

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: P598795

Luminaire Tested: **IFLD-S-SA3A-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598795
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

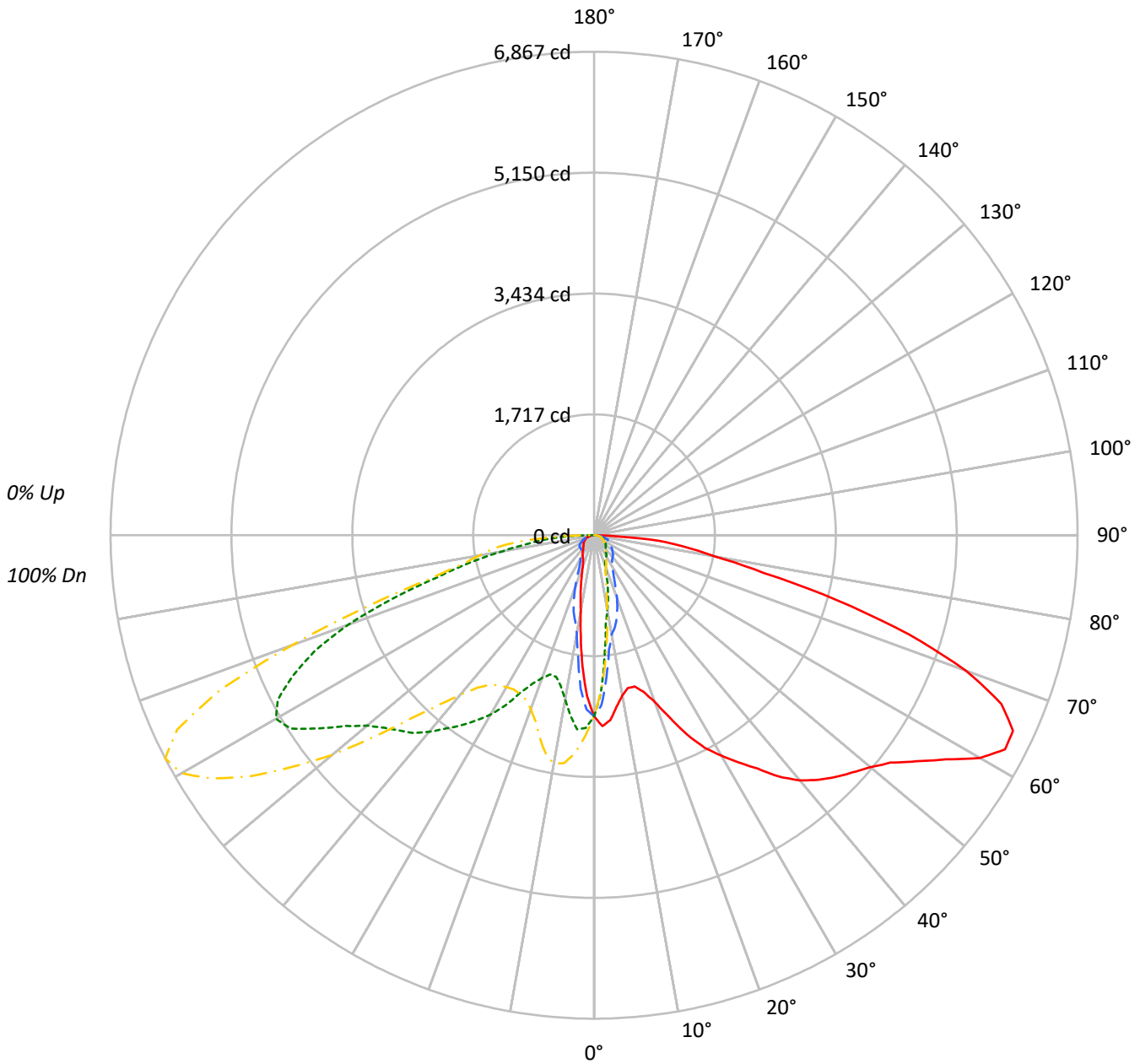
Lumens per Lamp: N/A
 Luminaire Lumens: 8602.7 lumens
 Efficiency: N/A
 Efficacy: 90.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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	100			100	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	36881	36881	36881	36881
5°	37956	24682	26962	39873
10°	33673	15682	15840	34460
15°	33049	11123	10534	30909
20°	38424	7036	7091	32927
25°	49413	6041	5870	38927
30°	59883	5726	5368	48730
35°	70877	5044	4855	57761
40°	85164	4787	4450	68239
45°	98544	4747	4309	79551
50°	114431	4821	4340	93941
55°	140037	4954	4414	119684
60°	181617	4960	4650	149693
65°	222937	5012	4768	160234
70°	235903	5287	4985	156011
75°	198577	5590	4991	127328
80°	144272	6546	5058	110064
85°	152912	9485	4150	114379

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.9	2.3
10°-20°	416.2	4.8
20°-30°	599.8	7.0
30°-40°	863.5	10.0
40°-50°	1226.5	14.3
50°-60°	1763.4	20.5
60°-70°	2037.4	23.7
70°-80°	1153.6	13.4
80°-90°	343.3	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°	1214.9	14.1
0°-40°	2078.4	24.2
0°-60°	5068.4	58.9
0°-90°	8602.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8602.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2570	2570	2570	2570	2570	
5°	2635	1713	1872	2768	2635	239
15°	2224	749	709	2080	2224	654
25°	3120	382	371	2458	3120	1448
35°	4045	288	277	3297	4045	2567
45°	4855	234	212	3919	4855	3759
55°	5597	198	176	4783	5597	5069
65°	6565	148	140	4718	6565	6295
75°	3581	101	90	2296	3581	3800
85°	929	58	25	695	929	925
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°	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8
2.5°	2713.7	2710.1	2688.5	2620.2	2548.2	2479.8	2415.0	2346.6	2310.6	2267.4	2249.5
5°	2634.6	2627.4	2566.2	2415.0	2281.8	2137.9	2015.5	1918.3	1839.2	1760.0	1731.2
7.5°	2454.6	2443.8	2371.8	2163.1	1968.7	1781.6	1634.0	1508.0	1403.7	1356.9	1302.9
