

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: P598945

Luminaire Tested: **IFLD-S-SA6A-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598945
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

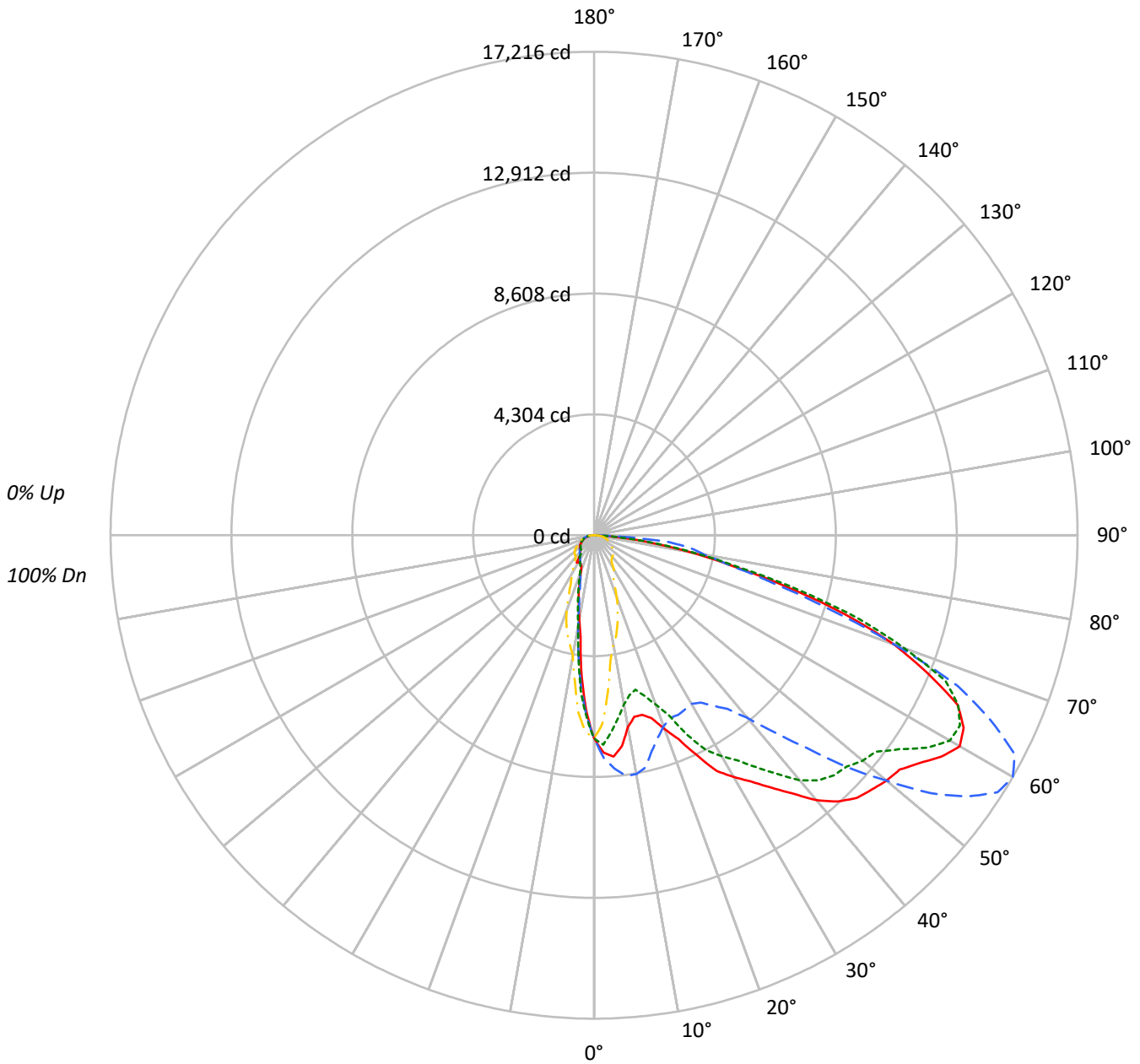
Lumens per Lamp: N/A
 Luminaire Lumens: 22643.2 lumens
 Efficiency: N/A
 Efficacy: 119.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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	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°	51897	51897	51897	51897
5°	57016	50648	36322	39650
10°	50502	44574	22030	23641
15°	49176	42311	15596	16193
20°	56072	48938	10202	11276
25°	68317	62034	8907	9226
30°	82315	75240	9239	8573
35°	96001	88345	7656	7216
40°	115358	106702	7151	6775
45°	134249	122629	7238	6727
50°	151720	139384	7400	6953
55°	176939	166132	7665	7289
60°	215806	209895	7641	7641
65°	242528	242870	7846	8186
70°	238355	246783	8218	8430
75°	196617	209706	8634	9191
80°	141962	149017	9546	9963
85°	78564	84360	10753	13231

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.8	2.5
10°-20°	1186.2	5.2
20°-30°	1735.6	7.7
30°-40°	2445.3	10.8
40°-50°	3360.6	14.8
50°-60°	4580.1	20.2
60°-70°	5012.8	22.1
70°-80°	2894.1	12.8
80°-90°	866.6	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°	3483.7	15.4
0°-40°	5929.0	26.2
0°-60°	13869.8	61.3
0°-90°	22643.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22643.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7232	7232	7232	7232	7232	
5°	7915	7031	5042	5504	7915	719
15°	6619	5695	2099	2180	6619	1934
25°	8628	7835	1125	1165	8628	4040
35°	10959	10085	874	824	10959	6949
45°	13229	12084	713	663	13229	10167
55°	14143	13279	613	583	14143	12761
65°	14283	14304	462	482	14283	13671
75°	7092	7564	311	332	7092	7618
85°	954	1025	131	161	954	1324
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°	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1
2.5°	7744.4	7714.3	7744.4	7854.9	7885.0	7935.2	7935.2	7864.9	7734.3	7674.1	7573.6
5°	7915.2	7864.9	8116.0	8347.1	8527.9	8507.8	8337.0	8196.4	7935.2	7543.5	7171.9
7.5°	7573.6	7623.9	7804.7	8407.3	8829.2	8909.6	8638.4	8357.1	7794.6	7252.2	6750.0
10°	6930.8	7001.1	7392.8	8015.6	8678.5	8809.1	8638.4	8296.8	7623.9	6950.9	6368.3
