

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: P599193

Luminaire Tested: **IFLD-L-SA8B-730-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: P599193
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

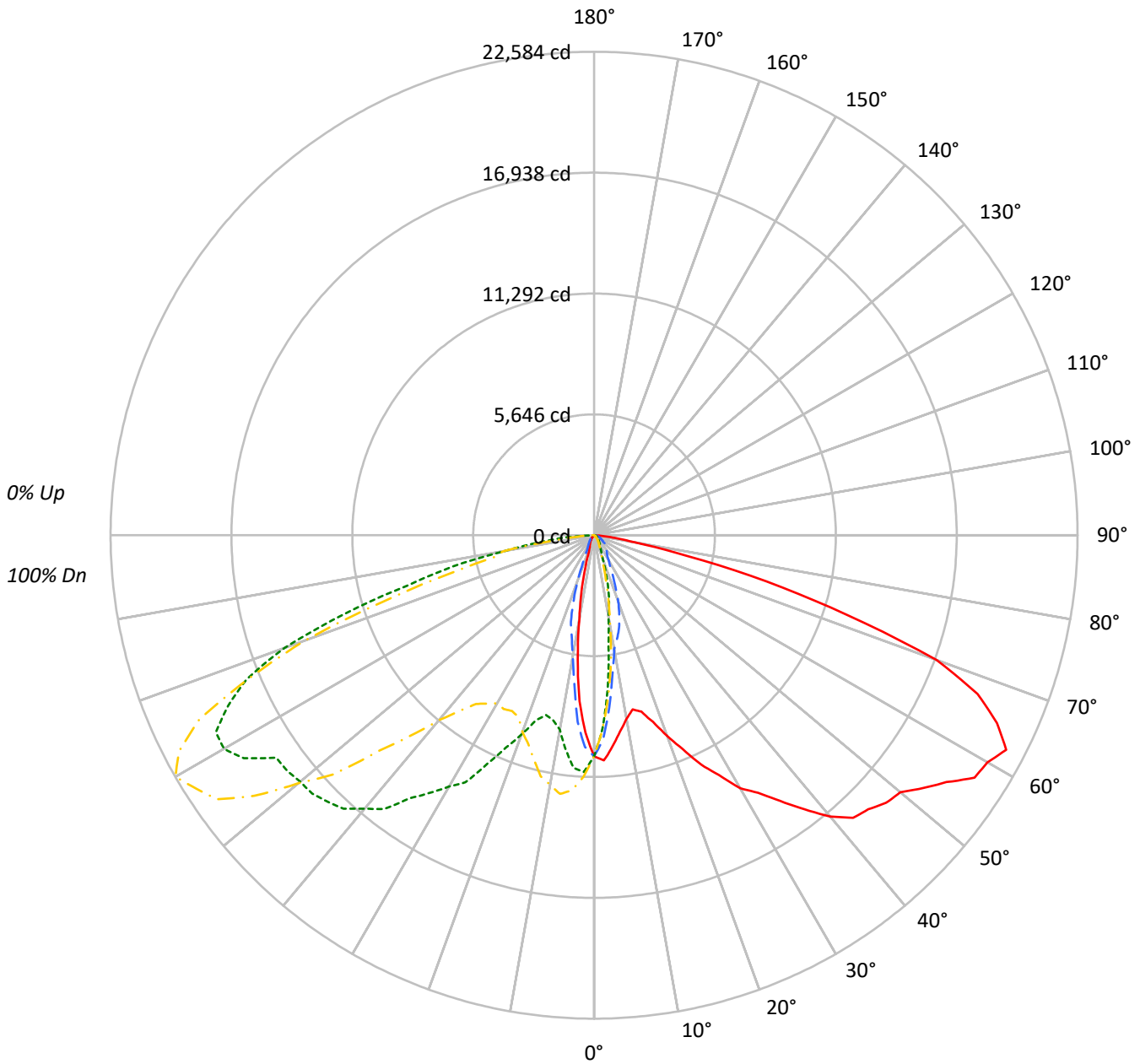
Lumens per Lamp: N/A
 Luminaire Lumens: 26995.2 lumens
 Efficiency: N/A
 Efficacy: 84.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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	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°	55543	55543	55543	55543
5°	53475	39084	42072	58940
10°	47610	21279	21558	50394
15°	47527	14193	8678	48419
20°	57065	7086	3460	56732
25°	70188	4451	2679	69843
30°	84806	3573	2035	84263
35°	99509	2869	1578	98504
40°	120469	2454	1023	117146
45°	137822	2216	554	134000
50°	156366	2133	122	149968
55°	188619	2048	0	170044
60°	228362	1723	0	214809
65°	264428	1391	0	240330
70°	267760	1146	0	242336
75°	173285	757	0	185847
80°	59098	226	0	131508
85°	29665	0	0	96628

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	781.8	2.9
10°-20°	1513.8	5.6
20°-30°	2108.3	7.8
30°-40°	2995.7	11.1
40°-50°	4154.2	15.4
50°-60°	5660.3	21.0
60°-70°	6223.1	23.1
70°-80°	3058.6	11.3
80°-90°	499.5	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°	4403.9	16.3
0°-40°	7399.6	27.4
0°-60°	17214.1	63.8
0°-90°	26995.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26995.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10320	10320	10320	10320	10320	
5°	9898	7234	7788	10910	9898	906
15°	8530	2547	1558	8690	8530	2525
25°	11820	750	451	11761	11820	5495
35°	15146	437	240	14993	15146	9614
45°	18108	291	73	17606	18108	14037
55°	20102	218	0	18122	20102	18083
65°	20764	109	0	18872	20764	20066
75°	8333	36	0	8937	8333	9085
85°	480	0	0	1565	480	664
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°	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2
2.5°	10531.3	10655.0	10538.6	10131.0	10058.2	9861.7	9563.3	9541.5	9228.5	9264.9	9097.5
5°	9898.1	10021.9	9774.4	9235.8	8733.6	8333.3	8093.2	7663.8	7569.2	7358.1	7358.1
7.5°	9250.4	9243.1	8821.0	8369.7	7620.1	6885.0	6550.2	5931.6	5567.7	5371.2	5182.0
10°	8711.8	8595.4	8333.3	7401.8	6586.6	5822.4	5407.6	5000.0	4621.6	4294.0	3966.5
12.5°	8333.3	8406.1	7991.3	6979.6	5924.3	5393.0	4949.1	4519.7	4068.4	3697.2	3333.3
15°	8529.9	8413.4	7925.8	6885.0	5815.1	5087.3	4497.8	3973.8	3471.6	2984.0	2707.4
17.5°	9141.2	8842.8	8267.8	6885.0	5589.5	4621.6	3908.3	3289.7	2751.1	2314.4	1972.3
20°	9963.6	9621.6	9002.9	7139.7	5422.1	4279.5	3304.2	2525.5	1965.1	1557.5	1295.5
