

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: P599161

Luminaire Tested: **IFLD-L-SA7D-727-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599161
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

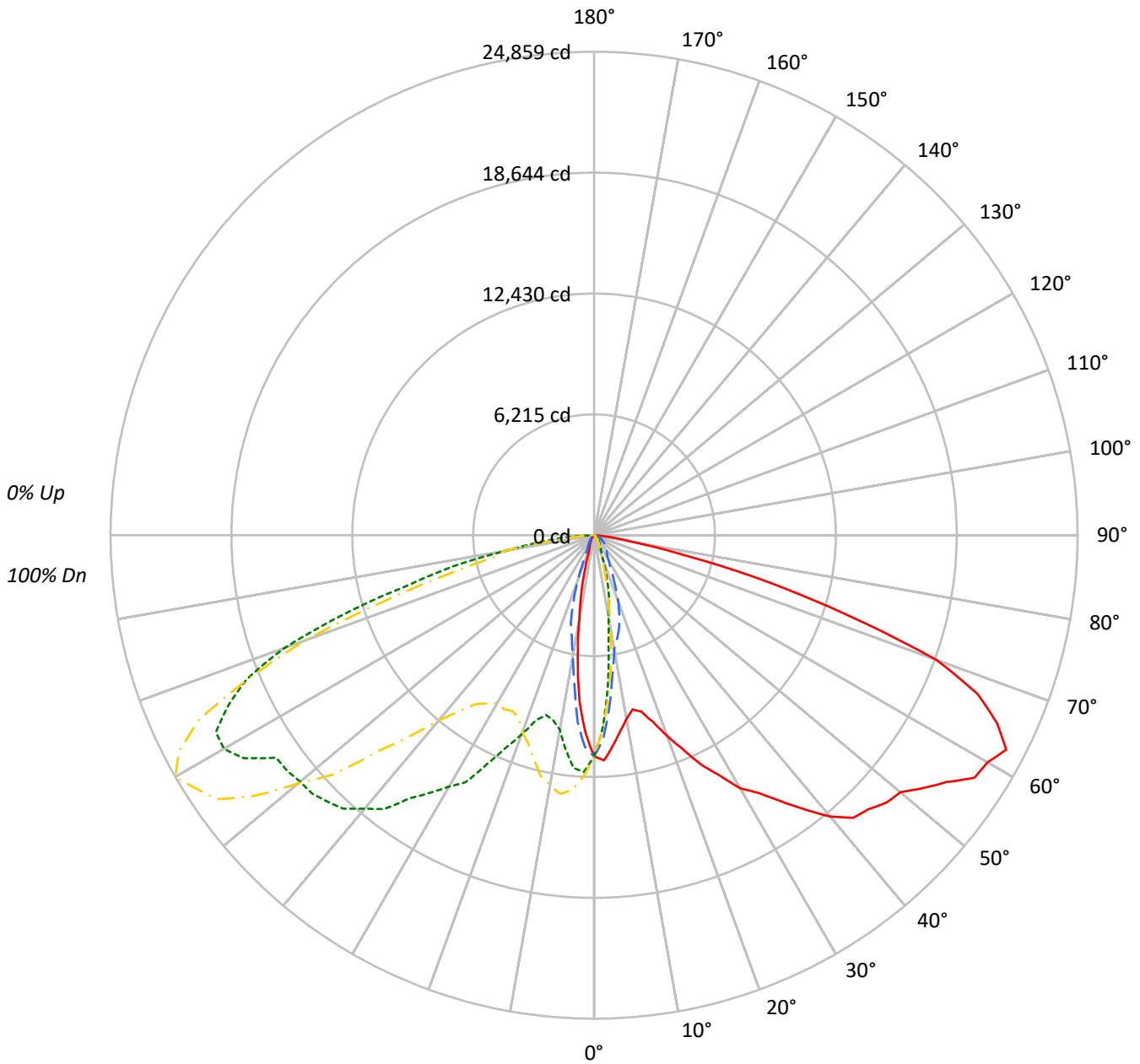
Lumens per Lamp: N/A
 Luminaire Lumens: 29714.9 lumens
 Efficiency: N/A
 Efficacy: 70.3 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	61139	61139	61139	61139
5°	58862	43021	46311	64878
10°	52406	23423	23730	55471
15°	52315	15623	9552	53297
20°	62814	7800	3808	62447
25°	77259	4900	2950	76879
30°	93349	3933	2240	92752
35°	109534	3158	1737	108429
40°	132606	2701	1126	128947
45°	151708	2439	610	147500
50°	172120	2348	134	165076
55°	207622	2255	0	187176
60°	251369	1897	0	236450
65°	291069	1531	0	264542
70°	294738	1260	0	266752
75°	190744	834	0	204570
80°	65055	248	0	144758
85°	32648	0	0	106360

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	860.5	2.9
10°-20°	1666.3	5.6
20°-30°	2320.8	7.8
30°-40°	3297.5	11.1
40°-50°	4572.7	15.4
50°-60°	6230.6	21.0
60°-70°	6850.0	23.1
70°-80°	3366.7	11.3
80°-90°	549.8	1.9
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°	4847.6	16.3
0°-40°	8145.1	27.4
0°-60°	18948.4	63.8
0°-90°	29714.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29714.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11360	11360	11360	11360	11360	
5°	10895	7963	8572	12009	10895	997
15°	9389	2804	1714	9566	9389	2779
25°	13010	825	497	12946	13010	6049
35°	16672	481	264	16503	16672	10583
45°	19932	320	80	19379	19932	15451
55°	22127	240	0	19948	22127	19905
65°	22856	120	0	20773	22856	22088
75°	9173	40	0	9838	9173	10000
85°	529	0	0	1722	529	731
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°	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0
2.5°	11592.3	11728.5	11600.3	11151.7	11071.6	10855.3	10526.8	10502.8	10158.3	10198.4	10014.1
5°	10895.3	11031.5	10759.1	10166.3	9613.5	9172.9	8908.5	8435.9	8331.7	8099.4	8099.4
7.5°	10182.3	10174.3	9709.7	9213.0	8387.8	7578.7	7210.1	6529.2	6128.6	5912.3	5704.0
10°	9589.5	9461.3	9172.9	8147.5	7250.2	6409.0	5952.4	5503.7	5087.2	4726.7	4366.1
12.5°	9172.9	9253.0	8796.4	7682.8	6521.2	5936.4	5447.7	4975.0	4478.3	4069.7	3669.2
15°	9389.2	9261.0	8724.3	7578.7	6401.0	5599.9	4951.0	4374.2	3821.4	3284.6	2980.2
17.5°	10062.2	9733.7	9100.8	7578.7	6152.7	5087.2	4302.1	3621.1	3028.3	2547.6	2171.1
20°	10967.4	10590.9	9909.9	7859.1	5968.4	4710.6	3637.1	2779.9	2163.0	1714.4	1426.0
22.5°	11896.7	11600.3	10574.9	7971.2	5752.1	4205.9	2868.0	2010.8	1442.0	1153.6	1009.4