12.5°	6619.4	6780.1	7011.1	7764.5	8236.6	8548.0	8467.6	8246.6	7493.3	6699.8	6137.3
15°	6619.4	6659.6	7001.1	7633.9	7905.1	7915.2	7945.3	7985.5	7533.5	6810.2	6056.9
17.5°	6830.3	6940.8	7232.1	7623.9	7674.1	7553.5	7553.5	7724.3	7613.8	7121.6	6348.2
20°	7342.6	7302.4	7684.1	7844.8	7573.6	7272.3	7242.2	7533.5	7704.2	7453.1	6880.6
22.5°	7854.9	8035.7	8347.1	7985.5	7483.2	7081.4	7041.3	7402.9	7975.4	8025.6	7493.3
25°	8628.3	8809.1	8969.8	8527.9	7473.2	7031.2	7061.4	7342.6	8306.9	8839.3	8517.8
27.5°	9462.0	9572.5	9803.5	9120.5	7714.3	6971.0	7001.1	7423.0	8618.3	9371.6	9321.4
30°	9934.1	10054.7	10004.4	9231.0	7875.0	7011.1	6930.8	7533.5	8447.5	9371.6	9843.7
32.5°	10396.2	10325.9	10295.7	9411.8	8075.9	7262.3	7061.4	7764.5	8548.0	9522.3	10516.7
35°	10958.7	10858.2	10777.9	9763.4	8407.3	7503.3	7412.9	8065.8	8768.9	9833.7	11059.1
37.5°	11581.4	11581.4	11189.7	10024.5	8799.1	7895.1	7794.6	8497.7	9120.5	10024.5	11802.4
40°	12314.7	12344.8	11651.7	10376.1	9241.0	8517.8	8487.7	9060.2	9462.0	10305.8	12515.6
42.5°	12857.1	12877.2	12053.5	10506.7	9753.3	9381.7	9512.2	9964.3	9853.8	10556.9	12565.8
45°	13228.7	13128.3	12334.8	10878.3	10315.8	10677.4	10717.6	10848.2	10366.0	10707.6	12766.7
47.5°	13409.6	13389.5	12455.3	11310.2	11501.1	11993.3	12224.3	12043.5	10838.1	10546.8	12766.7
50°	13590.4	13419.6	12565.8	11902.9	12656.2	13650.6	13600.4	13268.9	11491.0	10747.7	12575.8
52.5°	13710.9	13560.2	12786.8	12435.2	13761.1	14886.1	15087.0	14474.3	12254.4	11119.4	12666.3
55°	14142.8	14022.3	13449.7	13158.4	15036.8	16191.9	16222.0	15368.3	13058.0	11732.1	13258.9
57.5°	14665.1	14735.4	14363.8	14183.0	16011.1	17146.1	17035.7	16031.2	13741.0	12475.4	13941.9
60°	15036.8	15147.3	15056.9	15077.0	16493.2	17467.6	17216.5	16443.0	14243.3	13037.9	14775.6
62.5°	14835.9	15056.9	15428.5	15348.2	16513.3	17236.5	16885.0	15900.6	14303.5	13771.2	15408.4
65°	14283.4	14303.5	15026.7	15468.7	15609.3	16041.2	15579.2	14765.6	13680.8	14223.2	15318.0
67.5°	12867.1	13027.9	13680.8	14544.6	13952.0	14052.4	14012.2	12837.0	12736.6	13911.8	14624.9
70°	11360.5	11470.9	12184.1	13198.6	11782.3	11310.2	11400.6	10526.7	10938.6	12947.5	13228.7
72.5°	9391.7	9462.0	10275.6	11169.6	9452.0	8608.2	8819.2	8106.0	8688.6	11330.3	11159.6
