

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: P599083

Luminaire Tested: **IFLD-S-SA2D-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599083
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

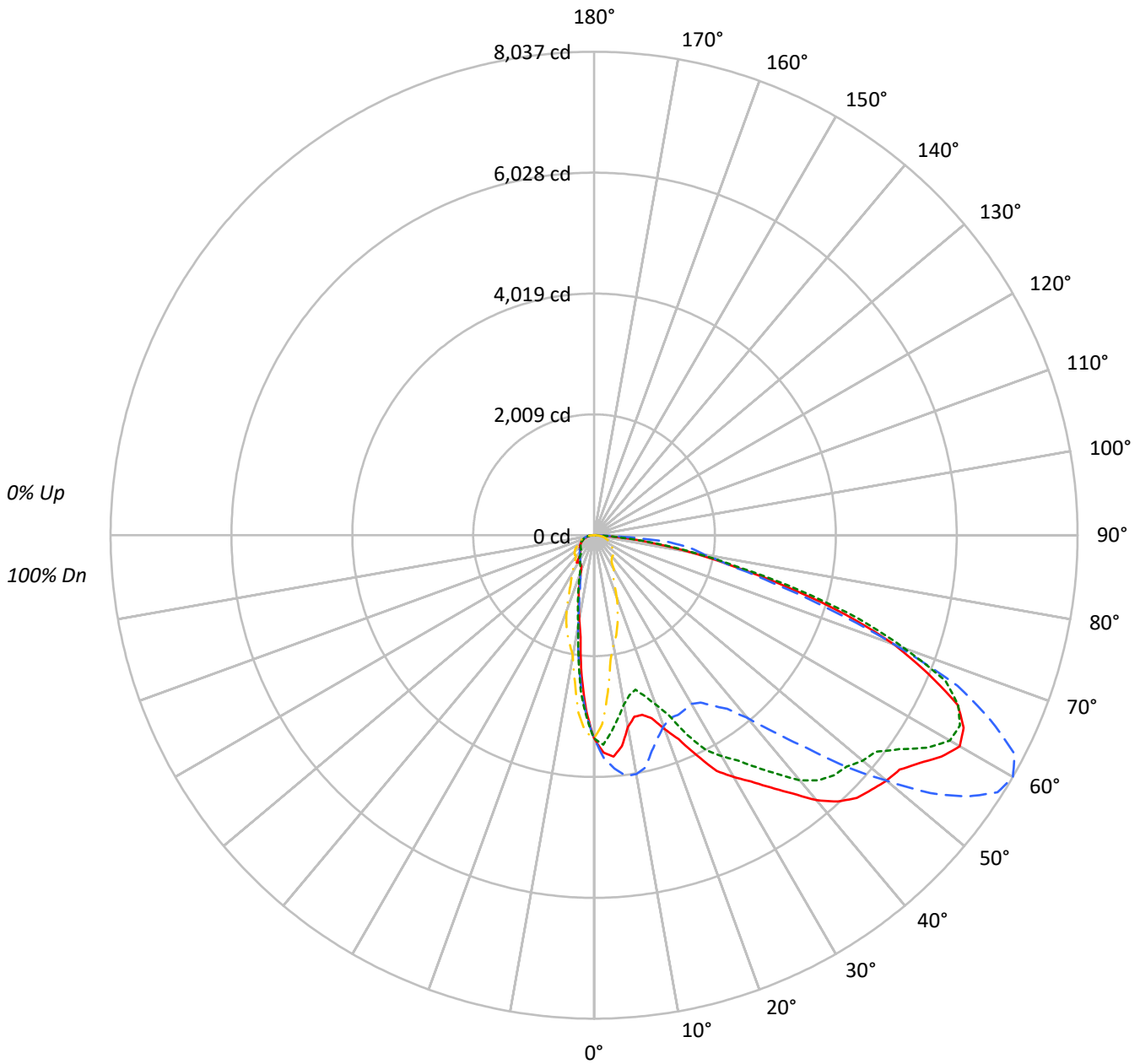
Lumens per Lamp: N/A
 Luminaire Lumens: 10570.6 lumens
 Efficiency: N/A
 Efficacy: 85.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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				
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°	72682	72682	72682	72682
5°	79851	70933	50870	55531
10°	70728	62425	30853	33109
15°	68870	59255	21842	22677
20°	78529	68538	14289	15791
25°	95678	86878	12475	12919
30°	115282	105374	12939	12007
35°	134449	123727	10722	10105
40°	161559	149436	10016	9487
45°	188016	171740	10135	9423
50°	212483	195208	10366	9736
55°	247802	232669	10734	10209
60°	302238	293958	10699	10699
65°	339662	340136	10988	11466
70°	333813	345621	11512	11808
75°	275358	293690	12094	12868
80°	198817	208698	13377	13947
85°	110040	118142	15067	18525

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.3	2.5
10°-20°	553.8	5.2
20°-30°	810.2	7.7
30°-40°	1141.6	10.8
40°-50°	1568.8	14.8
50°-60°	2138.2	20.2
60°-70°	2340.1	22.1
70°-80°	1351.0	12.8
80°-90°	404.6	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°	1626.3	15.4
0°-40°	2767.8	26.2
0°-60°	6474.9	61.3
0°-90°	10570.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10570.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3376	3376	3376	3376	3376	
5°	3695	3282	2354	2570	3695	336
15°	3090	2659	980	1018	3090	903
25°	4028	3658	525	544	4028	1886
35°	5116	4708	408	384	5116	3244
45°	6176	5641	333	310	6176	4746
55°	6602	6199	286	272	6602	5957
65°	6668	6677	216	225	6668	6382
75°	3310	3531	145	155	3310	3556
85°	446	478	61	75	446	618
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°	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2
2.5°	3615.3	3601.3	3615.3	3666.9	3681.0	3704.4	3704.4	3671.6	3610.6	3582.5	3535.6
5°	3695.1	3671.6	3788.8	3896.7	3981.1	3971.7	3892.0	3826.3	3704.4	3521.6	3348.1
7.5°	3535.6	3559.1	3643.5	3924.8	4121.8	4159.3	4032.7	3901.4	3638.8	3385.6	3151.1
