

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: P599095

Luminaire Tested: **IFLD-M-SA4A-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: P599095
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

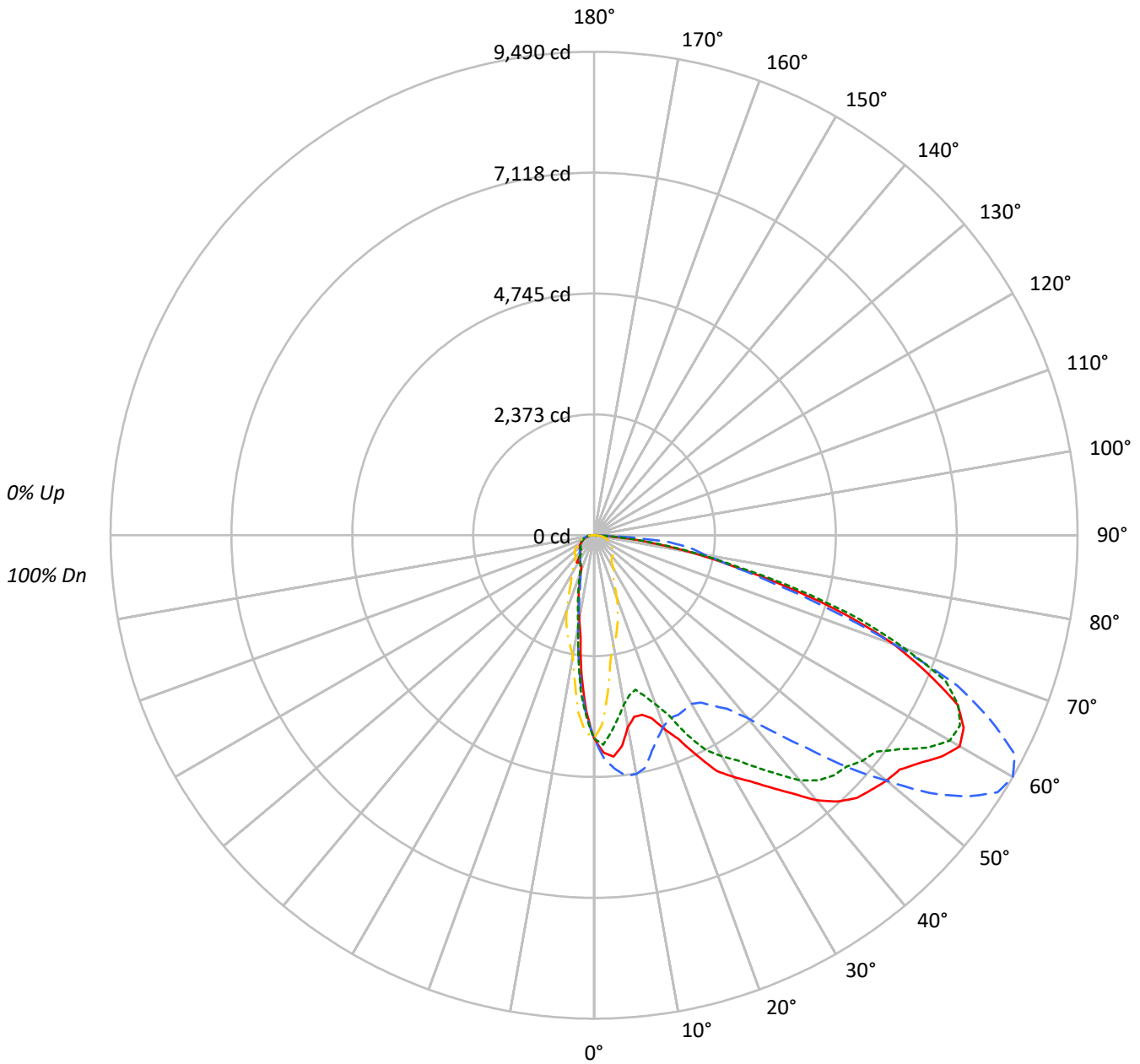
Lumens per Lamp: N/A
 Luminaire Lumens: 12481.9 lumens
 Efficiency: N/A
 Efficacy: 97.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 128.6
 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°	42911	42911	42911	42911
5°	47145	41879	30034	32786
10°	41758	36856	18216	19548
15°	40662	34985	12895	13389
20°	46364	40465	8435	9323
25°	56489	51294	7365	7628
30°	68063	62214	7639	7088
35°	79379	73050	6330	5966
40°	95386	88228	5913	5602
45°	111005	101397	5984	5562
50°	125452	115252	6119	5749
55°	146304	137368	6339	6026
60°	178442	173555	6318	6318
65°	200537	200820	6487	6770
70°	197088	204055	6795	6971
75°	162574	173399	7137	7598
80°	117385	123218	7897	8238
85°	64962	69754	8892	10942

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	309.7	2.5
10°-20°	653.9	5.2
20°-30°	956.7	7.7
30°-40°	1348.0	10.8
40°-50°	1852.5	14.8
50°-60°	2524.8	20.2
60°-70°	2763.2	22.1
70°-80°	1595.3	12.8
80°-90°	477.7	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°	1920.3	15.4
0°-40°	3268.3	26.2
0°-60°	7645.6	61.3
0°-90°	12481.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12481.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3987	3987	3987	3987	3987	
5°	4363	3876	2780	3034	4363	396
15°	3649	3140	1157	1202	3649	1066
25°	4756	4319	620	642	4756	2227
35°	6041	5559	482	454	6041	3830
45°	7292	6661	393	365	7292	5605
55°	7796	7320	338	321	7796	7034
65°	7874	7885	255	266	7874	7536
75°	3909	4169	172	183	3909	4199
85°	526	565	72	89	526	730
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°	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6
2.5°	4269.0	4252.4	4269.0	4329.9	4346.6	4374.2	4374.2	4335.5	4263.5	4230.3	4174.9
5°	4363.2	4335.5	4473.9	4601.3	4700.9	4689.9	4595.7	4518.2	4374.2	4158.3	3953.4
7.5°	4174.9	4202.6	4302.3	4634.5	4867.0	4911.3	4761.8	4606.8	4296.7	3997.7	3720.9
10°	3820.5	3859.3	4075.2	4418.5	4784.0	4856.0	4761.8	4573.6	4202.6	3831.6	3510.5