75°	7091.5	7222.1	7854.9	8909.6	6960.9	6418.5	6629.4	6338.1	6880.6	9331.4	8658.5
77.5°	5042.4	4941.9	5725.4	6971.0	5233.2	4911.8	4931.9	4982.1	5564.7	7864.9	6217.6
80°	3435.3	3465.4	4168.5	5112.7	4108.2	4058.0	4007.8	4409.6	4670.7	6227.7	4520.1
82.5°	2039.1	2039.1	2812.5	3636.1	3244.4	3656.2	3425.2	3786.8	3656.2	4580.3	2963.2
85°	954.2	954.2	1446.4	2621.6	2511.2	3013.4	2561.4	2862.7	2702.0	3194.2	1335.9
87.5°	160.7	140.6	291.3	1285.7	1034.6	1175.2	462.1	1526.8	1697.5	2229.9	331.5
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°	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1
2.5°	7463.1	7392.8	7252.2	7071.4	6920.7	6729.9	6669.6	6539.0	6358.2	6338.1	6257.8
5°	7031.2	6790.2	6488.8	6117.2	5866.1	5604.9	5383.9	5253.3	5102.7	5082.6	5042.4
7.5°	6559.1	6257.8	5755.6	5313.6	4881.7	4469.9	4269.0	4017.8	3847.1	3716.5	3656.2
10°	6117.2	5835.9	5213.2	4610.5	4228.8	3957.6	3716.5	3455.3	3244.4	3083.7	3023.4
12.5°	5825.9	5494.4	4821.4	4248.9	3967.6	3656.2	3385.0	3103.8	2832.6	2621.6	2511.2
15°	5695.3	5383.9	4700.9	4068.1	3656.2	3224.3	2912.9	2631.7	2300.2	2149.5	2099.3
17.5°	6006.7	5544.6	4660.7	3857.1	3274.5	2782.4	2400.7	2099.3	1858.3	1707.6	1647.3
20°	6408.5	5835.9	4731.0	3606.0	2912.9	2360.5	1938.6	1617.2	1456.5	1346.0	1335.9
22.5°	6920.7	6267.8	4841.5	3425.2	2511.2	1898.4	1516.7	1325.9	1215.4	1205.4	1185.3
25°	7834.8	7051.3	5022.3	3184.1	2189.7	1567.0	1295.8	1185.3	1135.0	1104.9	1125.0
27.5°	8618.3	7563.6	5152.9	3033.5	2059.1	1476.6	1255.6	1135.0	1084.8	1074.8	1084.8
30°	9080.3	8035.7	5112.7	2752.2	1798.0	1406.2	1335.9	1295.8	1195.3	1115.0	1115.0
32.5°	9502.2	8337.0	5102.7	2501.1	1536.8	1175.2	1115.0	1084.8	1145.1	1185.3	1155.1
35°	10084.8	8809.1	5072.5	2360.5	1426.3	1084.8	984.4	904.0	863.8	843.7	873.9
37.5°	10707.6	9130.5	4992.2	2340.4	1366.1	1034.6	954.2	873.9	833.7	813.6	803.6
40°	11390.6	9472.1	4901.8	2239.9	1335.9	1004.5	924.1	853.8	803.6	773.4	763.4
42.5°	11832.5	9743.3	4811.4	2189.7	1275.7	984.4	894.0	833.7	783.5	743.3	743.3
45°	12083.7	10064.7	4721.0	2139.5	1205.4	994.4	894.0	813.6	753.3	733.3	713.2
47.5°	12194.2	10305.8	4690.8	2059.1	1145.1	954.2	873.9	793.5	733.3	693.1	683.0
50°	12485.4	10818.0	4801.3	1998.9	1074.8	914.1	924.1	783.5	723.2	673.0	662.9
