

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: P598687

Luminaire Tested: **IFLD-S-SA6D-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: P598687
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

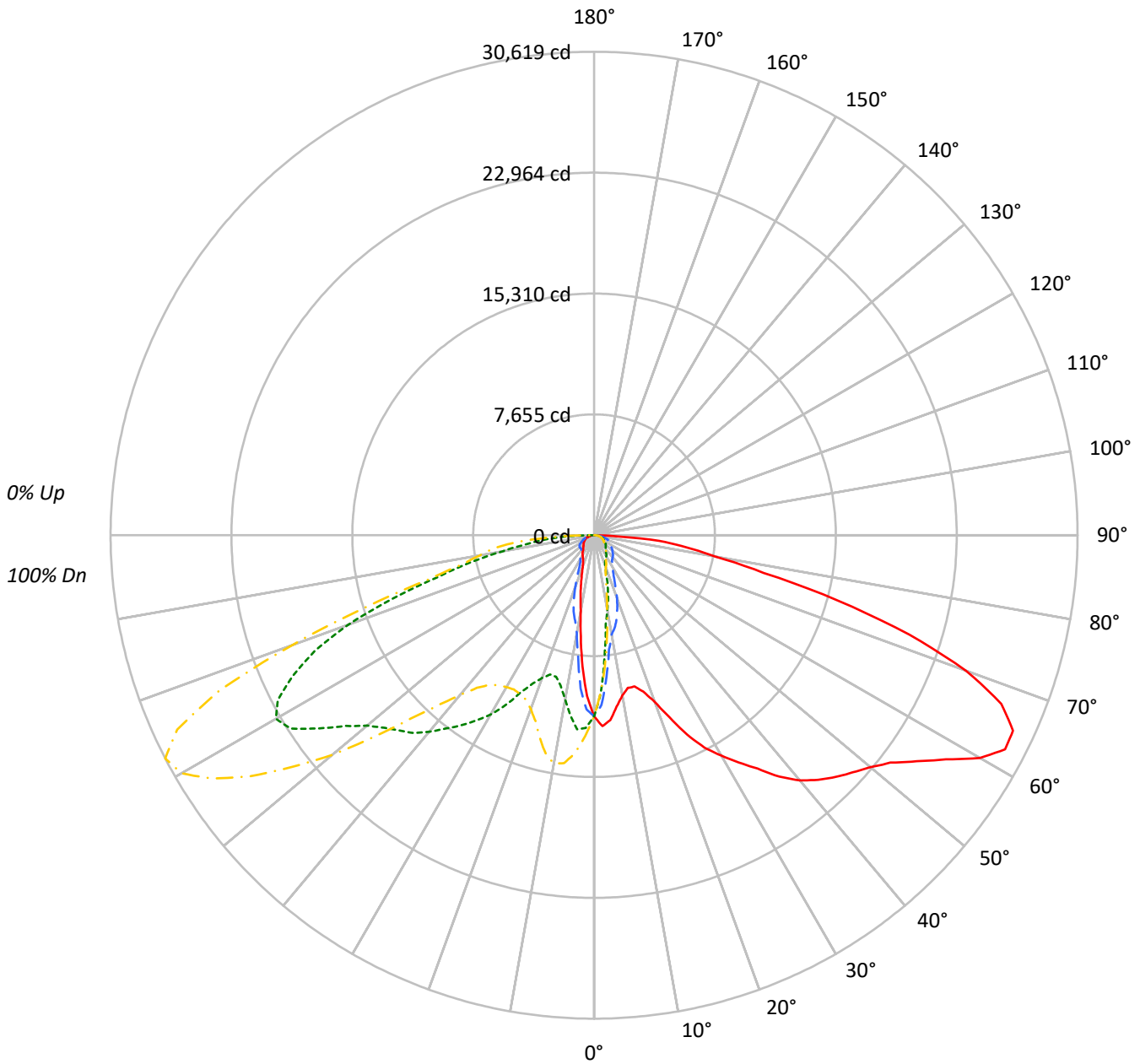
Lumens per Lamp: N/A
 Luminaire Lumens: 38357.2 lumens
 Efficiency: N/A
 Efficacy: 104.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	82222	82222	82222	82222
5°	84617	55024	60111	88894
10°	75071	34963	35314	76825
15°	73677	24798	23486	68908
20°	85661	15686	15808	73406
25°	110162	13468	13087	86783
30°	133503	12766	11968	108638
35°	158012	11246	10825	128772
40°	189862	10673	9921	152131
45°	219693	10586	9608	177351
50°	255113	10750	9675	209429
55°	312198	11042	9837	266823
60°	404891	11055	10363	333724
65°	497012	11173	10628	357226
70°	525920	11785	11112	347807
75°	442708	12457	11124	283867
80°	321634	14588	11273	245369
85°	340890	21144	9246	255007

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	886.8	2.3
10°-20°	1855.8	4.8
20°-30°	2674.5	7.0
30°-40°	3850.2	10.0
40°-50°	5468.9	14.3
50°-60°	7862.7	20.5
60°-70°	9084.0	23.7
70°-80°	5143.6	13.4
80°-90°	1530.7	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°	5417.1	14.1
0°-40°	9267.3	24.2
0°-60°	22598.9	58.9
0°-90°	38357.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	38357.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11458	11458	11458	11458	11458	
5°	11747	7639	8345	12341	11747	1066
15°	9917	3338	3161	9276	9917	2916
25°	13913	1701	1653	10960	13913	6458
35°	18038	1284	1236	14700	18038	11448
45°	21648	1043	947	17476	21648	16763
55°	24954	883	786	21327	24954	22600
65°	29271	658	626	21038	29271	28069
75°	15967	449	401	10238	15967	16942
85°	4140	257	112	3097	4140	4123
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°	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0
2.5°	12099.9	12083.9	11987.6	11682.7	11361.7	11056.8	10768.0	10463.1	10302.6	10110.0	10029.8
5°	11746.9	11714.8	11442.0	10768.0	10174.2	9532.3	8986.7	8553.4	8200.3	7847.3	7718.9
7.5°	10944.5	10896.3	10575.4	9644.6	8778.1	7943.6	7285.6	6724.0	6258.6	6050.0	5809.2
10°	10302.6	10222.3	9805.1	8778.1	7654.7	6820.2	6387.0	6001.8	5600.6	5263.6	4910.6
12.5°	9901.4	9805.1	9371.8	8168.2	7077.0	6451.1	6001.8	5568.5	5071.0	4653.8	4268.7
