

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: P599054

Luminaire Tested: **IFLD-S-SA2D-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599054
 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-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

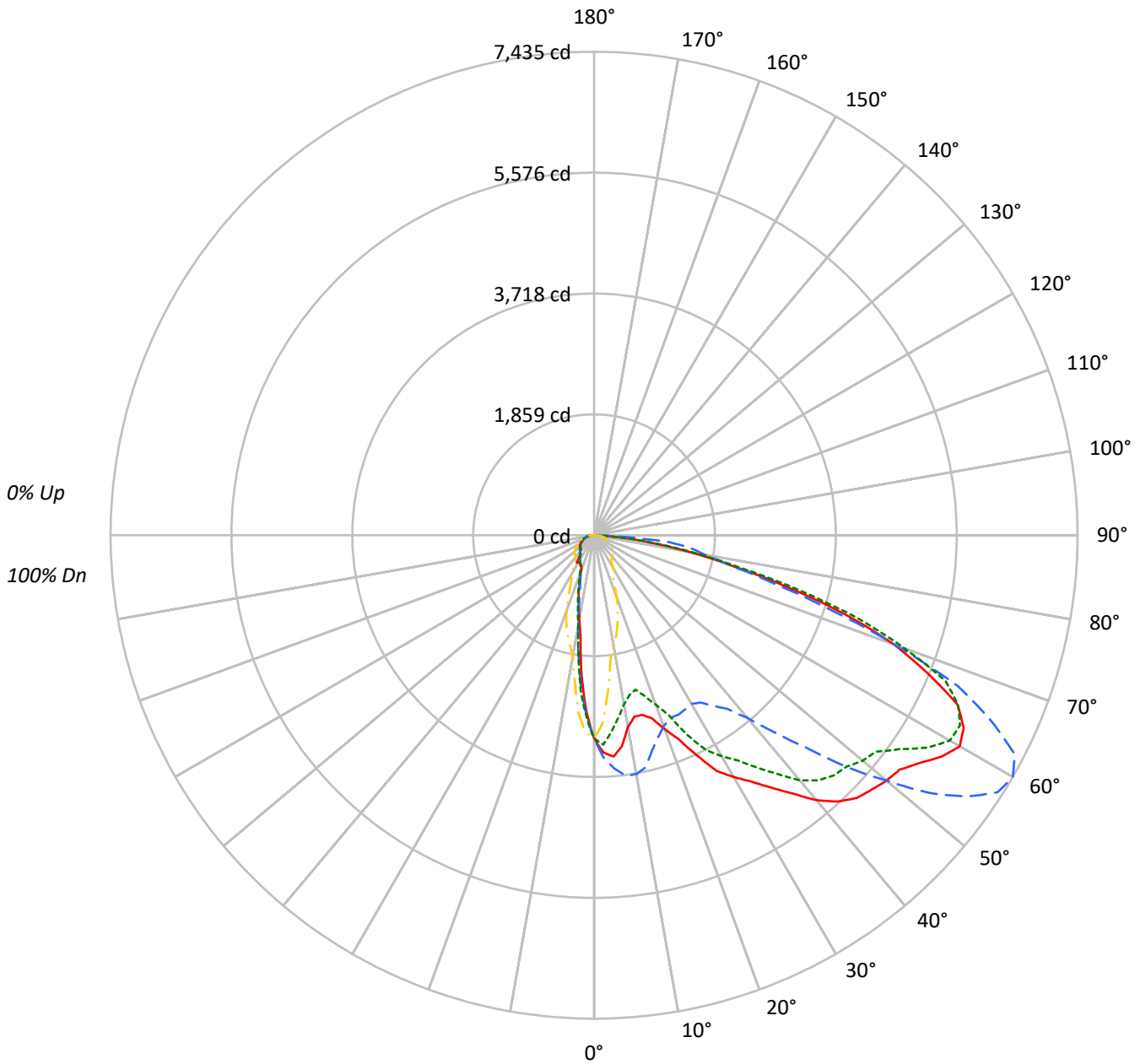
Lumens per Lamp: N/A
 Luminaire Lumens: 9779.1 lumens
 Efficiency: N/A
 Efficacy: 78.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	67240	67240	67240	67240
5°	73872	65621	47060	51371
10°	65431	57752	28543	30630
15°	63715	54820	20206	20981
20°	72648	63406	13219	14609
25°	88514	80374	11542	11953
30°	106649	97484	11969	11107
35°	124381	114463	9918	9348
40°	149461	138245	9265	8776
45°	173938	158880	9377	8716
50°	196571	180592	9589	9009
55°	229246	215246	9931	9443
60°	279603	271948	9898	9898
65°	314229	314667	10162	10606
70°	308818	319739	10650	10921
75°	254738	271698	11187	11911
80°	183928	193077	12373	12906
85°	101790	109299	13931	17142

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.6	2.5
10°-20°	512.3	5.2
20°-30°	749.6	7.7
30°-40°	1056.1	10.8
40°-50°	1451.4	14.8
50°-60°	1978.1	20.2
60°-70°	2164.9	22.1
70°-80°	1249.9	12.8
80°-90°	374.3	3.8
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°	1504.5	15.4
0°-40°	2560.6	26.2
0°-60°	5990.0	61.3
0°-90°	9779.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9779.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3123	3123	3123	3123	3123	
5°	3418	3037	2178	2377	3418	310
15°	2859	2460	907	941	2859	835
25°	3726	3384	486	503	3726	1745
35°	4733	4355	377	356	4733	3001
45°	5713	5219	308	286	5713	4391
55°	6108	5735	265	252	6108	5511
65°	6169	6177	200	208	6169	5904
75°	3063	3266	134	143	3063	3290
85°	412	442	56	69	412	572
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°	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4
2.5°	3344.6	3331.6	3344.6	3392.3	3405.3	3427.0	3427.0	3396.7	3340.3	3314.3	3270.9
5°	3418.4	3396.7	3505.1	3604.9	3683.0	3674.3	3600.6	3539.8	3427.0	3257.9	3097.3
7.5°	3270.9	3292.6	3370.6	3630.9	3813.1	3847.8	3730.7	3609.2	3366.3	3132.1	2915.2
10°	2993.2	3023.6	3192.8	3461.7	3748.1	3804.4	3730.7	3583.2	3292.6	3001.9	2750.3