22.5°	10807.9	10538.6	9607.0	7241.6	5225.6	3821.0	2605.5	1826.8	1310.0	1048.0	917.0
25°	11819.5	11441.1	10422.1	7649.2	4934.5	3377.0	2052.4	1273.7	975.3	837.0	756.9
27.5°	12627.4	12561.9	11186.3	7896.7	4716.2	3013.1	1623.0	1011.6	807.9	706.0	655.0
30°	13646.3	13289.7	12117.9	8391.6	4468.7	2598.3	1353.7	909.8	742.4	633.2	596.8
32.5°	14257.7	14090.3	12605.6	8668.1	4192.1	2256.2	1164.5	800.6	676.9	596.8	560.4
35°	15145.6	14810.8	13304.2	8842.8	4046.6	2059.7	1048.0	727.8	567.7	487.6	444.0
37.5°	16135.4	16011.7	14141.2	8835.5	3835.5	1943.2	968.0	676.9	538.6	451.2	400.3
40°	17147.0	16644.9	14650.7	9039.3	3726.4	1855.9	909.8	647.7	509.5	429.4	363.9
42.5°	17904.0	17329.0	15240.2	8966.5	3595.3	1703.1	887.9	604.1	487.6	393.0	334.8
45°	18107.7	17904.0	15771.5	8944.7	3500.7	1579.3	851.5	596.8	473.1	371.2	313.0
47.5°	18500.8	18362.5	16426.5	8981.1	3428.0	1484.7	764.2	611.4	451.2	349.3	298.4
50°	18675.4	18428.0	16957.8	9068.4	3260.6	1368.3	684.1	640.5	444.0	342.1	283.8
52.5°	19396.0	19177.6	17685.6	9315.9	3122.3	1215.4	604.1	611.4	458.5	320.2	269.3
55°	20101.9	19854.5	18806.4	9883.6	2925.8	1091.7	516.7	538.6	436.7	291.1	240.2
57.5°	21069.9	20662.3	19556.1	10116.5	2751.1	924.3	458.5	444.0	407.6	262.0	211.1
60°	21215.5	21382.9	19446.9	9970.9	2569.1	815.1	400.3	342.1	436.7	232.9	182.0
62.5°	21703.1	21004.4	18937.4	9636.1	2438.1	749.6	356.6	283.8	378.5	203.8	152.8
65°	20764.2	20247.5	17743.8	8559.0	2270.7	756.9	313.0	232.9	240.2	167.4	123.7
67.5°	19388.7	18981.1	15764.2	7387.2	2103.4	742.4	276.6	203.8	182.0	145.6	109.2
70°	17016.0	16135.4	13391.6	5997.1	1855.9	691.4	232.9	182.0	152.8	116.4	80.1
72.5°	12379.9	12023.3	9607.0	4636.1	1666.7	625.9	218.3	152.8	131.0	87.3	65.5
75°	8333.3	7743.8	6062.6	3042.2	1339.2	545.9	182.0	138.3	101.9	65.5	50.9
77.5°	4403.2	4163.0	3435.2	1448.3	742.4	254.7	101.9	80.1	58.2	50.9	29.1
80°	1906.8	1695.8	1484.7	589.5	262.0	116.4	65.5	43.7	36.4	29.1	14.6
82.5°	975.3	931.6	771.5	254.7	152.8	87.3	36.4	29.1	21.8	14.6	7.3
85°	480.4	494.9	407.6	80.1	87.3	50.9	7.3	7.3	0.0	0.0	0.0
87.5°	36.4	36.4	29.1	14.6	21.8	7.3	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°	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2
2.5°	9032.0	9133.9	8959.3	9068.4	9017.5	9039.3	9061.2	9002.9	9017.5	9221.3	9228.5
5°	7234.4	7430.9	7358.1	7460.0	7634.7	7547.3	7627.4	7612.8	7627.4	7656.5	7787.5
7.5°	5160.1	5101.9	5240.2	5509.5	5822.4	6011.7	5917.0	5866.1	5837.0	5764.2	5851.5
10°	3893.7	3864.6	3828.2	3908.3	4112.1	4323.2	4439.6	4243.1	4133.9	3995.6	3944.7
12.5°	3231.4	3049.5	2947.6	2823.9	2882.1	3071.3	3078.6	2889.4	2714.7	2641.9	2722.0
