

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: P598921

Luminaire Tested: **IFLD-M-SA4A-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: P598921
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

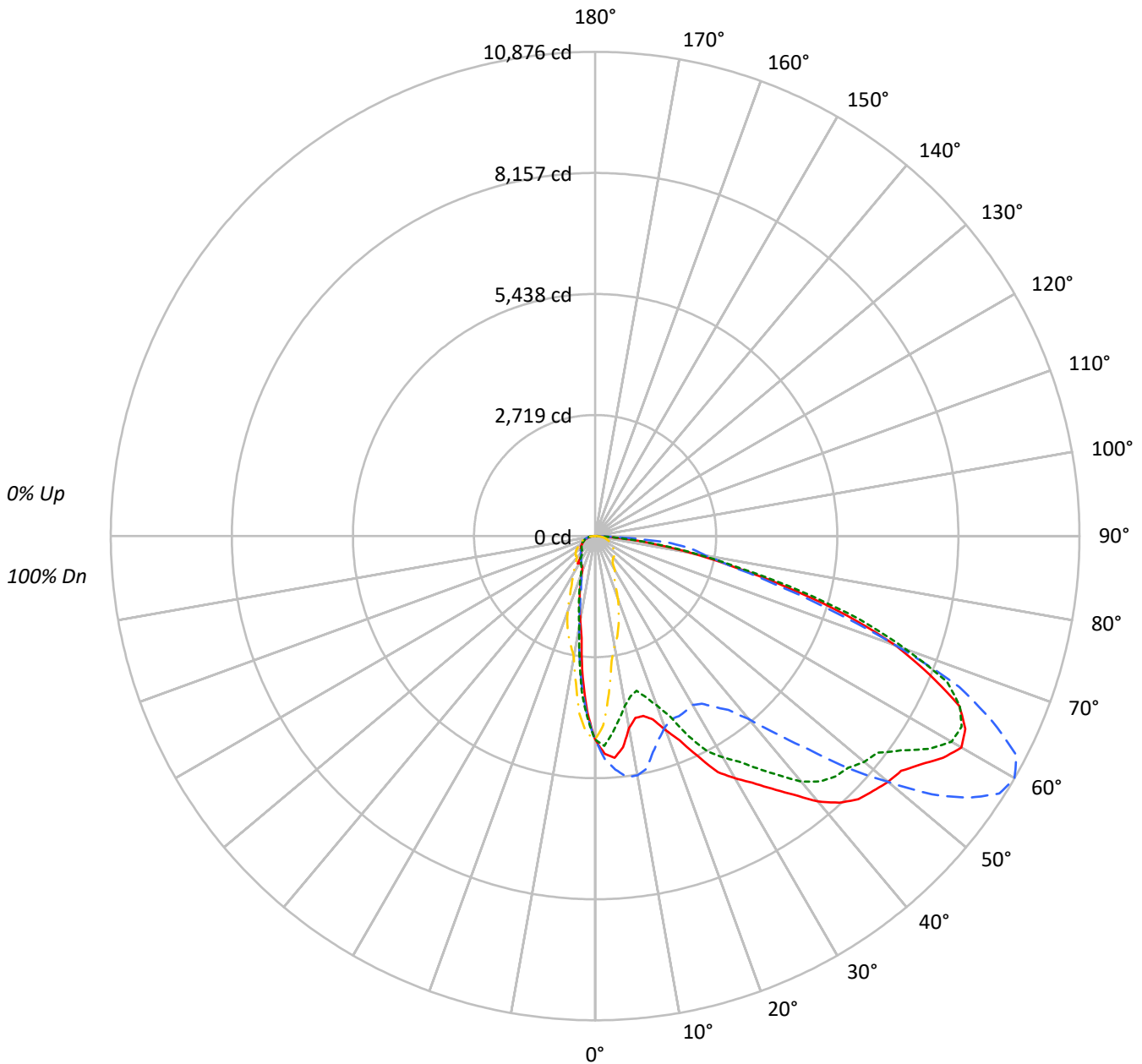
Lumens per Lamp: N/A
 Luminaire Lumens: 14304.1 lumens
 Efficiency: N/A
 Efficacy: 111.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49176	49176	49176	49176
5°	54026	47993	34418	37571
10°	47855	42237	20875	22401
15°	46598	40093	14779	15344
20°	53132	46372	9667	10685
25°	64735	58782	8441	8742
30°	77999	71296	8754	8124
35°	90968	83713	7253	6837
40°	109311	101107	6776	6420
45°	127211	116199	6858	6375
50°	143765	132078	7013	6588
55°	167662	157421	7264	6906
60°	204493	198891	7240	7240
65°	229815	230138	7435	7758
70°	225859	233846	7789	7987
75°	186308	198710	8180	8709
80°	134518	141206	9044	9441
85°	74447	79931	10189	12535

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.9	2.5
10°-20°	749.4	5.2
20°-30°	1096.4	7.7
30°-40°	1544.8	10.8
40°-50°	2123.0	14.8
50°-60°	2893.4	20.2
60°-70°	3166.6	22.1
70°-80°	1828.2	12.8
80°-90°	547.5	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°	2200.7	15.4
0°-40°	3745.4	26.2
0°-60°	8761.7	61.3
0°-90°	14304.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14304.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4569	4569	4569	4569	4569	
5°	5000	4442	3185	3477	5000	454
15°	4182	3598	1326	1377	4182	1222
25°	5451	4949	711	736	5451	2552
35°	6923	6371	552	520	6923	4390
45°	8357	7633	450	419	8357	6423
55°	8934	8388	387	368	8934	8061
65°	9023	9036	292	305	9023	8636
75°	4480	4778	197	209	4480	4812
85°	603	647	82	102	603	836
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°	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6
2.5°	4892.3	4873.2	4892.3	4962.1	4981.1	5012.8	5012.8	4968.4	4885.9	4847.8	4784.4
5°	5000.1	4968.4	5127.0	5273.0	5387.2	5374.5	5266.6	5177.8	5012.8	4765.3	4530.6
7.5°	4784.4	4816.1	4930.3	5311.0	5577.6	5628.3	5457.0	5279.3	4924.0	4581.3	4264.1
10°	4378.3	4422.7	4670.2	5063.6	5482.4	5564.9	5457.0	5241.2	4816.1	4391.0	4022.9
