

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: P598909

Luminaire Tested: **IFLD-S-SA2D-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598909
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

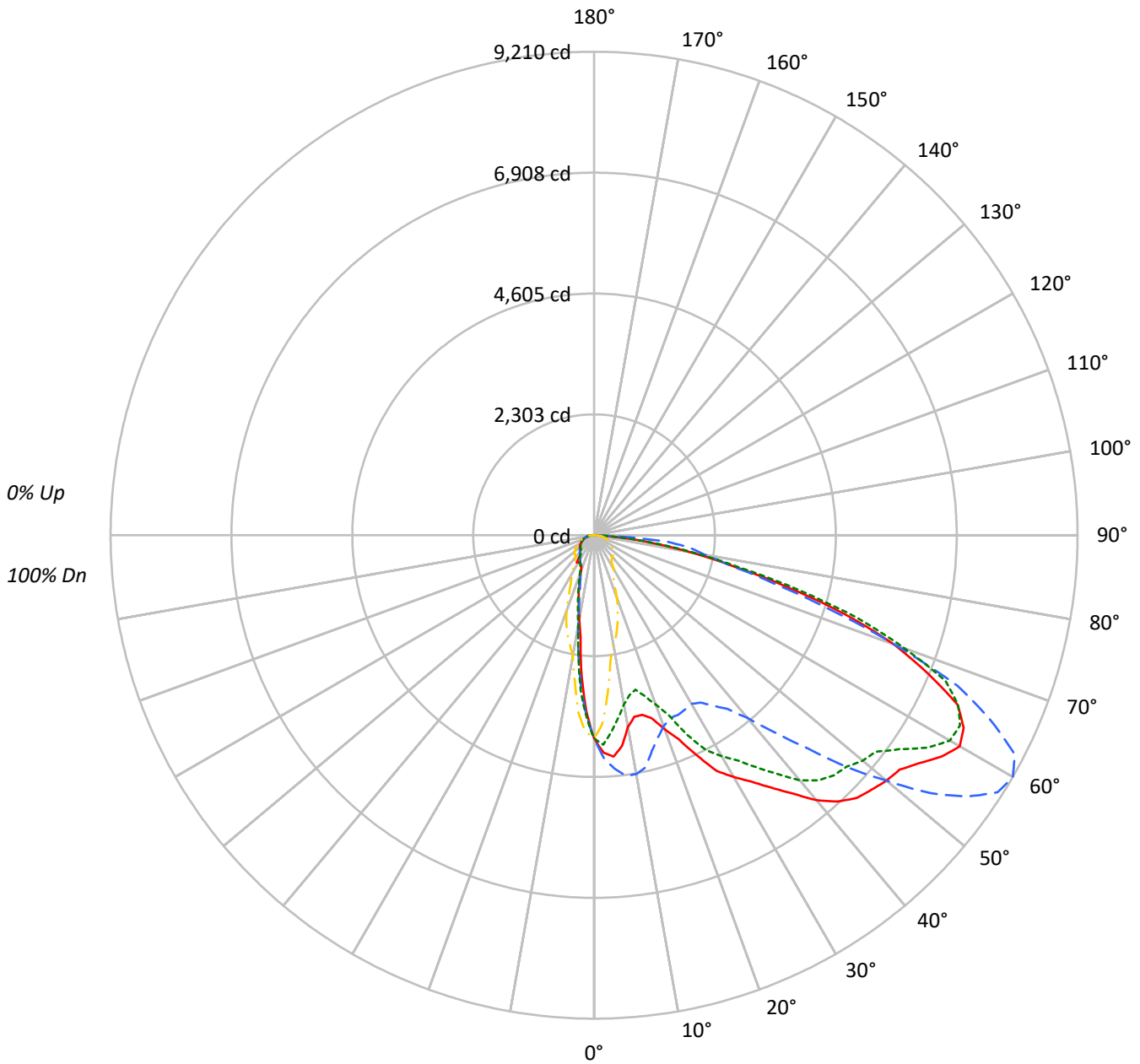
Lumens per Lamp: N/A
 Luminaire Lumens: 12113.7 lumens
 Efficiency: N/A
 Efficacy: 97.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (A_{in}): 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	83293	83293	83293	83293
5°	91508	81288	58295	63637
10°	81054	71539	35358	37942
15°	78926	67907	25031	25989
20°	89993	78543	16373	18096
25°	109645	99562	14297	14805
30°	132111	120756	14828	13759
35°	154075	141789	12286	11579
40°	185145	171252	11477	10873
45°	215465	196814	11615	10799
50°	243502	223706	11879	11159
55°	283979	266632	12303	11699
60°	346357	336872	12262	12262
65°	389247	389792	12592	13137
70°	382550	396076	13193	13526
75°	315557	336568	13857	14747
80°	227839	239170	15323	15993
85°	126096	135383	17266	21242

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.6	2.5
10°-20°	634.6	5.2
20°-30°	928.5	7.7
30°-40°	1308.2	10.8
40°-50°	1797.9	14.8
50°-60°	2450.3	20.2
60°-70°	2681.7	22.1
70°-80°	1548.3	12.8
80°-90°	463.6	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°	1863.7	15.4
0°-40°	3171.9	26.2
0°-60°	7420.1	61.3
0°-90°	12113.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12113.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3869	3869	3869	3869	3869	
5°	4234	3762	2698	2945	4234	385
15°	3541	3047	1123	1166	3541	1035
25°	4616	4192	602	623	4616	2162
35°	5863	5395	468	441	5863	3717
45°	7077	6465	382	355	7077	5439
55°	7566	7104	328	312	7566	6827
65°	7641	7652	247	258	7641	7314
75°	3794	4046	167	177	3794	4075
85°	510	548	70	86	510	708
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°	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1
2.5°	4143.1	4127.0	4143.1	4202.2	4218.4	4245.2	4245.2	4207.6	4137.7	4105.5	4051.8
5°	4234.5	4207.6	4341.9	4465.5	4562.3	4551.5	4460.2	4384.9	4245.2	4035.6	3836.8
7.5°	4051.8	4078.6	4175.4	4497.8	4723.5	4766.5	4621.4	4470.9	4170.0	3879.8	3611.1