10°	3235.5	3268.3	3451.2	3741.9	4051.4	4112.4	4032.7	3873.2	3559.1	3244.9	2972.9
12.5°	3090.1	3165.2	3273.0	3624.7	3845.1	3990.5	3953.0	3849.8	3498.1	3127.7	2865.1
15°	3090.1	3108.9	3268.3	3563.8	3690.4	3695.1	3709.1	3727.9	3516.9	3179.2	2827.6
17.5°	3188.6	3240.2	3376.2	3559.1	3582.5	3526.2	3526.2	3606.0	3554.4	3324.6	2963.5
20°	3427.8	3409.0	3587.2	3662.2	3535.6	3394.9	3380.9	3516.9	3596.6	3479.3	3212.1
22.5°	3666.9	3751.3	3896.7	3727.9	3493.4	3305.9	3287.1	3455.9	3723.2	3746.6	3498.1
25°	4028.0	4112.4	4187.4	3981.1	3488.7	3282.4	3296.5	3427.8	3877.9	4126.5	3976.4
27.5°	4417.2	4468.8	4576.6	4257.7	3601.3	3254.3	3268.3	3465.3	4023.3	4375.0	4351.5
30°	4637.6	4693.8	4670.4	4309.3	3676.3	3273.0	3235.5	3516.9	3943.6	4375.0	4595.4
32.5°	4853.3	4820.4	4806.4	4393.7	3770.1	3390.3	3296.5	3624.7	3990.5	4445.3	4909.5
35°	5115.9	5069.0	5031.5	4557.9	3924.8	3502.8	3460.6	3765.4	4093.6	4590.7	5162.8
37.5°	5406.6	5406.6	5223.7	4679.8	4107.7	3685.7	3638.8	3967.0	4257.7	4679.8	5509.8
40°	5748.9	5763.0	5439.4	4843.9	4314.0	3976.4	3962.3	4229.6	4417.2	4811.1	5842.7
42.5°	6002.1	6011.5	5627.0	4904.9	4553.2	4379.7	4440.6	4651.6	4600.1	4928.3	5866.1
45°	6175.6	6128.7	5758.3	5078.3	4815.8	4984.6	5003.3	5064.3	4839.2	4998.6	5959.9
47.5°	6260.0	6250.6	5814.5	5280.0	5369.1	5598.8	5706.7	5622.3	5059.6	4923.6	5959.9
50°	6344.4	6264.7	5866.1	5556.6	5908.3	6372.6	6349.1	6194.4	5364.4	5017.4	5870.8
52.5°	6400.7	6330.4	5969.3	5805.2	6424.1	6949.3	7043.1	6757.1	5720.8	5190.9	5913.0
55°	6602.3	6546.1	6278.8	6142.8	7019.7	7558.9	7573.0	7174.4	6095.9	5476.9	6189.7
57.5°	6846.2	6879.0	6705.5	6621.1	7474.5	8004.4	7952.8	7483.9	6414.8	5823.9	6508.5
60°	7019.7	7071.2	7029.0	7038.4	7699.6	8154.4	8037.2	7676.1	6649.2	6086.5	6897.7
62.5°	6925.9	7029.0	7202.5	7165.0	7709.0	8046.6	7882.5	7422.9	6677.3	6428.8	7193.2
65°	6668.0	6677.3	7015.0	7221.3	7286.9	7488.6	7272.9	6893.1	6386.6	6639.8	7151.0
67.5°	6006.8	6081.8	6386.6	6789.9	6513.2	6560.1	6541.4	5992.7	5945.8	6494.5	6827.4
70°	5303.4	5355.0	5687.9	6161.5	5500.4	5280.0	5322.2	4914.2	5106.5	6044.3	6175.6
