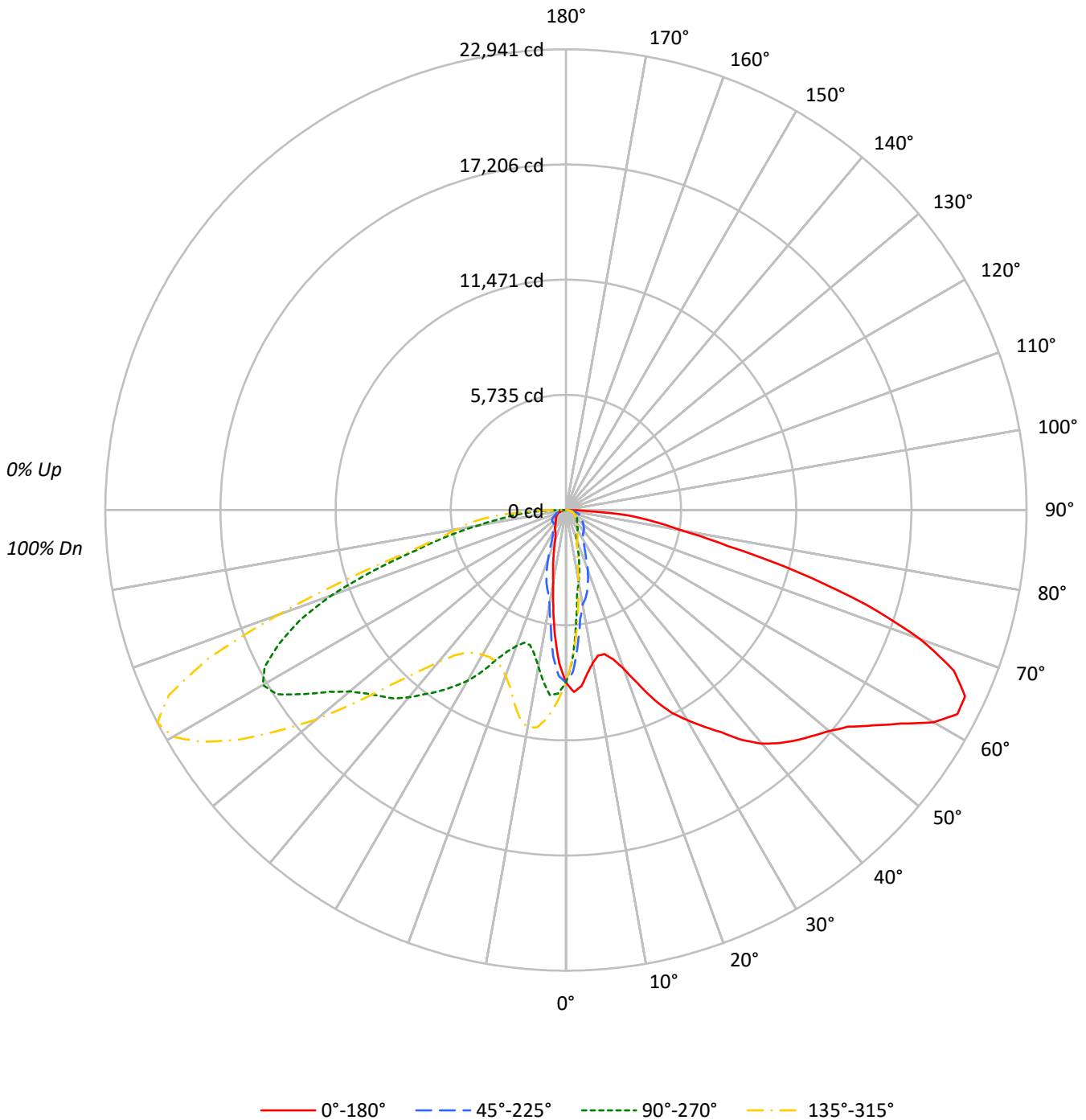
Lumens per Lamp: N/A
 Luminaire Lumens: 28738.4 lumens
 Efficiency: N/A
 Efficacy: 116.0 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	46202	46202	46202	46202
5°	47548	30919	33778	49952
10°	42184	19647	19844	43170
15°	41401	13935	13197	38721
20°	48134	8814	8883	41248
25°	61903	7568	7354	48766
30°	75019	7173	6725	61046
35°	88791	6320	6083	72360
40°	106688	5998	5575	85486
45°	123450	5948	5399	99658
50°	143354	6040	5436	117683
55°	175431	6205	5528	149934
60°	227518	6212	5824	187528
65°	279283	6278	5971	200735
70°	295526	6622	6244	195442
75°	248768	7001	6251	159511
80°	180732	8198	6335	137881
85°	191552	11881	5199	143293

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	664.4	2.3
10°-20°	1390.5	4.8
20°-30°	2003.8	7.0
30°-40°	2884.7	10.0
40°-50°	4097.5	14.3
50°-60°	5891.0	20.5
60°-70°	6806.0	23.7
70°-80°	3853.7	13.4
80°-90°	1146.9	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°	4058.7	14.1
0°-40°	6943.3	24.2
0°-60°	16931.8	58.9
0°-90°	28738.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28738.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8585	8585	8585	8585	8585	
5°	8801	5723	6252	9246	8801	799
15°	7430	2501	2369	6950	7430	2185
25°	10424	1274	1238	8212	10424	4838
35°	13514	962	926	11013	13514	8577
45°	16220	782	709	13094	16220	12559
55°	18696	661	589	15979	18696	16932
65°	21931	493	469	15763	21931	21030
75°	11963	337	301	7671	11963	12694
85°	3102	192	84	2320	3102	3089
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°	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7
2.5°	9065.6	9053.6	8981.5	8753.0	8512.6	8284.1	8067.7	7839.2	7719.0	7574.7	7514.6
5°	8801.1	8777.1	8572.7	8067.7	7622.8	7141.9	6733.1	6408.5	6143.9	5879.4	5783.2
7.5°	8199.9	8163.9	7923.4	7226.1	6576.8	5951.6	5458.6	5037.8	4689.1	4532.8	4352.5
10°	7719.0	7658.9	7346.3	6576.8	5735.2	5109.9	4785.3	4496.7	4196.2	3943.7	3679.2
12.5°	7418.4	7346.3	7021.7	6119.9	5302.3	4833.4	4496.7	4172.1	3799.4	3486.8	3198.2
15°	7430.5	7346.3	6949.5	5999.7	5194.1	4592.9	4124.0	3679.2	3246.3	2897.6	2573.0
17.5°	7779.1	7670.9	7250.1	6168.0	5109.9	4280.3	3655.1	3078.0	2585.0	2212.3	1947.8
