

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: P598912

Luminaire Tested: **IFLD-S-SA3B-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: P598912
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

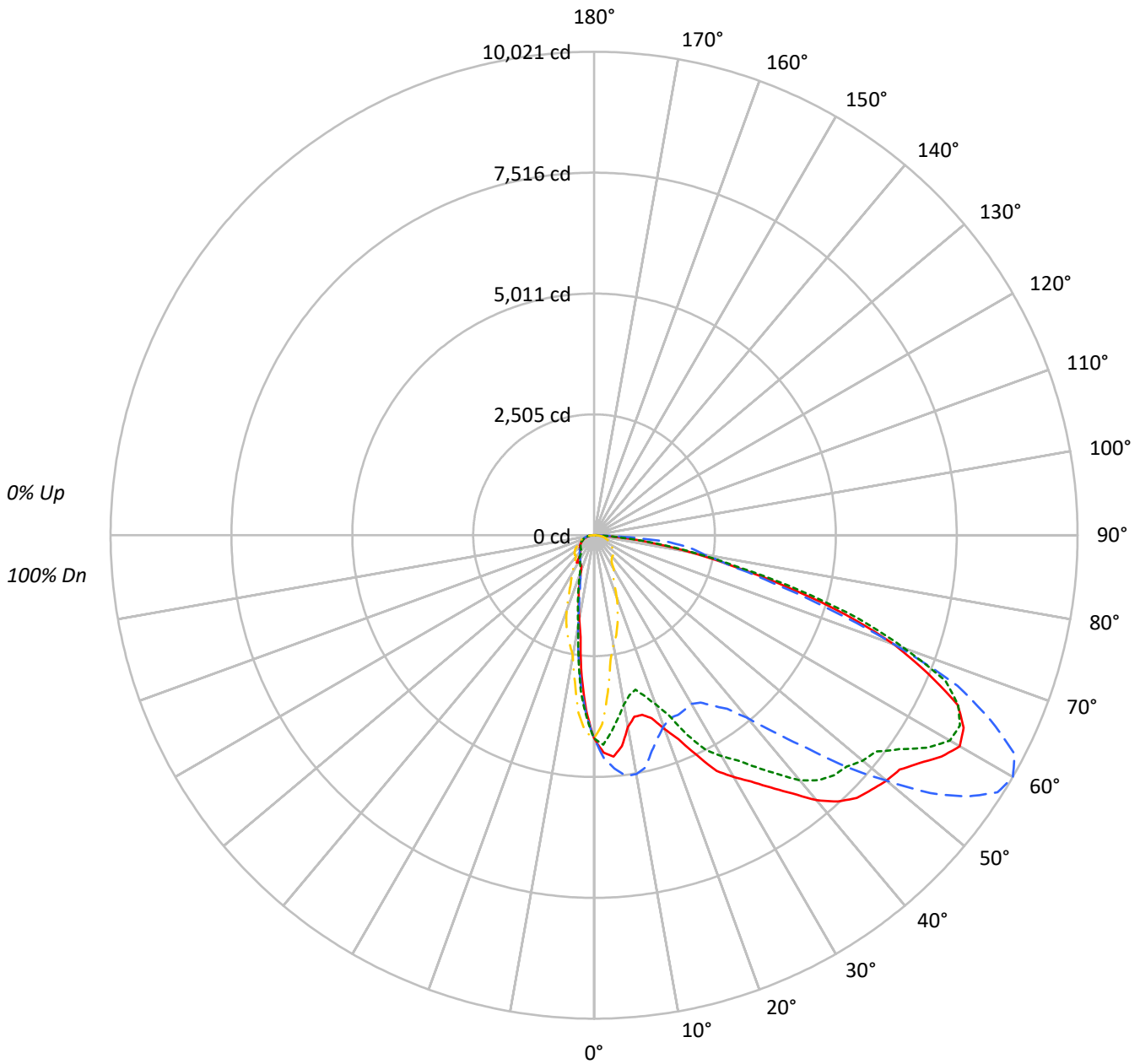
Lumens per Lamp: N/A
 Luminaire Lumens: 13179.8 lumens
 Efficiency: N/A
 Efficacy: 107.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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	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°	60416	60416	60416	60416
5°	66373	58961	42284	46158
10°	58792	51890	25646	27522
15°	57247	49255	18155	18851
20°	65275	56970	11876	13127
25°	79529	72216	10369	10740
30°	95825	87589	10755	9980
35°	111756	102845	8913	8399
40°	134291	124213	8324	7887
45°	156284	142756	8425	7832
50°	176622	162261	8616	8094
55°	205979	193398	8923	8485
60°	251227	244347	8895	8895
65°	282336	282733	9132	9529
70°	277474	287289	9567	9815
75°	228887	244125	10048	10697
80°	165257	173472	11116	11596
85°	91457	98209	12515	15397

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.0	2.5
10°-20°	690.5	5.2
20°-30°	1010.2	7.7
30°-40°	1423.3	10.8
40°-50°	1956.1	14.8
50°-60°	2665.9	20.2
60°-70°	2917.7	22.1
70°-80°	1684.5	12.8
80°-90°	504.5	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°	2027.7	15.4
0°-40°	3451.1	26.2
0°-60°	8073.1	61.3
0°-90°	13179.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13179.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4210	4210	4210	4210	4210	
5°	4607	4093	2935	3204	4607	418
15°	3853	3315	1222	1269	3853	1126
25°	5022	4560	655	678	5022	2352
35°	6379	5870	509	479	6379	4045
45°	7700	7034	415	386	7700	5918
55°	8232	7729	357	339	8232	7428
65°	8314	8326	269	281	8314	7957
75°	4128	4402	181	193	4128	4434
85°	555	596	76	94	555	771
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°	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6
2.5°	4507.7	4490.2	4507.7	4572.0	4589.6	4618.8	4618.8	4577.9	4501.9	4466.8	4408.3
5°	4607.1	4577.9	4724.1	4858.5	4963.8	4952.1	4852.7	4770.8	4618.8	4390.8	4174.5
7.5°	4408.3	4437.6	4542.8	4893.6	5139.2	5185.9	5028.1	4864.4	4537.0	4221.2	3928.9