12.5°	4181.6	4283.1	4429.0	4904.9	5203.2	5399.9	5349.1	5209.5	4733.6	4232.3	3877.0
15°	4181.6	4207.0	4422.7	4822.5	4993.8	5000.1	5019.2	5044.5	4759.0	4302.1	3826.2
17.5°	4314.8	4384.6	4568.6	4816.1	4847.8	4771.7	4771.7	4879.6	4809.8	4498.8	4010.3
20°	4638.4	4613.1	4854.2	4955.7	4784.4	4594.0	4575.0	4759.0	4866.9	4708.2	4346.6
22.5°	4962.1	5076.3	5273.0	5044.5	4727.3	4473.5	4448.1	4676.5	5038.2	5069.9	4733.6
25°	5450.6	5564.9	5666.4	5387.2	4720.9	4441.7	4460.8	4638.4	5247.6	5583.9	5380.8
27.5°	5977.3	6047.1	6193.0	5761.6	4873.2	4403.7	4422.7	4689.2	5444.3	5920.2	5888.5
30°	6275.5	6351.7	6320.0	5831.4	4974.7	4429.0	4378.3	4759.0	5336.4	5920.2	6218.4
32.5°	6567.4	6523.0	6504.0	5945.6	5101.7	4587.7	4460.8	4904.9	5399.9	6015.4	6643.6
35°	6922.8	6859.3	6808.5	6167.7	5311.0	4740.0	4682.9	5095.3	5539.5	6212.1	6986.2
37.5°	7316.2	7316.2	7068.7	6332.6	5558.5	4987.4	4924.0	5368.2	5761.6	6332.6	7455.8
40°	7779.4	7798.4	7360.6	6554.7	5837.7	5380.8	5361.8	5723.5	5977.3	6510.3	7906.3
42.5°	8122.0	8134.7	7614.4	6637.2	6161.3	5926.5	6009.0	6294.6	6224.8	6668.9	7938.0
45°	8356.8	8293.4	7792.1	6872.0	6516.7	6745.1	6770.5	6853.0	6548.4	6764.1	8064.9
47.5°	8471.0	8458.3	7868.2	7144.8	7265.4	7576.3	7722.3	7608.1	6846.6	6662.6	8064.9
50°	8585.2	8477.4	7938.0	7519.2	7995.1	8623.3	8591.6	8382.2	7259.1	6789.5	7944.4
52.5°	8661.4	8566.2	8077.6	7855.5	8693.1	9403.8	9530.7	9143.6	7741.3	7024.3	8001.5
55°	8934.2	8858.1	8496.4	8312.4	9499.0	10228.7	10247.7	9708.4	8248.9	7411.4	8375.8
57.5°	9264.2	9308.6	9073.8	8959.6	10114.5	10831.5	10761.7	10127.2	8680.4	7880.9	8807.3
60°	9499.0	9568.8	9511.7	9524.3	10419.0	11034.5	10875.9	10387.3	8997.7	8236.2	9334.0
62.5°	9372.1	9511.7	9746.4	9695.7	10431.7	10888.6	10666.5	10044.7	9035.8	8699.5	9733.7
65°	9023.1	9035.8	9492.6	9771.8	9860.7	10133.5	9841.6	9327.6	8642.3	8985.0	9676.6
67.5°	8128.4	8229.9	8642.3	9188.0	8813.7	8877.1	8851.7	8109.3	8045.9	8788.3	9238.8
70°	7176.6	7246.4	7696.9	8337.8	7443.1	7144.8	7202.0	6649.9	6910.1	8179.1	8356.8
72.5°	5932.9	5977.3	6491.3	7056.0	5971.0	5438.0	5571.2	5120.7	5488.7	7157.5	7049.7
75°	4479.8	4562.3	4962.1	5628.3	4397.3	4054.7	4187.9	4003.9	4346.6	5894.8	5469.7