15°	2547.3	2423.6	2241.6	2067.0	1979.6	2125.2	2001.5	1819.5	1593.9	1564.8	1557.5
17.5°	1819.5	1746.7	1615.7	1542.9	1441.1	1404.7	1273.7	997.1	837.0	793.3	807.9
20°	1237.3	1179.0	1171.8	1106.3	1062.6	1033.5	822.4	640.5	589.5	596.8	604.1
22.5°	917.0	887.9	851.5	844.3	807.9	771.5	604.1	538.6	502.2	502.2	524.0
25°	749.6	735.1	698.7	684.1	669.6	618.6	509.5	458.5	444.0	429.4	451.2
27.5°	640.5	633.2	611.4	589.5	575.0	524.0	444.0	400.3	385.7	385.7	385.7
30°	575.0	575.0	545.9	502.2	502.2	444.0	378.5	349.3	334.8	334.8	327.5
32.5°	538.6	524.0	487.6	458.5	436.7	378.5	334.8	305.7	283.8	283.8	291.1
35°	436.7	436.7	429.4	407.6	378.5	320.2	283.8	254.7	240.2	232.9	240.2
37.5°	385.7	363.9	334.8	342.1	327.5	276.6	240.2	218.3	196.5	196.5	196.5
40°	349.3	327.5	298.4	276.6	269.3	247.5	211.1	174.7	152.8	145.6	145.6
42.5°	313.0	298.4	254.7	218.3	211.1	211.1	160.1	131.0	109.2	109.2	109.2
45°	291.1	269.3	232.9	189.2	152.8	160.1	131.0	94.6	80.1	72.8	72.8
47.5°	276.6	254.7	203.8	160.1	116.4	116.4	94.6	65.5	50.9	43.7	43.7
50°	254.7	232.9	182.0	131.0	87.3	72.8	58.2	36.4	21.8	14.6	14.6
52.5°	240.2	218.3	160.1	109.2	72.8	50.9	36.4	7.3	0.0	0.0	0.0
55°	218.3	189.2	138.3	87.3	58.2	29.1	7.3	0.0	0.0	0.0	0.0
57.5°	189.2	167.4	109.2	65.5	36.4	7.3	0.0	0.0	0.0	0.0	0.0
60°	160.1	138.3	87.3	50.9	14.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	131.0	116.4	65.5	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	109.2	87.3	50.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	94.6	72.8	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	72.8	50.9	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	50.9	36.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	36.4	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.3	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°	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2
2.5°	9257.7	9476.0	9679.8	9738.0	9898.1	10342.1	10342.1	10553.1	10931.6	11069.9	11099.0
5°	7809.3	8042.2	8085.9	8537.1	8748.2	9199.4	9497.8	10211.1	10640.5	10909.8	11077.2
7.5°	5938.9	6018.9	6186.3	6608.5	7023.3	7569.2	8136.8	9046.6	9803.5	10109.2	10676.9
10°	4083.0	4323.2	4687.1	5065.5	5713.3	6317.3	7052.4	7911.2	8842.8	9221.3	9708.9
12.5°	2751.1	3085.9	3668.1	4206.7	4803.5	5414.9	6113.5	7263.5	8318.8	8842.8	9330.4
15°	1608.4	2016.0	2518.2	3391.6	4184.9	4869.0	5567.7	6732.2	8013.1	8690.0	9286.8
17.5°	815.1	938.9	1353.7	2110.6	3158.7	4279.5	5320.2	6805.0	8246.0	9075.7	9570.6
20°	611.4	647.7	764.2	1120.8	2161.6	3537.1	5087.3	6914.1	8893.8	9905.4	10174.7