10°	2310.6	2292.6	2199.1	1968.7	1716.8	1529.6	1432.4	1346.1	1256.1	1180.5	1101.3
12.5°	2220.7	2199.1	2101.9	1832.0	1587.2	1446.8	1346.1	1248.9	1137.3	1043.7	957.4
15°	2224.3	2199.1	2080.3	1796.0	1554.8	1374.9	1234.5	1101.3	971.8	867.4	770.2
17.5°	2328.6	2296.2	2170.3	1846.3	1529.6	1281.3	1094.1	921.4	773.8	662.2	583.1
20°	2515.8	2494.2	2350.2	1921.9	1504.4	1180.5	950.2	741.4	586.7	500.3	467.9
22.5°	2796.5	2771.3	2616.6	2037.1	1497.2	1090.5	795.4	583.1	471.5	435.5	417.5
25°	3120.4	3073.6	2929.7	2231.5	1511.6	1007.8	669.4	482.3	421.1	395.9	385.1
27.5°	3401.2	3372.4	3210.4	2415.0	1518.8	943.0	583.1	439.1	392.3	370.7	363.5
30°	3613.5	3602.7	3444.4	2616.6	1500.8	863.8	529.1	421.1	392.3	370.7	349.1
32.5°	3825.9	3829.5	3660.3	2771.3	1475.6	795.4	478.7	374.3	345.5	331.1	334.7
35°	4045.4	4063.4	3919.4	2922.5	1421.7	770.2	442.7	349.1	323.9	302.3	291.5
37.5°	4322.5	4369.3	4229.0	3091.6	1367.7	748.6	424.7	331.1	305.9	287.9	273.5
40°	4545.7	4632.1	4549.3	3250.0	1331.7	723.4	410.3	313.1	295.1	273.5	262.7
42.5°	4711.2	4812.0	4783.2	3372.4	1331.7	698.2	395.9	302.3	287.9	262.7	248.3
45°	4855.2	4959.6	4956.0	3498.3	1360.5	683.8	377.9	302.3	280.7	255.5	241.1
47.5°	4984.8	5089.2	5125.1	3656.7	1407.3	676.6	356.3	295.1	280.7	251.9	230.3
50°	5125.1	5240.3	5348.3	3908.6	1464.8	658.6	341.9	284.3	284.3	248.3	223.1
52.5°	5305.1	5434.7	5632.6	4221.8	1522.4	626.2	320.3	277.1	284.3	244.7	215.9
55°	5596.6	5704.6	5963.7	4596.1	1594.4	586.7	302.3	259.1	269.9	233.9	205.1
57.5°	5924.2	6017.7	6233.7	4884.0	1616.0	536.3	277.1	241.1	259.1	223.1	190.8
60°	6327.3	6374.0	6374.0	4966.8	1544.0	489.5	259.1	226.7	233.9	212.3	180.0
62.5°	6582.8	6582.8	6374.0	4815.6	1407.3	449.9	244.7	212.3	205.1	198.0	169.2
65°	6564.8	6536.0	6226.5	4376.5	1248.9	424.7	230.3	194.4	183.6	180.0	158.4
67.5°	6262.5	6212.1	5791.0	3757.5	1083.3	413.9	215.9	176.4	169.2	162.0	144.0
70°	5621.8	5492.3	4974.0	3023.3	921.4	406.7	212.3	162.0	154.8	147.6	133.2
72.5°	4693.3	4527.7	3883.5	2325.0	773.8	381.5	201.6	144.0	140.4	133.2	118.8
75°	3581.1	3275.2	2710.1	1778.0	601.1	331.1	172.8	126.0	126.0	122.4	108.0