77.5°	3185.4	3121.9	3616.8	4403.7	3305.9	3102.9	3115.6	3147.3	3515.3	4968.4	3927.8
80°	2170.1	2189.1	2633.3	3229.8	2595.2	2563.5	2531.8	2785.6	2950.6	3934.1	2855.4
82.5°	1288.1	1288.1	1776.7	2297.0	2049.5	2309.7	2163.8	2392.2	2309.7	2893.5	1871.9
85°	602.8	602.8	913.7	1656.1	1586.3	1903.6	1618.1	1808.4	1706.9	2017.8	843.9
87.5°	101.5	88.8	184.0	812.2	653.6	742.4	291.9	964.5	1072.4	1408.7	209.4
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°	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6
2.5°	4714.6	4670.2	4581.3	4467.1	4371.9	4251.4	4213.3	4130.8	4016.6	4003.9	3953.1
5°	4441.7	4289.4	4099.1	3864.3	3705.7	3540.7	3401.1	3318.6	3223.4	3210.7	3185.4
7.5°	4143.5	3953.1	3635.9	3356.7	3083.8	2823.7	2696.8	2538.1	2430.3	2347.8	2309.7
10°	3864.3	3686.6	3293.2	2912.5	2671.4	2500.1	2347.8	2182.8	2049.5	1948.0	1909.9
12.5°	3680.3	3470.9	3045.8	2684.1	2506.4	2309.7	2138.4	1960.7	1789.4	1656.1	1586.3
15°	3597.8	3401.1	2969.6	2569.9	2309.7	2036.9	1840.1	1662.5	1453.1	1357.9	1326.2
17.5°	3794.5	3502.6	2944.2	2436.6	2068.6	1757.7	1516.5	1326.2	1173.9	1078.7	1040.6
20°	4048.3	3686.6	2988.7	2278.0	1840.1	1491.2	1224.6	1021.6	920.1	850.3	843.9
22.5°	4371.9	3959.5	3058.5	2163.8	1586.3	1199.3	958.1	837.6	767.8	761.4	748.7
25°	4949.4	4454.4	3172.7	2011.5	1383.3	989.9	818.5	748.7	717.0	698.0	710.7
27.5°	5444.3	4778.0	3255.2	1916.3	1300.8	932.8	793.2	717.0	685.3	679.0	685.3
30°	5736.2	5076.3	3229.8	1738.6	1135.8	888.3	843.9	818.5	755.1	704.3	704.3
32.5°	6002.7	5266.6	3223.4	1580.0	970.8	742.4	704.3	685.3	723.4	748.7	729.7
35°	6370.7	5564.9	3204.4	1491.2	901.0	685.3	621.8	571.1	545.7	533.0	552.0
37.5°	6764.1	5767.9	3153.6	1478.5	863.0	653.6	602.8	552.0	526.7	514.0	507.6
40°	7195.6	5983.7	3096.5	1415.0	843.9	634.5	583.8	539.4	507.6	488.6	482.2
42.5°	7474.8	6155.0	3039.4	1383.3	805.9	621.8	564.7	526.7	494.9	469.6	469.6
45°	7633.4	6358.0	2982.3	1351.6	761.4	628.2	564.7	514.0	475.9	463.2	450.5
47.5°	7703.2	6510.3	2963.3	1300.8	723.4	602.8	552.0	501.3	463.2	437.8	431.5
50°	7887.3	6833.9	3033.1	1262.7	679.0	577.4	583.8	494.9	456.9	425.1	418.8