72.5°	4384.4	4417.2	4797.0	5214.3	4412.5	4018.6	4117.1	3784.1	4056.1	5289.4	5209.6
75°	3310.5	3371.5	3666.9	4159.3	3249.6	2996.4	3094.8	2958.9	3212.1	4356.2	4042.0
77.5°	2354.0	2307.1	2672.8	3254.3	2443.0	2293.0	2302.4	2325.8	2597.8	3671.6	2902.6
80°	1603.7	1617.8	1946.0	2386.8	1917.9	1894.4	1871.0	2058.5	2180.5	2907.3	2110.1
82.5°	951.9	951.9	1313.0	1697.5	1514.6	1706.9	1599.0	1767.8	1706.9	2138.3	1383.3
85°	445.5	445.5	675.2	1223.9	1172.3	1406.7	1195.7	1336.4	1261.4	1491.1	623.7
87.5°	75.0	65.6	136.0	600.2	483.0	548.6	215.7	712.8	792.5	1041.0	154.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2
2.5°	3484.0	3451.2	3385.6	3301.2	3230.8	3141.7	3113.6	3052.6	2968.2	2958.9	2921.3
5°	3282.4	3169.9	3029.2	2855.7	2738.5	2616.5	2513.4	2452.4	2382.1	2372.7	2354.0
7.5°	3062.0	2921.3	2686.9	2480.6	2278.9	2086.7	1992.9	1875.7	1795.9	1735.0	1706.9
10°	2855.7	2724.4	2433.7	2152.3	1974.1	1847.5	1735.0	1613.1	1514.6	1439.6	1411.4
12.5°	2719.7	2565.0	2250.8	1983.5	1852.2	1706.9	1580.2	1448.9	1322.3	1223.9	1172.3
15°	2658.7	2513.4	2194.5	1899.1	1706.9	1505.2	1359.9	1228.6	1073.8	1003.5	980.0
17.5°	2804.1	2588.4	2175.8	1800.6	1528.7	1298.9	1120.7	980.0	867.5	797.2	769.0
20°	2991.7	2724.4	2208.6	1683.4	1359.9	1102.0	905.0	755.0	679.9	628.3	623.7
22.5°	3230.8	2926.0	2260.2	1599.0	1172.3	886.2	708.1	619.0	567.4	562.7	553.3
25°	3657.5	3291.8	2344.6	1486.5	1022.2	731.5	604.9	553.3	529.9	515.8	525.2
27.5°	4023.3	3530.9	2405.5	1416.1	961.3	689.3	586.1	529.9	506.4	501.7	506.4
30°	4239.0	3751.3	2386.8	1284.8	839.4	656.5	623.7	604.9	558.0	520.5	520.5
32.5°	4435.9	3892.0	2382.1	1167.6	717.4	548.6	520.5	506.4	534.6	553.3	539.3
35°	4707.9	4112.4	2368.0	1102.0	665.9	506.4	459.5	422.0	403.3	393.9	408.0
37.5°	4998.6	4262.4	2330.5	1092.6	637.7	483.0	445.5	408.0	389.2	379.8	375.1
40°	5317.5	4421.9	2288.3	1045.7	623.7	468.9	431.4	398.6	375.1	361.1	356.4
42.5°	5523.8	4548.5	2246.1	1022.2	595.5	459.5	417.3	389.2	365.8	347.0	347.0
45°	5641.0	4698.5	2203.9	998.8	562.7	464.2	417.3	379.8	351.7	342.3	332.9
47.5°	5692.6	4811.1	2189.8	961.3	534.6	445.5	408.0	370.4	342.3	323.6	318.9
50°	5828.6	5050.2	2241.4	933.1	501.7	426.7	431.4	365.8	337.6	314.2	309.5
