

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: P598911

Luminaire Tested: **IFLD-S-SA3A-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: P598911
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-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

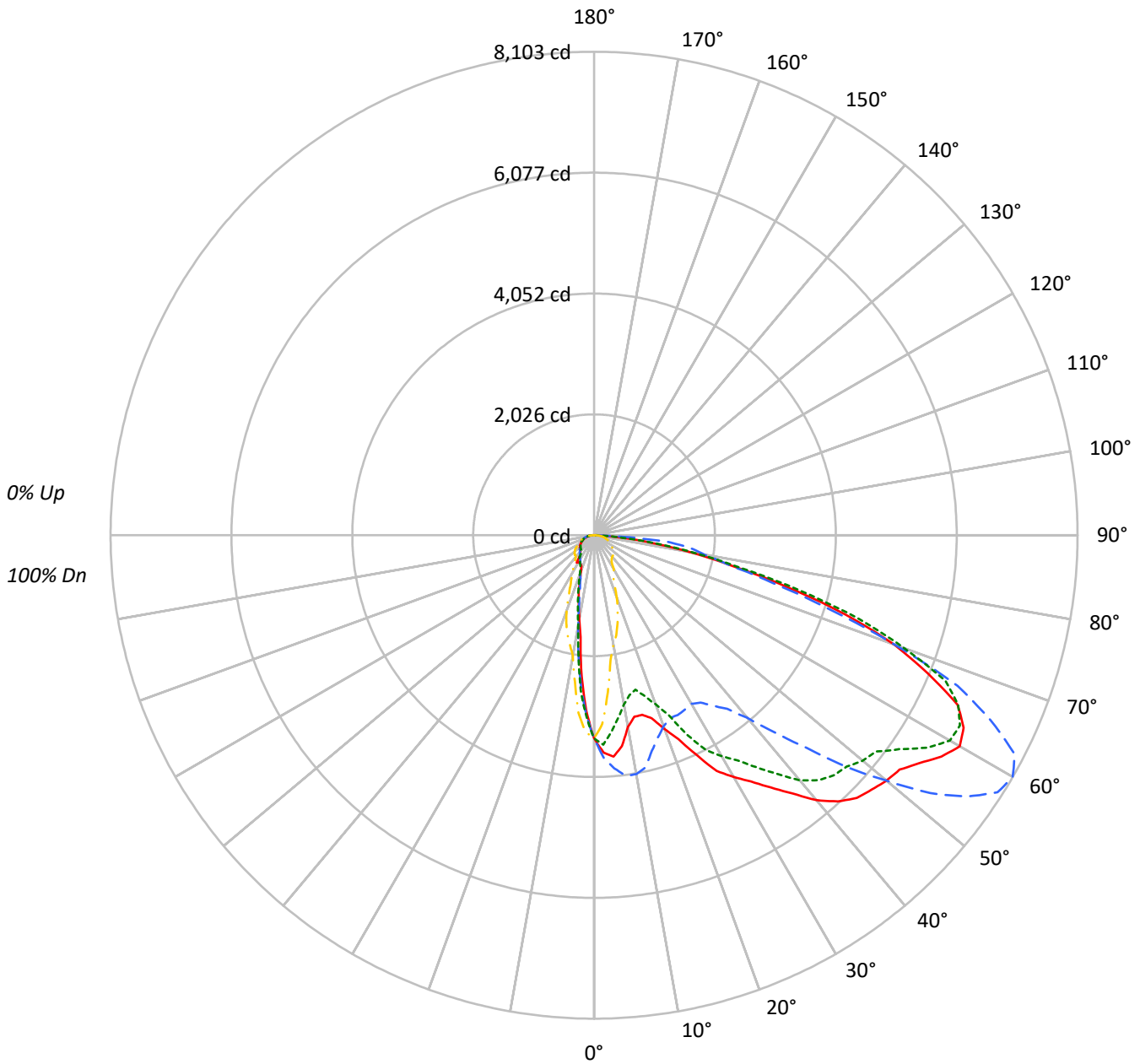
Lumens per Lamp: N/A
 Luminaire Lumens: 10656.8 lumens
 Efficiency: N/A
 Efficacy: 112.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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°	48850	48850	48850	48850
5°	53668	47675	34190	37322
10°	47537	41956	20736	22252
15°	46289	39826	14680	15242
20°	52779	46065	9602	10613
25°	64305	58392	8385	8684
30°	77481	70823	8695	8069
35°	90363	83157	7206	6791
40°	108585	100437	6732	6377
45°	126367	115429	6812	6333
50°	142812	131199	6966	6544
55°	166550	156376	7216	6861
60°	203134	197571	7193	7193
65°	228289	228608	7386	7705
70°	224359	232294	7738	7935
75°	185069	197390	8124	8650
80°	133627	140264	8984	9381
85°	73953	79404	10127	12449

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.4	2.5
10°-20°	558.3	5.2
20°-30°	816.8	7.7
30°-40°	1150.9	10.8
40°-50°	1581.6	14.8
50°-60°	2155.6	20.2
60°-70°	2359.2	22.1
70°-80°	1362.1	12.8
80°-90°	407.9	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°	1639.5	15.4
0°-40°	2790.4	26.2
0°-60°	6527.7	61.3
0°-90°	10656.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10656.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3404	3404	3404	3404	3404	
5°	3725	3309	2373	2591	3725	338
15°	3115	2680	988	1026	3115	910
25°	4061	3687	530	548	4061	1902
35°	5158	4746	411	388	5158	3270
45°	6226	5687	336	312	6226	4785
55°	6656	6250	288	274	6656	6006
65°	6722	6732	218	227	6722	6434
75°	3338	3560	146	156	3338	3585
85°	449	482	62	76	449	623
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°	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7
2.5°	3644.8	3630.6	3644.8	3696.8	3711.0	3734.6	3734.6	3701.5	3640.1	3611.7	3564.5
5°	3725.2	3701.5	3819.7	3928.5	4013.6	4004.1	3923.7	3857.6	3734.6	3550.3	3375.4
7.5°	3564.5	3588.1	3673.2	3956.8	4155.4	4193.2	4065.6	3933.2	3668.5	3413.2	3176.8