52.5°	12656.2	11229.9	5042.4	1908.5	1024.6	863.8	904.0	763.4	693.1	642.9	642.9
55°	13279.0	11912.9	5303.6	1838.2	964.3	793.5	833.7	723.2	642.9	612.7	612.7
57.5°	14072.5	12636.1	5524.5	1808.0	924.1	743.3	743.3	703.1	612.7	572.5	562.5
60°	14624.9	13228.7	5655.1	1787.9	883.9	693.1	662.9	703.1	582.6	542.4	532.4
62.5°	14685.2	12887.2	5524.5	1777.9	873.9	642.9	602.7	673.0	552.5	512.3	492.2
65°	14303.5	12194.2	5162.9	1737.7	863.8	592.6	562.5	582.6	512.3	482.1	462.1
67.5°	13540.1	11069.2	4640.6	1717.6	853.8	552.5	512.3	502.2	472.1	442.0	421.9
70°	11762.2	9602.6	4027.9	1627.2	833.7	522.3	462.1	452.0	421.9	401.8	391.7
72.5°	9873.8	7854.9	3324.8	1506.7	793.5	472.1	421.9	401.8	391.7	361.6	351.6
75°	7563.6	6046.9	2661.8	1335.9	693.1	421.9	371.7	351.6	341.5	321.4	311.4
77.5°	5313.6	4500.0	1968.7	1084.8	582.6	381.7	331.5	311.4	301.3	271.2	271.2
80°	3606.0	3154.0	1335.9	753.3	452.0	311.4	291.3	271.2	251.1	231.0	231.0
82.5°	2239.9	2209.8	964.3	492.2	331.5	251.1	231.0	231.0	200.9	180.8	180.8
85°	1024.6	1356.0	673.0	341.5	251.1	190.8	190.8	180.8	160.7	130.6	130.6
87.5°	321.4	452.0	351.6	150.7	140.6	110.5	110.5	100.4	100.4	80.4	80.4
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°	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1
2.5°	6338.1	6328.1	6328.1	6287.9	6388.4	6388.4	6448.6	6398.4	6428.5	6438.6	6519.0
5°	5032.3	5112.7	5173.0	5293.5	5363.8	5394.0	5394.0	5474.3	5444.2	5504.4	5625.0
7.5°	3686.4	3786.8	3967.6	4118.3	4238.8	4279.0	4269.0	4289.0	4319.2	4248.9	4269.0
10°	2983.2	2912.9	2973.2	3113.8	3224.3	3354.9	3254.5	3244.4	3274.5	3244.4	3304.7
12.5°	2491.1	2410.7	2360.5	2360.5	2440.8	2501.1	2471.0	2521.2	2631.7	2661.8	2732.1
15°	2019.0	1948.7	1908.5	1858.3	1938.6	1958.7	1988.8	2059.1	2139.5	2179.7	2260.0
17.5°	1617.2	1617.2	1617.2	1577.0	1607.1	1637.3	1647.3	1737.7	1747.8	1787.9	1818.1
20°	1325.9	1356.0	1406.2	1426.3	1456.5	1456.5	1436.4	1486.6	1446.4	1476.6	1496.6
22.5°	1195.3	1235.5	1255.6	1265.6	1305.8	1315.8	1265.6	1275.7	1285.7	1255.6	1265.6
25°	1125.0	1145.1	1125.0	1135.0	1145.1	1125.0	1135.0	1155.1	1145.1	1165.2	1155.1
27.5°	1094.9	1074.8	1064.7	1054.7	1054.7	1034.6	1044.6	1044.6	1064.7	1074.8	1074.8
30°	1094.9	1064.7	1024.6	994.4	994.4	964.3	984.4	1004.5	1014.5	1034.6	1034.6
