

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: P598793

Luminaire Tested: **IFLD-S-SA2D-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: P598793
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

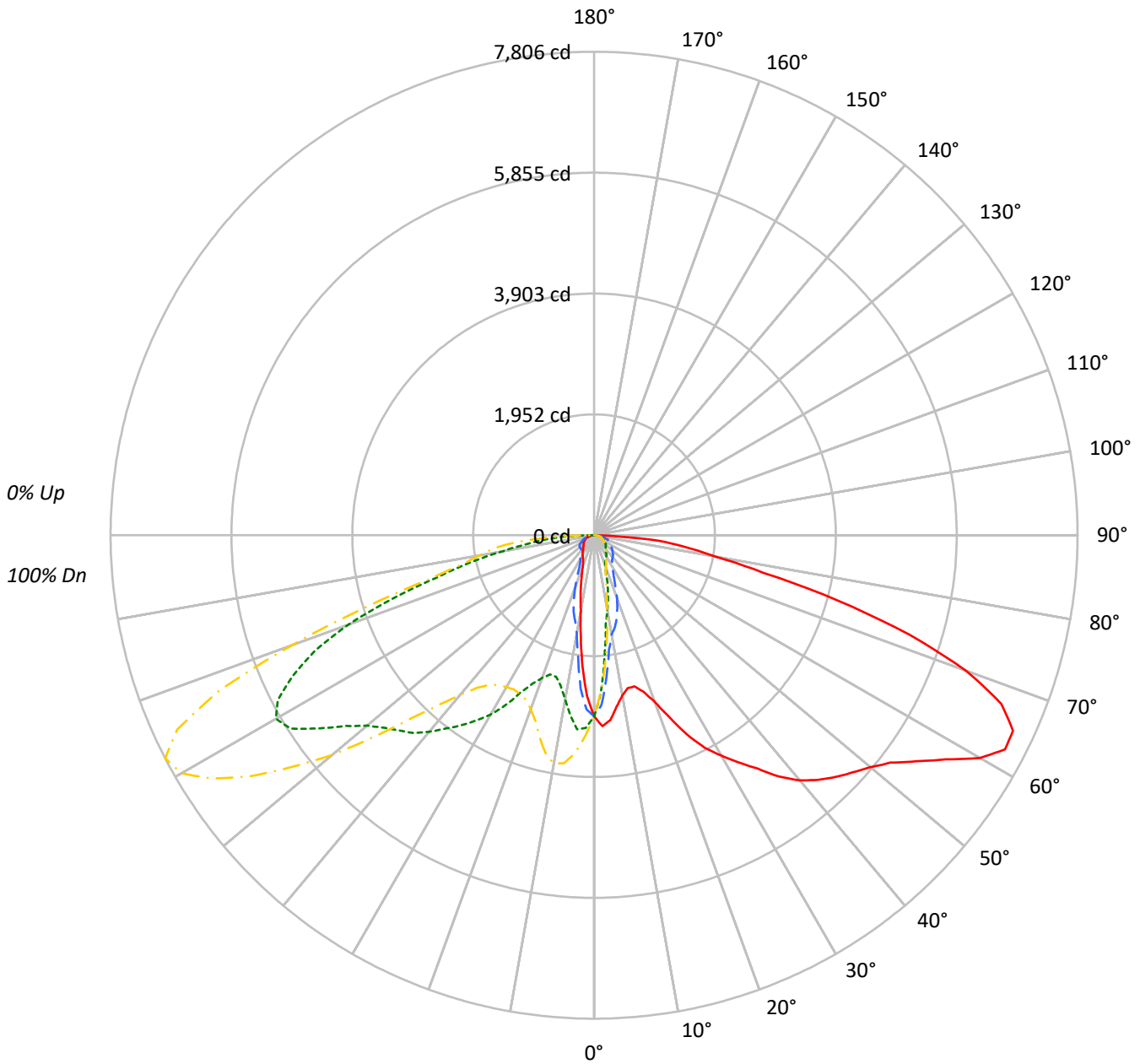
Lumens per Lamp: N/A
 Luminaire Lumens: 9778.8 lumens
 Efficiency: N/A
 Efficacy: 78.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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°	62885	62885	62885	62885
5°	64716	42083	45973	67987
10°	57415	26741	27008	58757
15°	56349	18966	17964	52703
20°	65514	11998	12092	56142
25°	84253	10302	10010	66374
30°	102105	9764	9153	83089
35°	120851	8602	8278	98487
40°	145212	8164	7588	116353
45°	168026	8095	7349	135641
50°	195114	8222	7398	160176
55°	238775	8445	7525	204072
60°	309669	8456	7927	255238
65°	380123	8543	8130	273212
70°	402232	9013	8497	266010
75°	338589	9532	8509	217109
80°	245989	11158	8616	187659
85°	260713	16179	7064	195034

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.1	2.3
10°-20°	473.1	4.8
20°-30°	681.8	7.0
30°-40°	981.6	10.0
40°-50°	1394.2	14.3
50°-60°	2004.5	20.5
60°-70°	2315.9	23.7
70°-80°	1311.3	13.4
80°-90°	390.2	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°	1381.0	14.1
0°-40°	2362.6	24.2
0°-60°	5761.3	58.9
0°-90°	9778.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9778.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2921	2921	2921	2921	2921	
5°	2995	1947	2127	3146	2995	272
15°	2528	851	806	2365	2528	743
25°	3547	434	421	2794	3547	1646
35°	4598	327	315	3748	4598	2918
45°	5519	266	241	4455	5519	4273
55°	6362	225	200	5437	6362	5762
65°	7462	168	160	5364	7462	7156
75°	4071	115	102	2610	4071	4319
85°	1056	66	29	790	1056	1051
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°	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1
2.5°	3084.7	3080.7	3056.1	2978.4	2896.6	2818.8	2745.2	2667.4	2626.5	2577.4	2557.0
5°	2994.7	2986.6	2917.0	2745.2	2593.8	2430.2	2291.1	2180.6	2090.6	2000.6	1967.9
7.5°	2790.2	2777.9	2696.1	2458.8	2237.9	2025.1	1857.4	1714.2	1595.6	1542.4	1481.0
10°	2626.5	2606.1	2499.7	2237.9	1951.5	1738.7	1628.3	1530.1	1427.8	1341.9	1251.9
