

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: P598674

Luminaire Tested: **IFLD-S-SA2A-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598674
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

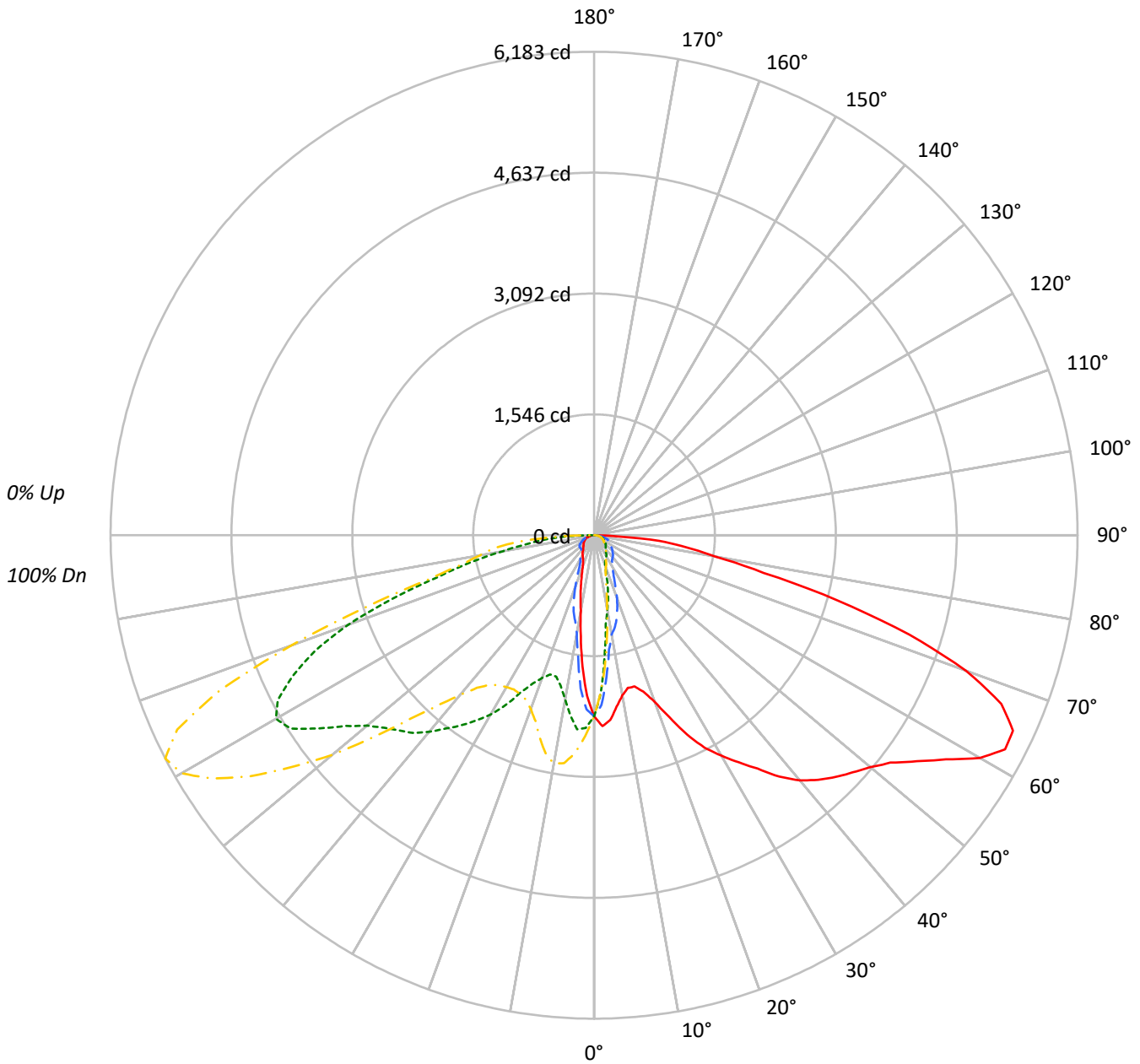
Lumens per Lamp: N/A
 Luminaire Lumens: 7745.1 lumens
 Efficiency: N/A
 Efficacy: 121.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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				
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49807	49807	49807	49807
5°	51257	33331	36413	53848
10°	45475	21180	21392	46538
15°	44630	15022	14228	41742
20°	51890	9503	9576	44467
25°	66733	8159	7929	52571
30°	80871	7733	7249	65810
35°	95719	6812	6557	78006
40°	115013	6466	6011	92154
45°	133081	6412	5821	107434
50°	154539	6511	5861	126865
55°	189119	6688	5960	161631
60°	245271	6695	6278	202159
65°	301071	6770	6439	216395
70°	318581	7138	6729	210690
75°	268180	7544	6737	171952
80°	194837	8839	6831	148632
85°	206495	12795	5607	154476

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.1	2.3
10°-20°	374.7	4.8
20°-30°	540.0	7.0
30°-40°	777.4	10.0
40°-50°	1104.3	14.3
50°-60°	1587.7	20.5
60°-70°	1834.3	23.7
70°-80°	1038.6	13.4
80°-90°	309.1	4.0
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°	1093.8	14.1
0°-40°	1871.3	24.2
0°-60°	4563.2	58.9
0°-90°	7745.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7745.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2314	2314	2314	2314	2314	
5°	2372	1542	1685	2492	2372	215
15°	2002	674	638	1873	2002	589
25°	2809	344	334	2213	2809	1304
35°	3642	259	250	2968	3642	2312
45°	4371	211	191	3529	4371	3385
55°	5039	178	159	4306	5039	4563
65°	5910	133	126	4248	5910	5668
75°	3224	91	81	2067	3224	3421
85°	836	52	23	625	836	833
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°	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6
2.5°	2443.2	2440.0	2420.5	2359.0	2294.2	2232.6	2174.3	2112.7	2080.3	2041.4	2025.2
5°	2371.9	2365.5	2310.4	2174.3	2054.4	1924.8	1814.6	1727.1	1655.8	1584.5	1558.6
7.5°	2209.9	2200.2	2135.4	1947.5	1772.5	1604.0	1471.1	1357.7	1263.7	1221.6	1173.0