10°	4034.2	4075.1	4303.1	4665.6	5051.5	5127.5	5028.1	4829.3	4437.6	4045.8	3706.7
12.5°	3852.9	3946.5	4080.9	4519.4	4794.2	4975.5	4928.7	4800.1	4361.6	3899.7	3572.3
15°	3852.9	3876.3	4075.1	4443.4	4601.3	4607.1	4624.7	4648.1	4385.0	3964.0	3525.5
17.5°	3975.7	4040.0	4209.6	4437.6	4466.8	4396.6	4396.6	4496.0	4431.7	4145.2	3695.1
20°	4273.9	4250.5	4472.7	4566.2	4408.3	4232.9	4215.4	4385.0	4484.3	4338.2	4004.9
22.5°	4572.0	4677.3	4858.5	4648.1	4355.7	4121.9	4098.5	4308.9	4642.2	4671.4	4361.6
25°	5022.2	5127.5	5221.0	4963.8	4349.9	4092.6	4110.2	4273.9	4835.1	5145.0	4957.9
27.5°	5507.5	5571.8	5706.3	5308.7	4490.2	4057.5	4075.1	4320.6	5016.4	5454.9	5425.6
30°	5782.3	5852.5	5823.2	5373.0	4583.7	4080.9	4034.2	4385.0	4917.0	5454.9	5729.7
32.5°	6051.2	6010.3	5992.8	5478.3	4700.7	4227.1	4110.2	4519.4	4975.5	5542.6	6121.4
35°	6378.6	6320.2	6273.4	5682.9	4893.6	4367.4	4314.8	4694.8	5104.1	5723.8	6437.1
37.5°	6741.1	6741.1	6513.1	5834.9	5121.6	4595.4	4537.0	4946.2	5308.7	5834.9	6869.8
40°	7167.9	7185.5	6782.1	6039.5	5378.9	4957.9	4940.4	5273.6	5507.5	5998.6	7284.9
42.5°	7483.7	7495.3	7015.9	6115.5	5677.1	5460.7	5536.7	5799.8	5735.5	6144.8	7314.1
45°	7700.0	7641.5	7179.6	6331.9	6004.5	6214.9	6238.3	6314.3	6033.7	6232.5	7431.0
47.5°	7805.2	7793.5	7249.8	6583.3	6694.4	6980.8	7115.3	7010.1	6308.5	6138.9	7431.0
50°	7910.5	7811.1	7314.1	6928.2	7366.7	7945.5	7916.3	7723.4	6688.5	6255.9	7319.9
52.5°	7980.6	7892.9	7442.7	7238.1	8009.8	8664.7	8781.6	8425.0	7132.9	6472.2	7372.6
55°	8232.0	8161.9	7828.6	7659.1	8752.4	9424.7	9442.3	8945.3	7600.6	6828.8	7717.5
57.5°	8536.0	8577.0	8360.6	8255.4	9319.5	9980.2	9915.8	9331.2	7998.2	7261.5	8115.1
60°	8752.4	8816.7	8764.1	8775.8	9600.1	10167.2	10021.1	9570.9	8290.5	7588.9	8600.4
62.5°	8635.4	8764.1	8980.4	8933.6	9611.8	10032.8	9828.1	9255.2	8325.6	8015.7	8968.7
65°	8313.9	8325.6	8746.5	9003.8	9085.6	9337.0	9068.1	8594.5	7963.1	8278.8	8916.1
67.5°	7489.5	7583.0	7963.1	8465.9	8120.9	8179.4	8156.0	7472.0	7413.5	8097.5	8512.7
70°	6612.5	6676.8	7091.9	7682.4	6858.1	6583.3	6635.9	6127.2	6367.0	7536.3	7700.0
72.5°	5466.6	5507.5	5981.1	6501.4	5501.7	5010.5	5133.3	4718.2	5057.3	6595.0	6495.6