77.5°	2469.0	2310.6	1889.5	1313.7	439.1	255.5	140.4	111.6	111.6	115.2	100.8
80°	1745.6	1598.0	1346.1	943.0	277.1	172.8	108.0	93.6	104.4	111.6	93.6
82.5°	1335.3	1227.3	1000.6	687.4	162.0	118.8	82.8	75.6	90.0	97.2	79.2
85°	928.6	799.0	507.5	460.7	93.6	72.0	61.2	61.2	79.2	97.2	72.0
87.5°	262.7	111.6	32.4	136.8	39.6	28.8	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°	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8
2.5°	2231.5	2209.9	2209.9	2202.7	2206.3	2209.9	2206.3	2231.5	2242.3	2256.6	2285.4
5°	1713.2	1742.0	1720.4	1742.0	1770.8	1814.0	1824.8	1857.1	1860.7	1885.9	1871.5
7.5°	1270.5	1266.9	1248.9	1274.1	1353.3	1414.5	1443.2	1461.2	1464.8	1464.8	1446.8
10°	1076.1	1043.7	1011.4	993.4	1000.6	1065.3	1086.9	1097.7	1090.5	1101.3	1086.9
12.5°	921.4	892.6	845.8	813.4	791.8	809.8	831.4	842.2	849.4	867.4	881.8
15°	748.6	719.8	691.0	673.0	655.0	640.6	658.6	669.4	687.4	701.8	709.0
17.5°	568.7	554.3	539.9	550.7	550.7	543.5	550.7	554.3	561.5	572.3	568.7
20°	460.7	457.1	453.5	471.5	485.9	485.9	493.1	482.3	478.7	467.9	464.3
22.5°	410.3	410.3	413.9	428.3	442.7	449.9	449.9	431.9	413.9	406.7	410.3
25°	381.5	381.5	392.3	395.9	403.1	403.1	406.7	388.7	377.9	367.1	370.7
27.5°	359.9	359.9	363.5	363.5	367.1	367.1	370.7	363.5	349.1	345.5	345.5
30°	345.5	345.5	341.9	341.9	341.9	341.9	345.5	334.7	327.5	323.9	323.9
32.5°	331.1	327.5	323.9	323.9	320.3	320.3	323.9	313.1	309.5	309.5	309.5
35°	287.9	284.3	287.9	295.1	295.1	298.7	298.7	295.1	287.9	280.7	277.1
37.5°	269.9	266.3	266.3	266.3	273.5	277.1	280.7	273.5	262.7	251.9	251.9
40°	255.5	255.5	251.9	251.9	251.9	259.1	266.3	255.5	241.1	237.5	237.5
42.5°	244.7	241.1	237.5	233.9	230.3	241.1	248.3	233.9	226.7	226.7	226.7
45°	233.9	230.3	226.7	223.1	219.5	223.1	230.3	215.9	212.3	212.3	212.3
47.5°	223.1	219.5	212.3	208.7	205.1	205.1	212.3	201.6	198.0	201.6	201.6
50°	215.9	208.7	201.6	198.0	194.4	194.4	194.4	190.8	190.8	190.8	194.4
52.5°	208.7	201.6	190.8	187.2	183.6	183.6	183.6	183.6	180.0	183.6	187.2
55°	198.0	190.8	183.6	180.0	176.4	172.8	176.4	172.8	172.8	176.4	176.4
57.5°	183.6	176.4	169.2	169.2	165.6	165.6	169.2	165.6	165.6	169.2	169.2