25°	13010.3	12593.7	11472.1	8419.8	5431.6	3717.2	2259.2	1402.0	1073.5	921.3	833.2
27.5°	13899.6	13827.5	12313.3	8692.2	5191.3	3316.7	1786.5	1113.6	889.3	777.1	721.0
30°	15021.1	14628.6	13338.8	9237.0	4918.9	2860.0	1490.1	1001.4	817.1	697.0	656.9
32.5°	15694.1	15509.8	13875.5	9541.4	4614.5	2483.5	1281.8	881.2	745.0	656.9	616.9
35°	16671.5	16302.9	14644.6	9733.7	4454.3	2267.2	1153.6	801.1	624.9	536.8	488.7
37.5°	17761.0	17624.8	15565.9	9725.7	4221.9	2139.0	1065.5	745.0	592.8	496.7	440.6
40°	18874.6	18321.8	16126.7	9950.0	4101.8	2042.9	1001.4	713.0	560.8	472.7	400.6
42.5°	19707.7	19074.8	16775.6	9869.9	3957.6	1874.6	977.4	664.9	536.8	432.6	368.5
45°	19932.1	19707.7	17360.4	9845.9	3853.4	1738.4	937.3	656.9	520.7	408.6	344.5
47.5°	20364.7	20212.4	18081.4	9885.9	3773.3	1634.3	841.2	672.9	496.7	384.5	328.5
50°	20556.9	20284.5	18666.3	9982.0	3589.1	1506.1	753.1	705.0	488.7	376.5	312.4
52.5°	21350.0	21109.7	19467.4	10254.4	3436.8	1337.9	664.9	672.9	504.7	352.5	296.4
55°	22127.1	21854.8	20701.1	10879.3	3220.5	1201.7	568.8	592.8	480.7	320.5	264.4
57.5°	23192.6	22744.0	21526.3	11135.7	3028.3	1017.4	504.7	488.7	448.6	288.4	232.3
60°	23352.9	23537.1	21406.1	10975.4	2828.0	897.3	440.6	376.5	480.7	256.4	200.3
62.5°	23889.6	23120.5	20845.3	10606.9	2683.8	825.2	392.6	312.4	416.6	224.3	168.2
65°	22856.2	22287.4	19531.5	9421.3	2499.5	833.2	344.5	256.4	264.4	184.3	136.2
67.5°	21342.0	20893.4	17352.4	8131.4	2315.3	817.1	304.4	224.3	200.3	160.2	120.2
70°	18730.4	17761.0	14740.7	6601.3	2042.9	761.1	256.4	200.3	168.2	128.2	88.1
72.5°	13627.2	13234.6	10574.9	5103.2	1834.6	689.0	240.3	168.2	144.2	96.1	72.1
75°	9172.9	8524.0	6673.4	3348.7	1474.1	600.8	200.3	152.2	112.2	72.1	56.1
77.5°	4846.8	4582.4	3781.3	1594.2	817.1	280.4	112.2	88.1	64.1	56.1	32.0
80°	2099.0	1866.6	1634.3	648.9	288.4	128.2	72.1	48.1	40.1	32.0	16.0
82.5°	1073.5	1025.4	849.2	280.4	168.2	96.1	40.1	32.0	24.0	16.0	8.0
85°	528.7	544.8	448.6	88.1	96.1	56.1	8.0	8.0	0.0	0.0	0.0
87.5°	40.1	40.1	32.0	16.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0
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°	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0
2.5°	9942.0	10054.1	9861.9	9982.0	9926.0	9950.0	9974.0	9909.9	9926.0	10150.3	10158.3
5°	7963.2	8179.5	8099.4	8211.6	8403.8	8307.7	8395.8	8379.8	8395.8	8427.9	8572.1
7.5°	5680.0	5615.9	5768.1	6064.5	6409.0	6617.3	6513.2	6457.1	6425.0	6344.9	6441.1
10°	4286.0	4254.0	4213.9	4302.1	4526.4	4758.7	4886.9	4670.6	4550.4	4398.2	4342.1
12.5°	3557.0	3356.7	3244.6	3108.4	3172.5	3380.8	3388.8	3180.5	2988.2	2908.1	2996.2