10°	3707.9	3745.5	3955.0	4288.2	4642.9	4712.7	4621.4	4438.7	4078.6	3718.6	3406.9
12.5°	3541.3	3627.2	3750.8	4153.9	4406.4	4573.0	4530.0	4411.8	4008.8	3584.3	3283.3
15°	3541.3	3562.8	3745.5	4084.0	4229.1	4234.5	4250.6	4272.1	4030.3	3643.4	3240.3
17.5°	3654.1	3713.2	3869.1	4078.6	4105.5	4041.0	4041.0	4132.4	4073.3	3810.0	3396.2
20°	3928.2	3906.7	4110.9	4196.9	4051.8	3890.6	3874.4	4030.3	4121.6	3987.3	3681.0
22.5°	4202.2	4299.0	4465.5	4272.1	4003.4	3788.5	3767.0	3960.4	4266.7	4293.6	4008.8
25°	4616.0	4712.7	4798.7	4562.3	3998.0	3761.6	3777.7	3928.2	4444.0	4728.9	4556.9
27.5°	5062.0	5121.1	5244.7	4879.3	4127.0	3729.3	3745.5	3971.2	4610.6	5013.7	4986.8
30°	5314.6	5379.1	5352.2	4938.4	4213.0	3750.8	3707.9	4030.3	4519.3	5013.7	5266.2
32.5°	5561.8	5524.2	5508.0	5035.2	4320.5	3885.2	3777.7	4153.9	4573.0	5094.3	5626.3
35°	5862.7	5809.0	5766.0	5223.2	4497.8	4014.2	3965.8	4315.1	4691.2	5260.8	5916.4
37.5°	6195.9	6195.9	5986.3	5362.9	4707.4	4223.7	4170.0	4546.1	4879.3	5362.9	6314.1
40°	6588.2	6604.3	6233.5	5551.0	4943.8	4556.9	4540.8	4847.1	5062.0	5513.4	6695.6
42.5°	6878.3	6889.1	6448.4	5620.9	5217.9	5019.0	5088.9	5330.7	5271.6	5647.8	6722.5
45°	7077.2	7023.4	6598.9	5819.7	5518.8	5712.2	5733.7	5803.6	5545.7	5728.4	6830.0
47.5°	7173.9	7163.1	6663.4	6050.8	6152.9	6416.2	6539.8	6443.1	5798.2	5642.4	6830.0
50°	7270.6	7179.3	6722.5	6367.8	6770.9	7302.9	7276.0	7098.7	6147.5	5749.9	6727.9
52.5°	7335.1	7254.5	6840.7	6652.6	7362.0	7963.8	8071.3	7743.5	6555.9	5948.7	6776.2
55°	7566.2	7501.7	7195.4	7039.5	8044.4	8662.4	8678.5	8221.8	6985.8	6276.5	7093.3
57.5°	7845.6	7883.2	7684.4	7587.7	8565.7	9172.9	9113.8	8576.4	7351.2	6674.1	7458.7
60°	8044.4	8103.5	8055.2	8065.9	8823.6	9344.9	9210.5	8796.7	7619.9	6975.1	7904.7
62.5°	7937.0	8055.2	8254.0	8211.0	8834.4	9221.3	9033.2	8506.6	7652.1	7367.3	8243.3
65°	7641.4	7652.1	8039.1	8275.5	8350.7	8581.8	8334.6	7899.3	7319.0	7609.2	8194.9
67.5°	6883.7	6969.7	7319.0	7781.1	7464.1	7517.8	7496.3	6867.6	6813.8	7442.6	7824.1
70°	6077.7	6136.8	6518.3	7061.0	6303.3	6050.8	6099.1	5631.6	5852.0	6926.7	7077.2
72.5°	5024.4	5062.0	5497.3	5975.6	5056.6	4605.3	4718.1	4336.6	4648.2	6061.5	5970.2
