

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: P598941

Luminaire Tested: **IFLD-S-SA3B-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598941
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

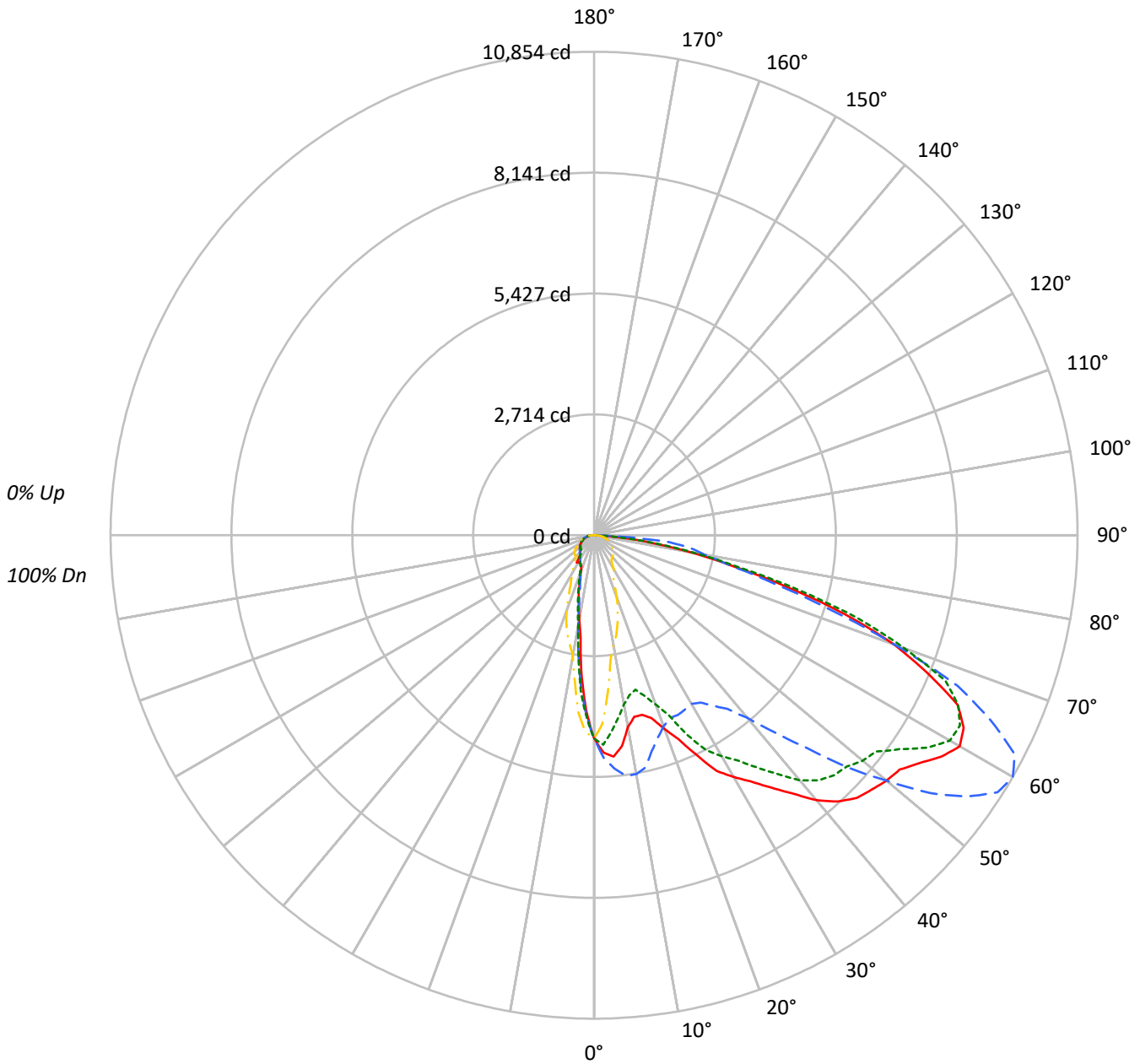
Lumens per Lamp: N/A
 Luminaire Lumens: 14275.5 lumens
 Efficiency: N/A
 Efficacy: 116.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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	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°	65437	65437	65437	65437
5°	71891	63863	45799	49996
10°	63678	56203	27778	29808
15°	62006	53350	19665	20418
20°	70702	61706	12863	14218
25°	86141	78220	11232	11633
30°	103791	94870	11649	10810
35°	121047	111395	9652	9098
40°	145455	134540	9017	8543
45°	169276	154624	9125	8484
50°	191305	175751	9333	8766
55°	223104	209477	9666	9190
60°	272112	264657	9633	9633
65°	305805	306236	9892	10324
70°	300541	311170	10365	10629
75°	247912	264420	10885	11589
80°	179002	187895	12042	12563
85°	99065	106360	13552	16681

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.2	2.5
10°-20°	747.9	5.2
20°-30°	1094.2	7.7
30°-40°	1541.7	10.8
40°-50°	2118.7	14.8
50°-60°	2887.6	20.2
60°-70°	3160.3	22.1
70°-80°	1824.6	12.8
80°-90°	546.4	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°	2196.3	15.4
0°-40°	3737.9	26.2
0°-60°	8744.2	61.3
0°-90°	14275.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14275.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4560	4560	4560	4560	4560	
5°	4990	4433	3179	3470	4990	453
15°	4173	3591	1324	1374	4173	1219
25°	5440	4940	709	735	5440	2547
35°	6909	6358	551	519	6909	4381
45°	8340	7618	450	418	8340	6410
55°	8916	8372	386	367	8916	8045
65°	9005	9018	291	304	9005	8619
75°	4471	4768	196	209	4471	4803
85°	602	646	82	101	602	835
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°	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5
2.5°	4882.5	4863.5	4882.5	4952.1	4971.1	5002.8	5002.8	4958.5	4876.1	4838.1	4774.8
5°	4990.1	4958.5	5116.8	5262.4	5376.4	5363.7	5256.1	5167.4	5002.8	4755.8	4521.5
7.5°	4774.8	4806.5	4920.5	5300.4	5566.4	5617.1	5446.1	5268.8	4914.1	4572.2	4255.5
