

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: P599052

Luminaire Tested: **IFLD-S-SA2B-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599052
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

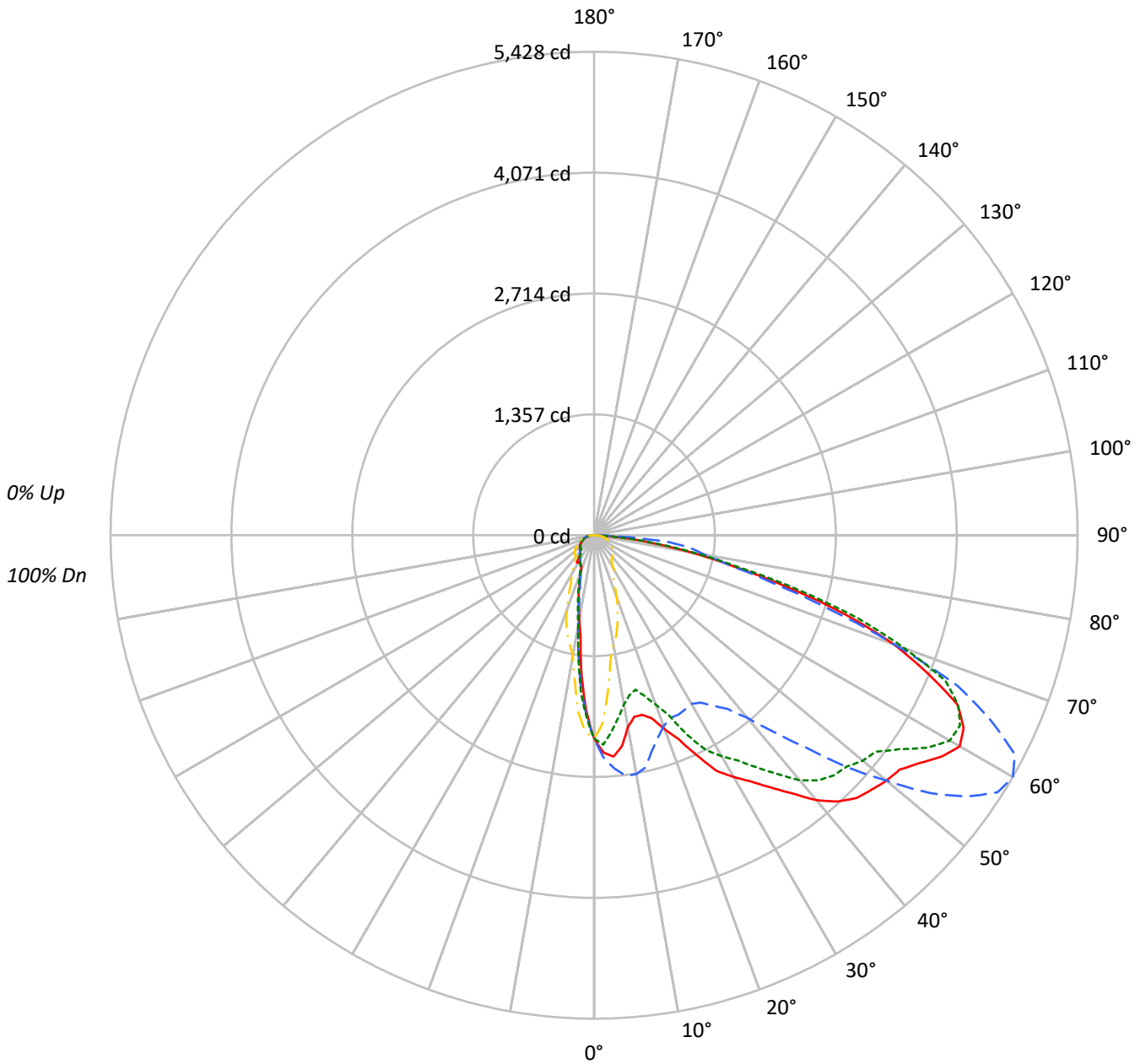
Lumens per Lamp: N/A
 Luminaire Lumens: 7139.3 lumens
 Efficiency: N/A
 Efficacy: 86.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 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°	49088	49088	49088	49088
5°	53930	47907	34356	37504
10°	47768	42161	20839	22361
15°	46516	40021	14752	15316
20°	53038	46291	9649	10667
25°	64621	58678	8425	8727
30°	77861	71169	8738	8109
35°	90805	83565	7240	6825
40°	109117	100928	6764	6407
45°	126986	115992	6847	6363
50°	143510	131842	7000	6578
55°	167365	157142	7251	6895
60°	204127	198538	7229	7229
65°	229405	229726	7422	7743
70°	225456	233431	7773	7975
75°	185976	198361	8168	8692
80°	134276	140958	9025	9422
85°	74324	79782	10177	12523

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.1	2.5
10°-20°	374.0	5.2
20°-30°	547.2	7.7
30°-40°	771.0	10.8
40°-50°	1059.6	14.8
50°-60°	1444.1	20.2
60°-70°	1580.5	22.1
70°-80°	912.5	12.8
80°-90°	273.2	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°	1098.4	15.4
0°-40°	1869.4	26.2
0°-60°	4373.1	61.3
0°-90°	7139.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7139.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2280	2280	2280	2280	2280	
5°	2496	2217	1590	1736	2496	227
15°	2087	1796	662	687	2087	610
25°	2720	2470	355	367	2720	1274
35°	3455	3180	276	260	3455	2191
45°	4171	3810	225	209	4171	3206
55°	4459	4187	193	184	4459	4023
65°	4504	4510	146	152	4504	4310
75°	2236	2385	98	104	2236	2402
85°	301	323	41	51	301	417
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°	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2
2.5°	2441.8	2432.3	2441.8	2476.6	2486.1	2501.9	2501.9	2479.8	2438.6	2419.6	2387.9
5°	2495.6	2479.8	2558.9	2631.8	2688.8	2682.5	2628.6	2584.3	2501.9	2378.4	2261.2
7.5°	2387.9	2403.8	2460.8	2650.8	2783.8	2809.1	2723.6	2635.0	2457.6	2286.6	2128.2
10°	2185.2	2207.4	2330.9	2527.3	2736.3	2777.5	2723.6	2616.0	2403.8	2191.6	2007.9