75°	3793.8	3863.7	4202.2	4766.5	3724.0	3433.8	3546.6	3390.8	3681.0	4992.2	4632.1
77.5°	2697.6	2643.9	3063.0	3729.3	2799.7	2627.7	2638.5	2665.4	2977.0	4207.6	3326.3
80°	1837.8	1853.9	2230.1	2735.2	2197.8	2171.0	2144.1	2359.1	2498.8	3331.7	2418.2
82.5°	1090.9	1090.9	1504.6	1945.3	1735.7	1956.0	1832.4	2025.9	1956.0	2450.4	1585.2
85°	510.5	510.5	773.8	1402.5	1343.4	1612.1	1370.3	1531.5	1445.5	1708.8	714.7
87.5°	86.0	75.2	155.8	687.8	553.5	628.7	247.2	816.8	908.2	1193.0	177.3
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°	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1
2.5°	3992.7	3955.0	3879.8	3783.1	3702.5	3600.4	3568.1	3498.3	3401.6	3390.8	3347.8
5°	3761.6	3632.6	3471.4	3272.6	3138.2	2998.5	2880.3	2810.4	2729.8	2719.1	2697.6
7.5°	3509.0	3347.8	3079.1	2842.7	2611.6	2391.3	2283.8	2149.5	2058.1	1988.3	1956.0
10°	3272.6	3122.1	2788.9	2466.5	2262.3	2117.2	1988.3	1848.6	1735.7	1649.7	1617.5
12.5°	3116.7	2939.4	2579.4	2273.1	2122.6	1956.0	1810.9	1660.5	1515.4	1402.5	1343.4
15°	3046.9	2880.3	2514.9	2176.3	1956.0	1725.0	1558.4	1407.9	1230.6	1150.0	1123.1
17.5°	3213.5	2966.3	2493.4	2063.5	1751.8	1488.5	1284.3	1123.1	994.1	913.5	881.3
20°	3428.4	3122.1	2531.0	1929.2	1558.4	1262.8	1037.1	865.2	779.2	720.1	714.7
22.5°	3702.5	3353.2	2590.1	1832.4	1343.4	1015.6	811.4	709.3	650.2	644.8	634.1
25°	4191.5	3772.3	2686.8	1703.5	1171.5	838.3	693.2	634.1	607.2	591.1	601.9
27.5°	4610.6	4046.4	2756.7	1622.9	1101.6	789.9	671.7	607.2	580.4	575.0	580.4
30°	4857.8	4299.0	2735.2	1472.4	961.9	752.3	714.7	693.2	639.5	596.5	596.5
32.5°	5083.5	4460.2	2729.8	1338.1	822.2	628.7	596.5	580.4	612.6	634.1	618.0
35°	5395.2	4712.7	2713.7	1262.8	763.1	580.4	526.6	483.6	462.1	451.4	467.5
37.5°	5728.4	4884.7	2670.7	1252.1	730.8	553.5	510.5	467.5	446.0	435.3	429.9
40°	6093.8	5067.4	2622.4	1198.3	714.7	537.4	494.4	456.8	429.9	413.8	408.4
42.5°	6330.2	5212.5	2574.0	1171.5	682.5	526.6	478.3	446.0	419.1	397.7	397.7
45°	6464.6	5384.4	2525.6	1144.6	644.8	532.0	478.3	435.3	403.0	392.3	381.5
47.5°	6523.7	5513.4	2509.5	1101.6	612.6	510.5	467.5	424.5	392.3	370.8	365.4
50°	6679.5	5787.5	2568.6	1069.4	575.0	489.0	494.4	419.1	386.9	360.0	354.7
