

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: P598592

Luminaire Tested: **IFLD-S-SA3A-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598592
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

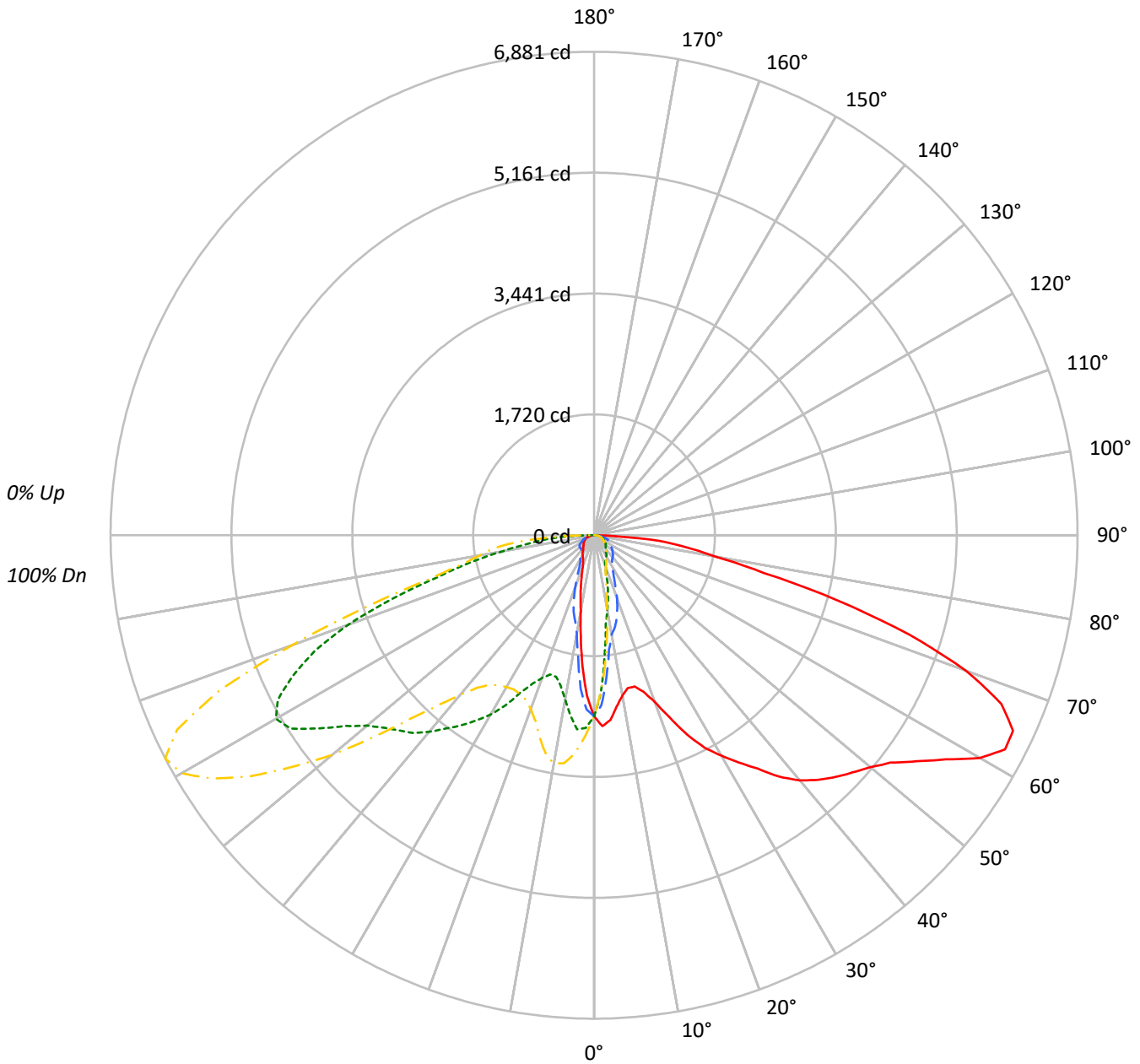
Lumens per Lamp: N/A
 Luminaire Lumens: 8620.2 lumens
 Efficiency: N/A
 Efficacy: 90.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	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°	36956	36956	36956	36956
5°	38032	24732	27018	39956
10°	33743	15714	15873	34530
15°	33116	11145	10557	30972
20°	38502	7050	7105	32994
25°	49515	6054	5883	39006
30°	60006	5737	5379	48830
35°	71023	5055	4865	57879
40°	85338	4798	4459	68377
45°	98745	4758	4319	79713
50°	114665	4832	4347	94133
55°	140324	4964	4421	119929
60°	181988	4969	4659	150000
65°	223392	5023	4778	160564
70°	236385	5296	4993	156330
75°	198982	5601	5002	127588
80°	144562	6554	5066	110287
85°	153225	9501	4150	114610

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.3	2.3
10°-20°	417.1	4.8
20°-30°	601.0	7.0
30°-40°	865.3	10.0
40°-50°	1229.1	14.3
50°-60°	1767.0	20.5
60°-70°	2041.5	23.7
70°-80°	1155.9	13.4
80°-90°	344.0	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°	1217.4	14.1
0°-40°	2082.7	24.2
0°-60°	5078.8	58.9
0°-90°	8620.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8620.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2575	2575	2575	2575	2575	
5°	2640	1717	1875	2773	2640	240
15°	2229	750	710	2084	2229	655
25°	3127	382	372	2463	3127	1451
35°	4054	288	278	3304	4054	2573
45°	4865	234	213	3927	4865	3767
55°	5608	198	177	4793	5608	5079
65°	6578	148	141	4728	6578	6308
75°	3588	101	90	2301	3588	3807
85°	930	58	25	696	930	927
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°	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0
2.5°	2719.3	2715.7	2694.0	2625.5	2553.4	2484.9	2419.9	2351.4	2315.4	2272.1	2254.0
5°	2639.9	2632.7	2571.4	2419.9	2286.5	2142.2	2019.6	1922.2	1842.9	1763.6	1734.7
7.5°	2459.6	2448.8	2376.7	2167.5	1972.7	1785.2	1637.3	1511.1	1406.5	1359.6	1305.5