15°	9917.4	9805.1	9275.5	8007.8	6932.6	6130.2	5504.3	4910.6	4332.9	3867.5	3434.2
17.5°	10382.8	10238.4	9676.7	8232.4	6820.2	5713.0	4878.5	4108.2	3450.2	2952.8	2599.7
20°	11217.3	11121.0	10479.1	8569.4	6707.9	5263.6	4236.6	3305.8	2615.8	2230.6	2086.2
22.5°	12469.0	12356.7	11666.6	9083.0	6675.8	4862.4	3546.5	2599.7	2102.2	1941.8	1861.5
25°	13913.3	13704.7	13062.8	9949.5	6740.0	4493.3	2984.9	2150.4	1877.6	1765.2	1717.1
27.5°	15165.0	15036.6	14314.5	10768.0	6772.1	4204.5	2599.7	1957.8	1749.2	1652.9	1620.8
30°	16111.8	16063.7	15357.6	11666.6	6691.9	3851.4	2359.0	1877.6	1749.2	1652.9	1556.6
32.5°	17058.6	17074.7	16320.4	12356.7	6579.5	3546.5	2134.3	1669.0	1540.6	1476.4	1492.4
35°	18037.5	18117.8	17475.9	13030.7	6338.8	3434.2	1973.9	1556.6	1444.3	1348.0	1299.9
37.5°	19273.2	19481.8	18856.0	13784.9	6098.1	3337.9	1893.6	1476.4	1364.0	1283.8	1219.6
40°	20268.1	20653.3	20284.2	14491.0	5937.6	3225.6	1829.4	1396.1	1315.9	1219.6	1171.5
42.5°	21006.3	21455.7	21327.3	15036.6	5937.6	3113.2	1765.2	1348.0	1283.8	1171.5	1107.3
45°	21648.2	22113.6	22097.6	15598.3	6066.0	3049.0	1685.0	1348.0	1251.7	1139.4	1075.2
47.5°	22226.0	22691.3	22851.8	16304.4	6274.6	3017.0	1588.7	1315.9	1251.7	1123.3	1027.0
50°	22851.8	23365.3	23846.8	17427.7	6531.4	2936.7	1524.5	1267.8	1267.8	1107.3	995.0
52.5°	23654.2	24231.9	25114.5	18823.9	6788.1	2792.3	1428.2	1235.7	1267.8	1091.2	962.9
55°	24954.1	25435.5	26590.9	20492.8	7109.1	2615.8	1348.0	1155.4	1203.6	1043.1	914.7
57.5°	26414.4	26831.6	27794.5	21776.6	7205.4	2391.1	1235.7	1075.2	1155.4	995.0	850.5
60°	28211.7	28420.3	28420.3	22145.7	6884.4	2182.5	1155.4	1011.0	1043.1	946.8	802.4
62.5°	29351.1	29351.1	28420.3	21471.7	6274.6	2006.0	1091.2	946.8	914.7	882.6	754.2
65°	29270.9	29142.5	27762.4	19513.9	5568.5	1893.6	1027.0	866.6	818.4	802.4	706.1
67.5°	27922.9	27698.2	25820.6	16753.7	4830.3	1845.5	962.9	786.3	754.2	722.1	641.9
70°	25066.4	24488.7	22177.8	13480.0	4108.2	1813.4	946.8	722.1	690.0	658.0	593.8
72.5°	20926.1	20187.9	17315.4	10366.8	3450.2	1701.0	898.7	641.9	625.9	593.8	529.6
75°	15967.4	14603.3	12083.9	7927.5	2680.0	1476.4	770.3	561.7	561.7	545.6	481.4
77.5°	11008.7	10302.6	8425.0	5857.4	1957.8	1139.4	625.9	497.5	497.5	513.5	449.3
80°	7783.1	7125.1	6001.8	4204.5	1235.7	770.3	481.4	417.2	465.4	497.5	417.2