52.5°	6770.9	6007.8	2697.6	1021.0	548.1	462.1	483.6	408.4	370.8	343.9	343.9
55°	7104.0	6373.2	2837.3	983.4	515.9	424.5	446.0	386.9	343.9	327.8	327.8
57.5°	7528.5	6760.1	2955.5	967.3	494.4	397.7	397.7	376.2	327.8	306.3	300.9
60°	7824.1	7077.2	3025.4	956.5	472.9	370.8	354.7	376.2	311.7	290.2	284.8
62.5°	7856.3	6894.5	2955.5	951.1	467.5	343.9	322.4	360.0	295.6	274.1	263.3
65°	7652.1	6523.7	2762.1	929.6	462.1	317.0	300.9	311.7	274.1	257.9	247.2
67.5°	7243.7	5921.8	2482.6	918.9	456.8	295.6	274.1	268.7	252.6	236.4	225.7
70°	6292.6	5137.3	2154.9	870.5	446.0	279.4	247.2	241.8	225.7	214.9	209.6
72.5°	5282.3	4202.2	1778.7	806.1	424.5	252.6	225.7	214.9	209.6	193.5	188.1
75°	4046.4	3235.0	1424.0	714.7	370.8	225.7	198.8	188.1	182.7	172.0	166.6
77.5°	2842.7	2407.4	1053.2	580.4	311.7	204.2	177.3	166.6	161.2	145.1	145.1
80°	1929.2	1687.3	714.7	403.0	241.8	166.6	155.8	145.1	134.3	123.6	123.6
82.5°	1198.3	1182.2	515.9	263.3	177.3	134.3	123.6	123.6	107.5	96.7	96.7
85°	548.1	725.4	360.0	182.7	134.3	102.1	102.1	96.7	86.0	69.9	69.9
87.5°	172.0	241.8	188.1	80.6	75.2	59.1	59.1	53.7	53.7	43.0	43.0
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°	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1
2.5°	3390.8	3385.4	3385.4	3363.9	3417.7	3417.7	3449.9	3423.0	3439.2	3444.5	3487.5
5°	2692.2	2735.2	2767.5	2831.9	2869.6	2885.7	2885.7	2928.7	2912.5	2944.8	3009.3
7.5°	1972.1	2025.9	2122.6	2203.2	2267.7	2289.2	2283.8	2294.6	2310.7	2273.1	2283.8
10°	1596.0	1558.4	1590.6	1665.8	1725.0	1794.8	1741.1	1735.7	1751.8	1735.7	1767.9
12.5°	1332.7	1289.7	1262.8	1262.8	1305.8	1338.1	1321.9	1348.8	1407.9	1424.0	1461.6
15°	1080.1	1042.5	1021.0	994.1	1037.1	1047.9	1064.0	1101.6	1144.6	1166.1	1209.1
17.5°	865.2	865.2	865.2	843.7	859.8	875.9	881.3	929.6	935.0	956.5	972.6
20°	709.3	725.4	752.3	763.1	779.2	779.2	768.4	795.3	773.8	789.9	800.7
22.5°	639.5	661.0	671.7	677.1	698.6	704.0	677.1	682.5	687.8	671.7	677.1
25°	601.9	612.6	601.9	607.2	612.6	601.9	607.2	618.0	612.6	623.3	618.0
27.5°	585.7	575.0	569.6	564.2	564.2	553.5	558.9	558.9	569.6	575.0	575.0
30°	585.7	569.6	548.1	532.0	532.0	515.9	526.6	537.4	542.7	553.5	553.5