52.5°	7995.1	7094.1	3185.4	1205.6	647.2	545.7	571.1	482.2	437.8	406.1	406.1
55°	8388.5	7525.6	3350.3	1161.2	609.2	501.3	526.7	456.9	406.1	387.1	387.1
57.5°	8889.8	7982.4	3489.9	1142.2	583.8	469.6	469.6	444.2	387.1	361.7	355.3
60°	9238.8	8356.8	3572.4	1129.5	558.4	437.8	418.8	444.2	368.0	342.6	336.3
62.5°	9276.9	8141.1	3489.9	1123.1	552.0	406.1	380.7	425.1	349.0	323.6	310.9
65°	9035.8	7703.2	3261.5	1097.7	545.7	374.4	355.3	368.0	323.6	304.6	291.9
67.5°	8553.5	6992.6	2931.5	1085.1	539.4	349.0	323.6	317.3	298.2	279.2	266.5
70°	7430.4	6066.1	2544.5	1027.9	526.7	330.0	291.9	285.5	266.5	253.8	247.5
72.5°	6237.5	4962.1	2100.3	951.8	501.3	298.2	266.5	253.8	247.5	228.4	222.1
75°	4778.0	3819.9	1681.5	843.9	437.8	266.5	234.8	222.1	215.7	203.1	196.7
77.5°	3356.7	2842.7	1243.7	685.3	368.0	241.1	209.4	196.7	190.4	171.3	171.3
80°	2278.0	1992.4	843.9	475.9	285.5	196.7	184.0	171.3	158.6	145.9	145.9
82.5°	1415.0	1396.0	609.2	310.9	209.4	158.6	145.9	145.9	126.9	114.2	114.2
85°	647.2	856.6	425.1	215.7	158.6	120.6	120.6	114.2	101.5	82.5	82.5
87.5°	203.1	285.5	222.1	95.2	88.8	69.8	69.8	63.5	63.5	50.8	50.8
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°	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6
2.5°	4003.9	3997.6	3997.6	3972.2	4035.6	4035.6	4073.7	4042.0	4061.0	4067.4	4118.1
5°	3179.0	3229.8	3267.8	3344.0	3388.4	3407.4	3407.4	3458.2	3439.2	3477.2	3553.4
7.5°	2328.7	2392.2	2506.4	2601.6	2677.7	2703.1	2696.8	2709.5	2728.5	2684.1	2696.8
10°	1884.6	1840.1	1878.2	1967.1	2036.9	2119.3	2055.9	2049.5	2068.6	2049.5	2087.6
12.5°	1573.6	1522.9	1491.2	1491.2	1541.9	1580.0	1561.0	1592.7	1662.5	1681.5	1725.9
15°	1275.4	1231.0	1205.6	1173.9	1224.6	1237.3	1256.4	1300.8	1351.6	1376.9	1427.7
17.5°	1021.6	1021.6	1021.6	996.2	1015.3	1034.3	1040.6	1097.7	1104.1	1129.5	1148.5
20°	837.6	856.6	888.3	901.0	920.1	920.1	907.4	939.1	913.7	932.8	945.5
22.5°	755.1	780.5	793.2	799.5	824.9	831.2	799.5	805.9	812.2	793.2	799.5
25°	710.7	723.4	710.7	717.0	723.4	710.7	717.0	729.7	723.4	736.1	729.7
27.5°	691.6	679.0	672.6	666.3	666.3	653.6	659.9	659.9	672.6	679.0	679.0
30°	691.6	672.6	647.2	628.2	628.2	609.2	621.8	634.5	640.9	653.6	653.6