82.5°	5953.7	5472.2	4461.2	3065.1	722.1	529.6	369.1	337.0	401.2	433.3	353.0
85°	4140.3	3562.6	2262.7	2054.1	417.2	321.0	272.8	272.8	353.0	433.3	321.0
87.5°	1171.5	497.5	144.4	609.8	176.5	128.4	96.3	64.2	96.3	96.3	64.2
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°	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0
2.5°	9949.5	9853.2	9853.2	9821.1	9837.2	9853.2	9837.2	9949.5	9997.7	10061.9	10190.2
5°	7638.7	7767.1	7670.8	7767.1	7895.4	8088.0	8136.1	8280.6	8296.6	8409.0	8344.8
7.5°	5664.8	5648.8	5568.5	5680.9	6033.9	6306.7	6435.1	6515.3	6531.4	6531.4	6451.1
10°	4798.2	4653.8	4509.4	4429.1	4461.2	4750.1	4846.4	4894.5	4862.4	4910.6	4846.4
12.5°	4108.2	3979.8	3771.2	3626.8	3530.5	3610.7	3707.0	3755.1	3787.2	3867.5	3931.7
15°	3337.9	3209.5	3081.1	3000.9	2920.7	2856.5	2936.7	2984.9	3065.1	3129.3	3161.4
17.5°	2535.5	2471.3	2407.1	2455.3	2455.3	2423.2	2455.3	2471.3	2503.4	2551.6	2535.5
20°	2054.1	2038.0	2022.0	2102.2	2166.4	2166.4	2198.5	2150.4	2134.3	2086.2	2070.1
22.5°	1829.4	1829.4	1845.5	1909.7	1973.9	2006.0	2006.0	1925.7	1845.5	1813.4	1829.4
25°	1701.0	1701.0	1749.2	1765.2	1797.3	1797.3	1813.4	1733.1	1685.0	1636.9	1652.9
27.5°	1604.8	1604.8	1620.8	1620.8	1636.9	1636.9	1652.9	1620.8	1556.6	1540.6	1540.6
30°	1540.6	1540.6	1524.5	1524.5	1524.5	1524.5	1540.6	1492.4	1460.3	1444.3	1444.3
32.5°	1476.4	1460.3	1444.3	1444.3	1428.2	1428.2	1444.3	1396.1	1380.1	1380.1	1380.1
35°	1283.8	1267.8	1283.8	1315.9	1315.9	1332.0	1332.0	1315.9	1283.8	1251.7	1235.7
37.5°	1203.6	1187.5	1187.5	1187.5	1219.6	1235.7	1251.7	1219.6	1171.5	1123.3	1123.3
40°	1139.4	1139.4	1123.3	1123.3	1123.3	1155.4	1187.5	1139.4	1075.2	1059.1	1059.1
42.5°	1091.2	1075.2	1059.1	1043.1	1027.0	1075.2	1107.3	1043.1	1011.0	1011.0	1011.0
45°	1043.1	1027.0	1011.0	995.0	978.9	995.0	1027.0	962.9	946.8	946.8	946.8
47.5°	995.0	978.9	946.8	930.8	914.7	914.7	946.8	898.7	882.6	898.7	898.7
50°	962.9	930.8	898.7	882.6	866.6	866.6	866.6	850.5	850.5	850.5	866.6
52.5°	930.8	898.7	850.5	834.5	818.4	818.4	818.4	818.4	802.4	818.4	834.5
55°	882.6	850.5	818.4	802.4	786.3	770.3	786.3	770.3	770.3	786.3	786.3
57.5°	818.4	786.3	754.2	754.2	738.2	738.2	754.2	738.2	738.2	754.2	754.2
60°	770.3	738.2	706.1	706.1	690.0	706.1	722.1	706.1	706.1	706.1	722.1
62.5°	706.1	690.0	658.0	658.0	658.0	658.0	674.0	658.0	674.0	674.0	674.0