32.5°	601.9	569.6	532.0	515.9	499.8	489.0	499.8	515.9	537.4	542.7	548.1
35°	478.3	494.4	489.0	467.5	462.1	462.1	456.8	456.8	440.6	440.6	435.3
37.5°	429.9	424.5	435.3	440.6	446.0	429.9	429.9	408.4	403.0	408.4	408.4
40°	403.0	403.0	403.0	419.1	424.5	413.8	397.7	386.9	386.9	386.9	392.3
42.5°	392.3	381.5	376.2	386.9	403.0	392.3	376.2	370.8	370.8	376.2	376.2
45°	376.2	370.8	365.4	360.0	381.5	365.4	360.0	354.7	354.7	354.7	360.0
47.5°	360.0	354.7	343.9	343.9	349.3	343.9	338.5	338.5	338.5	349.3	349.3
50°	349.3	343.9	333.2	333.2	333.2	333.2	327.8	327.8	327.8	333.2	338.5
52.5°	333.2	327.8	322.4	317.0	317.0	317.0	317.0	317.0	317.0	322.4	327.8
55°	317.0	311.7	306.3	306.3	311.7	311.7	306.3	311.7	306.3	311.7	317.0
57.5°	300.9	295.6	290.2	295.6	300.9	295.6	295.6	295.6	295.6	295.6	300.9
60°	279.4	279.4	279.4	279.4	290.2	290.2	290.2	290.2	279.4	284.8	290.2
62.5°	268.7	263.3	263.3	268.7	274.1	274.1	279.4	274.1	268.7	274.1	274.1
65°	247.2	247.2	247.2	252.6	252.6	257.9	257.9	257.9	252.6	257.9	257.9
67.5°	231.1	231.1	231.1	231.1	241.8	241.8	241.8	241.8	236.4	236.4	241.8
70°	204.2	209.6	204.2	214.9	225.7	220.3	225.7	225.7	220.3	214.9	225.7
72.5°	188.1	188.1	188.1	188.1	204.2	204.2	204.2	209.6	204.2	198.8	204.2
75°	166.6	166.6	166.6	172.0	182.7	182.7	182.7	182.7	182.7	177.3	177.3
77.5°	145.1	150.5	145.1	150.5	161.2	155.8	161.2	166.6	161.2	155.8	155.8
80°	123.6	123.6	123.6	129.0	134.3	134.3	134.3	139.7	134.3	129.0	129.0
82.5°	96.7	96.7	102.1	102.1	107.5	107.5	107.5	112.8	107.5	102.1	102.1
85°	75.2	75.2	75.2	80.6	80.6	86.0	86.0	91.4	91.4	86.0	86.0
87.5°	48.4	43.0	48.4	48.4	53.7	53.7	48.4	43.0	48.4	43.0	37.6
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: P598909
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1	3869.1
2.5°	3530.5	3627.2	3697.1	3745.5	3815.3	3949.7	4003.4	4100.1	4127.0	4143.1
5°	3036.1	3138.2	3288.7	3396.2	3519.8	3772.3	3965.8	4110.9	4175.4	4234.5
7.5°	2380.5	2514.9	2670.7	2810.4	3014.6	3326.3	3578.9	3879.8	3992.7	4051.8
10°	1859.3	1982.9	2154.9	2326.8	2611.6	2874.9	3235.0	3509.0	3664.9	3707.9
12.5°	1569.1	1714.2	1918.4	2128.0	2305.3	2606.2	2971.7	3369.3	3514.4	3541.3