10°	3261.9	3295.0	3479.4	3772.5	4084.5	4145.9	4065.6	3904.8	3588.1	3271.4	2997.2
12.5°	3115.4	3191.0	3299.7	3654.3	3876.5	4023.0	3985.2	3881.2	3526.6	3153.2	2888.4
15°	3115.4	3134.3	3295.0	3592.8	3720.5	3725.2	3739.4	3758.3	3545.5	3205.2	2850.6
17.5°	3214.6	3266.6	3403.7	3588.1	3611.7	3555.0	3555.0	3635.4	3583.4	3351.7	2987.7
20°	3455.7	3436.8	3616.5	3692.1	3564.5	3422.6	3408.4	3545.5	3625.9	3507.7	3238.3
22.5°	3696.8	3781.9	3928.5	3758.3	3521.9	3332.8	3313.9	3484.1	3753.5	3777.2	3526.6
25°	4060.8	4145.9	4221.6	4013.6	3517.2	3309.2	3323.4	3455.7	3909.6	4160.1	4008.8
27.5°	4453.2	4505.2	4613.9	4292.5	3630.6	3280.8	3295.0	3493.5	4056.1	4410.7	4387.0
30°	4675.4	4732.1	4708.5	4344.5	3706.3	3299.7	3261.9	3545.5	3975.7	4410.7	4632.8
32.5°	4892.8	4859.8	4845.6	4429.6	3800.8	3417.9	3323.4	3654.3	4023.0	4481.6	4949.6
35°	5157.6	5110.3	5072.5	4595.0	3956.8	3531.4	3488.8	3796.1	4127.0	4628.1	5204.9
37.5°	5450.7	5450.7	5266.3	4717.9	4141.2	3715.7	3668.5	3999.4	4292.5	4717.9	5554.7
40°	5795.8	5810.0	5483.8	4883.4	4349.2	4008.8	3994.6	4264.1	4453.2	4850.3	5890.3
42.5°	6051.1	6060.5	5672.9	4944.9	4590.3	4415.4	4476.8	4689.6	4637.6	4968.5	5914.0
45°	6226.0	6178.7	5805.2	5119.8	4855.0	5025.2	5044.1	5105.6	4878.7	5039.4	6008.5
47.5°	6311.1	6301.6	5862.0	5323.0	5412.9	5644.5	5753.2	5668.1	5100.9	4963.8	6008.5
50°	6396.2	6315.8	5914.0	5602.0	5956.5	6424.5	6400.9	6244.9	5408.1	5058.3	5918.7
52.5°	6452.9	6382.0	6018.0	5852.5	6476.5	7006.0	7100.5	6812.2	5767.4	5233.2	5961.2
55°	6656.2	6599.4	6330.0	6192.9	7076.9	7620.6	7634.7	7232.9	6145.6	5521.6	6240.2
57.5°	6902.0	6935.1	6760.2	6675.1	7535.5	8069.7	8017.7	7544.9	6467.1	5871.4	6561.6
60°	7076.9	7128.9	7086.4	7095.8	7762.4	8220.9	8102.7	7738.7	6703.4	6136.2	6954.0
62.5°	6982.4	7086.4	7261.3	7223.5	7771.8	8112.2	7946.7	7483.5	6731.8	6481.3	7251.8
65°	6722.4	6731.8	7072.2	7280.2	7346.4	7549.6	7332.2	6949.3	6438.7	6694.0	7209.3
67.5°	6055.8	6131.4	6438.7	6845.3	6566.3	6613.6	6594.7	6041.6	5994.3	6547.4	6883.1
70°	5346.7	5398.7	5734.3	6211.8	5545.2	5323.0	5365.6	4954.3	5148.1	6093.6	6226.0
72.5°	4420.1	4453.2	4836.1	5256.9	4448.5	4051.4	4150.6	3815.0	4089.2	5332.5	5252.1