75°	4127.7	4203.7	4572.0	5185.9	4051.7	3736.0	3858.8	3689.2	4004.9	5431.5	5039.8
77.5°	2935.0	2876.5	3332.6	4057.5	3046.1	2859.0	2870.7	2899.9	3239.0	4577.9	3619.0
80°	1999.5	2017.1	2426.3	2975.9	2391.3	2362.0	2332.8	2566.7	2718.7	3624.9	2631.0
82.5°	1186.9	1186.9	1637.0	2116.5	1888.5	2128.2	1993.7	2204.2	2128.2	2666.1	1724.7
85°	555.4	555.4	841.9	1526.0	1461.7	1754.0	1490.9	1666.3	1572.7	1859.2	777.6
87.5°	93.5	81.9	169.6	748.4	602.2	684.1	268.9	888.7	988.1	1297.9	192.9
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°	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6
2.5°	4344.0	4303.1	4221.2	4116.0	4028.3	3917.2	3882.1	3806.1	3700.9	3689.2	3642.4
5°	4092.6	3952.3	3776.9	3560.6	3414.4	3262.4	3133.8	3057.8	2970.1	2958.4	2935.0
7.5°	3817.8	3642.4	3350.1	3092.9	2841.4	2601.7	2484.8	2338.6	2239.2	2163.2	2128.2
10°	3560.6	3396.9	3034.4	2683.6	2461.4	2303.6	2163.2	2011.2	1888.5	1794.9	1759.8
12.5°	3391.0	3198.1	2806.4	2473.1	2309.4	2128.2	1970.3	1806.6	1648.7	1526.0	1461.7
15°	3315.0	3133.8	2736.2	2367.9	2128.2	1876.8	1695.5	1531.8	1338.9	1251.2	1221.9
17.5°	3496.3	3227.3	2712.8	2245.1	1906.0	1619.5	1397.3	1221.9	1081.6	993.9	958.8
20°	3730.1	3396.9	2753.8	2098.9	1695.5	1374.0	1128.4	941.3	847.8	783.4	777.6
22.5°	4028.3	3648.3	2818.1	1993.7	1461.7	1105.0	882.8	771.8	707.4	701.6	689.9
25°	4560.4	4104.3	2923.3	1853.4	1274.6	912.1	754.2	689.9	660.7	643.1	654.8
27.5°	5016.4	4402.5	2999.3	1765.7	1198.6	859.5	730.8	660.7	631.4	625.6	631.4
30°	5285.3	4677.3	2975.9	1602.0	1046.5	818.5	777.6	754.2	695.7	649.0	649.0
32.5°	5530.9	4852.7	2970.1	1455.8	894.5	684.1	649.0	631.4	666.5	689.9	672.4
35°	5870.0	5127.5	2952.5	1374.0	830.2	631.4	573.0	526.2	502.8	491.1	508.7
37.5°	6232.5	5314.6	2905.8	1362.3	795.1	602.2	555.4	508.7	485.3	473.6	467.7
40°	6630.0	5513.3	2853.1	1303.8	777.6	584.7	537.9	497.0	467.7	450.2	444.3
42.5°	6887.3	5671.2	2800.5	1274.6	742.5	573.0	520.3	485.3	456.0	432.6	432.6
45°	7033.5	5858.3	2747.9	1245.3	701.6	578.8	520.3	473.6	438.5	426.8	415.1
47.5°	7097.8	5998.6	2730.4	1198.6	666.5	555.4	508.7	461.9	426.8	403.4	397.6
50°	7267.3	6296.8	2794.7	1163.5	625.6	532.0	537.9	456.0	421.0	391.7	385.9