12.5°	3648.9	3737.5	3864.8	4280.1	4540.4	4712.0	4667.7	4545.9	4130.6	3693.2	3383.1
15°	3648.9	3671.0	3859.3	4208.1	4357.6	4363.2	4379.8	4401.9	4152.8	3754.1	3338.8
17.5°	3765.2	3826.1	3986.6	4202.6	4230.3	4163.8	4163.8	4258.0	4197.1	3925.7	3499.4
20°	4047.6	4025.4	4235.8	4324.4	4174.9	4008.8	3992.2	4152.8	4246.9	4108.5	3792.9
22.5°	4329.9	4429.6	4601.3	4401.9	4125.1	3903.6	3881.4	4080.8	4396.4	4424.1	4130.6
25°	4756.3	4856.0	4944.6	4700.9	4119.5	3875.9	3892.5	4047.6	4579.1	4872.6	4695.4
27.5°	5215.9	5276.8	5404.1	5027.6	4252.4	3842.7	3859.3	4091.9	4750.8	5166.0	5138.3
30°	5476.1	5542.6	5514.9	5088.5	4341.0	3864.8	3820.5	4152.8	4656.6	5166.0	5426.3
32.5°	5730.8	5692.0	5675.4	5188.2	4451.8	4003.3	3892.5	4280.1	4712.0	5249.1	5797.3
35°	6040.9	5985.5	5941.2	5382.0	4634.5	4136.1	4086.3	4446.2	4833.8	5420.7	6096.3
37.5°	6384.2	6384.2	6168.2	5525.9	4850.4	4352.1	4296.7	4684.3	5027.6	5525.9	6506.0
40°	6788.4	6805.0	6422.9	5719.7	5094.1	4695.4	4678.8	4994.4	5215.9	5681.0	6899.1
42.5°	7087.4	7098.5	6644.4	5791.7	5376.4	5171.6	5243.6	5492.7	5431.8	5819.4	6926.8
45°	7292.2	7236.9	6799.5	5996.6	5686.5	5885.8	5908.0	5980.0	5714.2	5902.5	7037.5
47.5°	7391.9	7380.8	6865.9	6234.7	6339.9	6611.2	6738.5	6638.9	5974.4	5813.9	7037.5
50°	7491.6	7397.4	6926.8	6561.4	6976.6	7524.8	7497.1	7314.4	6334.3	5924.6	6932.3
52.5°	7558.0	7475.0	7048.6	6854.8	7585.7	8205.9	8316.6	7978.8	6755.2	6129.5	6982.2
55°	7796.1	7729.7	7414.1	7253.5	8288.9	8925.7	8942.3	8471.6	7198.1	6467.2	7308.9
57.5°	8084.0	8122.8	7917.9	7818.3	8826.0	9451.7	9390.8	8837.1	7574.6	6877.0	7685.4
60°	8288.9	8349.8	8300.0	8311.1	9091.8	9628.9	9490.4	9064.1	7851.5	7187.0	8144.9
62.5°	8178.2	8300.0	8504.9	8460.6	9102.8	9501.5	9307.7	8765.1	7884.7	7591.2	8493.8
65°	7873.6	7884.7	8283.4	8527.0	8604.5	8842.6	8587.9	8139.4	7541.4	7840.4	8443.9
67.5°	7092.9	7181.5	7541.4	8017.6	7690.9	7746.3	7724.1	7076.3	7020.9	7668.8	8061.9
70°	6262.4	6323.3	6716.4	7275.6	6494.9	6234.7	6284.5	5802.8	6029.8	7137.2	7292.2
72.5°	5177.1	5215.9	5664.4	6157.2	5210.3	4745.2	4861.5	4468.4	4789.5	6245.8	6151.6