10°	4369.5	4413.9	4660.8	5053.4	5471.4	5553.7	5446.1	5230.8	4806.5	4382.2	4014.9
12.5°	4173.2	4274.5	4420.2	4895.1	5192.8	5389.1	5338.4	5199.1	4724.2	4223.9	3869.2
15°	4173.2	4198.5	4413.9	4812.8	4983.8	4990.1	5009.1	5034.5	4749.5	4293.5	3818.6
17.5°	4306.2	4375.9	4559.5	4806.5	4838.1	4762.1	4762.1	4869.8	4800.1	4489.8	4002.2
20°	4629.2	4603.8	4844.5	4945.8	4774.8	4584.8	4565.8	4749.5	4857.1	4698.8	4337.9
22.5°	4952.1	5066.1	5262.4	5034.5	4717.8	4464.5	4439.2	4667.2	5028.1	5059.8	4724.2
25°	5439.7	5553.7	5655.1	5376.4	4711.5	4432.9	4451.8	4629.2	5237.1	5572.7	5370.1
27.5°	5965.4	6035.0	6180.7	5750.0	4863.5	4394.9	4413.9	4679.8	5433.4	5908.4	5876.7
30°	6263.0	6339.0	6307.3	5819.7	4964.8	4420.2	4369.5	4749.5	5325.8	5908.4	6206.0
32.5°	6554.3	6510.0	6491.0	5933.7	5091.4	4578.5	4451.8	4895.1	5389.1	6003.3	6630.3
35°	6908.9	6845.6	6794.9	6155.3	5300.4	4730.5	4673.5	5085.1	5528.4	6199.7	6972.2
37.5°	7301.5	7301.5	7054.6	6320.0	5547.4	4977.5	4914.1	5357.4	5750.0	6320.0	7440.9
40°	7763.8	7782.8	7345.9	6541.6	5826.0	5370.1	5351.1	5712.0	5965.4	6497.3	7890.5
42.5°	8105.8	8118.4	7599.2	6623.9	6149.0	5914.7	5997.0	6282.0	6212.3	6655.6	7922.1
45°	8340.1	8276.8	7776.5	6858.3	6503.6	6731.6	6756.9	6839.3	6535.3	6750.6	8048.8
47.5°	8454.1	8441.4	7852.5	7130.6	7250.9	7561.2	7706.8	7592.8	6832.9	6649.3	8048.8
50°	8568.1	8460.4	7922.1	7504.2	7979.1	8606.1	8574.4	8365.4	7244.5	6775.9	7928.5
52.5°	8644.1	8549.1	8061.5	7839.8	8675.7	9385.0	9511.6	9125.3	7725.8	7010.2	7985.5
55°	8916.4	8840.4	8479.4	8295.8	9480.0	10208.2	10227.2	9688.9	8232.4	7396.5	8359.1
57.5°	9245.7	9290.0	9055.7	8941.7	10094.2	10809.8	10740.2	10106.9	8663.1	7865.1	8789.7
60°	9480.0	9549.6	9492.6	9505.3	10398.2	11012.5	10854.2	10366.5	8979.7	8219.8	9315.3
62.5°	9353.3	9492.6	9726.9	9676.3	10410.9	10866.8	10645.2	10024.6	9017.7	8682.1	9714.3
65°	9005.0	9017.7	9473.6	9752.3	9840.9	10113.2	9821.9	9309.0	8625.1	8967.0	9657.3
67.5°	8112.1	8213.4	8625.1	9169.7	8796.0	8859.4	8834.0	8093.1	8029.8	8770.7	9220.3
70°	7162.2	7231.9	7681.5	8321.1	7428.2	7130.6	7187.6	6636.6	6896.2	8162.8	8340.1
72.5°	5921.0	5965.4	6478.3	7041.9	5959.0	5427.1	5560.1	5110.4	5477.7	7143.2	7035.6