10°	2315.4	2297.3	2203.5	1972.7	1720.3	1532.7	1435.4	1348.8	1258.7	1182.9	1103.6
12.5°	2225.2	2203.5	2106.2	1835.7	1590.5	1449.8	1348.8	1251.4	1139.6	1045.9	959.3
15°	2228.8	2203.5	2084.5	1799.6	1558.0	1377.7	1237.0	1103.6	973.7	869.2	771.8
17.5°	2333.4	2300.9	2174.7	1850.1	1532.7	1283.9	1096.4	923.3	775.4	663.6	584.2
20°	2520.9	2499.3	2355.0	1925.9	1507.5	1182.9	952.1	742.9	587.9	501.3	468.8
22.5°	2802.2	2777.0	2621.9	2041.3	1500.3	1092.8	797.0	584.2	472.4	436.4	418.3
25°	3126.8	3079.9	2935.7	2236.0	1514.7	1009.8	670.8	483.3	422.0	396.7	385.9
27.5°	3408.1	3379.3	3217.0	2419.9	1521.9	944.9	584.2	440.0	393.1	371.5	364.3
30°	3620.9	3610.1	3451.4	2621.9	1503.9	865.6	530.2	422.0	393.1	371.5	349.8
32.5°	3833.7	3837.3	3667.8	2777.0	1478.7	797.0	479.7	375.1	346.2	331.8	335.4
35°	4053.7	4071.7	3927.4	2928.4	1424.6	771.8	443.6	349.8	324.6	302.9	292.1
37.5°	4331.4	4378.2	4237.6	3098.0	1370.5	750.1	425.6	331.8	306.5	288.5	274.1
40°	4555.0	4641.5	4558.6	3256.6	1334.4	724.9	411.1	313.8	295.7	274.1	263.3
42.5°	4720.9	4821.8	4793.0	3379.3	1334.4	699.7	396.7	302.9	288.5	263.3	248.8
45°	4865.1	4969.7	4966.1	3505.5	1363.2	685.2	378.7	302.9	281.3	256.1	241.6
47.5°	4995.0	5099.5	5135.6	3664.2	1410.1	678.0	357.0	295.7	281.3	252.5	230.8
50°	5135.6	5251.0	5359.2	3916.6	1467.8	660.0	342.6	284.9	284.9	248.8	223.6
52.5°	5315.9	5445.8	5644.1	4230.4	1525.5	627.5	321.0	277.7	284.9	245.2	216.4
55°	5608.1	5716.2	5975.9	4605.5	1597.7	587.9	302.9	259.7	270.5	234.4	205.6
57.5°	5936.2	6030.0	6246.4	4894.0	1619.3	537.4	277.7	241.6	259.7	223.6	191.1
60°	6340.2	6387.0	6387.0	4976.9	1547.2	490.5	259.7	227.2	234.4	212.8	180.3
62.5°	6596.2	6596.2	6387.0	4825.4	1410.1	450.8	245.2	212.8	205.6	198.4	169.5
65°	6578.2	6549.3	6239.2	4385.5	1251.4	425.6	230.8	194.7	183.9	180.3	158.7
67.5°	6275.2	6224.8	5802.8	3765.1	1085.5	414.7	216.4	176.7	169.5	162.3	144.3
70°	5633.3	5503.5	4984.1	3029.4	923.3	407.5	212.8	162.3	155.1	147.9	133.4
72.5°	4702.8	4536.9	3891.4	2329.8	775.4	382.3	202.0	144.3	140.7	133.4	119.0
75°	3588.4	3281.9	2715.7	1781.6	602.3	331.8	173.1	126.2	126.2	122.6	108.2