52.5°	7366.7	6536.5	2935.0	1110.9	596.4	502.8	526.2	444.3	403.4	374.2	374.2
55°	7729.2	6934.1	3087.0	1069.9	561.3	461.9	485.3	421.0	374.2	356.6	356.6
57.5°	8191.1	7355.0	3215.6	1052.4	537.9	432.6	432.6	409.3	356.6	333.3	327.4
60°	8512.7	7700.0	3291.6	1040.7	514.5	403.4	385.9	409.3	339.1	315.7	309.9
62.5°	8547.7	7501.2	3215.6	1034.8	508.7	374.2	350.8	391.7	321.6	298.2	286.5
65°	8325.6	7097.8	3005.2	1011.5	502.8	344.9	327.4	339.1	298.2	280.6	268.9
67.5°	7881.2	6443.0	2701.1	999.8	497.0	321.6	298.2	292.3	274.8	257.3	245.6
70°	6846.4	5589.4	2344.5	947.1	485.3	304.0	268.9	263.1	245.6	233.9	228.0
72.5°	5747.2	4572.0	1935.2	877.0	461.9	274.8	245.6	233.9	228.0	210.5	204.6
75°	4402.5	3519.7	1549.4	777.6	403.4	245.6	216.3	204.6	198.8	187.1	181.2
77.5°	3092.9	2619.3	1145.9	631.4	339.1	222.2	192.9	181.2	175.4	157.9	157.9
80°	2098.9	1835.8	777.6	438.5	263.1	181.2	169.6	157.9	146.2	134.5	134.5
82.5°	1303.8	1286.3	561.3	286.5	192.9	146.2	134.5	134.5	116.9	105.2	105.2
85°	596.4	789.3	391.7	198.8	146.2	111.1	111.1	105.2	93.5	76.0	76.0
87.5°	187.1	263.1	204.6	87.7	81.9	64.3	64.3	58.5	58.5	46.8	46.8
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°	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6
2.5°	3689.2	3683.4	3683.4	3660.0	3718.4	3718.4	3753.5	3724.3	3741.8	3747.7	3794.4
5°	2929.1	2975.9	3011.0	3081.2	3122.1	3139.6	3139.6	3186.4	3168.9	3203.9	3274.1
7.5°	2145.7	2204.2	2309.4	2397.1	2467.3	2490.7	2484.8	2496.5	2514.0	2473.1	2484.8
10°	1736.4	1695.5	1730.6	1812.4	1876.8	1952.8	1894.3	1888.5	1906.0	1888.5	1923.5
12.5°	1450.0	1403.2	1374.0	1374.0	1420.7	1455.8	1438.3	1467.5	1531.8	1549.4	1590.3
15°	1175.2	1134.2	1110.9	1081.6	1128.4	1140.1	1157.6	1198.6	1245.3	1268.7	1315.5
17.5°	941.3	941.3	941.3	917.9	935.5	953.0	958.8	1011.5	1017.3	1040.7	1058.2
20°	771.8	789.3	818.5	830.2	847.8	847.8	836.1	865.3	841.9	859.5	871.1
22.5°	695.7	719.1	730.8	736.7	760.1	765.9	736.7	742.5	748.4	730.8	736.7
25°	654.8	666.5	654.8	660.7	666.5	654.8	660.7	672.4	666.5	678.2	672.4
27.5°	637.3	625.6	619.7	613.9	613.9	602.2	608.0	608.0	619.7	625.6	625.6
30°	637.3	619.7	596.4	578.8	578.8	561.3	573.0	584.7	590.5	602.2	602.2