75°	3909.1	3981.1	4329.9	4911.3	3837.2	3538.2	3654.4	3493.9	3792.9	5143.9	4772.9
77.5°	2779.6	2724.2	3156.1	3842.7	2884.8	2707.6	2718.7	2746.4	3067.5	4335.5	3427.4
80°	1893.7	1910.3	2297.9	2818.3	2264.6	2237.0	2209.3	2430.7	2574.7	3432.9	2491.7
82.5°	1124.0	1124.0	1550.4	2004.4	1788.5	2015.5	1888.1	2087.5	2015.5	2524.9	1633.4
85°	526.0	526.0	797.3	1445.2	1384.3	1661.1	1411.9	1578.0	1489.5	1760.8	736.4
87.5°	88.6	77.5	160.6	708.7	570.3	647.8	254.7	841.6	935.8	1229.2	182.7
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°	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6
2.5°	4114.0	4075.2	3997.7	3898.1	3815.0	3709.8	3676.6	3604.6	3504.9	3493.9	3449.6
5°	3875.9	3743.0	3576.9	3372.0	3233.6	3089.7	2967.8	2895.9	2812.8	2801.7	2779.6
7.5°	3615.7	3449.6	3172.7	2929.1	2691.0	2464.0	2353.2	2214.8	2120.7	2048.7	2015.5
10°	3372.0	3217.0	2873.7	2541.5	2331.1	2181.6	2048.7	1904.7	1788.5	1699.9	1666.6
12.5°	3211.5	3028.7	2657.8	2342.2	2187.1	2015.5	1866.0	1710.9	1561.4	1445.2	1384.3
15°	3139.5	2967.8	2591.3	2242.5	2015.5	1777.4	1605.7	1450.7	1268.0	1184.9	1157.2
17.5°	3311.1	3056.4	2569.2	2126.2	1805.1	1533.8	1323.3	1157.2	1024.3	941.3	908.1
20°	3532.6	3217.0	2607.9	1987.8	1605.7	1301.2	1068.6	891.5	802.9	742.0	736.4
22.5°	3815.0	3455.1	2668.8	1888.1	1384.3	1046.5	836.1	730.9	670.0	664.4	653.4
25°	4318.9	3887.0	2768.5	1755.2	1207.1	863.8	714.3	653.4	625.7	609.1	620.1
27.5°	4750.8	4169.4	2840.5	1672.2	1135.1	813.9	692.1	625.7	598.0	592.5	598.0
30°	5005.5	4429.6	2818.3	1517.1	991.1	775.2	736.4	714.3	658.9	614.6	614.6
32.5°	5238.0	4595.7	2812.8	1378.7	847.2	647.8	614.6	598.0	631.2	653.4	636.8
35°	5559.2	4856.0	2796.2	1301.2	786.3	598.0	542.6	498.3	476.2	465.1	481.7
37.5°	5902.5	5033.1	2751.9	1290.1	753.0	570.3	526.0	481.7	459.6	448.5	443.0
40°	6279.0	5221.4	2702.1	1234.8	736.4	553.7	509.4	470.6	443.0	426.4	420.8
42.5°	6522.6	5370.9	2652.2	1207.1	703.2	542.6	492.8	459.6	431.9	409.7	409.7
45°	6661.0	5548.1	2602.4	1179.4	664.4	548.2	492.8	448.5	415.3	404.2	393.1
47.5°	6721.9	5681.0	2585.8	1135.1	631.2	526.0	481.7	437.4	404.2	382.1	376.5
50°	6882.5	5963.4	2646.7	1101.9	592.5	503.9	509.4	431.9	398.7	371.0	365.4