12.5°	2087.1	2137.7	2210.6	2448.1	2596.9	2695.1	2669.8	2600.1	2362.6	2112.4	1935.0
15°	2087.1	2099.7	2207.4	2406.9	2492.4	2495.6	2505.1	2517.8	2375.3	2147.2	1909.7
17.5°	2153.6	2188.4	2280.2	2403.8	2419.6	2381.6	2381.6	2435.4	2400.6	2245.4	2001.6
20°	2315.1	2302.4	2422.8	2473.4	2387.9	2292.9	2283.4	2375.3	2429.1	2349.9	2169.4
22.5°	2476.6	2533.6	2631.8	2517.8	2359.4	2232.7	2220.1	2334.1	2514.6	2530.4	2362.6
25°	2720.5	2777.5	2828.1	2688.8	2356.3	2216.9	2226.4	2315.1	2619.1	2787.0	2685.6
27.5°	2983.3	3018.2	3091.0	2875.6	2432.3	2197.9	2207.4	2340.4	2717.3	2954.8	2939.0
30°	3132.2	3170.2	3154.3	2910.5	2482.9	2210.6	2185.2	2375.3	2663.5	2954.8	3103.7
32.5°	3277.9	3255.7	3246.2	2967.5	2546.3	2289.7	2226.4	2448.1	2695.1	3002.3	3315.9
35°	3455.2	3423.5	3398.2	3078.3	2650.8	2365.8	2337.3	2543.1	2764.8	3100.5	3486.9
37.5°	3651.6	3651.6	3528.1	3160.7	2774.3	2489.3	2457.6	2679.3	2875.6	3160.7	3721.2
40°	3882.8	3892.3	3673.7	3271.5	2913.7	2685.6	2676.1	2856.6	2983.3	3249.4	3946.1
42.5°	4053.8	4060.1	3800.4	3312.7	3075.2	2958.0	2999.2	3141.7	3106.8	3328.5	3961.9
45°	4171.0	4139.3	3889.1	3429.9	3252.5	3366.5	3379.2	3420.4	3268.4	3376.0	4025.3
47.5°	4228.0	4221.6	3927.1	3566.1	3626.2	3781.4	3854.3	3797.2	3417.2	3325.4	4025.3
50°	4285.0	4231.1	3961.9	3752.9	3990.4	4304.0	4288.1	4183.6	3623.1	3388.7	3965.1
52.5°	4323.0	4275.5	4031.6	3920.8	4338.8	4693.5	4756.9	4563.7	3863.8	3505.9	3993.6
55°	4459.2	4421.1	4240.6	4148.8	4741.0	5105.2	5114.7	4845.5	4117.1	3699.1	4180.5
57.5°	4623.8	4646.0	4528.8	4471.8	5048.2	5406.1	5371.3	5054.6	4332.5	3933.4	4395.8
60°	4741.0	4775.9	4747.4	4753.7	5200.2	5507.4	5428.3	5184.4	4490.8	4110.8	4658.7
62.5°	4677.7	4747.4	4864.5	4839.2	5206.6	5434.6	5323.7	5013.4	4509.8	4342.0	4858.2
65°	4503.5	4509.8	4737.9	4877.2	4921.5	5057.7	4912.0	4655.5	4313.5	4484.5	4829.7
67.5°	4056.9	4107.6	4313.5	4585.8	4399.0	4430.7	4418.0	4047.4	4015.8	4386.3	4611.2
70°	3581.9	3616.7	3841.6	4161.5	3714.9	3566.1	3594.6	3319.0	3448.9	4082.3	4171.0
72.5°	2961.2	2983.3	3239.9	3521.7	2980.2	2714.1	2780.6	2555.8	2739.5	3572.4	3518.6