75°	4470.8	4553.2	4952.1	5617.1	4388.5	4046.6	4179.5	3995.9	4337.9	5883.0	5458.7
77.5°	3179.0	3115.7	3609.6	4394.9	3299.3	3096.7	3109.3	3141.0	3508.3	4958.5	3919.9
80°	2165.8	2184.8	2628.0	3223.3	2590.1	2558.4	2526.7	2780.0	2944.7	3926.2	2849.7
82.5°	1285.5	1285.5	1773.1	2292.4	2045.4	2305.1	2159.4	2387.4	2305.1	2887.7	1868.1
85°	601.6	601.6	911.9	1652.8	1583.2	1899.8	1614.8	1804.8	1703.5	2013.8	842.2
87.5°	101.3	88.7	183.6	810.6	652.3	740.9	291.3	962.6	1070.2	1405.8	209.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5
2.5°	4705.2	4660.8	4572.2	4458.2	4363.2	4242.9	4204.9	4122.6	4008.6	3995.9	3945.2
5°	4432.9	4280.9	4090.9	3856.6	3698.3	3533.6	3394.3	3312.0	3217.0	3204.3	3179.0
7.5°	4135.2	3945.2	3628.6	3350.0	3077.7	2818.0	2691.4	2533.1	2425.4	2343.1	2305.1
10°	3856.6	3679.3	3286.6	2906.7	2666.0	2495.1	2343.1	2178.4	2045.4	1944.1	1906.1
12.5°	3672.9	3464.0	3039.7	2678.7	2501.4	2305.1	2134.1	1956.8	1785.8	1652.8	1583.2
15°	3590.6	3394.3	2963.7	2564.7	2305.1	2032.8	1836.5	1659.2	1450.2	1355.2	1323.5
17.5°	3786.9	3495.6	2938.3	2431.7	2064.4	1754.1	1513.5	1323.5	1171.5	1076.5	1038.6
20°	4040.2	3679.3	2982.7	2273.4	1836.5	1488.2	1222.2	1019.6	918.2	848.6	842.2
22.5°	4363.2	3951.6	3052.3	2159.4	1583.2	1196.9	956.2	835.9	766.2	759.9	747.3
25°	4939.5	4445.5	3166.3	2007.4	1380.5	987.9	816.9	747.3	715.6	696.6	709.3
27.5°	5433.4	4768.5	3248.6	1912.5	1298.2	930.9	791.6	715.6	683.9	677.6	683.9
30°	5724.7	5066.1	3223.3	1735.1	1133.5	886.6	842.2	816.9	753.6	702.9	702.9
32.5°	5990.7	5256.1	3217.0	1576.8	968.9	740.9	702.9	683.9	721.9	747.3	728.3
35°	6358.0	5553.7	3198.0	1488.2	899.2	683.9	620.6	569.9	544.6	531.9	550.9
37.5°	6750.6	5756.4	3147.3	1475.5	861.2	652.3	601.6	550.9	525.6	512.9	506.6
40°	7181.2	5971.7	3090.3	1412.2	842.2	633.3	582.6	538.3	506.6	487.6	481.3
42.5°	7459.9	6142.7	3033.3	1380.5	804.2	620.6	563.6	525.6	493.9	468.6	468.6
45°	7618.2	6345.3	2976.3	1348.9	759.9	626.9	563.6	512.9	474.9	462.3	449.6
47.5°	7687.8	6497.3	2957.3	1298.2	721.9	601.6	550.9	500.3	462.3	437.0	430.6
50°	7871.5	6820.3	3027.0	1260.2	677.6	576.3	582.6	493.9	456.0	424.3	418.0