32.5°	654.8	619.7	578.8	561.3	543.7	532.0	543.7	561.3	584.7	590.5	596.4
35°	520.3	537.9	532.0	508.7	502.8	502.8	497.0	497.0	479.4	479.4	473.6
37.5°	467.7	461.9	473.6	479.4	485.3	467.7	467.7	444.3	438.5	444.3	444.3
40°	438.5	438.5	438.5	456.0	461.9	450.2	432.6	421.0	421.0	421.0	426.8
42.5°	426.8	415.1	409.3	421.0	438.5	426.8	409.3	403.4	403.4	409.3	409.3
45°	409.3	403.4	397.6	391.7	415.1	397.6	391.7	385.9	385.9	385.9	391.7
47.5°	391.7	385.9	374.2	374.2	380.0	374.2	368.3	368.3	368.3	380.0	380.0
50°	380.0	374.2	362.5	362.5	362.5	362.5	356.6	356.6	356.6	362.5	368.3
52.5°	362.5	356.6	350.8	344.9	344.9	344.9	344.9	344.9	344.9	350.8	356.6
55°	344.9	339.1	333.3	333.3	339.1	339.1	333.3	339.1	333.3	339.1	344.9
57.5°	327.4	321.6	315.7	321.6	327.4	321.6	321.6	321.6	321.6	321.6	327.4
60°	304.0	304.0	304.0	304.0	315.7	315.7	315.7	315.7	304.0	309.9	315.7
62.5°	292.3	286.5	286.5	292.3	298.2	298.2	304.0	298.2	292.3	298.2	298.2
65°	268.9	268.9	268.9	274.8	274.8	280.6	280.6	280.6	274.8	280.6	280.6
67.5°	251.4	251.4	251.4	251.4	263.1	263.1	263.1	263.1	257.3	257.3	263.1
70°	222.2	228.0	222.2	233.9	245.6	239.7	245.6	245.6	239.7	233.9	245.6
72.5°	204.6	204.6	204.6	204.6	222.2	222.2	222.2	228.0	222.2	216.3	222.2
75°	181.2	181.2	181.2	187.1	198.8	198.8	198.8	198.8	198.8	192.9	192.9
77.5°	157.9	163.7	157.9	163.7	175.4	169.6	175.4	181.2	175.4	169.6	169.6
80°	134.5	134.5	134.5	140.3	146.2	146.2	146.2	152.0	146.2	140.3	140.3
82.5°	105.2	105.2	111.1	111.1	116.9	116.9	116.9	122.8	116.9	111.1	111.1
85°	81.9	81.9	81.9	87.7	87.7	93.5	93.5	99.4	99.4	93.5	93.5
87.5°	52.6	46.8	52.6	52.6	58.5	58.5	52.6	46.8	52.6	46.8	40.9
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: P598912
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6	4209.6
2.5°	3841.2	3946.5	4022.5	4075.1	4151.1	4297.3	4355.7	4461.0	4490.2	4507.7
5°	3303.3	3414.4	3578.1	3695.1	3829.5	4104.3	4314.8	4472.7	4542.8	4607.1
7.5°	2590.0	2736.2	2905.8	3057.8	3279.9	3619.0	3893.8	4221.2	4344.0	4408.3
10°	2022.9	2157.4	2344.5	2531.6	2841.4	3127.9	3519.7	3817.8	3987.4	4034.2
12.5°	1707.2	1865.1	2087.2	2315.3	2508.2	2835.6	3233.2	3665.8	3823.7	3852.9