52.5°	6976.6	6190.4	2779.6	1052.0	564.8	476.2	498.3	420.8	382.1	354.4	354.4
55°	7319.9	6566.9	2923.5	1013.3	531.6	437.4	459.6	398.7	354.4	337.8	337.8
57.5°	7757.4	6965.6	3045.4	996.7	509.4	409.7	409.7	387.6	337.8	315.6	310.1
60°	8061.9	7292.2	3117.3	985.6	487.3	382.1	365.4	387.6	321.1	299.0	293.5
62.5°	8095.1	7104.0	3045.4	980.1	481.7	354.4	332.2	371.0	304.5	282.4	271.3
65°	7884.7	6721.9	2846.0	957.9	476.2	326.7	310.1	321.1	282.4	265.8	254.7
67.5°	7463.9	6101.8	2558.1	946.8	470.6	304.5	282.4	276.9	260.2	243.6	232.6
70°	6483.8	5293.4	2220.3	897.0	459.6	287.9	254.7	249.2	232.6	221.5	215.9
72.5°	5442.9	4329.9	1832.8	830.6	437.4	260.2	232.6	221.5	215.9	199.3	193.8
75°	4169.4	3333.3	1467.3	736.4	382.1	232.6	204.9	193.8	188.3	177.2	171.6
77.5°	2929.1	2480.6	1085.3	598.0	321.1	210.4	182.7	171.6	166.1	149.5	149.5
80°	1987.8	1738.6	736.4	415.3	249.2	171.6	160.6	149.5	138.4	127.4	127.4
82.5°	1234.8	1218.1	531.6	271.3	182.7	138.4	127.4	127.4	110.7	99.7	99.7
85°	564.8	747.5	371.0	188.3	138.4	105.2	105.2	99.7	88.6	72.0	72.0
87.5°	177.2	249.2	193.8	83.1	77.5	60.9	60.9	55.4	55.4	44.3	44.3
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6
2.5°	3493.9	3488.3	3488.3	3466.2	3521.5	3521.5	3554.8	3527.1	3543.7	3549.2	3593.5
5°	2774.0	2818.3	2851.6	2918.0	2956.8	2973.4	2973.4	3017.7	3001.1	3034.3	3100.7
7.5°	2032.1	2087.5	2187.1	2270.2	2336.6	2358.8	2353.2	2364.3	2380.9	2342.2	2353.2
10°	1644.5	1605.7	1639.0	1716.5	1777.4	1849.4	1794.0	1788.5	1805.1	1788.5	1821.7
12.5°	1373.2	1328.9	1301.2	1301.2	1345.5	1378.7	1362.1	1389.8	1450.7	1467.3	1506.1
15°	1112.9	1074.2	1052.0	1024.3	1068.6	1079.7	1096.3	1135.1	1179.4	1201.5	1245.8
17.5°	891.5	891.5	891.5	869.3	885.9	902.5	908.1	957.9	963.4	985.6	1002.2
20°	730.9	747.5	775.2	786.3	802.9	802.9	791.8	819.5	797.3	813.9	825.0
22.5°	658.9	681.1	692.1	697.7	719.8	725.3	697.7	703.2	708.7	692.1	697.7
25°	620.1	631.2	620.1	625.7	631.2	620.1	625.7	636.8	631.2	642.3	636.8
27.5°	603.5	592.5	586.9	581.4	581.4	570.3	575.8	575.8	586.9	592.5	592.5
30°	603.5	586.9	564.8	548.2	548.2	531.6	542.6	553.7	559.2	570.3	570.3
32.5°	620.1	586.9	548.2	531.6	514.9	503.9	514.9	531.6	553.7	559.2	564.8