75°	3337.5	3399.0	3696.8	4193.2	3276.1	3020.8	3120.1	2983.0	3238.3	4391.7	4075.0
77.5°	2373.2	2325.9	2694.6	3280.8	2463.0	2311.7	2321.1	2344.8	2619.0	3701.5	2926.3
80°	1616.8	1630.9	1961.9	2406.2	1933.5	1909.9	1886.2	2075.3	2198.2	2931.0	2127.3
82.5°	959.7	959.7	1323.7	1711.3	1526.9	1720.8	1612.0	1782.2	1720.8	2155.7	1394.6
85°	449.1	449.1	680.7	1233.8	1181.8	1418.2	1205.5	1347.3	1271.7	1503.3	628.7
87.5°	75.6	66.2	137.1	605.1	486.9	553.1	217.5	718.6	798.9	1049.5	156.0
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°	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7
2.5°	3512.5	3479.4	3413.2	3328.1	3257.2	3167.4	3139.0	3077.5	2992.4	2983.0	2945.2
5°	3309.2	3195.7	3053.9	2879.0	2760.8	2637.9	2533.9	2472.4	2401.5	2392.1	2373.2
7.5°	3087.0	2945.2	2708.8	2500.8	2297.5	2103.7	2009.1	1891.0	1810.6	1749.1	1720.8
10°	2879.0	2746.6	2453.5	2169.9	1990.2	1862.6	1749.1	1626.2	1526.9	1451.3	1422.9
12.5°	2741.9	2585.9	2269.1	1999.7	1867.3	1720.8	1593.1	1460.8	1333.1	1233.8	1181.8
15°	2680.4	2533.9	2212.4	1914.6	1720.8	1517.5	1370.9	1238.6	1082.6	1011.7	988.0
17.5°	2827.0	2609.5	2193.5	1815.3	1541.1	1309.5	1129.8	988.0	874.6	803.7	775.3
20°	3016.1	2746.6	2226.6	1697.1	1370.9	1110.9	912.4	761.1	685.5	633.5	628.7
22.5°	3257.2	2949.9	2278.6	1612.0	1181.8	893.5	713.8	624.0	572.0	567.3	557.8
25°	3687.4	3318.6	2363.7	1498.6	1030.6	737.5	609.8	557.8	534.2	520.0	529.5
27.5°	4056.1	3559.7	2425.2	1427.7	969.1	694.9	590.9	534.2	510.6	505.8	510.6
30°	4273.6	3781.9	2406.2	1295.3	846.2	661.8	628.7	609.8	562.6	524.7	524.7
32.5°	4472.1	3923.7	2401.5	1177.1	723.3	553.1	524.7	510.6	538.9	557.8	543.6
35°	4746.3	4145.9	2387.3	1110.9	671.3	510.6	463.3	425.5	406.6	397.1	411.3
37.5°	5039.4	4297.2	2349.5	1101.5	642.9	486.9	449.1	411.3	392.4	382.9	378.2
40°	5360.9	4457.9	2307.0	1054.2	628.7	472.7	434.9	401.8	378.2	364.0	359.3
42.5°	5568.9	4585.6	2264.4	1030.6	600.4	463.3	420.7	392.4	368.7	349.8	349.8
45°	5687.1	4736.8	2221.9	1006.9	567.3	468.0	420.7	382.9	354.6	345.1	335.6
47.5°	5739.1	4850.3	2207.7	969.1	538.9	449.1	411.3	373.5	345.1	326.2	321.5
50°	5876.1	5091.4	2259.7	940.8	505.8	430.2	434.9	368.7	340.4	316.7	312.0