77.5°	2474.0	2315.4	1893.4	1316.4	440.0	256.1	140.7	111.8	111.8	115.4	101.0
80°	1749.1	1601.3	1348.8	944.9	277.7	173.1	108.2	93.8	104.6	111.8	93.8
82.5°	1338.0	1229.8	1002.6	688.8	162.3	119.0	82.9	75.7	90.2	97.4	79.3
85°	930.5	800.6	508.5	461.6	93.8	72.1	61.3	61.3	79.3	97.4	72.1
87.5°	263.3	111.8	32.5	137.0	39.7	28.9	21.6	14.4	21.6	21.6	14.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0
2.5°	2236.0	2214.4	2214.4	2207.2	2210.8	2214.4	2210.8	2236.0	2246.8	2261.3	2290.1
5°	1716.7	1745.5	1723.9	1745.5	1774.4	1817.7	1828.5	1860.9	1864.5	1889.8	1875.4
7.5°	1273.1	1269.5	1251.4	1276.7	1356.0	1417.3	1446.2	1464.2	1467.8	1467.8	1449.8
10°	1078.3	1045.9	1013.4	995.4	1002.6	1067.5	1089.2	1100.0	1092.8	1103.6	1089.2
12.5°	923.3	894.4	847.5	815.1	793.4	811.5	833.1	843.9	851.1	869.2	883.6
15°	750.1	721.3	692.4	674.4	656.4	642.0	660.0	670.8	688.8	703.3	710.5
17.5°	569.8	555.4	541.0	551.8	551.8	544.6	551.8	555.4	562.6	573.4	569.8
20°	461.6	458.0	454.4	472.4	486.9	486.9	494.1	483.3	479.7	468.8	465.2
22.5°	411.1	411.1	414.7	429.2	443.6	450.8	450.8	432.8	414.7	407.5	411.1
25°	382.3	382.3	393.1	396.7	403.9	403.9	407.5	389.5	378.7	367.9	371.5
27.5°	360.6	360.6	364.3	364.3	367.9	367.9	371.5	364.3	349.8	346.2	346.2
30°	346.2	346.2	342.6	342.6	342.6	342.6	346.2	335.4	328.2	324.6	324.6
32.5°	331.8	328.2	324.6	324.6	321.0	321.0	324.6	313.8	310.2	310.2	310.2
35°	288.5	284.9	288.5	295.7	295.7	299.3	299.3	295.7	288.5	281.3	277.7
37.5°	270.5	266.9	266.9	266.9	274.1	277.7	281.3	274.1	263.3	252.5	252.5
40°	256.1	256.1	252.5	252.5	252.5	259.7	266.9	256.1	241.6	238.0	238.0
42.5°	245.2	241.6	238.0	234.4	230.8	241.6	248.8	234.4	227.2	227.2	227.2
45°	234.4	230.8	227.2	223.6	220.0	223.6	230.8	216.4	212.8	212.8	212.8
47.5°	223.6	220.0	212.8	209.2	205.6	205.6	212.8	202.0	198.4	202.0	202.0
50°	216.4	209.2	202.0	198.4	194.7	194.7	194.7	191.1	191.1	191.1	194.7
52.5°	209.2	202.0	191.1	187.5	183.9	183.9	183.9	183.9	180.3	183.9	187.5
55°	198.4	191.1	183.9	180.3	176.7	173.1	176.7	173.1	173.1	176.7	176.7
57.5°	183.9	176.7	169.5	169.5	165.9	165.9	169.5	165.9	165.9	169.5	169.5