12.5°	2858.8	2928.2	3027.9	3353.3	3557.2	3691.7	3657.0	3561.5	3236.2	2893.5	2650.5
15°	2858.8	2876.1	3023.6	3296.9	3414.0	3418.4	3431.4	3448.7	3253.5	2941.2	2615.8
17.5°	2949.9	2997.6	3123.4	3292.6	3314.3	3262.2	3262.2	3335.9	3288.2	3075.7	2741.6
20°	3171.1	3153.7	3318.6	3388.0	3270.9	3140.7	3127.7	3253.5	3327.3	3218.8	2971.5
22.5°	3392.3	3470.4	3604.9	3448.7	3231.8	3058.3	3041.0	3197.1	3444.4	3466.1	3236.2
25°	3726.4	3804.4	3873.9	3683.0	3227.5	3036.6	3049.6	3171.1	3587.5	3817.5	3678.6
27.5°	4086.4	4134.1	4233.9	3938.9	3331.6	3010.6	3023.6	3205.8	3722.0	4047.4	4025.7
30°	4290.3	4342.4	4320.7	3986.6	3401.0	3027.9	2993.2	3253.5	3648.3	4047.4	4251.3
32.5°	4489.9	4459.5	4446.5	4064.7	3487.8	3136.4	3049.6	3353.3	3691.7	4112.4	4541.9
35°	4732.8	4689.4	4654.7	4216.6	3630.9	3240.5	3201.5	3483.4	3787.1	4246.9	4776.2
37.5°	5001.7	5001.7	4832.6	4329.3	3800.1	3409.7	3366.3	3670.0	3938.9	4329.3	5097.2
40°	5318.4	5331.4	5032.1	4481.2	3991.0	3678.6	3665.6	3912.9	4086.4	4450.8	5405.2
42.5°	5552.7	5561.3	5205.6	4537.6	4212.2	4051.7	4108.1	4303.3	4255.6	4559.3	5426.9
45°	5713.2	5669.8	5327.1	4698.1	4455.2	4611.3	4628.7	4685.1	4476.8	4624.3	5513.6
47.5°	5791.3	5782.6	5379.1	4884.6	4967.0	5179.6	5279.4	5201.3	4680.7	4554.9	5513.6
50°	5869.3	5795.6	5426.9	5140.6	5465.9	5895.4	5873.7	5730.5	4962.7	4641.7	5431.2
52.5°	5921.4	5856.3	5522.3	5370.5	5943.1	6429.0	6515.7	6251.1	5292.4	4802.2	5470.2
55°	6107.9	6055.9	5808.6	5682.8	6494.0	6992.9	7005.9	6637.2	5639.4	5066.8	5726.2
57.5°	6333.5	6363.9	6203.4	6125.3	6914.8	7405.0	7357.3	6923.5	5934.4	5387.8	6021.2
60°	6494.0	6541.7	6502.7	6511.4	7123.0	7543.8	7435.4	7101.3	6151.3	5630.8	6381.2
62.5°	6407.3	6502.7	6663.2	6628.5	7131.7	7444.0	7292.2	6867.1	6177.3	5947.4	6654.5
65°	6168.7	6177.3	6489.7	6680.6	6741.3	6927.8	6728.3	6376.9	5908.4	6142.6	6615.5
67.5°	5557.0	5626.4	5908.4	6281.5	6025.5	6068.9	6051.5	5544.0	5500.6	6008.2	6316.2
70°	4906.3	4954.0	5262.0	5700.2	5088.5	4884.6	4923.7	4546.2	4724.1	5591.7	5713.2
72.5°	4056.1	4086.4	4437.8	4823.9	4082.1	3717.7	3808.8	3500.8	3752.4	4893.3	4819.5