12.5°	2524.3	2499.7	2389.2	2082.4	1804.2	1644.7	1530.1	1419.6	1292.8	1186.4	1088.3
15°	2528.3	2499.7	2364.7	2041.5	1767.4	1562.8	1403.3	1251.9	1104.6	986.0	875.5
17.5°	2647.0	2610.2	2467.0	2098.8	1738.7	1456.5	1243.7	1047.3	879.6	752.8	662.8
20°	2859.7	2835.2	2671.5	2184.7	1710.1	1341.9	1080.1	842.8	666.9	568.7	531.9
22.5°	3178.8	3150.2	2974.3	2315.6	1701.9	1239.6	904.1	662.8	535.9	495.0	474.6
25°	3547.0	3493.9	3330.2	2536.5	1718.3	1145.5	761.0	548.2	478.7	450.0	437.8
27.5°	3866.2	3833.4	3649.3	2745.2	1726.5	1071.9	662.8	499.1	445.9	421.4	413.2
30°	4107.5	4095.3	3915.3	2974.3	1706.0	981.9	601.4	478.7	445.9	421.4	396.8
32.5°	4348.9	4353.0	4160.7	3150.2	1677.4	904.1	544.1	425.5	392.8	376.4	380.5
35°	4598.5	4618.9	4455.3	3322.0	1616.0	875.5	503.2	396.8	368.2	343.7	331.4
37.5°	4913.5	4966.7	4807.1	3514.3	1554.6	851.0	482.8	376.4	347.7	327.3	310.9
40°	5167.2	5265.3	5171.2	3694.3	1513.7	822.3	466.4	355.9	335.5	310.9	298.7
42.5°	5355.3	5469.9	5437.2	3833.4	1513.7	793.7	450.0	343.7	327.3	298.7	282.3
45°	5519.0	5637.6	5633.5	3976.6	1546.5	777.3	429.6	343.7	319.1	290.5	274.1
47.5°	5666.3	5784.9	5825.8	4156.6	1599.6	769.1	405.0	335.5	319.1	286.4	261.8
50°	5825.8	5956.7	6079.5	4443.0	1665.1	748.7	388.7	323.2	323.2	282.3	253.7
52.5°	6030.4	6177.7	6402.7	4798.9	1730.6	711.9	364.1	315.0	323.2	278.2	245.5
55°	6361.8	6484.5	6779.1	5224.4	1812.4	666.9	343.7	294.6	306.8	265.9	233.2
57.5°	6734.1	6840.4	7085.9	5551.7	1836.9	609.6	315.0	274.1	294.6	253.7	216.8
60°	7192.3	7245.5	7245.5	5645.8	1755.1	556.4	294.6	257.7	265.9	241.4	204.6
62.5°	7482.8	7482.8	7245.5	5474.0	1599.6	511.4	278.2	241.4	233.2	225.0	192.3
65°	7462.3	7429.6	7077.7	4974.9	1419.6	482.8	261.8	220.9	208.6	204.6	180.0
67.5°	7118.6	7061.4	6582.7	4271.2	1231.4	470.5	245.5	200.5	192.3	184.1	163.6
70°	6390.4	6243.1	5654.0	3436.6	1047.3	462.3	241.4	184.1	175.9	167.7	151.4
72.5°	5334.9	5146.7	4414.4	2642.9	879.6	433.7	229.1	163.6	159.6	151.4	135.0
75°	4070.7	3723.0	3080.7	2021.0	683.2	376.4	196.4	143.2	143.2	139.1	122.7
77.5°	2806.5	2626.5	2147.9	1493.3	499.1	290.5	159.6	126.8	126.8	130.9	114.6
