

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: P598676

Luminaire Tested: **IFLD-S-SA2C-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: P598676
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

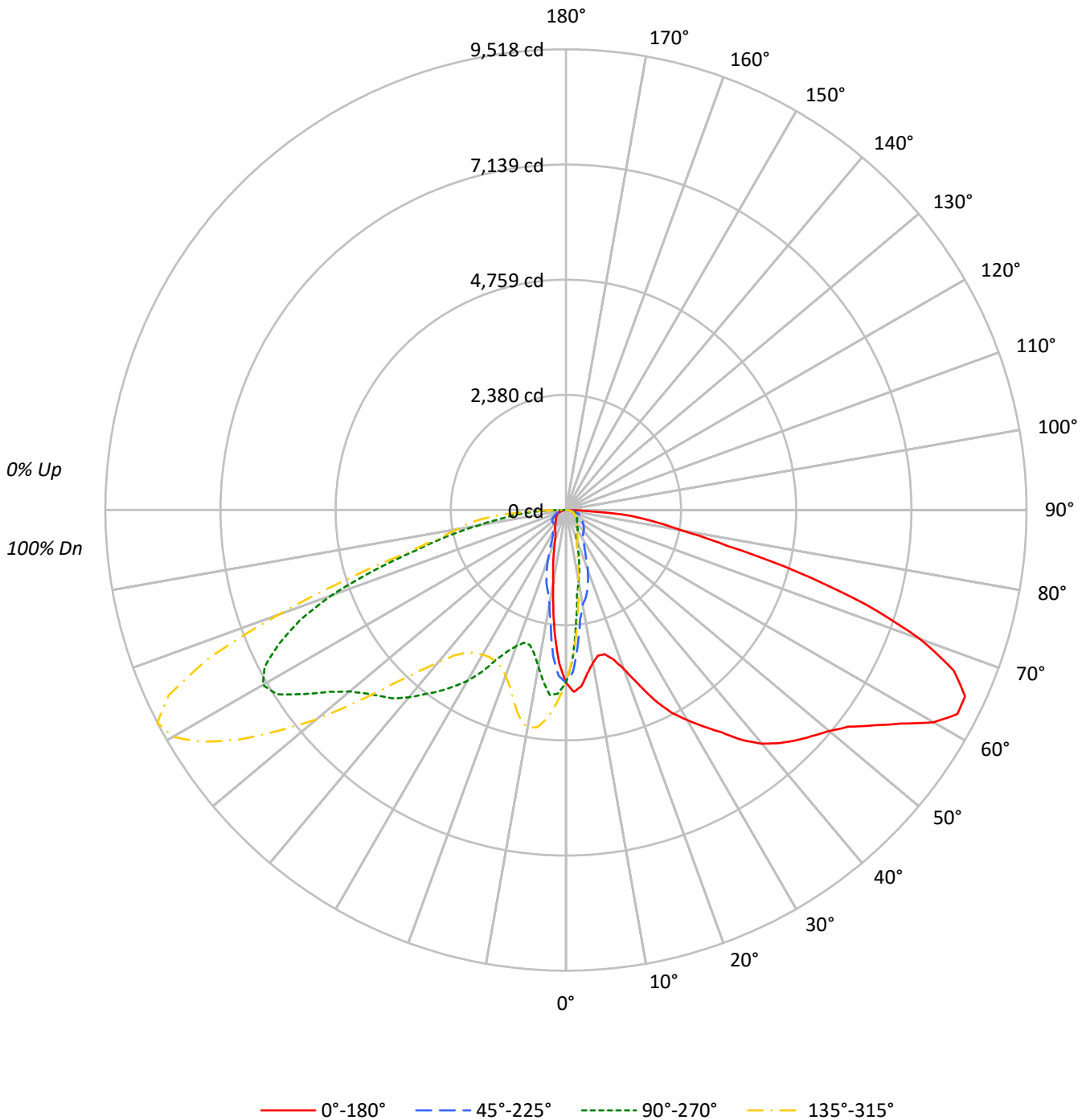
Lumens per Lamp: N/A
 Luminaire Lumens: 11924.0 lumens
 Efficiency: N/A
 Efficacy: 110.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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



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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°	76680	76680	76680	76680
5°	78913	51315	56059	82903
10°	70011	32606	32934	71648
15°	68712	23125	21904	64265
20°	79888	14630	14742	68458
25°	102738	12561	12204	80935
30°	124505	11905	11161	101315
35°	147363	10489	10094	120092
40°	177066	9954	9254	141876
45°	204885	9873	8960	165398
50°	237919	10024	9023	195315
55°	291156	10299	9173	248838
60°	377602	10312	9666	311232
65°	463511	10417	9913	333152
70°	490472	10990	10360	324365
75°	412866	11620	10372	264736
80°	299955	13612	10513	228831
85°	317919	19711	8620	237816

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.7	2.3
10°-20°	576.9	4.8
20°-30°	831.4	7.0
30°-40°	1196.9	10.0
40°-50°	1700.1	14.3
50°-60°	2444.3	20.5
60°-70°	2823.9	23.7
70°-80°	1599.0	13.4
80°-90°	475.9	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°	1684.0	14.1
0°-40°	2880.9	24.2
0°-60°	7025.2	58.9
0°-90°	11924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11924.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3562	3562	3562	3562	3562	
5°	3652	2375	2594	3836	3652	331
15°	3083	1038	983	2884	3083	907
25°	4325	529	514	3407	4325	2008
35°	5607	399	384	4570	5607	3559
45°	6730	324	294	5433	6730	5211
55°	7757	274	244	6630	7757	7026
65°	9099	204	195	6540	9099	8726
75°	4964	140	125	3183	4964	5267
85°	1287	80	35	963	1287	1282
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°	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9
2.5°	3761.5	3756.5	3726.5	3631.8	3532.0	3437.2	3347.4	3252.6	3202.7	3142.9	3117.9
5°	3651.7	3641.7	3556.9	3347.4	3162.8	2963.3	2793.7	2659.0	2549.2	2439.5	2399.6