32.5°	1125.0	1064.7	994.4	964.3	934.1	914.1	934.1	964.3	1004.5	1014.5	1024.6
35°	894.0	924.1	914.1	873.9	863.8	863.8	853.8	853.8	823.7	823.7	813.6
37.5°	803.6	793.5	813.6	823.7	833.7	803.6	803.6	763.4	753.3	763.4	763.4
40°	753.3	753.3	753.3	783.5	793.5	773.4	743.3	723.2	723.2	723.2	733.3
42.5°	733.3	713.2	703.1	723.2	753.3	733.3	703.1	693.1	693.1	703.1	703.1
45°	703.1	693.1	683.0	673.0	713.2	683.0	673.0	662.9	662.9	662.9	673.0
47.5°	673.0	662.9	642.9	642.9	652.9	642.9	632.8	632.8	632.8	652.9	652.9
50°	652.9	642.9	622.8	622.8	622.8	622.8	612.7	612.7	612.7	622.8	632.8
52.5°	622.8	612.7	602.7	592.6	592.6	592.6	592.6	592.6	592.6	602.7	612.7
55°	592.6	582.6	572.5	572.5	582.6	582.6	572.5	582.6	572.5	582.6	592.6
57.5°	562.5	552.5	542.4	552.5	562.5	552.5	552.5	552.5	552.5	552.5	562.5
60°	522.3	522.3	522.3	522.3	542.4	542.4	542.4	542.4	522.3	532.4	542.4
62.5°	502.2	492.2	492.2	502.2	512.3	512.3	522.3	512.3	502.2	512.3	512.3
65°	462.1	462.1	462.1	472.1	472.1	482.1	482.1	482.1	472.1	482.1	482.1
67.5°	431.9	431.9	431.9	431.9	452.0	452.0	452.0	452.0	442.0	442.0	452.0
70°	381.7	391.7	381.7	401.8	421.9	411.8	421.9	421.9	411.8	401.8	421.9
72.5°	351.6	351.6	351.6	351.6	381.7	381.7	381.7	391.7	381.7	371.7	381.7
75°	311.4	311.4	311.4	321.4	341.5	341.5	341.5	341.5	341.5	331.5	331.5
77.5°	271.2	281.2	271.2	281.2	301.3	291.3	301.3	311.4	301.3	291.3	291.3
80°	231.0	231.0	231.0	241.1	251.1	251.1	251.1	261.2	251.1	241.1	241.1
82.5°	180.8	180.8	190.8	190.8	200.9	200.9	200.9	210.9	200.9	190.8	190.8
85°	140.6	140.6	140.6	150.7	150.7	160.7	160.7	170.8	170.8	160.7	160.7
87.5°	90.4	80.4	90.4	90.4	100.4	100.4	90.4	80.4	90.4	80.4	70.3
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: P598945
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1	7232.1
2.5°	6599.3	6780.1	6910.7	7001.1	7131.7	7382.8	7483.2	7664.0	7714.3	7744.4
5°	5675.2	5866.1	6147.3	6348.2	6579.2	7051.3	7412.9	7684.1	7804.7	7915.2
7.5°	4449.8	4700.9	4992.2	5253.3	5635.0	6217.6	6689.7	7252.2	7463.1	7573.6
10°	3475.4	3706.5	4027.9	4349.3	4881.7	5373.9	6046.9	6559.1	6850.4	6930.8
12.5°	2933.0	3204.2	3585.9	3977.7	4309.1	4871.6	5554.7	6298.0	6569.2	6619.4