80°	1984.2	1816.5	1530.1	1071.9	315.0	196.4	122.7	106.4	118.6	126.8	106.4
82.5°	1517.8	1395.1	1137.3	781.4	184.1	135.0	94.1	85.9	102.3	110.5	90.0
85°	1055.5	908.2	576.9	523.7	106.4	81.8	69.5	69.5	90.0	110.5	81.8
87.5°	298.7	126.8	36.8	155.5	45.0	32.7	24.5	16.4	24.5	24.5	16.4
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°	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1
2.5°	2536.5	2512.0	2512.0	2503.8	2507.9	2512.0	2507.9	2536.5	2548.8	2565.2	2597.9
5°	1947.4	1980.1	1955.6	1980.1	2012.9	2062.0	2074.2	2111.0	2115.1	2143.8	2127.4
7.5°	1444.2	1440.1	1419.6	1448.3	1538.3	1607.8	1640.6	1661.0	1665.1	1665.1	1644.7
10°	1223.3	1186.4	1149.6	1129.2	1137.3	1211.0	1235.5	1247.8	1239.6	1251.9	1235.5
12.5°	1047.3	1014.6	961.4	924.6	900.1	920.5	945.1	957.3	965.5	986.0	1002.3
15°	851.0	818.2	785.5	765.0	744.6	728.2	748.7	761.0	781.4	797.8	806.0
17.5°	646.4	630.0	613.7	625.9	625.9	617.8	625.9	630.0	638.2	650.5	646.4
20°	523.7	519.6	515.5	535.9	552.3	552.3	560.5	548.2	544.1	531.9	527.8
22.5°	466.4	466.4	470.5	486.8	503.2	511.4	511.4	490.9	470.5	462.3	466.4
25°	433.7	433.7	445.9	450.0	458.2	458.2	462.3	441.8	429.6	417.3	421.4
27.5°	409.1	409.1	413.2	413.2	417.3	417.3	421.4	413.2	396.8	392.8	392.8
30°	392.8	392.8	388.7	388.7	388.7	388.7	392.8	380.5	372.3	368.2	368.2
32.5°	376.4	372.3	368.2	368.2	364.1	364.1	368.2	355.9	351.8	351.8	351.8
35°	327.3	323.2	327.3	335.5	335.5	339.6	339.6	335.5	327.3	319.1	315.0
37.5°	306.8	302.7	302.7	302.7	310.9	315.0	319.1	310.9	298.7	286.4	286.4
40°	290.5	290.5	286.4	286.4	286.4	294.6	302.7	290.5	274.1	270.0	270.0
42.5°	278.2	274.1	270.0	265.9	261.8	274.1	282.3	265.9	257.7	257.7	257.7
45°	265.9	261.8	257.7	253.7	249.6	253.7	261.8	245.5	241.4	241.4	241.4
47.5°	253.7	249.6	241.4	237.3	233.2	233.2	241.4	229.1	225.0	229.1	229.1
50°	245.5	237.3	229.1	225.0	220.9	220.9	220.9	216.8	216.8	216.8	220.9
52.5°	237.3	229.1	216.8	212.7	208.6	208.6	208.6	208.6	204.6	208.6	212.7
55°	225.0	216.8	208.6	204.6	200.5	196.4	200.5	196.4	196.4	200.5	200.5
57.5°	208.6	200.5	192.3	192.3	188.2	188.2	192.3	188.2	188.2	192.3	192.3