52.5°	5956.5	5285.2	2373.2	898.2	482.2	406.6	425.5	359.3	326.2	302.6	302.6
55°	6249.6	5606.7	2496.1	865.1	453.8	373.5	392.4	340.4	302.6	288.4	288.4
57.5°	6623.1	5947.1	2600.1	850.9	434.9	349.8	349.8	330.9	288.4	269.5	264.7
60°	6883.1	6226.0	2661.5	841.5	416.0	326.2	312.0	330.9	274.2	255.3	250.6
62.5°	6911.4	6065.2	2600.1	836.7	411.3	302.6	283.6	316.7	260.0	241.1	231.6
65°	6731.8	5739.1	2429.9	817.8	406.6	278.9	264.7	274.2	241.1	226.9	217.5
67.5°	6372.5	5209.6	2184.1	808.4	401.8	260.0	241.1	236.4	222.2	208.0	198.6
70°	5535.8	4519.4	1895.7	765.8	392.4	245.8	217.5	212.7	198.6	189.1	184.4
72.5°	4647.0	3696.8	1564.8	709.1	373.5	222.2	198.6	189.1	184.4	170.2	165.5
75°	3559.7	2845.9	1252.8	628.7	326.2	198.6	174.9	165.5	160.7	151.3	146.5
77.5°	2500.8	2117.9	926.6	510.6	274.2	179.6	156.0	146.5	141.8	127.6	127.6
80°	1697.1	1484.4	628.7	354.6	212.7	146.5	137.1	127.6	118.2	108.7	108.7
82.5°	1054.2	1040.0	453.8	231.6	156.0	118.2	108.7	108.7	94.5	85.1	85.1
85°	482.2	638.2	316.7	160.7	118.2	89.8	89.8	85.1	75.6	61.5	61.5
87.5°	151.3	212.7	165.5	70.9	66.2	52.0	52.0	47.3	47.3	37.8	37.8
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°	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7
2.5°	2983.0	2978.3	2978.3	2959.3	3006.6	3006.6	3035.0	3011.3	3025.5	3030.3	3068.1
5°	2368.4	2406.2	2434.6	2491.3	2524.4	2538.6	2538.6	2576.4	2562.2	2590.6	2647.3
7.5°	1735.0	1782.2	1867.3	1938.2	1995.0	2013.9	2009.1	2018.6	2032.8	1999.7	2009.1
10°	1404.0	1370.9	1399.3	1465.5	1517.5	1578.9	1531.7	1526.9	1541.1	1526.9	1555.3
12.5°	1172.4	1134.6	1110.9	1110.9	1148.8	1177.1	1162.9	1186.6	1238.6	1252.8	1285.9
15°	950.2	917.1	898.2	874.6	912.4	921.8	936.0	969.1	1006.9	1025.8	1063.7
17.5°	761.1	761.1	761.1	742.2	756.4	770.6	775.3	817.8	822.6	841.5	855.7
20°	624.0	638.2	661.8	671.3	685.5	685.5	676.0	699.7	680.7	694.9	704.4
22.5°	562.6	581.5	590.9	595.7	614.6	619.3	595.7	600.4	605.1	590.9	595.7
25°	529.5	538.9	529.5	534.2	538.9	529.5	534.2	543.6	538.9	548.4	543.6
27.5°	515.3	505.8	501.1	496.4	496.4	486.9	491.6	491.6	501.1	505.8	505.8
30°	515.3	501.1	482.2	468.0	468.0	453.8	463.3	472.7	477.5	486.9	486.9