15°	2491.1	2862.7	3254.5	3656.2	4037.9	4530.1	5263.4	6167.4	6569.2	6619.4
17.5°	2059.1	2390.6	2852.7	3284.6	3726.5	4399.5	5313.6	6277.9	6679.7	6830.3
20°	1637.3	1958.7	2320.3	2862.7	3465.4	4178.6	5424.1	6649.5	7181.9	7342.6
22.5°	1356.0	1496.6	1848.2	2370.5	3083.7	4027.9	5534.6	7232.1	7794.6	7854.9
25°	1185.3	1285.7	1506.7	1998.9	2782.4	3927.4	5795.7	7905.1	8628.3	8628.3
27.5°	1104.9	1145.1	1295.8	1737.7	2571.4	3837.0	6056.9	8648.4	9321.4	9462.0
30°	1084.8	1185.3	1265.6	1546.9	2340.4	3585.9	6298.0	9231.0	9924.1	9934.1
32.5°	1064.7	1044.6	1104.9	1346.0	2059.1	3324.8	6498.9	9823.6	10366.0	10396.2
35°	833.7	873.9	974.3	1185.3	1848.2	3133.9	6599.3	10145.1	10928.5	10958.7
37.5°	783.5	833.7	914.1	1094.9	1707.6	2973.2	6629.4	10767.8	11521.2	11581.4
40°	763.4	803.6	863.8	1014.5	1597.1	2772.3	6689.7	11410.7	12395.0	12314.7
42.5°	723.2	773.4	833.7	974.3	1506.7	2621.6	6699.8	11762.2	12857.1	12857.1
45°	713.2	743.3	813.6	974.3	1406.2	2491.1	6539.0	12113.8	13389.5	13228.7
47.5°	673.0	733.3	793.5	944.2	1285.7	2360.5	6348.2	12294.6	13459.8	13409.6
50°	662.9	723.2	823.7	894.0	1215.4	2300.2	6308.0	12746.6	13600.4	13590.4
52.5°	642.9	703.1	853.8	853.8	1125.0	2219.9	6498.9	12947.5	13630.5	13710.9
55°	612.7	703.1	793.5	783.5	1044.6	2119.4	6709.8	13469.8	14162.9	14142.8
57.5°	592.6	683.0	753.3	713.2	954.2	2049.1	7021.2	13972.0	14805.8	14665.1
60°	562.5	683.0	673.0	662.9	883.9	1988.8	7282.3	14072.5	14946.4	15036.8
62.5°	542.4	713.2	592.6	612.7	823.7	1958.7	7171.9	13319.2	14755.5	14835.9
65°	522.3	612.7	542.4	562.5	803.6	1898.4	6739.9	12415.1	13931.9	14283.4
67.5°	482.1	502.2	502.2	522.3	783.5	1757.8	5856.0	10787.9	12676.3	12867.1
70°	442.0	452.0	452.0	482.1	763.4	1597.1	4831.5	9331.4	10998.8	11360.5
72.5°	401.8	401.8	401.8	442.0	703.1	1466.5	3977.7	7171.9	9140.6	9391.7
75°	351.6	351.6	351.6	391.7	632.8	1335.9	3133.9	5333.7	6729.9	7091.5
77.5°	311.4	311.4	301.3	351.6	552.5	1084.8	2260.0	3766.7	4741.1	5042.4
80°	261.2	251.1	251.1	281.2	431.9	783.5	1456.5	2661.8	3304.7	3435.3
82.5°	210.9	200.9	190.8	210.9	311.4	492.2	904.0	1858.3	2119.4	2039.1
85°	200.9	210.9	170.8	160.7	221.0	321.4	572.5	1145.1	954.2	954.2
87.5°	80.4	70.3	70.3	60.3	110.5	120.5	251.1	210.9	160.7	160.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)