60°	196.4	188.2	180.0	180.0	175.9	180.0	184.1	180.0	180.0	180.0	184.1
62.5°	180.0	175.9	167.7	167.7	167.7	167.7	171.8	167.7	171.8	171.8	171.8
65°	167.7	159.6	155.5	155.5	155.5	155.5	163.6	155.5	159.6	159.6	159.6
67.5°	155.5	147.3	143.2	143.2	143.2	143.2	151.4	143.2	147.3	151.4	147.3
70°	143.2	135.0	130.9	130.9	130.9	130.9	135.0	130.9	130.9	135.0	135.0
72.5°	126.8	122.7	118.6	118.6	114.6	118.6	122.7	118.6	118.6	118.6	118.6
75°	114.6	110.5	110.5	106.4	106.4	106.4	110.5	102.3	102.3	102.3	102.3
77.5°	106.4	98.2	98.2	98.2	94.1	98.2	94.1	85.9	85.9	85.9	85.9
80°	90.0	81.8	85.9	85.9	81.8	81.8	77.7	69.5	69.5	69.5	69.5
82.5°	73.6	65.5	69.5	69.5	69.5	69.5	61.4	57.3	53.2	49.1	49.1
85°	65.5	53.2	61.4	61.4	57.3	57.3	40.9	40.9	32.7	32.7	28.6
87.5°	12.3	8.2	16.4	20.5	20.5	24.5	16.4	20.5	12.3	8.2	8.2
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°	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1
2.5°	2593.8	2638.8	2700.2	2745.2	2814.7	2867.9	2949.7	3019.3	3084.7	3113.4	3142.0
5°	2176.5	2205.1	2299.2	2372.9	2483.3	2602.0	2749.3	2908.8	3072.5	3146.1	3232.0
7.5°	1628.3	1681.5	1734.7	1841.0	1976.0	2168.3	2356.5	2593.8	2822.9	2933.4	3080.7
10°	1264.2	1305.1	1366.5	1476.9	1603.7	1763.3	1988.3	2270.6	2544.7	2687.9	2839.3
12.5°	1014.6	1071.9	1153.7	1268.3	1415.5	1579.2	1742.8	2004.7	2323.8	2487.4	2659.3
15°	822.3	867.3	957.3	1100.5	1272.4	1440.1	1611.9	1828.8	2176.5	2364.7	2569.3
17.5°	654.6	687.3	769.1	912.3	1084.2	1272.4	1468.7	1742.8	2127.4	2356.5	2597.9
20°	531.9	556.4	609.6	716.0	879.6	1084.2	1329.6	1661.0	2156.0	2450.6	2745.2
22.5°	466.4	474.6	499.1	556.4	691.4	908.2	1202.8	1591.5	2209.2	2589.7	2986.6
25°	421.4	429.6	437.8	474.6	552.3	756.9	1092.3	1550.6	2323.8	2794.3	3264.8
27.5°	392.8	400.9	405.0	421.4	474.6	646.4	998.2	1526.0	2479.3	3092.9	3608.4
30°	368.2	368.2	380.5	405.0	441.8	568.7	916.4	1468.7	2642.9	3342.5	3878.4
32.5°	347.7	351.8	368.2	380.5	405.0	503.2	834.6	1395.1	2790.2	3547.0	4144.4
35°	310.9	310.9	315.0	335.5	368.2	450.0	761.0	1321.4	2872.0	3747.5	4381.6
37.5°	286.4	290.5	298.7	315.0	343.7	413.2	699.6	1239.6	2957.9	3935.7	4659.8
40°	270.0	274.1	282.3	298.7	327.3	380.5	646.4	1174.2	3047.9	4140.3	4958.5