75°	3062.6	3119.0	3392.3	3847.8	3006.3	2772.0	2863.1	2737.3	2971.5	4030.0	3739.4
77.5°	2177.7	2134.3	2472.7	3010.6	2260.1	2121.3	2130.0	2151.7	2403.3	3396.7	2685.2
80°	1483.6	1496.6	1800.3	2208.1	1774.3	1752.6	1730.9	1904.4	2017.2	2689.6	1952.1
82.5°	880.6	880.6	1214.6	1570.4	1401.2	1579.0	1479.3	1635.4	1579.0	1978.1	1279.7
85°	412.1	412.1	624.7	1132.2	1084.5	1301.4	1106.2	1236.3	1166.9	1379.5	577.0
87.5°	69.4	60.7	125.8	555.3	446.8	507.5	199.5	659.4	733.1	963.0	143.2
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°	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4
2.5°	3223.2	3192.8	3132.1	3054.0	2988.9	2906.5	2880.4	2824.1	2746.0	2737.3	2702.6
5°	3036.6	2932.5	2802.4	2641.9	2533.4	2420.6	2325.2	2268.8	2203.7	2195.0	2177.7
7.5°	2832.7	2702.6	2485.7	2294.8	2108.3	1930.4	1843.7	1735.2	1661.5	1605.1	1579.0
10°	2641.9	2520.4	2251.4	1991.2	1826.3	1709.2	1605.1	1492.3	1401.2	1331.8	1305.7
12.5°	2516.1	2372.9	2082.3	1835.0	1713.5	1579.0	1461.9	1340.4	1223.3	1132.2	1084.5
15°	2459.7	2325.2	2030.2	1756.9	1579.0	1392.5	1258.0	1136.6	993.4	928.3	906.6
17.5°	2594.1	2394.6	2012.8	1665.8	1414.2	1201.6	1036.8	906.6	802.5	737.5	711.4
20°	2767.7	2520.4	2043.2	1557.4	1258.0	1019.4	837.2	698.4	629.0	581.3	577.0
22.5°	2988.9	2706.9	2090.9	1479.3	1084.5	819.9	655.0	572.6	524.9	520.6	511.9
25°	3383.7	3045.3	2169.0	1375.2	945.7	676.7	559.6	511.9	490.2	477.2	485.9
27.5°	3722.0	3266.5	2225.4	1310.1	889.3	637.7	542.3	490.2	468.5	464.2	468.5
30°	3921.6	3470.4	2208.1	1188.6	776.5	607.3	577.0	559.6	516.2	481.5	481.5
32.5°	4103.8	3600.6	2203.7	1080.2	663.7	507.5	481.5	468.5	494.5	511.9	498.9
35°	4355.4	3804.4	2190.7	1019.4	616.0	468.5	425.1	390.4	373.1	364.4	377.4
37.5°	4624.3	3943.3	2156.0	1010.8	590.0	446.8	412.1	377.4	360.1	351.4	347.0
40°	4919.3	4090.8	2117.0	967.4	577.0	433.8	399.1	368.7	347.0	334.0	329.7
42.5°	5110.2	4207.9	2077.9	945.7	550.9	425.1	386.1	360.1	338.4	321.0	321.0
45°	5218.6	4346.7	2038.9	924.0	520.6	429.5	386.1	351.4	325.4	316.7	308.0
47.5°	5266.4	4450.8	2025.9	889.3	494.5	412.1	377.4	342.7	316.7	299.3	295.0
50°	5392.2	4672.1	2073.6	863.3	464.2	394.8	399.1	338.4	312.3	290.6	286.3