32.5°	529.5	501.1	468.0	453.8	439.6	430.2	439.6	453.8	472.7	477.5	482.2
35°	420.7	434.9	430.2	411.3	406.6	406.6	401.8	401.8	387.6	387.6	382.9
37.5°	378.2	373.5	382.9	387.6	392.4	378.2	378.2	359.3	354.6	359.3	359.3
40°	354.6	354.6	354.6	368.7	373.5	364.0	349.8	340.4	340.4	340.4	345.1
42.5°	345.1	335.6	330.9	340.4	354.6	345.1	330.9	326.2	326.2	330.9	330.9
45°	330.9	326.2	321.5	316.7	335.6	321.5	316.7	312.0	312.0	312.0	316.7
47.5°	316.7	312.0	302.6	302.6	307.3	302.6	297.8	297.8	297.8	307.3	307.3
50°	307.3	302.6	293.1	293.1	293.1	293.1	288.4	288.4	288.4	293.1	297.8
52.5°	293.1	288.4	283.6	278.9	278.9	278.9	278.9	278.9	278.9	283.6	288.4
55°	278.9	274.2	269.5	269.5	274.2	274.2	269.5	274.2	269.5	274.2	278.9
57.5°	264.7	260.0	255.3	260.0	264.7	260.0	260.0	260.0	260.0	260.0	264.7
60°	245.8	245.8	245.8	245.8	255.3	255.3	255.3	255.3	245.8	250.6	255.3
62.5°	236.4	231.6	231.6	236.4	241.1	241.1	245.8	241.1	236.4	241.1	241.1
65°	217.5	217.5	217.5	222.2	222.2	226.9	226.9	226.9	222.2	226.9	226.9
67.5°	203.3	203.3	203.3	203.3	212.7	212.7	212.7	212.7	208.0	208.0	212.7
70°	179.6	184.4	179.6	189.1	198.6	193.8	198.6	198.6	193.8	189.1	198.6
72.5°	165.5	165.5	165.5	165.5	179.6	179.6	179.6	184.4	179.6	174.9	179.6
75°	146.5	146.5	146.5	151.3	160.7	160.7	160.7	160.7	160.7	156.0	156.0
77.5°	127.6	132.4	127.6	132.4	141.8	137.1	141.8	146.5	141.8	137.1	137.1
80°	108.7	108.7	108.7	113.5	118.2	118.2	118.2	122.9	118.2	113.5	113.5
82.5°	85.1	85.1	89.8	89.8	94.5	94.5	94.5	99.3	94.5	89.8	89.8
85°	66.2	66.2	66.2	70.9	70.9	75.6	75.6	80.4	80.4	75.6	75.6
87.5°	42.5	37.8	42.5	42.5	47.3	47.3	42.5	37.8	42.5	37.8	33.1
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°	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7	3403.7
2.5°	3105.9	3191.0	3252.4	3295.0	3356.4	3474.6	3521.9	3607.0	3630.6	3644.8
5°	2671.0	2760.8	2893.2	2987.7	3096.4	3318.6	3488.8	3616.5	3673.2	3725.2
7.5°	2094.2	2212.4	2349.5	2472.4	2652.1	2926.3	3148.4	3413.2	3512.5	3564.5
10°	1635.7	1744.4	1895.7	2047.0	2297.5	2529.2	2845.9	3087.0	3224.1	3261.9
12.5°	1380.4	1508.0	1687.7	1872.0	2028.1	2292.8	2614.2	2964.1	3091.7	3115.4