20°	8404.3	8332.2	7851.3	6420.5	5025.8	3943.7	3174.2	2476.8	1959.8	1671.3	1563.0
22.5°	9342.2	9258.0	8741.0	6805.2	5001.7	3643.1	2657.2	1947.8	1575.1	1454.8	1394.7
25°	10424.3	10268.0	9787.0	7454.5	5049.8	3366.5	2236.3	1611.1	1406.7	1322.6	1286.5
27.5°	11362.1	11265.9	10724.9	8067.7	5073.9	3150.1	1947.8	1466.9	1310.5	1238.4	1214.4
30°	12071.5	12035.4	11506.4	8741.0	5013.8	2885.6	1767.4	1406.7	1310.5	1238.4	1166.3
32.5°	12780.9	12792.9	12227.8	9258.0	4929.6	2657.2	1599.1	1250.4	1154.2	1106.2	1118.2
35°	13514.3	13574.4	13093.5	9763.0	4749.2	2573.0	1478.9	1166.3	1082.1	1010.0	973.9
37.5°	14440.1	14596.4	14127.5	10328.1	4568.9	2500.9	1418.8	1106.2	1022.0	961.9	913.8
40°	15185.5	15474.1	15197.6	10857.1	4448.7	2416.7	1370.7	1046.0	985.9	913.8	877.7
42.5°	15738.6	16075.3	15979.1	11265.9	4448.7	2332.5	1322.6	1010.0	961.9	877.7	829.6
45°	16219.5	16568.2	16556.2	11686.7	4544.8	2284.4	1262.5	1010.0	937.8	853.7	805.6
47.5°	16652.4	17001.1	17121.3	12215.8	4701.1	2260.4	1190.3	985.9	937.8	841.6	769.5
50°	17121.3	17506.0	17866.7	13057.4	4893.5	2200.3	1142.2	949.8	949.8	829.6	745.4
52.5°	17722.5	18155.3	18816.6	14103.4	5085.9	2092.1	1070.1	925.8	949.8	817.6	721.4
55°	18696.4	19057.1	19922.7	15353.9	5326.4	1959.8	1010.0	865.7	901.8	781.5	685.3
57.5°	19790.5	20103.1	20824.5	16315.7	5398.5	1791.5	925.8	805.6	865.7	745.4	637.2
60°	21137.1	21293.4	21293.4	16592.3	5158.0	1635.2	865.7	757.5	781.5	709.4	601.2
62.5°	21990.8	21990.8	21293.4	16087.3	4701.1	1502.9	817.6	709.4	685.3	661.3	565.1
65°	21930.7	21834.5	20800.5	14620.4	4172.1	1418.8	769.5	649.3	613.2	601.2	529.0
67.5°	20920.7	20752.4	19345.6	12552.4	3619.0	1382.7	721.4	589.1	565.1	541.1	480.9
70°	18780.5	18347.7	16616.3	10099.6	3078.0	1358.6	709.4	541.1	517.0	493.0	444.9
72.5°	15678.5	15125.4	12973.2	7767.1	2585.0	1274.5	673.3	480.9	468.9	444.9	396.8
75°	11963.3	10941.3	9053.6	5939.6	2007.9	1106.2	577.1	420.8	420.8	408.8	360.7
77.5°	8248.0	7719.0	6312.3	4388.5	1466.9	853.7	468.9	372.7	372.7	384.7	336.7
80°	5831.3	5338.4	4496.7	3150.1	925.8	577.1	360.7	312.6	348.7	372.7	312.6
82.5°	4460.7	4100.0	3342.5	2296.5	541.1	396.8	276.5	252.5	300.6	324.6	264.5
85°	3102.0	2669.2	1695.3	1539.0	312.6	240.5	204.4	204.4	264.5	324.6	240.5