15°	1450.0	1666.3	1894.3	2128.2	2350.3	2636.8	3063.6	3589.8	3823.7	3852.9
17.5°	1198.6	1391.5	1660.4	1911.8	2169.1	2560.8	3092.9	3654.1	3888.0	3975.7
20°	953.0	1140.1	1350.6	1666.3	2017.1	2432.2	3157.2	3870.5	4180.3	4273.9
22.5°	789.3	871.1	1075.8	1379.8	1794.9	2344.5	3221.5	4209.6	4537.0	4572.0
25°	689.9	748.4	877.0	1163.5	1619.5	2286.0	3373.5	4601.3	5022.2	5022.2
27.5°	643.1	666.5	754.2	1011.5	1496.7	2233.4	3525.5	5033.9	5425.6	5507.5
30°	631.4	689.9	736.7	900.4	1362.3	2087.2	3665.8	5373.0	5776.4	5782.3
32.5°	619.7	608.0	643.1	783.4	1198.6	1935.2	3782.8	5718.0	6033.7	6051.2
35°	485.3	508.7	567.1	689.9	1075.8	1824.1	3841.2	5905.1	6361.1	6378.6
37.5°	456.0	485.3	532.0	637.3	993.9	1730.6	3858.8	6267.6	6706.1	6741.1
40°	444.3	467.7	502.8	590.5	929.6	1613.7	3893.8	6641.7	7214.7	7167.9
42.5°	421.0	450.2	485.3	567.1	877.0	1526.0	3899.7	6846.4	7483.7	7483.7
45°	415.1	432.6	473.6	567.1	818.5	1450.0	3806.1	7051.0	7793.5	7700.0
47.5°	391.7	426.8	461.9	549.6	748.4	1374.0	3695.1	7156.2	7834.4	7805.2
50°	385.9	421.0	479.4	520.3	707.4	1338.9	3671.7	7419.3	7916.3	7910.5
52.5°	374.2	409.3	497.0	497.0	654.8	1292.1	3782.8	7536.3	7933.8	7980.6
55°	356.6	409.3	461.9	456.0	608.0	1233.6	3905.5	7840.3	8243.7	8232.0
57.5°	344.9	397.6	438.5	415.1	555.4	1192.7	4086.8	8132.6	8617.9	8536.0
60°	327.4	397.6	391.7	385.9	514.5	1157.6	4238.8	8191.1	8699.7	8752.4
62.5°	315.7	415.1	344.9	356.6	479.4	1140.1	4174.5	7752.6	8588.7	8635.4
65°	304.0	356.6	315.7	327.4	467.7	1105.0	3923.1	7226.4	8109.2	8313.9
67.5°	280.6	292.3	292.3	304.0	456.0	1023.2	3408.6	6279.3	7378.4	7489.5
70°	257.3	263.1	263.1	280.6	444.3	929.6	2812.2	5431.5	6402.0	6612.5
72.5°	233.9	233.9	233.9	257.3	409.3	853.6	2315.3	4174.5	5320.4	5466.6
75°	204.6	204.6	204.6	228.0	368.3	777.6	1824.1	3104.5	3917.2	4127.7
77.5°	181.2	181.2	175.4	204.6	321.6	631.4	1315.5	2192.5	2759.6	2935.0
80°	152.0	146.2	146.2	163.7	251.4	456.0	847.8	1549.4	1923.5	1999.5
82.5°	122.8	116.9	111.1	122.8	181.2	286.5	526.2	1081.6	1233.6	1186.9
85°	116.9	122.8	99.4	93.5	128.6	187.1	333.3	666.5	555.4	555.4
87.5°	46.8	40.9	40.9	35.1	64.3	70.2	146.2	122.8	93.5	93.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)