60°	172.8	165.6	158.4	158.4	154.8	158.4	162.0	158.4	158.4	158.4	162.0
62.5°	158.4	154.8	147.6	147.6	147.6	147.6	151.2	147.6	151.2	151.2	151.2
65°	147.6	140.4	136.8	136.8	136.8	136.8	144.0	136.8	140.4	140.4	140.4
67.5°	136.8	129.6	126.0	126.0	126.0	126.0	133.2	126.0	129.6	133.2	129.6
70°	126.0	118.8	115.2	115.2	115.2	115.2	118.8	115.2	115.2	118.8	118.8
72.5°	111.6	108.0	104.4	104.4	100.8	104.4	108.0	104.4	104.4	104.4	104.4
75°	100.8	97.2	97.2	93.6	93.6	93.6	97.2	90.0	90.0	90.0	90.0
77.5°	93.6	86.4	86.4	86.4	82.8	86.4	82.8	75.6	75.6	75.6	75.6
80°	79.2	72.0	75.6	75.6	72.0	72.0	68.4	61.2	61.2	61.2	61.2
82.5°	64.8	57.6	61.2	61.2	61.2	61.2	54.0	50.4	46.8	43.2	43.2
85°	57.6	46.8	54.0	54.0	50.4	50.4	36.0	36.0	28.8	28.8	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°	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8
2.5°	2281.8	2321.4	2375.4	2415.0	2476.2	2523.0	2595.0	2656.2	2713.7	2738.9	2764.1
5°	1914.7	1939.9	2022.7	2087.5	2184.7	2289.0	2418.6	2559.0	2702.9	2767.7	2843.3
7.5°	1432.4	1479.2	1526.0	1619.6	1738.4	1907.5	2073.1	2281.8	2483.4	2580.6	2710.1
10°	1112.1	1148.1	1202.1	1299.3	1410.9	1551.2	1749.2	1997.5	2238.7	2364.6	2497.8
12.5°	892.6	943.0	1015.0	1115.7	1245.3	1389.3	1533.2	1763.6	2044.3	2188.3	2339.4
15°	723.4	763.0	842.2	968.2	1119.3	1266.9	1418.1	1608.8	1914.7	2080.3	2260.2
17.5°	575.9	604.7	676.6	802.6	953.8	1119.3	1292.1	1533.2	1871.5	2073.1	2285.4
20°	467.9	489.5	536.3	629.8	773.8	953.8	1169.7	1461.2	1896.7	2155.9	2415.0
22.5°	410.3	417.5	439.1	489.5	608.3	799.0	1058.1	1400.1	1943.5	2278.2	2627.4
25°	370.7	377.9	385.1	417.5	485.9	665.8	961.0	1364.1	2044.3	2458.2	2872.1
27.5°	345.5	352.7	356.3	370.7	417.5	568.7	878.2	1342.5	2181.1	2720.9	3174.4
30°	323.9	323.9	334.7	356.3	388.7	500.3	806.2	1292.1	2325.0	2940.5	3412.0
32.5°	305.9	309.5	323.9	334.7	356.3	442.7	734.2	1227.3	2454.6	3120.4	3645.9
35°	273.5	273.5	277.1	295.1	323.9	395.9	669.4	1162.5	2526.6	3296.8	3854.7
37.5°	251.9	255.5	262.7	277.1	302.3	363.5	615.4	1090.5	2602.2	3462.4	4099.4
40°	237.5	241.1	248.3	262.7	287.9	334.7	568.7	1032.9	2681.3	3642.3	4362.1