32.5°	710.7	672.6	628.2	609.2	590.1	577.4	590.1	609.2	634.5	640.9	647.2
35°	564.7	583.8	577.4	552.0	545.7	545.7	539.4	539.4	520.3	520.3	514.0
37.5°	507.6	501.3	514.0	520.3	526.7	507.6	507.6	482.2	475.9	482.2	482.2
40°	475.9	475.9	475.9	494.9	501.3	488.6	469.6	456.9	456.9	456.9	463.2
42.5°	463.2	450.5	444.2	456.9	475.9	463.2	444.2	437.8	437.8	444.2	444.2
45°	444.2	437.8	431.5	425.1	450.5	431.5	425.1	418.8	418.8	418.8	425.1
47.5°	425.1	418.8	406.1	406.1	412.4	406.1	399.8	399.8	399.8	412.4	412.4
50°	412.4	406.1	393.4	393.4	393.4	393.4	387.1	387.1	387.1	393.4	399.8
52.5°	393.4	387.1	380.7	374.4	374.4	374.4	374.4	374.4	374.4	380.7	387.1
55°	374.4	368.0	361.7	361.7	368.0	368.0	361.7	368.0	361.7	368.0	374.4
57.5°	355.3	349.0	342.6	349.0	355.3	349.0	349.0	349.0	349.0	349.0	355.3
60°	330.0	330.0	330.0	330.0	342.6	342.6	342.6	342.6	330.0	336.3	342.6
62.5°	317.3	310.9	310.9	317.3	323.6	323.6	330.0	323.6	317.3	323.6	323.6
65°	291.9	291.9	291.9	298.2	298.2	304.6	304.6	304.6	298.2	304.6	304.6
67.5°	272.8	272.8	272.8	272.8	285.5	285.5	285.5	285.5	279.2	279.2	285.5
70°	241.1	247.5	241.1	253.8	266.5	260.2	266.5	266.5	260.2	253.8	266.5
72.5°	222.1	222.1	222.1	222.1	241.1	241.1	241.1	247.5	241.1	234.8	241.1
75°	196.7	196.7	196.7	203.1	215.7	215.7	215.7	215.7	215.7	209.4	209.4
77.5°	171.3	177.7	171.3	177.7	190.4	184.0	190.4	196.7	190.4	184.0	184.0
80°	145.9	145.9	145.9	152.3	158.6	158.6	158.6	165.0	158.6	152.3	152.3
82.5°	114.2	114.2	120.6	120.6	126.9	126.9	126.9	133.3	126.9	120.6	120.6
85°	88.8	88.8	88.8	95.2	95.2	101.5	101.5	107.9	107.9	101.5	101.5
87.5°	57.1	50.8	57.1	57.1	63.5	63.5	57.1	50.8	57.1	50.8	44.4
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6	4568.6
2.5°	4168.9	4283.1	4365.6	4422.7	4505.2	4663.8	4727.3	4841.5	4873.2	4892.3
5°	3585.1	3705.7	3883.3	4010.3	4156.2	4454.4	4682.9	4854.2	4930.3	5000.1
7.5°	2811.0	2969.6	3153.6	3318.6	3559.7	3927.8	4226.0	4581.3	4714.6	4784.4
10°	2195.5	2341.4	2544.5	2747.5	3083.8	3394.8	3819.9	4143.5	4327.5	4378.3
12.5°	1852.8	2024.2	2265.3	2512.8	2722.1	3077.5	3509.0	3978.5	4149.8	4181.6
15°	1573.6	1808.4	2055.9	2309.7	2550.8	2861.7	3325.0	3896.0	4149.8	4181.6