7.5°	3402.3	3387.3	3287.5	2998.2	2728.8	2469.4	2264.9	2090.3	1945.6	1880.7	1805.9
10°	3202.7	3177.8	3048.1	2728.8	2379.6	2120.2	1985.5	1865.8	1741.0	1636.3	1526.5
12.5°	3078.0	3048.1	2913.4	2539.2	2200.0	2005.4	1865.8	1731.1	1576.4	1446.7	1327.0
15°	3083.0	3048.1	2883.5	2489.3	2155.1	1905.7	1711.1	1526.5	1346.9	1202.3	1067.6
17.5°	3227.7	3182.8	3008.2	2559.2	2120.2	1776.0	1516.6	1277.1	1072.6	917.9	808.2
20°	3487.1	3457.2	3257.6	2664.0	2085.3	1636.3	1317.0	1027.7	813.2	693.4	648.5
22.5°	3876.2	3841.3	3626.8	2823.6	2075.3	1511.6	1102.5	808.2	653.5	603.6	578.7
25°	4325.2	4260.3	4060.8	3093.0	2095.2	1396.8	927.9	668.5	583.7	548.8	533.8
27.5°	4714.3	4674.4	4449.9	3347.4	2105.2	1307.0	808.2	608.6	543.8	513.8	503.9
30°	5008.6	4993.7	4774.2	3626.8	2080.3	1197.3	733.3	583.7	543.8	513.8	483.9
32.5°	5303.0	5307.9	5073.5	3841.3	2045.4	1102.5	663.5	518.8	478.9	459.0	463.9
35°	5607.3	5632.2	5432.7	4050.8	1970.5	1067.6	613.6	483.9	449.0	419.0	404.1
37.5°	5991.4	6056.2	5861.7	4285.3	1895.7	1037.6	588.7	459.0	424.0	399.1	379.1
40°	6300.7	6420.4	6305.7	4504.8	1845.8	1002.7	568.7	434.0	409.1	379.1	364.2
42.5°	6530.2	6669.9	6629.9	4674.4	1845.8	967.8	548.8	419.0	399.1	364.2	344.2
45°	6729.7	6874.4	6869.4	4849.0	1885.7	947.8	523.8	419.0	389.1	354.2	334.2
47.5°	6909.3	7054.0	7103.9	5068.5	1950.6	937.9	493.9	409.1	389.1	349.2	319.3
50°	7103.9	7263.5	7413.2	5417.7	2030.4	912.9	473.9	394.1	394.1	344.2	309.3
52.5°	7353.3	7532.9	7807.3	5851.7	2110.2	868.0	444.0	384.1	394.1	339.2	299.3
55°	7757.4	7907.0	8266.2	6370.5	2210.0	813.2	419.0	359.2	374.2	324.3	284.4
57.5°	8211.4	8341.1	8640.4	6769.6	2239.9	743.3	384.1	334.2	359.2	309.3	264.4
60°	8770.1	8834.9	8834.9	6884.4	2140.1	678.5	359.2	314.3	324.3	294.3	249.4
62.5°	9124.3	9124.3	8834.9	6674.8	1950.6	623.6	339.2	294.3	284.4	274.4	234.5
65°	9099.3	9059.4	8630.4	6066.2	1731.1	588.7	319.3	269.4	254.4	249.4	219.5
67.5°	8680.3	8610.5	8026.8	5208.2	1501.6	573.7	299.3	244.4	234.5	224.5	199.5
70°	7792.3	7612.7	6894.3	4190.5	1277.1	563.7	294.3	224.5	214.5	204.5	184.6
72.5°	6505.2	6275.8	5382.8	3222.7	1072.6	528.8	279.4	199.5	194.6	184.6	164.6
75°	4963.7	4539.7	3756.5	2464.4	833.1	459.0	239.5	174.6	174.6	169.6	149.7