22.5°	531.3	560.4	611.4	727.8	1215.4	2707.4	4759.8	7183.4	9774.4	10727.8	11295.5
25°	451.2	480.4	524.0	596.8	778.7	1841.3	4359.5	7467.3	10560.4	11761.3	12292.6
27.5°	393.0	414.8	458.5	516.7	633.2	1171.8	3668.1	7845.7	11761.3	13013.1	13151.4
30°	334.8	356.6	393.0	458.5	538.6	829.7	2692.9	7896.7	12423.6	13559.0	13944.7
32.5°	291.1	298.4	342.1	400.3	451.2	655.0	1892.3	7947.6	12911.2	14264.9	14345.0
35°	240.2	254.7	298.4	334.8	393.0	516.7	1433.8	7692.9	13544.4	14992.7	14970.9
37.5°	196.5	218.3	247.5	276.6	320.2	436.7	1142.7	7219.8	14337.7	16120.8	15436.7
40°	152.8	174.7	203.8	240.2	269.3	393.0	858.8	6506.6	15167.4	16674.0	15946.2
42.5°	109.2	123.7	152.8	189.2	240.2	327.5	618.6	5662.3	15494.9	17321.7	16557.5
45°	80.1	94.6	116.4	160.1	247.5	262.0	429.4	4890.8	15844.3	17605.6	16419.2
47.5°	43.7	58.2	87.3	138.3	218.3	196.5	305.7	4199.4	16244.6	17860.3	16528.4
50°	14.6	21.8	50.9	145.6	174.7	152.8	240.2	3828.2	16637.6	17911.2	16746.8
52.5°	0.0	0.0	29.1	152.8	131.0	116.4	211.1	3682.7	16535.7	18071.4	16608.5
55°	0.0	0.0	7.3	65.5	72.8	87.3	174.7	3675.4	17256.2	18122.3	17365.4
57.5°	0.0	0.0	0.0	21.8	43.7	72.8	152.8	3442.5	17714.7	19388.7	18384.3
60°	0.0	0.0	0.0	7.3	29.1	50.9	116.4	3238.7	18180.5	19956.4	19476.0
62.5°	0.0	0.0	0.0	0.0	7.3	21.8	80.1	2925.8	17241.7	19912.7	20531.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	50.9	2314.4	15509.5	18871.9	19949.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1601.2	13580.8	17561.9	18879.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	968.0	10960.7	15400.3	16011.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	414.8	7823.9	12227.1	13136.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.4	4839.9	8937.4	10058.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.5	3136.8	6768.6	7634.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	1673.9	4243.1	4934.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	727.8	2576.4	2969.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	232.9	1564.8	1783.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.2	320.2
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: P599193
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2	10320.2
2.5°	11113.6	11324.6	11404.7	11280.9	11295.5	11040.8	11004.4	10647.8	10502.2	10531.3
5°	11623.0	11928.7	12096.1	11957.8	11644.9	11157.2	10713.3	10291.1	10029.1	9898.1
7.5°	11506.6	11848.6	12059.7	12190.7	11834.1	11048.1	10371.2	9577.9	9243.1	9250.4
10°	10866.1	11579.3	12008.8	11841.4	11674.0	10887.9	9839.9	8981.1	8682.7	8711.8
12.5°	10349.4	11142.7	11397.4	11528.4	11186.3	10560.4	9854.5	8871.9	8537.1	8333.3