87.5°	877.7	372.7	108.2	456.9	132.3	96.2	72.1	48.1	72.1	72.1	48.1
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°	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7
2.5°	7454.5	7382.4	7382.4	7358.3	7370.3	7382.4	7370.3	7454.5	7490.6	7538.7	7634.8
5°	5723.1	5819.3	5747.2	5819.3	5915.5	6059.8	6095.9	6204.1	6216.1	6300.3	6252.2
7.5°	4244.3	4232.2	4172.1	4256.3	4520.8	4725.2	4821.4	4881.5	4893.5	4893.5	4833.4
10°	3595.0	3486.8	3378.6	3318.5	3342.5	3558.9	3631.1	3667.1	3643.1	3679.2	3631.1
12.5°	3078.0	2981.8	2825.5	2717.3	2645.1	2705.3	2777.4	2813.5	2837.5	2897.6	2945.7
15°	2500.9	2404.7	2308.5	2248.4	2188.3	2140.2	2200.3	2236.3	2296.5	2344.6	2368.6
17.5°	1899.7	1851.6	1803.5	1839.6	1839.6	1815.5	1839.6	1851.6	1875.6	1911.7	1899.7
20°	1539.0	1527.0	1514.9	1575.1	1623.2	1623.2	1647.2	1611.1	1599.1	1563.0	1551.0
22.5°	1370.7	1370.7	1382.7	1430.8	1478.9	1502.9	1502.9	1442.8	1382.7	1358.6	1370.7
25°	1274.5	1274.5	1310.5	1322.6	1346.6	1346.6	1358.6	1298.5	1262.5	1226.4	1238.4
27.5°	1202.3	1202.3	1214.4	1214.4	1226.4	1226.4	1238.4	1214.4	1166.3	1154.2	1154.2
30°	1154.2	1154.2	1142.2	1142.2	1142.2	1142.2	1154.2	1118.2	1094.1	1082.1	1082.1
32.5°	1106.2	1094.1	1082.1	1082.1	1070.1	1070.1	1082.1	1046.0	1034.0	1034.0	1034.0
35°	961.9	949.8	961.9	985.9	985.9	997.9	997.9	985.9	961.9	937.8	925.8
37.5°	901.8	889.7	889.7	889.7	913.8	925.8	937.8	913.8	877.7	841.6	841.6
40°	853.7	853.7	841.6	841.6	841.6	865.7	889.7	853.7	805.6	793.5	793.5
42.5°	817.6	805.6	793.5	781.5	769.5	805.6	829.6	781.5	757.5	757.5	757.5
45°	781.5	769.5	757.5	745.4	733.4	745.4	769.5	721.4	709.4	709.4	709.4
47.5°	745.4	733.4	709.4	697.4	685.3	685.3	709.4	673.3	661.3	673.3	673.3
50°	721.4	697.4	673.3	661.3	649.3	649.3	649.3	637.2	637.2	637.2	649.3
52.5°	697.4	673.3	637.2	625.2	613.2	613.2	613.2	613.2	601.2	613.2	625.2
55°	661.3	637.2	613.2	601.2	589.1	577.1	589.1	577.1	577.1	589.1	589.1
57.5°	613.2	589.1	565.1	565.1	553.1	553.1	565.1	553.1	553.1	565.1	565.1
60°	577.1	553.1	529.0	529.0	517.0	529.0	541.1	529.0	529.0	529.0	541.1
62.5°	529.0	517.0	493.0	493.0	493.0	493.0	505.0	493.0	505.0	505.0	505.0
65°	493.0	468.9	456.9	456.9	456.9	456.9	480.9	456.9	468.9	468.9	468.9