77.5°	3422.2	3202.7	2619.1	1820.9	608.6	354.2	194.6	154.6	154.6	159.6	139.7
80°	2419.5	2215.0	1865.8	1307.0	384.1	239.5	149.7	129.7	144.7	154.6	129.7
82.5°	1850.8	1701.1	1386.9	952.8	224.5	164.6	114.7	104.8	124.7	134.7	109.8
85°	1287.1	1107.5	703.4	638.6	129.7	99.8	84.8	84.8	109.8	134.7	99.8
87.5°	364.2	154.6	44.9	189.6	54.9	39.9	29.9	20.0	29.9	29.9	20.0
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°	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9
2.5°	3093.0	3063.0	3063.0	3053.1	3058.1	3063.0	3058.1	3093.0	3107.9	3127.9	3167.8
5°	2374.6	2414.5	2384.6	2414.5	2454.4	2514.3	2529.3	2574.2	2579.1	2614.1	2594.1
7.5°	1761.0	1756.0	1731.1	1766.0	1875.7	1960.5	2000.5	2025.4	2030.4	2030.4	2005.4
10°	1491.6	1446.7	1401.8	1376.9	1386.9	1476.6	1506.6	1521.5	1511.6	1526.5	1506.6
12.5°	1277.1	1237.2	1172.3	1127.4	1097.5	1122.5	1152.4	1167.3	1177.3	1202.3	1222.2
15°	1037.6	997.7	957.8	932.9	907.9	888.0	912.9	927.9	952.8	972.8	982.8
17.5°	788.2	768.3	748.3	763.3	763.3	753.3	763.3	768.3	778.2	793.2	788.2
20°	638.6	633.6	628.6	653.5	673.5	673.5	683.4	668.5	663.5	648.5	643.5
22.5°	568.7	568.7	573.7	593.7	613.6	623.6	623.6	598.6	573.7	563.7	568.7
25°	528.8	528.8	543.8	548.8	558.7	558.7	563.7	538.8	523.8	508.8	513.8
27.5°	498.9	498.9	503.9	503.9	508.8	508.8	513.8	503.9	483.9	478.9	478.9
30°	478.9	478.9	473.9	473.9	473.9	473.9	478.9	463.9	454.0	449.0	449.0
32.5°	459.0	454.0	449.0	449.0	444.0	444.0	449.0	434.0	429.0	429.0	429.0
35°	399.1	394.1	399.1	409.1	409.1	414.1	414.1	409.1	399.1	389.1	384.1
37.5°	374.2	369.2	369.2	369.2	379.1	384.1	389.1	379.1	364.2	349.2	349.2
40°	354.2	354.2	349.2	349.2	349.2	359.2	369.2	354.2	334.2	329.3	329.3
42.5°	339.2	334.2	329.3	324.3	319.3	334.2	344.2	324.3	314.3	314.3	314.3
45°	324.3	319.3	314.3	309.3	304.3	309.3	319.3	299.3	294.3	294.3	294.3
47.5°	309.3	304.3	294.3	289.3	284.4	284.4	294.3	279.4	274.4	279.4	279.4
50°	299.3	289.3	279.4	274.4	269.4	269.4	269.4	264.4	264.4	264.4	269.4
52.5°	289.3	279.4	264.4	259.4	254.4	254.4	254.4	254.4	249.4	254.4	259.4
55°	274.4	264.4	254.4	249.4	244.4	239.5	244.4	239.5	239.5	244.4	244.4
57.5°	254.4	244.4	234.5	234.5	229.5	229.5	234.5	229.5	229.5	234.5	234.5