42.5°	257.7	261.8	270.0	286.4	310.9	372.3	589.1	1121.0	3101.1	4328.5	5240.8
45°	245.5	249.6	261.8	278.2	298.7	364.1	556.4	1084.2	3121.6	4455.3	5465.8
47.5°	233.2	237.3	249.6	274.1	298.7	351.8	544.1	1063.7	3137.9	4598.5	5645.8
50°	220.9	229.1	245.5	270.0	302.7	335.5	535.9	1059.6	3232.0	4782.6	5817.6
52.5°	212.7	225.0	241.4	270.0	298.7	310.9	531.9	1071.9	3420.2	5056.7	6063.1
55°	204.6	216.8	233.2	270.0	286.4	290.5	511.4	1092.3	3706.6	5437.2	6410.9
57.5°	196.4	204.6	225.0	261.8	270.0	274.1	470.5	1121.0	3993.0	5809.5	6766.8
60°	184.1	192.3	212.7	261.8	245.5	257.7	417.3	1129.2	4197.5	5928.1	6799.5
62.5°	171.8	180.0	200.5	270.0	225.0	241.4	372.3	1100.5	4238.5	5756.3	6615.4
65°	159.6	167.7	184.1	225.0	208.6	225.0	343.7	1022.8	4103.4	5363.5	6280.0
67.5°	147.3	155.5	167.7	184.1	188.2	204.6	331.4	900.1	3763.9	4876.7	5821.7
70°	130.9	139.1	151.4	163.6	167.7	192.3	310.9	781.4	3215.7	4226.2	5261.3
72.5°	118.6	122.7	135.0	143.2	151.4	175.9	298.7	683.2	2458.8	3420.2	4291.6
75°	102.3	102.3	114.6	122.7	130.9	155.5	274.1	568.7	1734.7	2610.2	3154.3
77.5°	85.9	85.9	94.1	102.3	110.5	135.0	233.2	462.3	1202.8	2070.1	2287.0
80°	65.5	65.5	73.6	81.8	90.0	114.6	188.2	339.6	744.6	1513.7	1665.1
82.5°	45.0	45.0	57.3	61.4	65.5	90.0	143.2	233.2	437.8	1092.3	1190.5
85°	24.5	24.5	32.7	36.8	45.0	65.5	106.4	163.6	261.8	789.6	793.7
87.5°	4.1	4.1	12.3	12.3	20.5	32.7	61.4	90.0	147.3	437.8	278.2
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: P598793
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1	2921.1
2.5°	3195.2	3240.2	3244.3	3244.3	3223.8	3227.9	3170.7	3109.3	3088.8	3084.7
5°	3362.9	3481.6	3514.3	3530.7	3477.5	3395.7	3248.4	3088.8	3007.0	2994.7
7.5°	3330.2	3567.5	3694.3	3710.7	3604.3	3412.0	3154.3	2908.8	2814.7	2790.2
10°	3137.9	3457.0	3686.1	3743.4	3628.9	3383.4	3047.9	2761.5	2647.0	2626.5
12.5°	3002.9	3309.8	3534.8	3612.5	3559.3	3346.6	2994.7	2667.4	2552.9	2524.3
15°	2929.3	3211.6	3358.9	3383.4	3379.3	3289.3	2994.7	2687.9	2561.1	2528.3
17.5°	2990.6	3182.9	3203.4	3146.1	3178.8	3223.8	3060.2	2798.4	2675.6	2647.0
20°	3113.4	3170.7	3072.5	2986.6	3002.9	3146.1	3162.5	3007.0	2908.8	2859.7