60°	173.1	165.9	158.7	158.7	155.1	158.7	162.3	158.7	158.7	158.7	162.3
62.5°	158.7	155.1	147.9	147.9	147.9	147.9	151.5	147.9	151.5	151.5	151.5
65°	147.9	140.7	137.0	137.0	137.0	137.0	144.3	137.0	140.7	140.7	140.7
67.5°	137.0	129.8	126.2	126.2	126.2	126.2	133.4	126.2	129.8	133.4	129.8
70°	126.2	119.0	115.4	115.4	115.4	115.4	119.0	115.4	115.4	119.0	119.0
72.5°	111.8	108.2	104.6	104.6	101.0	104.6	108.2	104.6	104.6	104.6	104.6
75°	101.0	97.4	97.4	93.8	93.8	93.8	97.4	90.2	90.2	90.2	90.2
77.5°	93.8	86.6	86.6	86.6	82.9	86.6	82.9	75.7	75.7	75.7	75.7
80°	79.3	72.1	75.7	75.7	72.1	72.1	68.5	61.3	61.3	61.3	61.3
82.5°	64.9	57.7	61.3	61.3	61.3	61.3	54.1	50.5	46.9	43.3	43.3
85°	57.7	46.9	54.1	54.1	50.5	50.5	36.1	36.1	28.9	28.9	25.2
87.5°	10.8	7.2	14.4	18.0	18.0	21.6	14.4	18.0	10.8	7.2	7.2
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0
2.5°	2286.5	2326.2	2380.3	2419.9	2481.2	2528.1	2600.3	2661.6	2719.3	2744.5	2769.8
5°	1918.6	1943.9	2026.8	2091.7	2189.1	2293.7	2423.5	2564.2	2708.5	2773.4	2849.1
7.5°	1435.4	1482.3	1529.1	1622.9	1741.9	1911.4	2077.3	2286.5	2488.5	2585.8	2715.7
10°	1114.4	1150.5	1204.6	1301.9	1413.7	1554.4	1752.7	2001.6	2243.2	2369.4	2502.9
12.5°	894.4	944.9	1017.0	1118.0	1247.8	1392.1	1536.4	1767.2	2048.5	2192.7	2344.2
15°	724.9	764.6	843.9	970.1	1121.6	1269.5	1420.9	1612.1	1918.6	2084.5	2264.9
17.5°	577.0	605.9	678.0	804.2	955.7	1121.6	1294.7	1536.4	1875.4	2077.3	2290.1
20°	468.8	490.5	537.4	631.1	775.4	955.7	1172.1	1464.2	1900.6	2160.3	2419.9
22.5°	411.1	418.3	440.0	490.5	609.5	800.6	1060.3	1402.9	1947.5	2282.9	2632.7
25°	371.5	378.7	385.9	418.3	486.9	667.2	962.9	1366.8	2048.5	2463.2	2878.0
27.5°	346.2	353.4	357.0	371.5	418.3	569.8	880.0	1345.2	2185.5	2726.5	3180.9
30°	324.6	324.6	335.4	357.0	389.5	501.3	807.8	1294.7	2329.8	2946.5	3418.9
32.5°	306.5	310.2	324.6	335.4	357.0	443.6	735.7	1229.8	2459.6	3126.8	3653.3
35°	274.1	274.1	277.7	295.7	324.6	396.7	670.8	1164.9	2531.7	3303.5	3862.5
37.5°	252.5	256.1	263.3	277.7	302.9	364.3	616.7	1092.8	2607.5	3469.4	4107.8
40°	238.0	241.6	248.8	263.3	288.5	335.4	569.8	1035.1	2686.8	3649.7	4371.0