60°	239.5	229.5	219.5	219.5	214.5	219.5	224.5	219.5	219.5	219.5	224.5
62.5°	219.5	214.5	204.5	204.5	204.5	204.5	209.5	204.5	209.5	209.5	209.5
65°	204.5	194.6	189.6	189.6	189.6	189.6	199.5	189.6	194.6	194.6	194.6
67.5°	189.6	179.6	174.6	174.6	174.6	174.6	184.6	174.6	179.6	184.6	179.6
70°	174.6	164.6	159.6	159.6	159.6	159.6	164.6	159.6	159.6	164.6	164.6
72.5°	154.6	149.7	144.7	144.7	139.7	144.7	149.7	144.7	144.7	144.7	144.7
75°	139.7	134.7	134.7	129.7	129.7	129.7	134.7	124.7	124.7	124.7	124.7
77.5°	129.7	119.7	119.7	119.7	114.7	119.7	114.7	104.8	104.8	104.8	104.8
80°	109.8	99.8	104.8	104.8	99.8	99.8	94.8	84.8	84.8	84.8	84.8
82.5°	89.8	79.8	84.8	84.8	84.8	84.8	74.8	69.8	64.9	59.9	59.9
85°	79.8	64.9	74.8	74.8	69.8	69.8	49.9	49.9	39.9	39.9	34.9
87.5°	15.0	10.0	20.0	24.9	24.9	29.9	20.0	24.9	15.0	10.0	10.0
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°	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9
2.5°	3162.8	3217.7	3292.5	3347.4	3432.2	3497.1	3596.8	3681.6	3761.5	3796.4	3831.3
5°	2654.0	2688.9	2803.6	2893.4	3028.1	3172.8	3352.4	3546.9	3746.5	3836.3	3941.1
7.5°	1985.5	2050.3	2115.2	2244.9	2409.5	2644.0	2873.5	3162.8	3442.2	3576.9	3756.5
10°	1541.5	1591.4	1666.2	1800.9	1955.6	2150.1	2424.5	2768.7	3103.0	3277.6	3462.1
12.5°	1237.2	1307.0	1406.8	1546.5	1726.1	1925.6	2125.2	2444.4	2833.6	3033.1	3242.6
15°	1002.7	1057.6	1167.3	1342.0	1551.5	1756.0	1965.5	2229.9	2654.0	2883.5	3132.9
17.5°	798.2	838.1	937.9	1112.5	1322.0	1551.5	1790.9	2125.2	2594.1	2873.5	3167.8
20°	648.5	678.5	743.3	873.0	1072.6	1322.0	1621.3	2025.4	2629.0	2988.2	3347.4
22.5°	568.7	578.7	608.6	678.5	843.1	1107.5	1466.7	1940.6	2693.9	3157.8	3641.7
25°	513.8	523.8	533.8	578.7	673.5	922.9	1332.0	1890.7	2833.6	3407.3	3981.0
27.5°	478.9	488.9	493.9	513.8	578.7	788.2	1217.2	1860.8	3023.1	3771.4	4400.0
30°	449.0	449.0	463.9	493.9	538.8	693.4	1117.5	1790.9	3222.7	4075.7	4729.3
32.5°	424.0	429.0	449.0	463.9	493.9	613.6	1017.7	1701.1	3402.3	4325.2	5053.5
35°	379.1	379.1	384.1	409.1	449.0	548.8	927.9	1611.3	3502.0	4569.6	5342.9
37.5°	349.2	354.2	364.2	384.1	419.0	503.9	853.1	1511.6	3606.8	4799.1	5682.1