10°	2080.3	2064.1	1979.9	1772.5	1545.7	1377.2	1289.7	1211.9	1130.9	1062.8	991.5
12.5°	1999.3	1979.9	1892.4	1649.3	1429.0	1302.6	1211.9	1124.4	1024.0	939.7	861.9
15°	2002.5	1979.9	1872.9	1616.9	1399.8	1237.8	1111.4	991.5	874.9	780.9	693.4
17.5°	2096.5	2067.3	1953.9	1662.3	1377.2	1153.6	985.1	829.5	696.7	596.2	524.9
20°	2265.0	2245.6	2116.0	1730.4	1354.5	1062.8	855.5	667.5	528.2	450.4	421.2
22.5°	2517.8	2495.1	2355.7	1834.0	1348.0	981.8	716.1	524.9	424.5	392.1	375.9
25°	2809.4	2767.3	2637.7	2009.0	1361.0	907.3	602.7	434.2	379.1	356.4	346.7
27.5°	3062.1	3036.2	2890.4	2174.3	1367.4	849.0	524.9	395.3	353.2	333.8	327.3
30°	3253.3	3243.6	3101.0	2355.7	1351.2	777.7	476.3	379.1	353.2	333.8	314.3
32.5°	3444.5	3447.7	3295.4	2495.1	1328.5	716.1	431.0	337.0	311.1	298.1	301.4
35°	3642.2	3658.4	3528.8	2631.2	1279.9	693.4	398.6	314.3	291.6	272.2	262.5
37.5°	3891.7	3933.8	3807.4	2783.5	1231.3	674.0	382.4	298.1	275.4	259.2	246.3
40°	4092.6	4170.3	4095.8	2926.0	1198.9	651.3	369.4	281.9	265.7	246.3	236.5
42.5°	4241.6	4332.4	4306.4	3036.2	1198.9	628.6	356.4	272.2	259.2	236.5	223.6
45°	4371.2	4465.2	4462.0	3149.6	1224.9	615.7	340.2	272.2	252.7	230.1	217.1
47.5°	4487.9	4581.9	4614.3	3292.2	1267.0	609.2	320.8	265.7	252.7	226.8	207.4
50°	4614.3	4718.0	4815.2	3519.0	1318.8	593.0	307.8	256.0	256.0	223.6	200.9
52.5°	4776.3	4892.9	5071.2	3800.9	1370.7	563.8	288.4	249.5	256.0	220.3	194.4
55°	5038.8	5136.0	5369.3	4137.9	1435.5	528.2	272.2	233.3	243.0	210.6	184.7
57.5°	5333.6	5417.9	5612.3	4397.2	1454.9	482.8	249.5	217.1	233.3	200.9	171.7
60°	5696.6	5738.7	5738.7	4471.7	1390.1	440.7	233.3	204.1	210.6	191.2	162.0
62.5°	5926.6	5926.6	5738.7	4335.6	1267.0	405.0	220.3	191.2	184.7	178.2	152.3
65°	5910.4	5884.5	5605.8	3940.3	1124.4	382.4	207.4	175.0	165.3	162.0	142.6
67.5°	5638.2	5592.9	5213.7	3382.9	975.3	372.6	194.4	158.8	152.3	145.8	129.6
70°	5061.4	4944.8	4478.2	2721.9	829.5	366.2	191.2	145.8	139.3	132.9	119.9
72.5°	4225.4	4076.4	3496.3	2093.3	696.7	343.5	181.5	129.6	126.4	119.9	106.9
75°	3224.2	2948.7	2440.0	1600.7	541.1	298.1	155.5	113.4	113.4	110.2	97.2
77.5°	2222.9	2080.3	1701.2	1182.7	395.3	230.1	126.4	100.5	100.5	103.7	90.7