52.5°	5465.9	4849.9	2177.7	824.2	442.5	373.1	390.4	329.7	299.3	277.6	277.6
55°	5734.9	5144.9	2290.5	793.9	416.5	342.7	360.1	312.3	277.6	264.6	264.6
57.5°	6077.6	5457.2	2385.9	780.8	399.1	321.0	321.0	303.7	264.6	247.3	242.9
60°	6316.2	5713.2	2442.3	772.2	381.7	299.3	286.3	303.7	251.6	234.3	229.9
62.5°	6342.2	5565.7	2385.9	767.8	377.4	277.6	260.3	290.6	238.6	221.2	212.6
65°	6177.3	5266.4	2229.7	750.5	373.1	255.9	242.9	251.6	221.2	208.2	199.5
67.5°	5847.7	4780.5	2004.2	741.8	368.7	238.6	221.2	216.9	203.9	190.9	182.2
70°	5079.8	4147.2	1739.5	702.8	360.1	225.6	199.5	195.2	182.2	173.5	169.2
72.5°	4264.3	3392.3	1435.9	650.7	342.7	203.9	182.2	173.5	169.2	156.2	151.8
75°	3266.5	2611.5	1149.6	577.0	299.3	182.2	160.5	151.8	147.5	138.8	134.5
77.5°	2294.8	1943.4	850.3	468.5	251.6	164.8	143.2	134.5	130.1	117.1	117.1
80°	1557.4	1362.1	577.0	325.4	195.2	134.5	125.8	117.1	108.5	99.8	99.8
82.5°	967.4	954.4	416.5	212.6	143.2	108.5	99.8	99.8	86.8	78.1	78.1
85°	442.5	585.6	290.6	147.5	108.5	82.4	82.4	78.1	69.4	56.4	56.4
87.5°	138.8	195.2	151.8	65.1	60.7	47.7	47.7	43.4	43.4	34.7	34.7
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°	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4
2.5°	2737.3	2733.0	2733.0	2715.6	2759.0	2759.0	2785.0	2763.3	2776.3	2780.7	2815.4
5°	2173.4	2208.1	2234.1	2286.1	2316.5	2329.5	2329.5	2364.2	2351.2	2377.2	2429.3
7.5°	1592.1	1635.4	1713.5	1778.6	1830.6	1848.0	1843.7	1852.3	1865.4	1835.0	1843.7
10°	1288.4	1258.0	1284.1	1344.8	1392.5	1448.9	1405.5	1401.2	1414.2	1401.2	1427.2
12.5°	1075.8	1041.1	1019.4	1019.4	1054.1	1080.2	1067.2	1088.8	1136.6	1149.6	1179.9
15°	871.9	841.6	824.2	802.5	837.2	845.9	858.9	889.3	924.0	941.4	976.1
17.5°	698.4	698.4	698.4	681.1	694.1	707.1	711.4	750.5	754.8	772.2	785.2
20°	572.6	585.6	607.3	616.0	629.0	629.0	620.3	642.0	624.7	637.7	646.4
22.5°	516.2	533.6	542.3	546.6	563.9	568.3	546.6	550.9	555.3	542.3	546.6
25°	485.9	494.5	485.9	490.2	494.5	485.9	490.2	498.9	494.5	503.2	498.9
27.5°	472.8	464.2	459.8	455.5	455.5	446.8	451.2	451.2	459.8	464.2	464.2
30°	472.8	459.8	442.5	429.5	429.5	416.5	425.1	433.8	438.1	446.8	446.8