65°	658.0	625.9	609.8	609.8	609.8	609.8	641.9	609.8	625.9	625.9	625.9
67.5°	609.8	577.7	561.7	561.7	561.7	561.7	593.8	561.7	577.7	593.8	577.7
70°	561.7	529.6	513.5	513.5	513.5	513.5	529.6	513.5	513.5	529.6	529.6
72.5°	497.5	481.4	465.4	465.4	449.3	465.4	481.4	465.4	465.4	465.4	465.4
75°	449.3	433.3	433.3	417.2	417.2	417.2	433.3	401.2	401.2	401.2	401.2
77.5°	417.2	385.1	385.1	385.1	369.1	385.1	369.1	337.0	337.0	337.0	337.0
80°	353.0	321.0	337.0	337.0	321.0	321.0	304.9	272.8	272.8	272.8	272.8
82.5°	288.9	256.8	272.8	272.8	272.8	272.8	240.7	224.7	208.6	192.6	192.6
85°	256.8	208.6	240.7	240.7	224.7	224.7	160.5	160.5	128.4	128.4	112.3
87.5°	48.1	32.1	64.2	80.2	80.2	96.3	64.2	80.2	48.1	32.1	32.1
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°	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0
2.5°	10174.2	10350.7	10591.4	10768.0	11040.8	11249.4	11570.3	11843.1	12099.9	12212.2	12324.6
5°	8537.3	8649.7	9018.8	9307.6	9740.9	10206.3	10784.0	11409.9	12051.8	12340.6	12677.6
7.5°	6387.0	6595.6	6804.2	7221.4	7751.0	8505.2	9243.4	10174.2	11072.9	11506.1	12083.9
10°	4958.7	5119.2	5359.9	5793.2	6290.7	6916.5	7799.1	8906.4	9981.6	10543.3	11137.1
12.5°	3979.8	4204.5	4525.4	4974.8	5552.5	6194.4	6836.3	7863.3	9115.1	9757.0	10431.0
15°	3225.6	3402.1	3755.1	4316.8	4990.8	5648.8	6322.8	7173.3	8537.3	9275.5	10077.9
17.5°	2567.6	2696.0	3017.0	3578.6	4252.6	4990.8	5761.1	6836.3	8344.8	9243.4	10190.2
20°	2086.2	2182.5	2391.1	2808.3	3450.2	4252.6	5215.5	6515.3	8457.1	9612.5	10768.0
22.5°	1829.4	1861.5	1957.8	2182.5	2712.0	3562.6	4718.0	6242.5	8665.7	10158.1	11714.8
25°	1652.9	1685.0	1717.1	1861.5	2166.4	2968.8	4284.7	6082.0	9115.1	10960.5	12806.0
27.5°	1540.6	1572.7	1588.7	1652.9	1861.5	2535.5	3915.6	5985.8	9724.9	12132.0	14154.0
30°	1444.3	1444.3	1492.4	1588.7	1733.1	2230.6	3594.7	5761.1	10366.8	13110.9	15213.1
32.5°	1364.0	1380.1	1444.3	1492.4	1588.7	1973.9	3273.7	5472.2	10944.5	13913.3	16256.2
35°	1219.6	1219.6	1235.7	1315.9	1444.3	1765.2	2984.9	5183.4	11265.4	14699.6	17187.0
37.5°	1123.3	1139.4	1171.5	1235.7	1348.0	1620.8	2744.1	4862.4	11602.4	15437.8	18278.2
40°	1059.1	1075.2	1107.3	1171.5	1283.8	1492.4	2535.5	4605.7	11955.5	16240.2	19449.7
42.5°	1011.0	1027.0	1059.1	1123.3	1219.6	1460.3	2310.9	4397.0	12164.1	16978.4	20557.0