15°	1332.7	1531.5	1741.1	1956.0	2160.2	2423.5	2815.8	3299.5	3514.4	3541.3
17.5°	1101.6	1278.9	1526.1	1757.2	1993.6	2353.7	2842.7	3358.6	3573.5	3654.1
20°	875.9	1047.9	1241.3	1531.5	1853.9	2235.5	2901.8	3557.4	3842.2	3928.2
22.5°	725.4	800.7	988.8	1268.2	1649.7	2154.9	2960.9	3869.1	4170.0	4202.2
25°	634.1	687.8	806.1	1069.4	1488.5	2101.1	3100.6	4229.1	4616.0	4616.0
27.5°	591.1	612.6	693.2	929.6	1375.7	2052.8	3240.3	4626.8	4986.8	5062.0
30°	580.4	634.1	677.1	827.5	1252.1	1918.4	3369.3	4938.4	5309.2	5314.6
32.5°	569.6	558.9	591.1	720.1	1101.6	1778.7	3476.8	5255.5	5545.7	5561.8
35°	446.0	467.5	521.2	634.1	988.8	1676.6	3530.5	5427.4	5846.6	5862.7
37.5°	419.1	446.0	489.0	585.7	913.5	1590.6	3546.6	5760.6	6163.6	6195.9
40°	408.4	429.9	462.1	542.7	854.4	1483.1	3578.9	6104.5	6631.1	6588.2
42.5°	386.9	413.8	446.0	521.2	806.1	1402.5	3584.3	6292.6	6878.3	6878.3
45°	381.5	397.7	435.3	521.2	752.3	1332.7	3498.3	6480.7	7163.1	7077.2
47.5°	360.0	392.3	424.5	505.1	687.8	1262.8	3396.2	6577.4	7200.8	7173.9
50°	354.7	386.9	440.6	478.3	650.2	1230.6	3374.7	6819.2	7276.0	7270.6
52.5°	343.9	376.2	456.8	456.8	601.9	1187.6	3476.8	6926.7	7292.1	7335.1
55°	327.8	376.2	424.5	419.1	558.9	1133.9	3589.6	7206.1	7576.9	7566.2
57.5°	317.0	365.4	403.0	381.5	510.5	1096.2	3756.2	7474.8	7920.8	7845.6
60°	300.9	365.4	360.0	354.7	472.9	1064.0	3895.9	7528.5	7996.1	8044.4
62.5°	290.2	381.5	317.0	327.8	440.6	1047.9	3836.8	7125.5	7894.0	7937.0
65°	279.4	327.8	290.2	300.9	429.9	1015.6	3605.8	6641.9	7453.3	7641.4
67.5°	257.9	268.7	268.7	279.4	419.1	940.4	3132.9	5771.4	6781.6	6883.7
70°	236.4	241.8	241.8	257.9	408.4	854.4	2584.7	4992.2	5884.2	6077.7
72.5°	214.9	214.9	214.9	236.4	376.2	784.6	2128.0	3836.8	4890.1	5024.4
75°	188.1	188.1	188.1	209.6	338.5	714.7	1676.6	2853.4	3600.4	3793.8
77.5°	166.6	166.6	161.2	188.1	295.6	580.4	1209.1	2015.1	2536.4	2697.6
80°	139.7	134.3	134.3	150.5	231.1	419.1	779.2	1424.0	1767.9	1837.8
82.5°	112.8	107.5	102.1	112.8	166.6	263.3	483.6	994.1	1133.9	1090.9
85°	107.5	112.8	91.4	86.0	118.2	172.0	306.3	612.6	510.5	510.5
87.5°	43.0	37.6	37.6	32.2	59.1	64.5	134.3	112.8	86.0	86.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)