15°	2803.9	2667.8	2467.5	2275.2	2179.1	2339.3	2203.1	2002.8	1754.5	1722.4	1714.4
17.5°	2002.8	1922.7	1778.5	1698.4	1586.2	1546.2	1402.0	1097.5	921.3	873.2	889.3
20°	1361.9	1297.8	1289.8	1217.7	1169.6	1137.6	905.3	705.0	648.9	656.9	664.9
22.5°	1009.4	977.4	937.3	929.3	889.3	849.2	664.9	592.8	552.8	552.8	576.8
25°	825.2	809.1	769.1	753.1	737.0	681.0	560.8	504.7	488.7	472.7	496.7
27.5°	705.0	697.0	672.9	648.9	632.9	576.8	488.7	440.6	424.6	424.6	424.6
30°	632.9	632.9	600.8	552.8	552.8	488.7	416.6	384.5	368.5	368.5	360.5
32.5°	592.8	576.8	536.8	504.7	480.7	416.6	368.5	336.5	312.4	312.4	320.5
35°	480.7	480.7	472.7	448.6	416.6	352.5	312.4	280.4	264.4	256.4	264.4
37.5°	424.6	400.6	368.5	376.5	360.5	304.4	264.4	240.3	216.3	216.3	216.3
40°	384.5	360.5	328.5	304.4	296.4	272.4	232.3	192.3	168.2	160.2	160.2
42.5°	344.5	328.5	280.4	240.3	232.3	232.3	176.2	144.2	120.2	120.2	120.2
45°	320.5	296.4	256.4	208.3	168.2	176.2	144.2	104.1	88.1	80.1	80.1
47.5°	304.4	280.4	224.3	176.2	128.2	128.2	104.1	72.1	56.1	48.1	48.1
50°	280.4	256.4	200.3	144.2	96.1	80.1	64.1	40.1	24.0	16.0	16.0
52.5°	264.4	240.3	176.2	120.2	80.1	56.1	40.1	8.0	0.0	0.0	0.0
55°	240.3	208.3	152.2	96.1	64.1	32.0	8.0	0.0	0.0	0.0	0.0
57.5°	208.3	184.3	120.2	72.1	40.1	8.0	0.0	0.0	0.0	0.0	0.0
60°	176.2	152.2	96.1	56.1	16.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	144.2	128.2	72.1	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	120.2	96.1	56.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	104.1	80.1	40.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	80.1	56.1	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	56.1	40.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	40.1	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0
2.5°	10190.3	10430.7	10655.0	10719.1	10895.3	11384.0	11384.0	11616.3	12032.9	12185.1	12217.2
5°	8596.1	8852.5	8900.5	9397.2	9629.6	10126.3	10454.7	11239.8	11712.5	12008.9	12193.2
7.5°	6537.2	6625.3	6809.6	7274.2	7730.9	8331.7	8956.6	9958.0	10791.2	11127.7	11752.5
10°	4494.3	4758.7	5159.3	5575.8	6288.9	6953.8	7762.9	8708.3	9733.7	10150.3	10687.0
12.5°	3028.3	3396.8	4037.7	4630.5	5287.4	5960.4	6729.5	7995.3	9156.9	9733.7	10270.5
15°	1770.5	2219.1	2771.9	3733.3	4606.5	5359.5	6128.6	7410.4	8820.4	9565.5	10222.4
17.5°	897.3	1033.5	1490.1	2323.3	3476.9	4710.6	5856.2	7490.5	9076.8	9990.1	10534.8
20°	672.9	713.0	841.2	1233.7	2379.3	3893.5	5599.9	7610.7	9789.8	10903.3	11199.8
22.5°	584.8	616.9	672.9	801.1	1337.9	2980.2	5239.4	7907.1	10759.1	11808.6	12433.5