75°	2235.9	2277.1	2476.6	2809.1	2194.7	2023.7	2090.2	1998.4	2169.4	2942.2	2730.0
77.5°	1589.8	1558.2	1805.2	2197.9	1650.0	1548.7	1555.0	1570.8	1754.5	2479.8	1960.4
80°	1083.1	1092.6	1314.3	1612.0	1295.3	1279.5	1263.6	1390.3	1472.7	1963.5	1425.2
82.5°	642.9	642.9	886.8	1146.5	1022.9	1152.8	1080.0	1194.0	1152.8	1444.2	934.3
85°	300.9	300.9	456.0	826.6	791.8	950.1	807.6	902.6	851.9	1007.1	421.2
87.5°	50.7	44.3	91.8	405.4	326.2	370.5	145.7	481.4	535.2	703.1	104.5
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°	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2
2.5°	2353.1	2330.9	2286.6	2229.6	2182.1	2121.9	2102.9	2061.7	2004.7	1998.4	1973.0
5°	2216.9	2140.9	2045.9	1928.7	1849.5	1767.2	1697.5	1656.3	1608.8	1602.5	1589.8
7.5°	2068.1	1973.0	1814.7	1675.3	1539.2	1409.3	1346.0	1266.8	1213.0	1171.8	1152.8
10°	1928.7	1840.0	1643.7	1453.7	1333.3	1247.8	1171.8	1089.5	1022.9	972.3	953.3
12.5°	1836.9	1732.4	1520.2	1339.6	1251.0	1152.8	1067.3	978.6	893.1	826.6	791.8
15°	1795.7	1697.5	1482.2	1282.6	1152.8	1016.6	918.4	829.8	725.2	677.7	661.9
17.5°	1893.9	1748.2	1469.5	1216.1	1032.4	877.3	756.9	661.9	585.9	538.4	519.4
20°	2020.6	1840.0	1491.7	1137.0	918.4	744.2	611.2	509.9	459.2	424.4	421.2
22.5°	2182.1	1976.2	1526.5	1080.0	791.8	598.6	478.2	418.0	383.2	380.0	373.7
25°	2470.3	2223.2	1583.5	1003.9	690.4	494.1	408.5	373.7	357.9	348.4	354.7
27.5°	2717.3	2384.8	1624.7	956.4	649.2	465.6	395.9	357.9	342.0	338.9	342.0
30°	2863.0	2533.6	1612.0	867.8	566.9	443.4	421.2	408.5	376.9	351.5	351.5
32.5°	2996.0	2628.6	1608.8	788.6	484.6	370.5	351.5	342.0	361.0	373.7	364.2
35°	3179.7	2777.5	1599.3	744.2	449.7	342.0	310.4	285.0	272.4	266.0	275.5
37.5°	3376.0	2878.8	1574.0	737.9	430.7	326.2	300.9	275.5	262.9	256.5	253.4
40°	3591.4	2986.5	1545.5	706.2	421.2	316.7	291.4	269.2	253.4	243.9	240.7
42.5°	3730.7	3072.0	1517.0	690.4	402.2	310.4	281.9	262.9	247.0	234.4	234.4
45°	3809.9	3173.3	1488.5	674.6	380.0	313.5	281.9	256.5	237.5	231.2	224.9
47.5°	3844.8	3249.4	1479.0	649.2	361.0	300.9	275.5	250.2	231.2	218.5	215.4
50°	3936.6	3410.9	1513.8	630.2	338.9	288.2	291.4	247.0	228.0	212.2	209.0