32.5°	485.9	459.8	429.5	416.5	403.4	394.8	403.4	416.5	433.8	438.1	442.5
35°	386.1	399.1	394.8	377.4	373.1	373.1	368.7	368.7	355.7	355.7	351.4
37.5°	347.0	342.7	351.4	355.7	360.1	347.0	347.0	329.7	325.4	329.7	329.7
40°	325.4	325.4	325.4	338.4	342.7	334.0	321.0	312.3	312.3	312.3	316.7
42.5°	316.7	308.0	303.7	312.3	325.4	316.7	303.7	299.3	299.3	303.7	303.7
45°	303.7	299.3	295.0	290.6	308.0	295.0	290.6	286.3	286.3	286.3	290.6
47.5°	290.6	286.3	277.6	277.6	282.0	277.6	273.3	273.3	273.3	282.0	282.0
50°	282.0	277.6	269.0	269.0	269.0	269.0	264.6	264.6	264.6	269.0	273.3
52.5°	269.0	264.6	260.3	255.9	255.9	255.9	255.9	255.9	255.9	260.3	264.6
55°	255.9	251.6	247.3	247.3	251.6	251.6	247.3	251.6	247.3	251.6	255.9
57.5°	242.9	238.6	234.3	238.6	242.9	238.6	238.6	238.6	238.6	238.6	242.9
60°	225.6	225.6	225.6	225.6	234.3	234.3	234.3	234.3	225.6	229.9	234.3
62.5°	216.9	212.6	212.6	216.9	221.2	221.2	225.6	221.2	216.9	221.2	221.2
65°	199.5	199.5	199.5	203.9	203.9	208.2	208.2	208.2	203.9	208.2	208.2
67.5°	186.5	186.5	186.5	186.5	195.2	195.2	195.2	195.2	190.9	190.9	195.2
70°	164.8	169.2	164.8	173.5	182.2	177.9	182.2	182.2	177.9	173.5	182.2
72.5°	151.8	151.8	151.8	151.8	164.8	164.8	164.8	169.2	164.8	160.5	164.8
75°	134.5	134.5	134.5	138.8	147.5	147.5	147.5	147.5	147.5	143.2	143.2
77.5°	117.1	121.5	117.1	121.5	130.1	125.8	130.1	134.5	130.1	125.8	125.8
80°	99.8	99.8	99.8	104.1	108.5	108.5	108.5	112.8	108.5	104.1	104.1
82.5°	78.1	78.1	82.4	82.4	86.8	86.8	86.8	91.1	86.8	82.4	82.4
85°	60.7	60.7	60.7	65.1	65.1	69.4	69.4	73.7	73.7	69.4	69.4
87.5°	39.0	34.7	39.0	39.0	43.4	43.4	39.0	34.7	39.0	34.7	30.4
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: P599054
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4	3123.4
2.5°	2850.1	2928.2	2984.6	3023.6	3080.0	3188.4	3231.8	3309.9	3331.6	3344.6
5°	2451.0	2533.4	2654.9	2741.6	2841.4	3045.3	3201.5	3318.6	3370.6	3418.4
7.5°	1921.7	2030.2	2156.0	2268.8	2433.6	2685.2	2889.1	3132.1	3223.2	3270.9
10°	1501.0	1600.7	1739.5	1878.4	2108.3	2320.8	2611.5	2832.7	2958.5	2993.2
12.5°	1266.7	1383.8	1548.7	1717.9	1861.0	2103.9	2398.9	2719.9	2837.1	2858.8