17.5°	1300.8	1510.2	1802.1	2074.9	2354.1	2779.3	3356.7	3965.8	4219.6	4314.8
20°	1034.3	1237.3	1465.8	1808.4	2189.1	2639.7	3426.5	4200.6	4536.9	4638.4
22.5°	856.6	945.5	1167.5	1497.5	1948.0	2544.5	3496.3	4568.6	4924.0	4962.1
25°	748.7	812.2	951.8	1262.7	1757.7	2481.0	3661.3	4993.8	5450.6	5450.6
27.5°	698.0	723.4	818.5	1097.7	1624.4	2423.9	3826.2	5463.3	5888.5	5977.3
30°	685.3	748.7	799.5	977.2	1478.5	2265.3	3978.5	5831.4	6269.2	6275.5
32.5°	672.6	659.9	698.0	850.3	1300.8	2100.3	4105.4	6205.7	6548.4	6567.4
35°	526.7	552.0	615.5	748.7	1167.5	1979.7	4168.9	6408.8	6903.7	6922.8
37.5°	494.9	526.7	577.4	691.6	1078.7	1878.2	4187.9	6802.2	7278.1	7316.2
40°	482.2	507.6	545.7	640.9	1008.9	1751.3	4226.0	7208.3	7830.1	7779.4
42.5°	456.9	488.6	526.7	615.5	951.8	1656.1	4232.3	7430.4	8122.0	8122.0
45°	450.5	469.6	514.0	615.5	888.3	1573.6	4130.8	7652.5	8458.3	8356.8
47.5°	425.1	463.2	501.3	596.5	812.2	1491.2	4010.3	7766.7	8502.8	8471.0
50°	418.8	456.9	520.3	564.7	767.8	1453.1	3984.9	8052.2	8591.6	8585.2
52.5°	406.1	444.2	539.4	539.4	710.7	1402.3	4105.4	8179.1	8610.6	8661.4
55°	387.1	444.2	501.3	494.9	659.9	1338.9	4238.7	8509.1	8946.9	8934.2
57.5°	374.4	431.5	475.9	450.5	602.8	1294.4	4435.4	8826.4	9353.0	9264.2
60°	355.3	431.5	425.1	418.8	558.4	1256.4	4600.4	8889.8	9441.9	9499.0
62.5°	342.6	450.5	374.4	387.1	520.3	1237.3	4530.6	8413.9	9321.3	9372.1
65°	330.0	387.1	342.6	355.3	507.6	1199.3	4257.7	7842.8	8801.0	9023.1
67.5°	304.6	317.3	317.3	330.0	494.9	1110.4	3699.3	6814.9	8007.8	8128.4
70°	279.2	285.5	285.5	304.6	482.2	1008.9	3052.1	5894.8	6948.1	7176.6
72.5°	253.8	253.8	253.8	279.2	444.2	926.4	2512.8	4530.6	5774.3	5932.9
75°	222.1	222.1	222.1	247.5	399.8	843.9	1979.7	3369.4	4251.4	4479.8
77.5°	196.7	196.7	190.4	222.1	349.0	685.3	1427.7	2379.5	2995.0	3185.4
80°	165.0	158.6	158.6	177.7	272.8	494.9	920.1	1681.5	2087.6	2170.1
82.5°	133.3	126.9	120.6	133.3	196.7	310.9	571.1	1173.9	1338.9	1288.1
85°	126.9	133.3	107.9	101.5	139.6	203.1	361.7	723.4	602.8	602.8
87.5°	50.8	44.4	44.4	38.1	69.8	76.1	158.6	133.3	101.5	101.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)