67.5°	456.9	432.8	420.8	420.8	420.8	420.8	444.9	420.8	432.8	444.9	432.8
70°	420.8	396.8	384.7	384.7	384.7	384.7	396.8	384.7	384.7	396.8	396.8
72.5°	372.7	360.7	348.7	348.7	336.7	348.7	360.7	348.7	348.7	348.7	348.7
75°	336.7	324.6	324.6	312.6	312.6	312.6	324.6	300.6	300.6	300.6	300.6
77.5°	312.6	288.6	288.6	288.6	276.5	288.6	276.5	252.5	252.5	252.5	252.5
80°	264.5	240.5	252.5	252.5	240.5	240.5	228.4	204.4	204.4	204.4	204.4
82.5°	216.4	192.4	204.4	204.4	204.4	204.4	180.4	168.3	156.3	144.3	144.3
85°	192.4	156.3	180.4	180.4	168.3	168.3	120.2	120.2	96.2	96.2	84.2
87.5°	36.1	24.0	48.1	60.1	60.1	72.1	48.1	60.1	36.1	24.0	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



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7
2.5°	7622.8	7755.1	7935.4	8067.7	8272.1	8428.4	8668.9	8873.3	9065.6	9149.8	9234.0
5°	6396.4	6480.6	6757.1	6973.6	7298.2	7646.9	8079.7	8548.6	9029.6	9246.0	9498.5
7.5°	4785.3	4941.6	5097.9	5410.5	5807.3	6372.4	6925.5	7622.8	8296.1	8620.8	9053.6
10°	3715.2	3835.5	4015.8	4340.4	4713.2	5182.1	5843.4	6673.0	7478.5	7899.4	8344.2
12.5°	2981.8	3150.1	3390.6	3727.2	4160.1	4641.0	5122.0	5891.5	6829.3	7310.2	7815.2
15°	2416.7	2549.0	2813.5	3234.3	3739.3	4232.2	4737.2	5374.5	6396.4	6949.5	7550.7
17.5°	1923.7	2019.9	2260.4	2681.2	3186.2	3739.3	4316.4	5122.0	6252.2	6925.5	7634.8
20°	1563.0	1635.2	1791.5	2104.1	2585.0	3186.2	3907.6	4881.5	6336.3	7202.0	8067.7
22.5°	1370.7	1394.7	1466.9	1635.2	2032.0	2669.2	3534.9	4677.1	6492.6	7610.8	8777.1
25°	1238.4	1262.5	1286.5	1394.7	1623.2	2224.3	3210.2	4556.9	6829.3	8212.0	9594.7
27.5°	1154.2	1178.3	1190.3	1238.4	1394.7	1899.7	2933.7	4484.7	7286.2	9089.7	10604.6
30°	1082.1	1082.1	1118.2	1190.3	1298.5	1671.3	2693.2	4316.4	7767.1	9823.1	11398.2
32.5°	1022.0	1034.0	1082.1	1118.2	1190.3	1478.9	2452.8	4100.0	8199.9	10424.3	12179.7
35°	913.8	913.8	925.8	985.9	1082.1	1322.6	2236.3	3883.6	8440.4	11013.4	12877.0
37.5°	841.6	853.7	877.7	925.8	1010.0	1214.4	2056.0	3643.1	8692.9	11566.5	13694.6
40°	793.5	805.6	829.6	877.7	961.9	1118.2	1899.7	3450.7	8957.4	12167.7	14572.3
42.5°	757.5	769.5	793.5	841.6	913.8	1094.1	1731.4	3294.4	9113.7	12720.7	15402.0
45°	721.4	733.4	769.5	817.6	877.7	1070.1	1635.2	3186.2	9173.8	13093.5	16063.2