80°	1571.6	1438.7	1211.9	849.0	249.5	155.5	97.2	84.2	94.0	100.5	84.2
82.5°	1202.2	1105.0	900.8	618.9	145.8	106.9	74.5	68.0	81.0	87.5	71.3
85°	836.0	719.4	456.9	414.8	84.2	64.8	55.1	55.1	71.3	87.5	64.8
87.5°	236.5	100.5	29.2	123.1	35.6	25.9	19.4	13.0	19.4	19.4	13.0
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°	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6
2.5°	2009.0	1989.6	1989.6	1983.1	1986.3	1989.6	1986.3	2009.0	2018.7	2031.7	2057.6
5°	1542.4	1568.3	1548.9	1568.3	1594.3	1633.1	1642.9	1672.0	1675.3	1697.9	1685.0
7.5°	1143.8	1140.6	1124.4	1147.1	1218.4	1273.5	1299.4	1315.6	1318.8	1318.8	1302.6
10°	968.9	939.7	910.5	894.3	900.8	959.1	978.6	988.3	981.8	991.5	978.6
12.5°	829.5	803.6	761.5	732.3	712.9	729.1	748.5	758.2	764.7	780.9	793.9
15°	674.0	648.1	622.1	605.9	589.7	576.8	593.0	602.7	618.9	631.9	638.4
17.5°	512.0	499.0	486.1	495.8	495.8	489.3	495.8	499.0	505.5	515.2	512.0
20°	414.8	411.5	408.3	424.5	437.4	437.4	443.9	434.2	431.0	421.2	418.0
22.5°	369.4	369.4	372.6	385.6	398.6	405.0	405.0	388.8	372.6	366.2	369.4
25°	343.5	343.5	353.2	356.4	362.9	362.9	366.2	350.0	340.2	330.5	333.8
27.5°	324.0	324.0	327.3	327.3	330.5	330.5	333.8	327.3	314.3	311.1	311.1
30°	311.1	311.1	307.8	307.8	307.8	307.8	311.1	301.4	294.9	291.6	291.6
32.5°	298.1	294.9	291.6	291.6	288.4	288.4	291.6	281.9	278.7	278.7	278.7
35°	259.2	256.0	259.2	265.7	265.7	268.9	268.9	265.7	259.2	252.7	249.5
37.5°	243.0	239.8	239.8	239.8	246.3	249.5	252.7	246.3	236.5	226.8	226.8
40°	230.1	230.1	226.8	226.8	226.8	233.3	239.8	230.1	217.1	213.9	213.9
42.5°	220.3	217.1	213.9	210.6	207.4	217.1	223.6	210.6	204.1	204.1	204.1
45°	210.6	207.4	204.1	200.9	197.7	200.9	207.4	194.4	191.2	191.2	191.2
47.5°	200.9	197.7	191.2	187.9	184.7	184.7	191.2	181.5	178.2	181.5	181.5
50°	194.4	187.9	181.5	178.2	175.0	175.0	175.0	171.7	171.7	171.7	175.0
52.5°	187.9	181.5	171.7	168.5	165.3	165.3	165.3	165.3	162.0	165.3	168.5
55°	178.2	171.7	165.3	162.0	158.8	155.5	158.8	155.5	155.5	158.8	158.8
57.5°	165.3	158.8	152.3	152.3	149.1	149.1	152.3	149.1	149.1	152.3	152.3
60°	155.5	149.1	142.6	142.6	139.3	142.6	145.8	142.6	142.6	142.6	145.8