52.5°	5908.3	5242.5	2354.0	890.9	478.3	403.3	422.0	356.4	323.6	300.1	300.1
55°	6199.1	5561.3	2475.9	858.1	450.2	370.4	389.2	337.6	300.1	286.0	286.0
57.5°	6569.5	5899.0	2579.0	844.0	431.4	347.0	347.0	328.2	286.0	267.3	262.6
60°	6827.4	6175.6	2640.0	834.7	412.6	323.6	309.5	328.2	272.0	253.2	248.5
62.5°	6855.5	6016.2	2579.0	830.0	408.0	300.1	281.3	314.2	257.9	239.1	229.8
65°	6677.3	5692.6	2410.2	811.2	403.3	276.7	262.6	272.0	239.1	225.1	215.7
67.5°	6321.0	5167.4	2166.4	801.8	398.6	257.9	239.1	234.5	220.4	206.3	196.9
70°	5491.0	4482.8	1880.3	759.6	389.2	243.8	215.7	211.0	196.9	187.6	182.9
72.5°	4609.4	3666.9	1552.1	703.4	370.4	220.4	196.9	187.6	182.9	168.8	164.1
75°	3530.9	2822.9	1242.6	623.7	323.6	196.9	173.5	164.1	159.4	150.1	145.4
77.5°	2480.6	2100.7	919.1	506.4	272.0	178.2	154.7	145.4	140.7	126.6	126.6
80°	1683.4	1472.4	623.7	351.7	211.0	145.4	136.0	126.6	117.2	107.9	107.9
82.5°	1045.7	1031.6	450.2	229.8	154.7	117.2	107.9	107.9	93.8	84.4	84.4
85°	478.3	633.0	314.2	159.4	117.2	89.1	89.1	84.4	75.0	61.0	61.0
87.5°	150.1	211.0	164.1	70.3	65.6	51.6	51.6	46.9	46.9	37.5	37.5
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°	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2
2.5°	2958.9	2954.2	2954.2	2935.4	2982.3	2982.3	3010.4	2987.0	3001.1	3005.7	3043.3
5°	2349.3	2386.8	2414.9	2471.2	2504.0	2518.1	2518.1	2555.6	2541.5	2569.7	2625.9
7.5°	1720.9	1767.8	1852.2	1922.6	1978.8	1997.6	1992.9	2002.3	2016.3	1983.5	1992.9
10°	1392.7	1359.9	1388.0	1453.6	1505.2	1566.2	1519.3	1514.6	1528.7	1514.6	1542.7
12.5°	1162.9	1125.4	1102.0	1102.0	1139.5	1167.6	1153.5	1177.0	1228.6	1242.6	1275.4
15°	942.5	909.7	890.9	867.5	905.0	914.4	928.5	961.3	998.8	1017.5	1055.1
17.5°	755.0	755.0	755.0	736.2	750.3	764.3	769.0	811.2	815.9	834.7	848.7
20°	619.0	633.0	656.5	665.9	679.9	679.9	670.5	694.0	675.2	689.3	698.7
22.5°	558.0	576.8	586.1	590.8	609.6	614.3	590.8	595.5	600.2	586.1	590.8
25°	525.2	534.6	525.2	529.9	534.6	525.2	529.9	539.3	534.6	543.9	539.3
27.5°	511.1	501.7	497.0	492.4	492.4	483.0	487.7	487.7	497.0	501.7	501.7
30°	511.1	497.0	478.3	464.2	464.2	450.2	459.5	468.9	473.6	483.0	483.0