52.5°	3990.4	3540.7	1589.8	601.7	323.0	272.4	285.0	240.7	218.5	202.7	202.7
55°	4186.8	3756.1	1672.2	579.6	304.0	250.2	262.9	228.0	202.7	193.2	193.2
57.5°	4437.0	3984.1	1741.9	570.1	291.4	234.4	234.4	221.7	193.2	180.5	177.4
60°	4611.2	4171.0	1783.0	563.7	278.7	218.5	209.0	221.7	183.7	171.0	167.9
62.5°	4630.2	4063.3	1741.9	560.6	275.5	202.7	190.0	212.2	174.2	161.5	155.2
65°	4509.8	3844.8	1627.8	547.9	272.4	186.9	177.4	183.7	161.5	152.0	145.7
67.5°	4269.1	3490.0	1463.2	541.6	269.2	174.2	161.5	158.4	148.8	139.3	133.0
70°	3708.6	3027.7	1270.0	513.1	262.9	164.7	145.7	142.5	133.0	126.7	123.5
72.5°	3113.2	2476.6	1048.3	475.1	250.2	148.8	133.0	126.7	123.5	114.0	110.8
75°	2384.8	1906.5	839.3	421.2	218.5	133.0	117.2	110.8	107.7	101.3	98.2
77.5°	1675.3	1418.8	620.7	342.0	183.7	120.3	104.5	98.2	95.0	85.5	85.5
80°	1137.0	994.4	421.2	237.5	142.5	98.2	91.8	85.5	79.2	72.8	72.8
82.5°	706.2	696.7	304.0	155.2	104.5	79.2	72.8	72.8	63.3	57.0	57.0
85°	323.0	427.5	212.2	107.7	79.2	60.2	60.2	57.0	50.7	41.2	41.2
87.5°	101.3	142.5	110.8	47.5	44.3	34.8	34.8	31.7	31.7	25.3	25.3
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°	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2
2.5°	1998.4	1995.2	1995.2	1982.5	2014.2	2014.2	2033.2	2017.4	2026.9	2030.1	2055.4
5°	1586.7	1612.0	1631.0	1669.0	1691.2	1700.7	1700.7	1726.0	1716.5	1735.5	1773.5
7.5°	1162.3	1194.0	1251.0	1298.5	1336.5	1349.1	1346.0	1352.3	1361.8	1339.6	1346.0
10°	940.6	918.4	937.4	981.8	1016.6	1057.8	1026.1	1022.9	1032.4	1022.9	1041.9
12.5°	785.4	760.1	744.2	744.2	769.6	788.6	779.1	794.9	829.8	839.3	861.4
15°	636.6	614.4	601.7	585.9	611.2	617.6	627.1	649.2	674.6	687.2	712.6
17.5°	509.9	509.9	509.9	497.2	506.7	516.2	519.4	547.9	551.1	563.7	573.2
20°	418.0	427.5	443.4	449.7	459.2	459.2	452.9	468.7	456.0	465.6	471.9
22.5°	376.9	389.5	395.9	399.0	411.7	414.9	399.0	402.2	405.4	395.9	399.0
25°	354.7	361.0	354.7	357.9	361.0	354.7	357.9	364.2	361.0	367.4	364.2
27.5°	345.2	338.9	335.7	332.5	332.5	326.2	329.4	329.4	335.7	338.9	338.9
30°	345.2	335.7	323.0	313.5	313.5	304.0	310.4	316.7	319.9	326.2	326.2