40°	329.3	334.2	344.2	364.2	399.1	463.9	788.2	1431.7	3716.6	5048.5	6046.3
42.5°	314.3	319.3	329.3	349.2	379.1	454.0	718.4	1366.9	3781.4	5278.0	6390.5
45°	299.3	304.3	319.3	339.2	364.2	444.0	678.5	1322.0	3806.4	5432.7	6664.9
47.5°	284.4	289.3	304.3	334.2	364.2	429.0	663.5	1297.1	3826.3	5607.3	6884.4
50°	269.4	279.4	299.3	329.3	369.2	409.1	653.5	1292.1	3941.1	5831.8	7093.9
52.5°	259.4	274.4	294.3	329.3	364.2	379.1	648.5	1307.0	4170.5	6166.0	7393.2
55°	249.4	264.4	284.4	329.3	349.2	354.2	623.6	1332.0	4519.7	6629.9	7817.3
57.5°	239.5	249.4	274.4	319.3	329.3	334.2	573.7	1366.9	4868.9	7083.9	8251.3
60°	224.5	234.5	259.4	319.3	299.3	314.3	508.8	1376.9	5118.4	7228.6	8291.2
62.5°	209.5	219.5	244.4	329.3	274.4	294.3	454.0	1342.0	5168.3	7019.1	8066.7
65°	194.6	204.5	224.5	274.4	254.4	274.4	419.0	1247.2	5003.6	6540.2	7657.6
67.5°	179.6	189.6	204.5	224.5	229.5	249.4	404.1	1097.5	4589.6	5946.5	7098.9
70°	159.6	169.6	184.6	199.5	204.5	234.5	379.1	952.8	3921.1	5153.3	6415.4
72.5°	144.7	149.7	164.6	174.6	184.6	214.5	364.2	833.1	2998.2	4170.5	5233.1
75°	124.7	124.7	139.7	149.7	159.6	189.6	334.2	693.4	2115.2	3182.8	3846.3
77.5°	104.8	104.8	114.7	124.7	134.7	164.6	284.4	563.7	1466.7	2524.3	2788.7
80°	79.8	79.8	89.8	99.8	109.8	139.7	229.5	414.1	907.9	1845.8	2030.4
82.5°	54.9	54.9	69.8	74.8	79.8	109.8	174.6	284.4	533.8	1332.0	1451.7
85°	29.9	29.9	39.9	44.9	54.9	79.8	129.7	199.5	319.3	962.8	967.8
87.5°	5.0	5.0	15.0	15.0	24.9	39.9	74.8	109.8	179.6	533.8	339.2
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: P598676
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9	3561.9
2.5°	3896.2	3951.0	3956.0	3956.0	3931.1	3936.1	3866.2	3791.4	3766.4	3761.5
5°	4100.7	4245.4	4285.3	4305.2	4240.4	4140.6	3961.0	3766.4	3666.7	3651.7
7.5°	4060.8	4350.1	4504.8	4524.7	4395.0	4160.6	3846.3	3546.9	3432.2	3402.3
10°	3826.3	4215.4	4494.8	4564.6	4425.0	4125.6	3716.6	3367.4	3227.7	3202.7
12.5°	3661.7	4035.8	4310.2	4405.0	4340.1	4080.7	3651.7	3252.6	3112.9	3078.0
15°	3571.9	3916.1	4095.7	4125.6	4120.6	4010.9	3651.7	3277.6	3122.9	3083.0
17.5°	3646.7	3881.2	3906.1	3836.3	3876.2	3931.1	3731.5	3412.3	3262.6	3227.7