32.5°	525.2	497.0	464.2	450.2	436.1	426.7	436.1	450.2	468.9	473.6	478.3
35°	417.3	431.4	426.7	408.0	403.3	403.3	398.6	398.6	384.5	384.5	379.8
37.5°	375.1	370.4	379.8	384.5	389.2	375.1	375.1	356.4	351.7	356.4	356.4
40°	351.7	351.7	351.7	365.8	370.4	361.1	347.0	337.6	337.6	337.6	342.3
42.5°	342.3	332.9	328.2	337.6	351.7	342.3	328.2	323.6	323.6	328.2	328.2
45°	328.2	323.6	318.9	314.2	332.9	318.9	314.2	309.5	309.5	309.5	314.2
47.5°	314.2	309.5	300.1	300.1	304.8	300.1	295.4	295.4	295.4	304.8	304.8
50°	304.8	300.1	290.7	290.7	290.7	290.7	286.0	286.0	286.0	290.7	295.4
52.5°	290.7	286.0	281.3	276.7	276.7	276.7	276.7	276.7	276.7	281.3	286.0
55°	276.7	272.0	267.3	267.3	272.0	272.0	267.3	272.0	267.3	272.0	276.7
57.5°	262.6	257.9	253.2	257.9	262.6	257.9	257.9	257.9	257.9	257.9	262.6
60°	243.8	243.8	243.8	243.8	253.2	253.2	253.2	253.2	243.8	248.5	253.2
62.5°	234.5	229.8	229.8	234.5	239.1	239.1	243.8	239.1	234.5	239.1	239.1
65°	215.7	215.7	215.7	220.4	220.4	225.1	225.1	225.1	220.4	225.1	225.1
67.5°	201.6	201.6	201.6	201.6	211.0	211.0	211.0	211.0	206.3	206.3	211.0
70°	178.2	182.9	178.2	187.6	196.9	192.3	196.9	196.9	192.3	187.6	196.9
72.5°	164.1	164.1	164.1	164.1	178.2	178.2	178.2	182.9	178.2	173.5	178.2
75°	145.4	145.4	145.4	150.1	159.4	159.4	159.4	159.4	159.4	154.7	154.7
77.5°	126.6	131.3	126.6	131.3	140.7	136.0	140.7	145.4	140.7	136.0	136.0
80°	107.9	107.9	107.9	112.5	117.2	117.2	117.2	121.9	117.2	112.5	112.5
82.5°	84.4	84.4	89.1	89.1	93.8	93.8	93.8	98.5	93.8	89.1	89.1
85°	65.6	65.6	65.6	70.3	70.3	75.0	75.0	79.7	79.7	75.0	75.0
87.5°	42.2	37.5	42.2	42.2	46.9	46.9	42.2	37.5	42.2	37.5	32.8
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: P599083
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2	3376.2
2.5°	3080.8	3165.2	3226.1	3268.3	3329.3	3446.5	3493.4	3577.8	3601.3	3615.3
5°	2649.4	2738.5	2869.8	2963.5	3071.4	3291.8	3460.6	3587.2	3643.5	3695.1
7.5°	2077.3	2194.5	2330.5	2452.4	2630.6	2902.6	3123.0	3385.6	3484.0	3535.6
10°	1622.4	1730.3	1880.3	2030.4	2278.9	2508.7	2822.9	3062.0	3198.0	3235.5
12.5°	1369.2	1495.8	1674.0	1856.9	2011.6	2274.2	2593.1	2940.1	3066.7	3090.1