47.5°	685.3	697.4	733.4	805.6	877.7	1034.0	1599.1	3126.1	9221.9	13514.3	16592.3
50°	649.3	673.3	721.4	793.5	889.7	985.9	1575.1	3114.1	9498.5	14055.3	17097.3
52.5°	625.2	661.3	709.4	793.5	877.7	913.8	1563.0	3150.1	10051.5	14860.9	17818.7
55°	601.2	637.2	685.3	793.5	841.6	853.7	1502.9	3210.2	10893.2	15979.1	18840.6
57.5°	577.1	601.2	661.3	769.5	793.5	805.6	1382.7	3294.4	11734.8	17073.2	19886.7
60°	541.1	565.1	625.2	769.5	721.4	757.5	1226.4	3318.5	12336.0	17421.9	19982.9
62.5°	505.0	529.0	589.1	793.5	661.3	709.4	1094.1	3234.3	12456.2	16916.9	19441.8
65°	468.9	493.0	541.1	661.3	613.2	661.3	1010.0	3005.8	12059.5	15762.7	18455.9
67.5°	432.8	456.9	493.0	541.1	553.1	601.2	973.9	2645.1	11061.5	14331.9	17109.3
70°	384.7	408.8	444.9	480.9	493.0	565.1	913.8	2296.5	9450.4	12420.2	15462.1
72.5°	348.7	360.7	396.8	420.8	444.9	517.0	877.7	2007.9	7226.1	10051.5	12612.5
75°	300.6	300.6	336.7	360.7	384.7	456.9	805.6	1671.3	5097.9	7670.9	9270.0
77.5°	252.5	252.5	276.5	300.6	324.6	396.8	685.3	1358.6	3534.9	6083.8	6721.1
80°	192.4	192.4	216.4	240.5	264.5	336.7	553.1	997.9	2188.3	4448.7	4893.5
82.5°	132.3	132.3	168.3	180.4	192.4	264.5	420.8	685.3	1286.5	3210.2	3498.8
85°	72.1	72.1	96.2	108.2	132.3	192.4	312.6	480.9	769.5	2320.5	2332.5
87.5°	12.0	12.0	36.1	36.1	60.1	96.2	180.4	264.5	432.8	1286.5	817.6
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: P598699
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7	8584.7
2.5°	9390.3	9522.5	9534.5	9534.5	9474.4	9486.5	9318.1	9137.8	9077.7	9065.6
5°	9883.2	10231.9	10328.1	10376.2	10219.9	9979.4	9546.6	9077.7	8837.2	8801.1
7.5°	9787.0	10484.4	10857.1	10905.2	10592.6	10027.5	9270.0	8548.6	8272.1	8199.9
10°	9221.9	10159.8	10833.1	11001.4	10664.7	9943.3	8957.4	8115.8	7779.1	7719.0
12.5°	8825.2	9726.9	10388.2	10616.6	10460.3	9835.1	8801.1	7839.2	7502.6	7418.4
15°	8608.7	9438.4	9871.2	9943.3	9931.3	9666.8	8801.1	7899.4	7526.6	7430.5
17.5°	8789.1	9354.2	9414.3	9246.0	9342.2	9474.4	8993.5	8224.0	7863.3	7779.1
20°	9149.8	9318.1	9029.6	8777.1	8825.2	9246.0	9294.1	8837.2	8548.6	8404.3
22.5°	9907.3	9450.4	8789.1	8440.4	8476.5	9065.6	9690.8	9666.8	9414.3	9342.2