25°	496.7	528.7	576.8	656.9	857.2	2026.9	4798.8	8219.6	11624.4	12946.2	13531.0
27.5°	432.6	456.6	504.7	568.8	697.0	1289.8	4037.7	8636.2	12946.2	14324.2	14476.4
30°	368.5	392.6	432.6	504.7	592.8	913.3	2964.2	8692.2	13675.2	14925.0	15349.6
32.5°	320.5	328.5	376.5	440.6	496.7	721.0	2082.9	8748.3	14212.0	15702.1	15790.2
35°	264.4	280.4	328.5	368.5	432.6	568.8	1578.2	8467.9	14909.0	16503.2	16479.2
37.5°	216.3	240.3	272.4	304.4	352.5	480.7	1257.8	7947.2	15782.2	17745.0	16991.9
40°	168.2	192.3	224.3	264.4	296.4	432.6	945.3	7162.1	16695.5	18353.8	17552.7
42.5°	120.2	136.2	168.2	208.3	264.4	360.5	681.0	6232.8	17056.0	19066.8	18225.6
45°	88.1	104.1	128.2	176.2	272.4	288.4	472.7	5383.6	17440.5	19379.3	18073.4
47.5°	48.1	64.1	96.1	152.2	240.3	216.3	336.5	4622.5	17881.2	19659.7	18193.6
50°	16.0	24.0	56.1	160.2	192.3	168.2	264.4	4213.9	18313.8	19715.7	18433.9
52.5°	0.0	0.0	32.0	168.2	144.2	128.2	232.3	4053.7	18201.6	19892.0	18281.7
55°	0.0	0.0	8.0	72.1	80.1	96.1	192.3	4045.7	18994.7	19948.1	19114.9
57.5°	0.0	0.0	0.0	24.0	48.1	80.1	168.2	3789.3	19499.4	21342.0	20236.5
60°	0.0	0.0	0.0	8.0	32.0	56.1	128.2	3565.0	20012.2	21966.9	21438.2
62.5°	0.0	0.0	0.0	0.0	8.0	24.0	88.1	3220.5	18978.7	21918.8	22599.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	56.1	2547.6	17072.0	20773.2	21958.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	32.0	1762.5	14949.0	19331.2	20781.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1065.5	12065.0	16951.9	17624.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	456.6	8612.1	13458.9	14460.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.3	5327.5	9837.8	11071.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.1	3452.9	7450.5	8403.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	1842.6	4670.6	5431.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	801.1	2836.0	3268.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256.4	1722.4	1962.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.4	352.5
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: P599161
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0	11360.0
2.5°	12233.2	12465.5	12553.7	12417.5	12433.5	12153.1	12113.0	11720.5	11560.3	11592.3
5°	12794.0	13130.5	13314.7	13162.5	12818.0	12281.3	11792.6	11327.9	11039.5	10895.3
7.5°	12665.8	13042.4	13274.7	13418.9	13026.3	12161.1	11416.1	10542.8	10174.3	10182.3
10°	11960.8	12745.9	13218.6	13034.3	12850.1	11984.9	10831.2	9885.9	9557.5	9589.5
12.5°	11392.0	12265.3	12545.7	12689.9	12313.3	11624.4	10847.3	9765.7	9397.2	9172.9