42.5°	227.2	230.8	238.0	252.5	274.1	328.2	519.3	988.2	2733.7	3815.6	4619.9
45°	216.4	220.0	230.8	245.2	263.3	321.0	490.5	955.7	2751.7	3927.4	4818.2
47.5°	205.6	209.2	220.0	241.6	263.3	310.2	479.7	937.7	2766.2	4053.7	4976.9
50°	194.7	202.0	216.4	238.0	266.9	295.7	472.4	934.1	2849.1	4216.0	5128.4
52.5°	187.5	198.4	212.8	238.0	263.3	274.1	468.8	944.9	3015.0	4457.6	5344.8
55°	180.3	191.1	205.6	238.0	252.5	256.1	450.8	962.9	3267.5	4793.0	5651.3
57.5°	173.1	180.3	198.4	230.8	238.0	241.6	414.7	988.2	3519.9	5121.2	5965.1
60°	162.3	169.5	187.5	230.8	216.4	227.2	367.9	995.4	3700.2	5225.8	5993.9
62.5°	151.5	158.7	176.7	238.0	198.4	212.8	328.2	970.1	3736.3	5074.3	5831.7
65°	140.7	147.9	162.3	198.4	183.9	198.4	302.9	901.6	3617.3	4728.1	5535.9
67.5°	129.8	137.0	147.9	162.3	165.9	180.3	292.1	793.4	3317.9	4298.9	5132.0
70°	115.4	122.6	133.4	144.3	147.9	169.5	274.1	688.8	2834.7	3725.5	4637.9
72.5°	104.6	108.2	119.0	126.2	133.4	155.1	263.3	602.3	2167.5	3015.0	3783.2
75°	90.2	90.2	101.0	108.2	115.4	137.0	241.6	501.3	1529.1	2300.9	2780.6
77.5°	75.7	75.7	82.9	90.2	97.4	119.0	205.6	407.5	1060.3	1824.9	2016.0
80°	57.7	57.7	64.9	72.1	79.3	101.0	165.9	299.3	656.4	1334.4	1467.8
82.5°	39.7	39.7	50.5	54.1	57.7	79.3	126.2	205.6	385.9	962.9	1049.5
85°	21.6	21.6	28.9	32.5	39.7	57.7	93.8	144.3	230.8	696.0	699.7
87.5°	3.6	3.6	10.8	10.8	18.0	28.9	54.1	79.3	129.8	385.9	245.2
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: P598592
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0	2575.0
2.5°	2816.6	2856.3	2859.9	2859.9	2841.9	2845.5	2795.0	2740.9	2722.9	2719.3
5°	2964.5	3069.1	3098.0	3112.4	3065.5	2993.4	2863.5	2722.9	2650.8	2639.9
7.5°	2935.7	3144.8	3256.6	3271.1	3177.3	3007.8	2780.6	2564.2	2481.2	2459.6
10°	2766.2	3047.5	3249.4	3299.9	3198.9	2982.5	2686.8	2434.4	2333.4	2315.4
12.5°	2647.1	2917.6	3116.0	3184.5	3137.6	2950.1	2639.9	2351.4	2250.4	2225.2
15°	2582.2	2831.1	2960.9	2982.5	2978.9	2899.6	2639.9	2369.4	2257.6	2228.8
17.5°	2636.3	2805.8	2823.9	2773.4	2802.2	2841.9	2697.6	2466.8	2358.6	2333.4
20°	2744.5	2795.0	2708.5	2632.7	2647.1	2773.4	2787.8	2650.8	2564.2	2520.9