42.5°	226.7	230.3	237.5	251.9	273.5	327.5	518.3	986.2	2728.1	3807.9	4610.5
45°	215.9	219.5	230.3	244.7	262.7	320.3	489.5	953.8	2746.1	3919.4	4808.4
47.5°	205.1	208.7	219.5	241.1	262.7	309.5	478.7	935.8	2760.5	4045.4	4966.8
50°	194.4	201.6	215.9	237.5	266.3	295.1	471.5	932.2	2843.3	4207.4	5117.9
52.5°	187.2	198.0	212.3	237.5	262.7	273.5	467.9	943.0	3008.9	4448.5	5333.9
55°	180.0	190.8	205.1	237.5	251.9	255.5	449.9	961.0	3260.8	4783.2	5639.8
57.5°	172.8	180.0	198.0	230.3	237.5	241.1	413.9	986.2	3512.7	5110.8	5952.9
60°	162.0	169.2	187.2	230.3	215.9	226.7	367.1	993.4	3692.7	5215.1	5981.7
62.5°	151.2	158.4	176.4	237.5	198.0	212.3	327.5	968.2	3728.7	5064.0	5819.8
65°	140.4	147.6	162.0	198.0	183.6	198.0	302.3	899.8	3609.9	4718.4	5524.6
67.5°	129.6	136.8	147.6	162.0	165.6	180.0	291.5	791.8	3311.2	4290.2	5121.5
70°	115.2	122.4	133.2	144.0	147.6	169.2	273.5	687.4	2828.9	3717.9	4628.5
72.5°	104.4	108.0	118.8	126.0	133.2	154.8	262.7	601.1	2163.1	3008.9	3775.5
75°	90.0	90.0	100.8	108.0	115.2	136.8	241.1	500.3	1526.0	2296.2	2774.9
77.5°	75.6	75.6	82.8	90.0	97.2	118.8	205.1	406.7	1058.1	1821.2	2011.9
80°	57.6	57.6	64.8	72.0	79.2	100.8	165.6	298.7	655.0	1331.7	1464.8
82.5°	39.6	39.6	50.4	54.0	57.6	79.2	126.0	205.1	385.1	961.0	1047.3
85°	21.6	21.6	28.8	32.4	39.6	57.6	93.6	144.0	230.3	694.6	698.2
87.5°	3.6	3.6	10.8	10.8	18.0	28.8	54.0	79.2	129.6	385.1	244.7
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: P598795
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8	2569.8
2.5°	2810.9	2850.5	2854.1	2854.1	2836.1	2839.7	2789.3	2735.3	2717.3	2713.7
5°	2958.5	3062.9	3091.6	3106.0	3059.3	2987.3	2857.7	2717.3	2645.4	2634.6
7.5°	2929.7	3138.4	3250.0	3264.4	3170.8	3001.7	2774.9	2559.0	2476.2	2454.6
10°	2760.5	3041.3	3242.8	3293.2	3192.4	2976.5	2681.3	2429.4	2328.6	2310.6
12.5°	2641.8	2911.7	3109.6	3178.0	3131.2	2944.1	2634.6	2346.6	2245.9	2220.7
15°	2577.0	2825.3	2954.9	2976.5	2972.9	2893.7	2634.6	2364.6	2253.0	2224.3
17.5°	2631.0	2800.1	2818.1	2767.7	2796.5	2836.1	2692.1	2461.8	2353.8	2328.6
20°	2738.9	2789.3	2702.9	2627.4	2641.8	2767.7	2782.1	2645.4	2559.0	2515.8