15°	1162.9	1336.4	1519.3	1706.9	1885.0	2114.8	2457.1	2879.1	3066.7	3090.1
17.5°	961.3	1116.0	1331.7	1533.4	1739.7	2053.8	2480.6	2930.7	3118.3	3188.6
20°	764.3	914.4	1083.2	1336.4	1617.8	1950.7	2532.1	3104.2	3352.7	3427.8
22.5°	633.0	698.7	862.8	1106.6	1439.6	1880.3	2583.7	3376.2	3638.8	3666.9
25°	553.3	600.2	703.4	933.1	1298.9	1833.5	2705.6	3690.4	4028.0	4028.0
27.5°	515.8	534.6	604.9	811.2	1200.4	1791.3	2827.6	4037.4	4351.5	4417.2
30°	506.4	553.3	590.8	722.1	1092.6	1674.0	2940.1	4309.3	4632.9	4637.6
32.5°	497.0	487.7	515.8	628.3	961.3	1552.1	3033.9	4586.0	4839.2	4853.3
35°	389.2	408.0	454.8	553.3	862.8	1463.0	3080.8	4736.0	5101.8	5115.9
37.5°	365.8	389.2	426.7	511.1	797.2	1388.0	3094.8	5026.8	5378.5	5406.6
40°	356.4	375.1	403.3	473.6	745.6	1294.2	3123.0	5326.9	5786.4	5748.9
42.5°	337.6	361.1	389.2	454.8	703.4	1223.9	3127.7	5491.0	6002.1	6002.1
45°	332.9	347.0	379.8	454.8	656.5	1162.9	3052.6	5655.1	6250.6	6175.6
47.5°	314.2	342.3	370.4	440.8	600.2	1102.0	2963.5	5739.5	6283.5	6260.0
50°	309.5	337.6	384.5	417.3	567.4	1073.8	2944.8	5950.5	6349.1	6344.4
52.5°	300.1	328.2	398.6	398.6	525.2	1036.3	3033.9	6044.3	6363.2	6400.7
55°	286.0	328.2	370.4	365.8	487.7	989.4	3132.4	6288.1	6611.7	6602.3
57.5°	276.7	318.9	351.7	332.9	445.5	956.6	3277.7	6522.6	6911.8	6846.2
60°	262.6	318.9	314.2	309.5	412.6	928.5	3399.6	6569.5	6977.5	7019.7
62.5°	253.2	332.9	276.7	286.0	384.5	914.4	3348.1	6217.8	6888.4	6925.9
65°	243.8	286.0	253.2	262.6	375.1	886.2	3146.4	5795.8	6503.9	6668.0
67.5°	225.1	234.5	234.5	243.8	365.8	820.6	2733.8	5036.1	5917.7	6006.8
70°	206.3	211.0	211.0	225.1	356.4	745.6	2255.5	4356.2	5134.6	5303.4
72.5°	187.6	187.6	187.6	206.3	328.2	684.6	1856.9	3348.1	4267.1	4384.4
75°	164.1	164.1	164.1	182.9	295.4	623.7	1463.0	2489.9	3141.7	3310.5
77.5°	145.4	145.4	140.7	164.1	257.9	506.4	1055.1	1758.4	2213.3	2354.0
80°	121.9	117.2	117.2	131.3	201.6	365.8	679.9	1242.6	1542.7	1603.7
82.5°	98.5	93.8	89.1	98.5	145.4	229.8	422.0	867.5	989.4	951.9
85°	93.8	98.5	79.7	75.0	103.2	150.1	267.3	534.6	445.5	445.5
87.5°	37.5	32.8	32.8	28.1	51.6	56.3	117.2	98.5	75.0	75.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)