22.5°	2971.7	2834.7	2636.3	2531.7	2542.6	2719.3	2906.8	2899.6	2823.9	2802.2
25°	3202.5	2946.5	2614.7	2492.1	2506.5	2708.5	3047.5	3177.3	3137.6	3126.8
27.5°	3458.6	3134.0	2629.1	2474.0	2492.1	2722.9	3144.8	3411.7	3418.9	3408.1
30°	3631.7	3224.2	2672.4	2495.7	2520.9	2758.9	3166.5	3552.4	3617.3	3620.9
32.5°	3776.0	3314.3	2762.6	2531.7	2575.0	2823.9	3224.2	3685.8	3830.1	3833.7
35°	3891.4	3415.3	2874.4	2596.7	2661.6	2932.1	3299.9	3812.0	4028.4	4053.7
37.5°	4039.2	3527.1	3004.2	2737.3	2809.4	3087.1	3433.4	3959.9	4262.8	4331.4
40°	4197.9	3638.9	3191.7	2964.5	3069.1	3317.9	3584.8	4125.8	4461.2	4555.0
42.5°	4374.6	3757.9	3404.5	3271.1	3429.7	3610.1	3757.9	4277.3	4612.7	4720.9
45°	4547.8	3902.2	3714.7	3689.4	3866.1	3956.3	3927.4	4385.5	4756.9	4865.1
47.5°	4670.4	4111.4	4089.7	4241.2	4407.1	4360.2	4125.8	4464.8	4875.9	4995.0
50°	4782.2	4371.0	4562.2	4857.9	4958.9	4800.2	4338.6	4573.0	5002.2	5135.6
52.5°	4948.1	4648.7	5049.0	5416.9	5514.3	5261.8	4569.4	4749.7	5196.9	5315.9
55°	5287.1	4962.5	5557.6	5979.5	5997.5	5683.8	4879.5	5049.0	5471.0	5608.1
57.5°	5665.8	5348.4	5961.5	6444.8	6437.5	6105.7	5229.4	5453.0	5842.5	5936.2
60°	6008.4	5737.9	6401.5	6776.5	6758.5	6412.3	5636.9	5911.0	6268.0	6340.2
62.5°	6210.3	6091.3	6596.2	6881.1	6812.6	6513.3	5983.1	6318.5	6571.0	6596.2
65°	6177.9	6293.3	6369.0	6545.7	6448.4	6232.0	6152.6	6578.2	6603.4	6578.2
67.5°	5932.6	6177.9	5745.1	5763.1	5712.6	5528.7	5889.4	6509.7	6336.6	6275.2
70°	5561.2	5579.2	4803.8	4576.6	4655.9	4403.5	5052.7	5975.9	5709.0	5633.3
72.5°	4944.5	4720.9	3631.7	3400.9	3519.9	3339.6	4053.7	5207.7	4948.1	4702.8
75°	4147.4	3739.9	2766.2	2438.0	2499.3	2492.1	3141.2	4302.5	3833.7	3588.4
77.5°	3213.4	2914.0	2041.3	1915.0	1850.1	1864.5	2192.7	3198.9	2780.6	2474.0
80°	2347.8	2037.7	1579.6	1651.8	1615.7	1529.1	1536.4	2142.2	1933.1	1749.1
82.5°	1622.9	1449.8	1280.3	1446.2	1359.6	1226.2	1197.3	1543.6	1449.8	1338.0
85°	1089.2	1193.7	1017.0	1107.2	959.3	883.6	1125.2	1291.1	1042.3	930.5
87.5°	710.5	1092.8	732.1	555.4	317.4	425.6	688.8	847.5	486.9	263.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)