35°	492.8	509.4	503.9	481.7	476.2	476.2	470.6	470.6	454.0	454.0	448.5
37.5°	443.0	437.4	448.5	454.0	459.6	443.0	443.0	420.8	415.3	420.8	420.8
40°	415.3	415.3	415.3	431.9	437.4	426.4	409.7	398.7	398.7	398.7	404.2
42.5°	404.2	393.1	387.6	398.7	415.3	404.2	387.6	382.1	382.1	387.6	387.6
45°	387.6	382.1	376.5	371.0	393.1	376.5	371.0	365.4	365.4	365.4	371.0
47.5°	371.0	365.4	354.4	354.4	359.9	354.4	348.8	348.8	348.8	359.9	359.9
50°	359.9	354.4	343.3	343.3	343.3	343.3	337.8	337.8	337.8	343.3	348.8
52.5°	343.3	337.8	332.2	326.7	326.7	326.7	326.7	326.7	326.7	332.2	337.8
55°	326.7	321.1	315.6	315.6	321.1	321.1	315.6	321.1	315.6	321.1	326.7
57.5°	310.1	304.5	299.0	304.5	310.1	304.5	304.5	304.5	304.5	304.5	310.1
60°	287.9	287.9	287.9	287.9	299.0	299.0	299.0	299.0	287.9	293.5	299.0
62.5°	276.9	271.3	271.3	276.9	282.4	282.4	287.9	282.4	276.9	282.4	282.4
65°	254.7	254.7	254.7	260.2	260.2	265.8	265.8	265.8	260.2	265.8	265.8
67.5°	238.1	238.1	238.1	238.1	249.2	249.2	249.2	249.2	243.6	243.6	249.2
70°	210.4	215.9	210.4	221.5	232.6	227.0	232.6	232.6	227.0	221.5	232.6
72.5°	193.8	193.8	193.8	193.8	210.4	210.4	210.4	215.9	210.4	204.9	210.4
75°	171.6	171.6	171.6	177.2	188.3	188.3	188.3	188.3	188.3	182.7	182.7
77.5°	149.5	155.0	149.5	155.0	166.1	160.6	166.1	171.6	166.1	160.6	160.6
80°	127.4	127.4	127.4	132.9	138.4	138.4	138.4	144.0	138.4	132.9	132.9
82.5°	99.7	99.7	105.2	105.2	110.7	110.7	110.7	116.3	110.7	105.2	105.2
85°	77.5	77.5	77.5	83.1	83.1	88.6	88.6	94.1	94.1	88.6	88.6
87.5°	49.8	44.3	49.8	49.8	55.4	55.4	49.8	44.3	49.8	44.3	38.8
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: P599095
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6	3986.6
2.5°	3637.8	3737.5	3809.5	3859.3	3931.3	4069.7	4125.1	4224.7	4252.4	4269.0
5°	3128.4	3233.6	3388.7	3499.4	3626.7	3887.0	4086.3	4235.8	4302.3	4363.2
7.5°	2452.9	2591.3	2751.9	2895.9	3106.3	3427.4	3687.7	3997.7	4114.0	4174.9
10°	1915.8	2043.2	2220.3	2397.5	2691.0	2962.3	3333.3	3615.7	3776.2	3820.5
12.5°	1616.8	1766.3	1976.7	2192.7	2375.4	2685.5	3062.0	3471.7	3621.2	3648.9
15°	1373.2	1578.0	1794.0	2015.5	2225.9	2497.2	2901.4	3399.7	3621.2	3648.9