52.5°	7979.1	7079.9	3179.0	1203.2	645.9	544.6	569.9	481.3	437.0	405.3	405.3
55°	8371.8	7510.5	3343.6	1158.9	607.9	500.3	525.6	456.0	405.3	386.3	386.3
57.5°	8872.0	7966.5	3483.0	1139.9	582.6	468.6	468.6	443.3	386.3	361.0	354.6
60°	9220.3	8340.1	3565.3	1127.2	557.3	437.0	418.0	443.3	367.3	342.0	335.6
62.5°	9258.3	8124.8	3483.0	1120.9	550.9	405.3	380.0	424.3	348.3	323.0	310.3
65°	9017.7	7687.8	3255.0	1095.5	544.6	373.6	354.6	367.3	323.0	304.0	291.3
67.5°	8536.4	6978.6	2925.7	1082.9	538.3	348.3	323.0	316.6	297.6	278.6	266.0
70°	7415.5	6054.0	2539.4	1025.9	525.6	329.3	291.3	285.0	266.0	253.3	247.0
72.5°	6225.0	4952.1	2096.1	949.9	500.3	297.6	266.0	253.3	247.0	228.0	221.6
75°	4768.5	3812.3	1678.2	842.2	437.0	266.0	234.3	221.6	215.3	202.6	196.3
77.5°	3350.0	2837.0	1241.2	683.9	367.3	240.6	209.0	196.3	190.0	171.0	171.0
80°	2273.4	1988.5	842.2	474.9	285.0	196.3	183.6	171.0	158.3	145.7	145.7
82.5°	1412.2	1393.2	607.9	310.3	209.0	158.3	145.7	145.7	126.7	114.0	114.0
85°	645.9	854.9	424.3	215.3	158.3	120.3	120.3	114.0	101.3	82.3	82.3
87.5°	202.6	285.0	221.6	95.0	88.7	69.7	69.7	63.3	63.3	50.7	50.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5
2.5°	3995.9	3989.6	3989.6	3964.2	4027.6	4027.6	4065.6	4033.9	4052.9	4059.2	4109.9
5°	3172.7	3223.3	3261.3	3337.3	3381.6	3400.6	3400.6	3451.3	3432.3	3470.3	3546.3
7.5°	2324.1	2387.4	2501.4	2596.4	2672.4	2697.7	2691.4	2704.0	2723.0	2678.7	2691.4
10°	1880.8	1836.5	1874.5	1963.1	2032.8	2115.1	2051.8	2045.4	2064.4	2045.4	2083.4
12.5°	1570.5	1519.8	1488.2	1488.2	1538.8	1576.8	1557.8	1589.5	1659.2	1678.2	1722.5
15°	1272.9	1228.5	1203.2	1171.5	1222.2	1234.9	1253.9	1298.2	1348.9	1374.2	1424.8
17.5°	1019.6	1019.6	1019.6	994.2	1013.2	1032.2	1038.6	1095.5	1101.9	1127.2	1146.2
20°	835.9	854.9	886.6	899.2	918.2	918.2	905.6	937.2	911.9	930.9	943.6
22.5°	753.6	778.9	791.6	797.9	823.2	829.6	797.9	804.2	810.6	791.6	797.9
25°	709.3	721.9	709.3	715.6	721.9	709.3	715.6	728.3	721.9	734.6	728.3
27.5°	690.3	677.6	671.3	664.9	664.9	652.3	658.6	658.6	671.3	677.6	677.6
30°	690.3	671.3	645.9	626.9	626.9	607.9	620.6	633.3	639.6	652.3	652.3