32.5°	354.7	335.7	313.5	304.0	294.5	288.2	294.5	304.0	316.7	319.9	323.0
35°	281.9	291.4	288.2	275.5	272.4	272.4	269.2	269.2	259.7	259.7	256.5
37.5°	253.4	250.2	256.5	259.7	262.9	253.4	253.4	240.7	237.5	240.7	240.7
40°	237.5	237.5	237.5	247.0	250.2	243.9	234.4	228.0	228.0	228.0	231.2
42.5°	231.2	224.9	221.7	228.0	237.5	231.2	221.7	218.5	218.5	221.7	221.7
45°	221.7	218.5	215.4	212.2	224.9	215.4	212.2	209.0	209.0	209.0	212.2
47.5°	212.2	209.0	202.7	202.7	205.9	202.7	199.5	199.5	199.5	205.9	205.9
50°	205.9	202.7	196.4	196.4	196.4	196.4	193.2	193.2	193.2	196.4	199.5
52.5°	196.4	193.2	190.0	186.9	186.9	186.9	186.9	186.9	186.9	190.0	193.2
55°	186.9	183.7	180.5	180.5	183.7	183.7	180.5	183.7	180.5	183.7	186.9
57.5°	177.4	174.2	171.0	174.2	177.4	174.2	174.2	174.2	174.2	174.2	177.4
60°	164.7	164.7	164.7	164.7	171.0	171.0	171.0	171.0	164.7	167.9	171.0
62.5°	158.4	155.2	155.2	158.4	161.5	161.5	164.7	161.5	158.4	161.5	161.5
65°	145.7	145.7	145.7	148.8	148.8	152.0	152.0	152.0	148.8	152.0	152.0
67.5°	136.2	136.2	136.2	136.2	142.5	142.5	142.5	142.5	139.3	139.3	142.5
70°	120.3	123.5	120.3	126.7	133.0	129.8	133.0	133.0	129.8	126.7	133.0
72.5°	110.8	110.8	110.8	110.8	120.3	120.3	120.3	123.5	120.3	117.2	120.3
75°	98.2	98.2	98.2	101.3	107.7	107.7	107.7	107.7	107.7	104.5	104.5
77.5°	85.5	88.7	85.5	88.7	95.0	91.8	95.0	98.2	95.0	91.8	91.8
80°	72.8	72.8	72.8	76.0	79.2	79.2	79.2	82.3	79.2	76.0	76.0
82.5°	57.0	57.0	60.2	60.2	63.3	63.3	63.3	66.5	63.3	60.2	60.2
85°	44.3	44.3	44.3	47.5	47.5	50.7	50.7	53.8	53.8	50.7	50.7
87.5°	28.5	25.3	28.5	28.5	31.7	31.7	28.5	25.3	28.5	25.3	22.2
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°	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2	2280.2
2.5°	2080.7	2137.7	2178.9	2207.4	2248.6	2327.8	2359.4	2416.4	2432.3	2441.8
5°	1789.4	1849.5	1938.2	2001.6	2074.4	2223.2	2337.3	2422.8	2460.8	2495.6
7.5°	1403.0	1482.2	1574.0	1656.3	1776.7	1960.4	2109.2	2286.6	2353.1	2387.9
10°	1095.8	1168.6	1270.0	1371.3	1539.2	1694.4	1906.5	2068.1	2159.9	2185.2
12.5°	924.8	1010.3	1130.6	1254.1	1358.6	1536.0	1751.4	1985.7	2071.2	2087.1