22.5°	2965.7	2828.9	2631.0	2526.6	2537.4	2713.7	2900.9	2893.7	2818.1	2796.5
25°	3196.0	2940.5	2609.4	2487.0	2501.4	2702.9	3041.3	3170.8	3131.2	3120.4
27.5°	3451.6	3127.6	2623.8	2469.0	2487.0	2717.3	3138.4	3404.8	3412.0	3401.2
30°	3624.3	3217.6	2666.9	2490.6	2515.8	2753.3	3160.0	3545.1	3609.9	3613.5
32.5°	3768.3	3307.6	2756.9	2526.6	2569.8	2818.1	3217.6	3678.3	3822.3	3825.9
35°	3883.5	3408.4	2868.5	2591.4	2656.2	2926.1	3293.2	3804.3	4020.2	4045.4
37.5°	4031.0	3519.9	2998.1	2731.7	2803.7	3080.8	3426.4	3951.8	4254.2	4322.5
40°	4189.4	3631.5	3185.2	2958.5	3062.9	3311.2	3577.5	4117.4	4452.1	4545.7
42.5°	4365.7	3750.3	3397.6	3264.4	3422.8	3602.7	3750.3	4268.6	4603.3	4711.2
45°	4538.5	3894.2	3707.1	3681.9	3858.3	3948.2	3919.4	4376.5	4747.2	4855.2
47.5°	4660.9	4103.0	4081.4	4232.6	4398.1	4351.3	4117.4	4455.7	4866.0	4984.8
50°	4772.4	4362.1	4552.9	4848.0	4948.8	4790.4	4329.7	4563.7	4992.0	5125.1
52.5°	4938.0	4639.3	5038.8	5405.9	5503.1	5251.1	4560.1	4740.0	5186.3	5305.1
55°	5276.3	4952.4	5546.2	5967.3	5985.3	5672.2	4869.6	5038.8	5459.9	5596.6
57.5°	5654.2	5337.5	5949.3	6431.6	6424.4	6093.3	5218.7	5441.9	5830.6	5924.2
60°	5996.1	5726.2	6388.4	6762.7	6744.8	6399.2	5625.4	5899.0	6255.3	6327.3
62.5°	6197.7	6078.9	6582.8	6867.1	6798.7	6500.0	5970.9	6305.7	6557.6	6582.8
65°	6165.3	6280.5	6356.0	6532.4	6435.2	6219.3	6140.1	6564.8	6590.0	6564.8
67.5°	5920.6	6165.3	5733.4	5751.4	5701.0	5517.5	5877.4	6496.4	6323.7	6262.5
70°	5549.8	5567.8	4794.0	4567.3	4646.5	4394.5	5042.4	5963.7	5697.4	5621.8
72.5°	4934.4	4711.2	3624.3	3394.0	3512.7	3332.8	4045.4	5197.1	4938.0	4693.3
75°	4139.0	3732.3	2760.5	2433.0	2494.2	2487.0	3134.8	4293.8	3825.9	3581.1
77.5°	3206.8	2908.1	2037.1	1911.1	1846.3	1860.7	2188.3	3192.4	2774.9	2469.0
80°	2343.0	2033.5	1576.4	1648.4	1612.4	1526.0	1533.2	2137.9	1929.1	1745.6
82.5°	1619.6	1446.8	1277.7	1443.2	1356.9	1223.7	1194.9	1540.4	1446.8	1335.3
85°	1086.9	1191.3	1015.0	1104.9	957.4	881.8	1122.9	1288.5	1040.1	928.6
87.5°	709.0	1090.5	730.6	554.3	316.7	424.7	687.4	845.8	485.9	262.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)