45°	962.9	978.9	1027.0	1091.2	1171.5	1428.2	2182.5	4252.6	12244.3	17475.9	21439.6
47.5°	914.7	930.8	978.9	1075.2	1171.5	1380.1	2134.3	4172.4	12308.5	18037.5	22145.7
50°	866.6	898.7	962.9	1059.1	1187.5	1315.9	2102.2	4156.3	12677.6	18759.7	22819.7
52.5°	834.5	882.6	946.8	1059.1	1171.5	1219.6	2086.2	4204.5	13415.8	19834.9	23782.6
55°	802.4	850.5	914.7	1059.1	1123.3	1139.4	2006.0	4284.7	14539.1	21327.3	25146.6
57.5°	770.3	802.4	882.6	1027.0	1059.1	1075.2	1845.5	4397.0	15662.5	22787.6	26542.8
60°	722.1	754.2	834.5	1027.0	962.9	1011.0	1636.9	4429.1	16464.9	23253.0	26671.2
62.5°	674.0	706.1	786.3	1059.1	882.6	946.8	1460.3	4316.8	16625.3	22579.0	25949.0
65°	625.9	658.0	722.1	882.6	818.4	882.6	1348.0	4011.9	16095.8	21038.4	24633.1
67.5°	577.7	609.8	658.0	722.1	738.2	802.4	1299.9	3530.5	14763.8	19128.8	22835.8
70°	513.5	545.6	593.8	641.9	658.0	754.2	1219.6	3065.1	12613.4	16577.2	20637.2
72.5°	465.4	481.4	529.6	561.7	593.8	690.0	1171.5	2680.0	9644.6	13415.8	16834.0
75°	401.2	401.2	449.3	481.4	513.5	609.8	1075.2	2230.6	6804.2	10238.4	12372.7
77.5°	337.0	337.0	369.1	401.2	433.3	529.6	914.7	1813.4	4718.0	8120.1	8970.6
80°	256.8	256.8	288.9	321.0	353.0	449.3	738.2	1332.0	2920.7	5937.6	6531.4
82.5°	176.5	176.5	224.7	240.7	256.8	353.0	561.7	914.7	1717.1	4284.7	4669.9
85°	96.3	96.3	128.4	144.4	176.5	256.8	417.2	641.9	1027.0	3097.2	3113.2
87.5°	16.0	16.0	48.1	48.1	80.2	128.4	240.7	353.0	577.7	1717.1	1091.2
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: P598687
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0	11458.0
2.5°	12533.2	12709.7	12725.8	12725.8	12645.5	12661.6	12436.9	12196.2	12116.0	12099.9
5°	13191.1	13656.5	13784.9	13849.1	13640.5	13319.5	12741.8	12116.0	11795.0	11746.9
7.5°	13062.8	13993.5	14491.0	14555.2	14138.0	13383.7	12372.7	11409.9	11040.8	10944.5
10°	12308.5	13560.2	14458.9	14683.6	14234.2	13271.4	11955.5	10832.1	10382.8	10302.6
12.5°	11779.0	12982.5	13865.1	14170.1	13961.4	13127.0	11746.9	10463.1	10013.7	9901.4
15°	11490.1	12597.4	13175.1	13271.4	13255.3	12902.3	11746.9	10543.3	10045.8	9917.4
17.5°	11730.8	12485.1	12565.3	12340.6	12469.0	12645.5	12003.6	10976.6	10495.1	10382.8
20°	12212.2	12436.9	12051.8	11714.8	11779.0	12340.6	12404.8	11795.0	11409.9	11217.3