32.5°	709.3	671.3	626.9	607.9	588.9	576.3	588.9	607.9	633.3	639.6	645.9
35°	563.6	582.6	576.3	550.9	544.6	544.6	538.3	538.3	519.3	519.3	512.9
37.5°	506.6	500.3	512.9	519.3	525.6	506.6	506.6	481.3	474.9	481.3	481.3
40°	474.9	474.9	474.9	493.9	500.3	487.6	468.6	456.0	456.0	456.0	462.3
42.5°	462.3	449.6	443.3	456.0	474.9	462.3	443.3	437.0	437.0	443.3	443.3
45°	443.3	437.0	430.6	424.3	449.6	430.6	424.3	418.0	418.0	418.0	424.3
47.5°	424.3	418.0	405.3	405.3	411.6	405.3	399.0	399.0	399.0	411.6	411.6
50°	411.6	405.3	392.6	392.6	392.6	392.6	386.3	386.3	386.3	392.6	399.0
52.5°	392.6	386.3	380.0	373.6	373.6	373.6	373.6	373.6	373.6	380.0	386.3
55°	373.6	367.3	361.0	361.0	367.3	367.3	361.0	367.3	361.0	367.3	373.6
57.5°	354.6	348.3	342.0	348.3	354.6	348.3	348.3	348.3	348.3	348.3	354.6
60°	329.3	329.3	329.3	329.3	342.0	342.0	342.0	342.0	329.3	335.6	342.0
62.5°	316.6	310.3	310.3	316.6	323.0	323.0	329.3	323.0	316.6	323.0	323.0
65°	291.3	291.3	291.3	297.6	297.6	304.0	304.0	304.0	297.6	304.0	304.0
67.5°	272.3	272.3	272.3	272.3	285.0	285.0	285.0	285.0	278.6	278.6	285.0
70°	240.6	247.0	240.6	253.3	266.0	259.6	266.0	266.0	259.6	253.3	266.0
72.5°	221.6	221.6	221.6	221.6	240.6	240.6	240.6	247.0	240.6	234.3	240.6
75°	196.3	196.3	196.3	202.6	215.3	215.3	215.3	215.3	215.3	209.0	209.0
77.5°	171.0	177.3	171.0	177.3	190.0	183.6	190.0	196.3	190.0	183.6	183.6
80°	145.7	145.7	145.7	152.0	158.3	158.3	158.3	164.6	158.3	152.0	152.0
82.5°	114.0	114.0	120.3	120.3	126.7	126.7	126.7	133.0	126.7	120.3	120.3
85°	88.7	88.7	88.7	95.0	95.0	101.3	101.3	107.7	107.7	101.3	101.3
87.5°	57.0	50.7	57.0	57.0	63.3	63.3	57.0	50.7	57.0	50.7	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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5	4559.5
2.5°	4160.5	4274.5	4356.9	4413.9	4496.2	4654.5	4717.8	4831.8	4863.5	4882.5
5°	3577.9	3698.3	3875.6	4002.2	4147.9	4445.5	4673.5	4844.5	4920.5	4990.1
7.5°	2805.4	2963.7	3147.3	3312.0	3552.6	3919.9	4217.5	4572.2	4705.2	4774.8
10°	2191.1	2336.7	2539.4	2742.0	3077.7	3388.0	3812.3	4135.2	4318.9	4369.5
12.5°	1849.1	2020.1	2260.8	2507.7	2716.7	3071.3	3502.0	3970.6	4141.5	4173.2
15°	1570.5	1804.8	2051.8	2305.1	2545.7	2856.0	3318.3	3888.2	4141.5	4173.2