25°	10676.8	9823.1	8717.0	8308.2	8356.3	9029.6	10159.8	10592.6	10460.3	10424.3
27.5°	11530.4	10448.3	8765.0	8248.0	8308.2	9077.7	10484.4	11374.1	11398.2	11362.1
30°	12107.5	10748.9	8909.3	8320.2	8404.3	9197.9	10556.5	11843.0	12059.5	12071.5
32.5°	12588.5	11049.5	9209.9	8440.4	8584.7	9414.3	10748.9	12287.9	12768.8	12780.9
35°	12973.2	11386.1	9582.6	8656.8	8873.3	9775.0	11001.4	12708.7	13430.1	13514.3
37.5°	13466.2	11758.9	10015.5	9125.7	9366.2	10292.0	11446.3	13201.7	14211.6	14440.1
40°	13995.2	12131.6	10640.7	9883.2	10231.9	11061.5	11951.2	13754.8	14872.9	15185.5
42.5°	14584.4	12528.4	11350.1	10905.2	11434.2	12035.4	12528.4	14259.7	15377.9	15738.6
45°	15161.5	13009.3	12384.1	12299.9	12889.1	13189.7	13093.5	14620.4	15858.8	16219.5
47.5°	15570.3	13706.7	13634.5	14139.5	14692.6	14536.3	13754.8	14884.9	16255.6	16652.4
50°	15943.0	14572.3	15209.6	16195.5	16532.2	16003.1	14464.1	15245.7	16676.4	17121.3
52.5°	16496.1	15498.1	16832.7	18059.1	18383.8	17542.1	15233.6	15834.8	17325.7	17722.5
55°	17626.3	16544.2	18528.0	19934.8	19994.9	18948.9	16267.6	16832.7	18239.5	18696.4
57.5°	18888.7	17830.7	19874.7	21485.8	21461.7	20355.6	17433.9	18179.4	19477.9	19790.5
60°	20031.0	19129.2	21341.5	22591.9	22531.8	21377.6	18792.5	19706.3	20896.6	21137.1
62.5°	20704.3	20307.5	21990.8	22940.6	22712.2	21714.2	19946.8	21065.0	21906.6	21990.8
65°	20596.1	20980.8	21233.3	21822.4	21497.8	20776.4	20511.9	21930.7	22014.8	21930.7
67.5°	19778.5	20596.1	19153.3	19213.4	19045.0	18431.8	19634.2	21702.2	21125.1	20920.7
70°	18540.1	18600.2	16015.1	15257.7	15522.2	14680.6	16844.8	19922.7	19033.0	18780.5
72.5°	16484.1	15738.6	12107.5	11338.1	11734.8	11133.7	13514.3	17361.8	16496.1	15678.5
75°	13826.9	12468.2	9221.9	8127.8	8332.2	8308.2	10472.4	14343.9	12780.9	11963.3
77.5°	10712.8	9714.9	6805.2	6384.4	6168.0	6216.1	7310.2	10664.7	9270.0	8248.0
80°	7827.2	6793.2	5266.2	5506.7	5386.5	5097.9	5122.0	7141.9	6444.5	5831.3
82.5°	5410.5	4833.4	4268.3	4821.4	4532.8	4088.0	3991.8	5146.0	4833.4	4460.7
85°	3631.1	3979.7	3390.6	3691.2	3198.2	2945.7	3751.3	4304.4	3474.8	3102.0
87.5°	2368.6	3643.1	2440.7	1851.6	1058.1	1418.8	2296.5	2825.5	1623.2	877.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)