15°	1075.8	1236.3	1405.5	1579.0	1743.9	1956.4	2273.1	2663.5	2837.1	2858.8
17.5°	889.3	1032.4	1232.0	1418.5	1609.4	1900.1	2294.8	2711.3	2884.8	2949.9
20°	707.1	845.9	1002.1	1236.3	1496.6	1804.6	2342.5	2871.8	3101.7	3171.1
22.5°	585.6	646.4	798.2	1023.8	1331.8	1739.5	2390.3	3123.4	3366.3	3392.3
25°	511.9	555.3	650.7	863.3	1201.6	1696.2	2503.0	3414.0	3726.4	3726.4
27.5°	477.2	494.5	559.6	750.5	1110.5	1657.1	2615.8	3735.0	4025.7	4086.4
30°	468.5	511.9	546.6	668.1	1010.8	1548.7	2719.9	3986.6	4286.0	4290.3
32.5°	459.8	451.2	477.2	581.3	889.3	1435.9	2806.7	4242.6	4476.8	4489.9
35°	360.1	377.4	420.8	511.9	798.2	1353.5	2850.1	4381.4	4719.8	4732.8
37.5°	338.4	360.1	394.8	472.8	737.5	1284.1	2863.1	4650.4	4975.7	5001.7
40°	329.7	347.0	373.1	438.1	689.7	1197.3	2889.1	4928.0	5353.1	5318.4
42.5°	312.3	334.0	360.1	420.8	650.7	1132.2	2893.5	5079.8	5552.7	5552.7
45°	308.0	321.0	351.4	420.8	607.3	1075.8	2824.1	5231.7	5782.6	5713.2
47.5°	290.6	316.7	342.7	407.8	555.3	1019.4	2741.6	5309.7	5813.0	5791.3
50°	286.3	312.3	355.7	386.1	524.9	993.4	2724.3	5505.0	5873.7	5869.3
52.5°	277.6	303.7	368.7	368.7	485.9	958.7	2806.7	5591.7	5886.7	5921.4
55°	264.6	303.7	342.7	338.4	451.2	915.3	2897.8	5817.3	6116.6	6107.9
57.5°	255.9	295.0	325.4	308.0	412.1	885.0	3032.3	6034.2	6394.2	6333.5
60°	242.9	295.0	290.6	286.3	381.7	858.9	3145.1	6077.6	6455.0	6494.0
62.5°	234.3	308.0	255.9	264.6	355.7	845.9	3097.3	5752.2	6372.6	6407.3
65°	225.6	264.6	234.3	242.9	347.0	819.9	2910.8	5361.8	6016.8	6168.7
67.5°	208.2	216.9	216.9	225.6	338.4	759.2	2529.1	4659.0	5474.6	5557.0
70°	190.9	195.2	195.2	208.2	329.7	689.7	2086.6	4030.0	4750.1	4906.3
72.5°	173.5	173.5	173.5	190.9	303.7	633.4	1717.9	3097.3	3947.6	4056.1
75°	151.8	151.8	151.8	169.2	273.3	577.0	1353.5	2303.5	2906.5	3062.6
77.5°	134.5	134.5	130.1	151.8	238.6	468.5	976.1	1626.8	2047.5	2177.7
80°	112.8	108.5	108.5	121.5	186.5	338.4	629.0	1149.6	1427.2	1483.6
82.5°	91.1	86.8	82.4	91.1	134.5	212.6	390.4	802.5	915.3	880.6
85°	86.8	91.1	73.7	69.4	95.4	138.8	247.3	494.5	412.1	412.1
87.5°	34.7	30.4	30.4	26.0	47.7	52.1	108.5	91.1	69.4	69.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)