15°	1172.4	1347.3	1531.7	1720.8	1900.4	2132.1	2477.2	2902.6	3091.7	3115.4
17.5°	969.1	1125.1	1342.6	1545.9	1753.9	2070.6	2500.8	2954.6	3143.7	3214.6
20°	770.6	921.8	1092.0	1347.3	1630.9	1966.6	2552.8	3129.5	3380.1	3455.7
22.5°	638.2	704.4	869.8	1115.7	1451.3	1895.7	2604.8	3403.7	3668.5	3696.8
25°	557.8	605.1	709.1	940.8	1309.5	1848.4	2727.7	3720.5	4060.8	4060.8
27.5°	520.0	538.9	609.8	817.8	1210.2	1805.9	2850.6	4070.3	4387.0	4453.2
30°	510.6	557.8	595.7	728.0	1101.5	1687.7	2964.1	4344.5	4670.7	4675.4
32.5°	501.1	491.6	520.0	633.5	969.1	1564.8	3058.6	4623.4	4878.7	4892.8
35°	392.4	411.3	458.6	557.8	869.8	1474.9	3105.9	4774.7	5143.4	5157.6
37.5°	368.7	392.4	430.2	515.3	803.7	1399.3	3120.1	5067.8	5422.3	5450.7
40°	359.3	378.2	406.6	477.5	751.7	1304.8	3148.4	5370.3	5833.6	5795.8
42.5°	340.4	364.0	392.4	458.6	709.1	1233.8	3153.2	5535.8	6051.1	6051.1
45°	335.6	349.8	382.9	458.6	661.8	1172.4	3077.5	5701.2	6301.6	6226.0
47.5°	316.7	345.1	373.5	444.4	605.1	1110.9	2987.7	5786.3	6334.7	6311.1
50°	312.0	340.4	387.6	420.7	572.0	1082.6	2968.8	5999.1	6400.9	6396.2
52.5°	302.6	330.9	401.8	401.8	529.5	1044.8	3058.6	6093.6	6415.1	6452.9
55°	288.4	330.9	373.5	368.7	491.6	997.5	3157.9	6339.4	6665.6	6656.2
57.5°	278.9	321.5	354.6	335.6	449.1	964.4	3304.4	6575.8	6968.2	6902.0
60°	264.7	321.5	316.7	312.0	416.0	936.0	3427.4	6623.1	7034.4	7076.9
62.5°	255.3	335.6	278.9	288.4	387.6	921.8	3375.4	6268.5	6944.5	6982.4
65°	245.8	288.4	255.3	264.7	378.2	893.5	3172.1	5843.1	6556.9	6722.4
67.5°	226.9	236.4	236.4	245.8	368.7	827.3	2756.1	5077.2	5966.0	6055.8
70°	208.0	212.7	212.7	226.9	359.3	751.7	2273.9	4391.7	5176.5	5346.7
72.5°	189.1	189.1	189.1	208.0	330.9	690.2	1872.0	3375.4	4301.9	4420.1
75°	165.5	165.5	165.5	184.4	297.8	628.7	1474.9	2510.2	3167.4	3337.5
77.5°	146.5	146.5	141.8	165.5	260.0	510.6	1063.7	1772.8	2231.3	2373.2
80°	122.9	118.2	118.2	132.4	203.3	368.7	685.5	1252.8	1555.3	1616.8
82.5°	99.3	94.5	89.8	99.3	146.5	231.6	425.5	874.6	997.5	959.7
85°	94.5	99.3	80.4	75.6	104.0	151.3	269.5	538.9	449.1	449.1
87.5°	37.8	33.1	33.1	28.4	52.0	56.7	118.2	99.3	75.6	75.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)