20°	3796.4	3866.2	3746.5	3641.7	3661.7	3836.3	3856.2	3666.7	3546.9	3487.1
22.5°	4110.7	3921.1	3646.7	3502.0	3517.0	3761.5	4020.9	4010.9	3906.1	3876.2
25°	4429.9	4075.7	3616.8	3447.2	3467.1	3746.5	4215.4	4395.0	4340.1	4325.2
27.5°	4784.1	4335.2	3636.7	3422.2	3447.2	3766.4	4350.1	4719.3	4729.3	4714.3
30°	5023.6	4459.9	3696.6	3452.2	3487.1	3816.3	4380.1	4913.8	5003.6	5008.6
32.5°	5223.1	4584.6	3821.3	3502.0	3561.9	3906.1	4459.9	5098.4	5298.0	5303.0
35°	5382.8	4724.3	3976.0	3591.8	3681.6	4055.8	4564.6	5273.0	5572.3	5607.3
37.5°	5587.3	4878.9	4155.6	3786.4	3886.2	4270.3	4749.2	5477.6	5896.6	5991.4
40°	5806.8	5033.6	4415.0	4100.7	4245.4	4589.6	4958.7	5707.0	6171.0	6300.7
42.5°	6051.3	5198.2	4709.3	4524.7	4744.2	4993.7	5198.2	5916.6	6380.5	6530.2
45°	6290.7	5397.7	5138.3	5103.4	5347.9	5472.6	5432.7	6066.2	6580.1	6729.7
47.5°	6460.3	5687.1	5657.2	5866.7	6096.2	6031.3	5707.0	6176.0	6744.7	6909.3
50°	6615.0	6046.3	6310.7	6719.7	6859.4	6639.9	6001.4	6325.6	6919.3	7103.9
52.5°	6844.5	6430.4	6984.1	7493.0	7627.7	7278.5	6320.6	6570.1	7188.7	7353.3
55°	7313.4	6864.4	7687.5	8271.2	8296.2	7862.1	6749.7	6984.1	7567.8	7757.4
57.5°	7837.2	7398.2	8246.3	8914.8	8904.8	8445.8	7233.6	7542.9	8081.7	8211.4
60°	8311.1	7937.0	8854.9	9373.7	9348.8	8869.9	7797.3	8176.4	8670.3	8770.1
62.5°	8590.5	8425.9	9124.3	9518.4	9423.6	9009.5	8276.2	8740.2	9089.4	9124.3
65°	8545.6	8705.2	8810.0	9054.4	8919.7	8620.4	8510.7	9099.3	9134.3	9099.3
67.5°	8206.4	8545.6	7947.0	7971.9	7902.1	7647.6	8146.5	9004.6	8765.1	8680.3
70°	7692.5	7717.5	6644.9	6330.6	6440.4	6091.2	6989.1	8266.2	7897.1	7792.3
72.5°	6839.5	6530.2	5023.6	4704.3	4868.9	4619.5	5607.3	7203.6	6844.5	6505.2
75°	5737.0	5173.3	3826.3	3372.3	3457.2	3447.2	4345.1	5951.5	5303.0	4963.7
77.5°	4444.9	4030.8	2823.6	2649.0	2559.2	2579.1	3033.1	4425.0	3846.3	3422.2
80°	3247.6	2818.6	2185.0	2284.8	2234.9	2115.2	2125.2	2963.3	2673.9	2419.5
82.5°	2244.9	2005.4	1771.0	2000.5	1880.7	1696.1	1656.2	2135.2	2005.4	1850.8
85°	1506.6	1651.3	1406.8	1531.5	1327.0	1222.2	1556.5	1785.9	1441.7	1287.1
87.5°	982.8	1511.6	1012.7	768.3	439.0	588.7	952.8	1172.3	673.5	364.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)