17.5°	1298.2	1507.2	1798.5	2070.8	2349.4	2773.7	3350.0	3957.9	4211.2	4306.2
20°	1032.2	1234.9	1462.8	1804.8	2184.8	2634.4	3419.6	4192.2	4527.8	4629.2
22.5°	854.9	943.6	1165.2	1494.5	1944.1	2539.4	3489.3	4559.5	4914.1	4952.1
25°	747.3	810.6	949.9	1260.2	1754.1	2476.1	3653.9	4983.8	5439.7	5439.7
27.5°	696.6	721.9	816.9	1095.5	1621.2	2419.1	3818.6	5452.4	5876.7	5965.4
30°	683.9	747.3	797.9	975.2	1475.5	2260.8	3970.6	5819.7	6256.7	6263.0
32.5°	671.3	658.6	696.6	848.6	1298.2	2096.1	4097.2	6193.3	6535.3	6554.3
35°	525.6	550.9	614.3	747.3	1165.2	1975.8	4160.5	6396.0	6889.9	6908.9
37.5°	493.9	525.6	576.3	690.3	1076.5	1874.5	4179.5	6788.6	7263.5	7301.5
40°	481.3	506.6	544.6	639.6	1006.9	1747.8	4217.5	7193.9	7814.5	7763.8
42.5°	456.0	487.6	525.6	614.3	949.9	1652.8	4223.9	7415.5	8105.8	8105.8
45°	449.6	468.6	512.9	614.3	886.6	1570.5	4122.6	7637.2	8441.4	8340.1
47.5°	424.3	462.3	500.3	595.3	810.6	1488.2	4002.2	7751.2	8485.7	8454.1
50°	418.0	456.0	519.3	563.6	766.2	1450.2	3976.9	8036.1	8574.4	8568.1
52.5°	405.3	443.3	538.3	538.3	709.3	1399.5	4097.2	8162.8	8593.4	8644.1
55°	386.3	443.3	500.3	493.9	658.6	1336.2	4230.2	8492.1	8929.0	8916.4
57.5°	373.6	430.6	474.9	449.6	601.6	1291.9	4426.5	8808.7	9334.3	9245.7
60°	354.6	430.6	424.3	418.0	557.3	1253.9	4591.2	8872.0	9423.0	9480.0
62.5°	342.0	449.6	373.6	386.3	519.3	1234.9	4521.5	8397.1	9302.7	9353.3
65°	329.3	386.3	342.0	354.6	506.6	1196.9	4249.2	7827.1	8783.4	9005.0
67.5°	304.0	316.6	316.6	329.3	493.9	1108.2	3691.9	6801.3	7991.8	8112.1
70°	278.6	285.0	285.0	304.0	481.3	1006.9	3046.0	5883.0	6934.2	7162.2
72.5°	253.3	253.3	253.3	278.6	443.3	924.6	2507.7	4521.5	5762.7	5921.0
75°	221.6	221.6	221.6	247.0	399.0	842.2	1975.8	3362.6	4242.9	4470.8
77.5°	196.3	196.3	190.0	221.6	348.3	683.9	1424.8	2374.7	2989.0	3179.0
80°	164.6	158.3	158.3	177.3	272.3	493.9	918.2	1678.2	2083.4	2165.8
82.5°	133.0	126.7	120.3	133.0	196.3	310.3	569.9	1171.5	1336.2	1285.5
85°	126.7	133.0	107.7	101.3	139.3	202.6	361.0	721.9	601.6	601.6
87.5°	50.7	44.3	44.3	38.0	69.7	76.0	158.3	133.0	101.3	101.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)