17.5°	1135.1	1317.8	1572.5	1810.6	2054.2	2425.2	2929.1	3460.6	3682.1	3765.2
20°	902.5	1079.7	1279.1	1578.0	1910.3	2303.4	2990.0	3665.5	3959.0	4047.6
22.5°	747.5	825.0	1018.8	1306.7	1699.9	2220.3	3050.9	3986.6	4296.7	4329.9
25°	653.4	708.7	830.6	1101.9	1533.8	2165.0	3194.9	4357.6	4756.3	4756.3
27.5°	609.1	631.2	714.3	957.9	1417.5	2115.1	3338.8	4767.4	5138.3	5215.9
30°	598.0	653.4	697.7	852.7	1290.1	1976.7	3471.7	5088.5	5470.6	5476.1
32.5°	586.9	575.8	609.1	742.0	1135.1	1832.8	3582.4	5415.2	5714.2	5730.8
35°	459.6	481.7	537.1	653.4	1018.8	1727.5	3637.8	5592.4	6024.3	6040.9
37.5°	431.9	459.6	503.9	603.5	941.3	1639.0	3654.4	5935.7	6351.0	6384.2
40°	420.8	443.0	476.2	559.2	880.4	1528.2	3687.7	6290.0	6832.7	6788.4
42.5°	398.7	426.4	459.6	537.1	830.6	1445.2	3693.2	6483.8	7087.4	7087.4
45°	393.1	409.7	448.5	537.1	775.2	1373.2	3604.6	6677.6	7380.8	7292.2
47.5°	371.0	404.2	437.4	520.5	708.7	1301.2	3499.4	6777.3	7419.6	7391.9
50°	365.4	398.7	454.0	492.8	670.0	1268.0	3477.2	7026.5	7497.1	7491.6
52.5°	354.4	387.6	470.6	470.6	620.1	1223.7	3582.4	7137.2	7513.7	7558.0
55°	337.8	387.6	437.4	431.9	575.8	1168.3	3698.7	7425.1	7807.2	7796.1
57.5°	326.7	376.5	415.3	393.1	526.0	1129.6	3870.4	7702.0	8161.6	8084.0
60°	310.1	376.5	371.0	365.4	487.3	1096.3	4014.3	7757.4	8239.1	8288.9
62.5°	299.0	393.1	326.7	337.8	454.0	1079.7	3953.4	7342.1	8133.9	8178.2
65°	287.9	337.8	299.0	310.1	443.0	1046.5	3715.3	6843.7	7679.8	7873.6
67.5°	265.8	276.9	276.9	287.9	431.9	969.0	3228.1	5946.8	6987.7	7092.9
70°	243.6	249.2	249.2	265.8	420.8	880.4	2663.3	5143.9	6063.0	6262.4
72.5°	221.5	221.5	221.5	243.6	387.6	808.4	2192.7	3953.4	5038.7	5177.1
75°	193.8	193.8	193.8	215.9	348.8	736.4	1727.5	2940.2	3709.8	3909.1
77.5°	171.6	171.6	166.1	193.8	304.5	598.0	1245.8	2076.4	2613.5	2779.6
80°	144.0	138.4	138.4	155.0	238.1	431.9	802.9	1467.3	1821.7	1893.7
82.5°	116.3	110.7	105.2	116.3	171.6	271.3	498.3	1024.3	1168.3	1124.0
85°	110.7	116.3	94.1	88.6	121.8	177.2	315.6	631.2	526.0	526.0
87.5°	44.3	38.8	38.8	33.2	60.9	66.4	138.4	116.3	88.6	88.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)