15°	785.4	902.6	1026.1	1152.8	1273.1	1428.3	1659.5	1944.5	2071.2	2087.1
17.5°	649.2	753.7	899.4	1035.6	1175.0	1387.2	1675.3	1979.4	2106.1	2153.6
20°	516.2	617.6	731.6	902.6	1092.6	1317.5	1710.2	2096.6	2264.4	2315.1
22.5°	427.5	471.9	582.7	747.4	972.3	1270.0	1745.0	2280.2	2457.6	2476.6
25°	373.7	405.4	475.1	630.2	877.3	1238.3	1827.4	2492.4	2720.5	2720.5
27.5°	348.4	361.0	408.5	547.9	810.8	1209.8	1909.7	2726.8	2939.0	2983.3
30°	342.0	373.7	399.0	487.7	737.9	1130.6	1985.7	2910.5	3129.0	3132.2
32.5°	335.7	329.4	348.4	424.4	649.2	1048.3	2049.1	3097.3	3268.4	3277.9
35°	262.9	275.5	307.2	373.7	582.7	988.1	2080.7	3198.7	3445.7	3455.2
37.5°	247.0	262.9	288.2	345.2	538.4	937.4	2090.2	3395.0	3632.6	3651.6
40°	240.7	253.4	272.4	319.9	503.6	874.1	2109.2	3597.7	3908.1	3882.8
42.5°	228.0	243.9	262.9	307.2	475.1	826.6	2112.4	3708.6	4053.8	4053.8
45°	224.9	234.4	256.5	307.2	443.4	785.4	2061.7	3819.4	4221.6	4171.0
47.5°	212.2	231.2	250.2	297.7	405.4	744.2	2001.6	3876.4	4243.8	4228.0
50°	209.0	228.0	259.7	281.9	383.2	725.2	1988.9	4018.9	4288.1	4285.0
52.5°	202.7	221.7	269.2	269.2	354.7	699.9	2049.1	4082.3	4297.6	4323.0
55°	193.2	221.7	250.2	247.0	329.4	668.2	2115.6	4247.0	4465.5	4459.2
57.5°	186.9	215.4	237.5	224.9	300.9	646.1	2213.7	4405.3	4668.2	4623.8
60°	177.4	215.4	212.2	209.0	278.7	627.1	2296.1	4437.0	4712.5	4741.0
62.5°	171.0	224.9	186.9	193.2	259.7	617.6	2261.2	4199.5	4652.3	4677.7
65°	164.7	193.2	171.0	177.4	253.4	598.6	2125.1	3914.4	4392.6	4503.5
67.5°	152.0	158.4	158.4	164.7	247.0	554.2	1846.4	3401.4	3996.8	4056.9
70°	139.3	142.5	142.5	152.0	240.7	503.6	1523.3	2942.2	3467.9	3581.9
72.5°	126.7	126.7	126.7	139.3	221.7	462.4	1254.1	2261.2	2882.0	2961.2
75°	110.8	110.8	110.8	123.5	199.5	421.2	988.1	1681.7	2121.9	2235.9
77.5°	98.2	98.2	95.0	110.8	174.2	342.0	712.6	1187.6	1494.8	1589.8
80°	82.3	79.2	79.2	88.7	136.2	247.0	459.2	839.3	1041.9	1083.1
82.5°	66.5	63.3	60.2	66.5	98.2	155.2	285.0	585.9	668.2	642.9
85°	63.3	66.5	53.8	50.7	69.7	101.3	180.5	361.0	300.9	300.9
87.5°	25.3	22.2	22.2	19.0	34.8	38.0	79.2	66.5	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

(END OF REPORT)