22.5°	13223.2	12613.4	11730.8	11265.4	11313.6	12099.9	12934.4	12902.3	12565.3	12469.0
25°	14250.3	13110.9	11634.5	11088.9	11153.1	12051.8	13560.2	14138.0	13961.4	13913.3
27.5°	15389.7	13945.4	11698.7	11008.7	11088.9	12116.0	13993.5	15181.1	15213.1	15165.0
30°	16160.0	14346.6	11891.3	11105.0	11217.3	12276.4	14089.8	15806.9	16095.8	16111.8
32.5°	16801.9	14747.8	12292.5	11265.4	11458.0	12565.3	14346.6	16400.7	17042.6	17058.6
35°	17315.4	15197.1	12790.0	11554.3	11843.1	13046.7	14683.6	16962.3	17925.2	18037.5
37.5°	17973.3	15694.6	13367.7	12180.1	12501.1	13736.8	15277.3	17620.3	18968.3	19273.2
40°	18679.4	16192.1	14202.1	13191.1	13656.5	14763.8	15951.3	18358.5	19850.9	20268.1
42.5°	19465.8	16721.6	15149.0	14555.2	15261.3	16063.7	16721.6	19032.5	20524.9	21006.3
45°	20236.1	17363.5	16529.1	16416.7	17203.1	17604.2	17475.9	19513.9	21166.8	21648.2
47.5°	20781.7	18294.3	18198.0	18872.0	19610.2	19401.6	18358.5	19867.0	21696.4	22226.0
50°	21279.1	19449.7	20300.2	21616.1	22065.5	21359.4	19305.3	20348.4	22258.1	22851.8
52.5°	22017.3	20685.4	22466.7	24103.5	24536.8	23413.5	20332.3	21134.7	23124.6	23654.2
55°	23525.8	22081.5	24729.4	26607.0	26687.2	25291.1	21712.4	22466.7	24344.2	24954.1
57.5°	25210.8	23798.6	26526.7	28677.1	28645.0	27168.6	23269.1	24264.0	25997.2	26414.4
60°	26735.3	25531.8	28484.5	30153.5	30073.2	28532.7	25082.4	26302.1	27890.8	28211.7
62.5°	27634.0	27104.4	29351.1	30618.9	30314.0	28982.0	26623.0	28115.4	29238.8	29351.1
65°	27489.6	28003.1	28340.1	29126.4	28693.2	27730.3	27377.2	29270.9	29383.2	29270.9
67.5°	26398.3	27489.6	25563.9	25644.1	25419.4	24601.0	26205.8	28966.0	28195.7	27922.9
70°	24745.4	24825.7	21375.4	20364.4	20717.5	19594.1	22482.7	26590.9	25403.4	25066.4
72.5°	22001.3	21006.3	16160.0	15132.9	15662.5	14860.1	18037.5	23172.8	22017.3	20926.1
75°	18454.8	16641.4	12308.5	10848.2	11121.0	11088.9	13977.5	19144.8	17058.6	15967.4
77.5°	14298.4	12966.5	9083.0	8521.3	8232.4	8296.6	9757.0	14234.2	12372.7	11008.7
80°	10447.0	9066.9	7028.9	7349.8	7189.3	6804.2	6836.3	9532.3	8601.5	7783.1
82.5°	7221.4	6451.1	5696.9	6435.1	6050.0	5456.2	5327.8	6868.4	6451.1	5953.7
85°	4846.4	5311.8	4525.4	4926.6	4268.7	3931.7	5006.9	5745.0	4637.8	4140.3
87.5°	3161.4	4862.4	3257.7	2471.3	1412.2	1893.6	3065.1	3771.2	2166.4	1171.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)