22.5°	3371.1	3215.7	2990.6	2872.0	2884.3	3084.7	3297.5	3289.3	3203.4	3178.8
25°	3633.0	3342.5	2966.1	2827.0	2843.4	3072.5	3457.0	3604.3	3559.3	3547.0
27.5°	3923.4	3555.2	2982.5	2806.5	2827.0	3088.8	3567.5	3870.3	3878.4	3866.2
30°	4119.8	3657.5	3031.6	2831.1	2859.7	3129.7	3592.1	4029.8	4103.4	4107.5
32.5°	4283.5	3759.8	3133.8	2872.0	2921.1	3203.4	3657.5	4181.2	4344.8	4348.9
35°	4414.4	3874.3	3260.7	2945.6	3019.3	3326.1	3743.4	4324.4	4569.8	4598.5
37.5°	4582.1	4001.2	3407.9	3105.2	3187.0	3502.0	3894.8	4492.1	4835.8	4913.5
40°	4762.1	4128.0	3620.7	3362.9	3481.6	3763.9	4066.6	4680.3	5060.8	5167.2
42.5°	4962.6	4263.0	3862.1	3710.7	3890.7	4095.3	4263.0	4852.1	5232.6	5355.3
45°	5159.0	4426.7	4213.9	4185.3	4385.7	4488.0	4455.3	4974.9	5396.3	5519.0
47.5°	5298.1	4663.9	4639.4	4811.2	4999.4	4946.2	4680.3	5064.9	5531.3	5666.3
50°	5424.9	4958.5	5175.3	5510.8	5625.4	5445.4	4921.7	5187.6	5674.5	5825.8
52.5°	5613.1	5273.5	5727.6	6144.9	6255.4	5969.0	5183.5	5388.1	5895.4	6030.4
55°	5997.7	5629.5	6304.5	6783.2	6803.6	6447.7	5535.4	5727.6	6206.3	6361.8
57.5°	6427.2	6067.2	6762.7	7310.9	7302.7	6926.4	5932.2	6185.9	6627.7	6734.1
60°	6815.9	6509.1	7261.8	7687.3	7666.9	7274.1	6394.5	6705.4	7110.5	7192.3
62.5°	7045.0	6910.0	7482.8	7806.0	7728.2	7388.7	6787.3	7167.7	7454.1	7482.8
65°	7008.2	7139.1	7225.0	7425.5	7315.0	7069.5	6979.5	7462.3	7490.9	7462.3
67.5°	6730.0	7008.2	6517.2	6537.7	6480.4	6271.8	6680.9	7384.6	7188.2	7118.6
70°	6308.6	6329.0	5449.4	5191.7	5281.7	4995.3	5731.7	6779.1	6476.3	6390.4
72.5°	5609.0	5355.3	4119.8	3858.0	3993.0	3788.4	4598.5	5907.7	5613.1	5334.9
75°	4704.9	4242.5	3137.9	2765.6	2835.2	2827.0	3563.4	4880.8	4348.9	4070.7
77.5°	3645.2	3305.7	2315.6	2172.4	2098.8	2115.1	2487.4	3628.9	3154.3	2806.5
80°	2663.4	2311.5	1791.9	1873.8	1832.8	1734.7	1742.8	2430.2	2192.9	1984.2
82.5°	1841.0	1644.7	1452.4	1640.6	1542.4	1391.0	1358.3	1751.0	1644.7	1517.8
85°	1235.5	1354.2	1153.7	1256.0	1088.3	1002.3	1276.4	1464.6	1182.3	1055.5
87.5°	806.0	1239.6	830.5	630.0	360.0	482.8	781.4	961.4	552.3	298.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)