15°	10029.1	10618.6	10633.2	10837.0	10698.7	10698.7	10007.3	9046.6	8755.5	8529.9
17.5°	10029.1	10160.1	10145.6	10218.4	10451.3	10727.8	10393.0	9752.6	9177.6	9141.2
20°	10254.7	9847.2	9752.6	9781.7	9978.2	10800.6	11244.6	10444.0	10080.1	9963.6
22.5°	10778.8	9883.6	9308.6	9206.7	9810.8	10793.3	11790.4	11535.7	10902.5	10807.9
25°	11499.3	9818.1	9192.2	9061.2	9519.7	11055.3	12540.0	12591.0	12016.0	11819.5
27.5°	12183.4	10109.2	9177.6	9148.5	9752.6	10997.1	13056.8	13435.2	12787.5	12627.4
30°	12416.3	10400.3	9446.9	9061.2	9839.9	11208.2	13042.2	14032.0	13609.9	13646.3
32.5°	12692.9	10691.4	9476.0	9323.2	10211.1	11550.2	13457.1	14992.7	14687.1	14257.7
35°	13100.5	11084.4	9752.6	9614.3	10473.1	11855.9	13544.4	15698.7	15647.8	15145.6
37.5°	13449.8	11470.2	10327.5	10349.4	11273.7	12350.8	13930.2	16564.8	16477.5	16135.4
40°	13697.3	12008.8	11222.7	11280.9	11972.4	12904.0	14614.3	17001.5	17649.2	17147.0
42.5°	13733.6	12489.1	12248.9	12714.7	13362.5	13762.8	14890.9	17299.9	18231.5	17904.0
45°	13871.9	13253.3	13922.9	14264.9	14796.2	14519.7	14876.3	17809.3	18275.1	18107.7
47.5°	14410.5	14643.4	15487.7	16528.4	16717.6	15807.9	15225.6	17889.4	18522.6	18500.8
50°	14970.9	16135.4	17321.7	18013.1	18253.3	16695.8	15553.2	17823.9	18850.1	18675.4
52.5°	15596.8	17430.9	19141.2	19992.8	19861.7	17678.3	15924.3	18355.2	19454.2	19396.0
55°	15989.8	18013.1	20313.0	21499.3	21397.4	18777.3	17103.4	19119.4	20247.5	20101.9
57.5°	17030.6	18959.3	21477.5	22030.6	22299.9	20218.4	17925.8	20371.2	20909.8	21069.9
60°	17889.4	19577.9	21783.2	22583.7	22678.3	21077.2	19366.8	21659.4	21754.0	21215.5
62.5°	19148.5	19818.1	21135.4	21855.9	22343.6	21564.8	20662.3	22350.8	21739.5	21703.1
65°	20072.8	19032.1	19927.3	20327.5	20640.5	20822.5	21965.1	22823.9	21470.2	20764.2
67.5°	19556.1	17547.3	17379.9	17401.8	17496.4	18595.4	21528.4	21666.7	19970.9	19388.7
70°	17212.5	14395.9	14170.3	14345.0	13871.9	15196.5	19759.9	19694.4	17620.1	17016.0
72.5°	13922.9	10494.9	10109.2	10349.4	10458.5	11863.2	16623.0	14934.5	12853.0	12379.9
75°	11062.6	7692.9	6492.0	7074.2	7445.4	8639.0	12984.0	10145.6	8973.8	8333.3
77.5°	8690.0	5822.4	5051.0	4818.1	5160.1	6280.9	9446.9	5327.5	4701.6	4403.2
80°	5509.5	4279.5	4643.4	4308.6	4454.2	4483.3	4919.9	2423.6	1928.7	1906.8
82.5°	3318.8	2925.8	3478.9	1914.1	3486.2	3115.0	2045.1	1099.0	975.3	975.3
85°	2350.8	1812.2	1200.9	778.7	1550.2	1710.3	793.3	567.7	494.9	480.4
87.5°	1179.0	560.4	269.3	174.7	196.5	320.2	94.6	43.7	43.7	36.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)