15°	11039.5	11688.4	11704.5	11928.8	11776.6	11776.6	11015.5	9958.0	9637.6	9389.2
17.5°	11039.5	11183.7	11167.7	11247.8	11504.2	11808.6	11440.1	10735.1	10102.2	10062.2
20°	11287.9	10839.3	10735.1	10767.2	10983.5	11888.7	12377.4	11496.2	11095.6	10967.4
22.5°	11864.7	10879.3	10246.4	10134.3	10799.2	11880.7	12978.3	12697.9	12000.9	11896.7
25°	12657.8	10807.2	10118.2	9974.0	10478.7	12169.1	13803.4	13859.5	13226.6	13010.3
27.5°	13410.9	11127.7	10102.2	10070.2	10735.1	12105.0	14372.2	14788.8	14075.8	13899.6
30°	13667.2	11448.1	10398.6	9974.0	10831.2	12337.4	14356.2	15445.7	14981.1	15021.1
32.5°	13971.7	11768.6	10430.7	10262.4	11239.8	12713.9	14812.8	16503.2	16166.8	15694.1
35°	14420.3	12201.2	10735.1	10582.9	11528.2	13050.4	14909.0	17280.3	17224.2	16671.5
37.5°	14804.8	12625.8	11368.0	11392.0	12409.5	13595.1	15333.6	18233.7	18137.5	17761.0
40°	15077.2	13218.6	12353.4	12417.5	13178.5	14204.0	16086.6	18714.3	19427.3	18874.6
42.5°	15117.3	13747.3	13483.0	13995.7	14708.7	15149.3	16391.1	19042.8	20068.2	19707.7
45°	15269.5	14588.5	15325.6	15702.1	16286.9	15982.5	16375.0	19603.6	20116.3	19932.1
47.5°	15862.3	16118.7	17048.0	18193.6	18401.9	17400.5	16759.6	19691.7	20388.7	20364.7
50°	16479.2	17761.0	19066.8	19827.9	20092.3	18377.9	17120.1	19619.6	20749.2	20556.9
52.5°	17168.2	19187.0	21069.7	22007.0	21862.8	19459.4	17528.7	20204.4	21414.1	21350.0
55°	17600.8	19827.9	22359.5	23665.3	23553.1	20669.1	18826.5	21045.6	22287.4	22127.1
57.5°	18746.4	20869.4	23641.3	24250.1	24546.5	22255.3	19731.8	22423.6	23016.4	23192.6
60°	19691.7	21550.3	23977.7	24859.0	24963.1	23200.7	21318.0	23841.6	23945.7	23352.9
62.5°	21077.7	21814.7	23264.7	24057.9	24594.6	23737.4	22744.0	24602.6	23929.7	23889.6
65°	22095.1	20949.5	21934.9	22375.5	22720.0	22920.3	24178.0	25123.4	23633.3	22856.2
67.5°	21526.3	19315.2	19130.9	19155.0	19259.1	20468.8	23697.3	23849.6	21982.9	21342.0
70°	18946.7	15846.3	15598.0	15790.2	15269.5	16727.5	21750.6	21678.5	19395.3	18730.4
72.5°	15325.6	11552.3	11127.7	11392.0	11512.2	13058.4	18297.8	16439.1	14147.9	13627.2
75°	12177.1	8467.9	7146.1	7787.0	8195.5	9509.4	14292.1	11167.7	9877.9	9172.9
77.5°	9565.5	6409.0	5559.8	5303.5	5680.0	6913.7	10398.6	5864.3	5175.3	4846.8
80°	6064.5	4710.6	5111.2	4742.7	4902.9	4934.9	5415.6	2667.8	2123.0	2099.0
82.5°	3653.1	3220.5	3829.4	2107.0	3837.4	3428.8	2251.2	1209.7	1073.5	1073.5
85°	2587.6	1994.8	1321.9	857.2	1706.4	1882.6	873.2	624.9	544.8	528.7
87.5°	1297.8	616.9	296.4	192.3	216.3	352.5	104.1	48.1	48.1	40.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)