62.5°	142.6	139.3	132.9	132.9	132.9	132.9	136.1	132.9	136.1	136.1	136.1
65°	132.9	126.4	123.1	123.1	123.1	123.1	129.6	123.1	126.4	126.4	126.4
67.5°	123.1	116.7	113.4	113.4	113.4	113.4	119.9	113.4	116.7	119.9	116.7
70°	113.4	106.9	103.7	103.7	103.7	103.7	106.9	103.7	103.7	106.9	106.9
72.5°	100.5	97.2	94.0	94.0	90.7	94.0	97.2	94.0	94.0	94.0	94.0
75°	90.7	87.5	87.5	84.2	84.2	84.2	87.5	81.0	81.0	81.0	81.0
77.5°	84.2	77.8	77.8	77.8	74.5	77.8	74.5	68.0	68.0	68.0	68.0
80°	71.3	64.8	68.0	68.0	64.8	64.8	61.6	55.1	55.1	55.1	55.1
82.5°	58.3	51.8	55.1	55.1	55.1	55.1	48.6	45.4	42.1	38.9	38.9
85°	51.8	42.1	48.6	48.6	45.4	45.4	32.4	32.4	25.9	25.9	22.7
87.5°	9.7	6.5	13.0	16.2	16.2	19.4	13.0	16.2	9.7	6.5	6.5
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6
2.5°	2054.4	2090.0	2138.6	2174.3	2229.4	2271.5	2336.3	2391.4	2443.2	2465.9	2488.6
5°	1723.9	1746.6	1821.1	1879.4	1966.9	2060.9	2177.5	2303.9	2433.5	2491.8	2559.9
7.5°	1289.7	1331.8	1373.9	1458.2	1565.1	1717.4	1866.4	2054.4	2235.8	2323.3	2440.0
10°	1001.3	1033.7	1082.3	1169.8	1270.2	1396.6	1574.8	1798.4	2015.5	2128.9	2248.8
12.5°	803.6	849.0	913.8	1004.5	1121.2	1250.8	1380.4	1587.8	1840.5	1970.1	2106.2
15°	651.3	687.0	758.2	871.7	1007.8	1140.6	1276.7	1448.4	1723.9	1872.9	2034.9
17.5°	518.5	544.4	609.2	722.6	858.7	1007.8	1163.3	1380.4	1685.0	1866.4	2057.6
20°	421.2	440.7	482.8	567.1	696.7	858.7	1053.1	1315.6	1707.7	1941.0	2174.3
22.5°	369.4	375.9	395.3	440.7	547.6	719.4	952.7	1260.5	1749.8	2051.1	2365.5
25°	333.8	340.2	346.7	375.9	437.4	599.5	865.2	1228.1	1840.5	2213.2	2585.8
27.5°	311.1	317.6	320.8	333.8	375.9	512.0	790.6	1208.7	1963.7	2449.7	2858.0
30°	291.6	291.6	301.4	320.8	350.0	450.4	725.8	1163.3	2093.3	2647.4	3071.9
32.5°	275.4	278.7	291.6	301.4	320.8	398.6	661.0	1105.0	2209.9	2809.4	3282.5
35°	246.3	246.3	249.5	265.7	291.6	356.4	602.7	1046.6	2274.7	2968.2	3470.4
37.5°	226.8	230.1	236.5	249.5	272.2	327.3	554.1	981.8	2342.8	3117.2	3690.8
40°	213.9	217.1	223.6	236.5	259.2	301.4	512.0	930.0	2414.1	3279.2	3927.3
42.5°	204.1	207.4	213.9	226.8	246.3	294.9	466.6	887.9	2456.2	3428.3	4150.9
45°	194.4	197.7	207.4	220.3	236.5	288.4	440.7	858.7	2472.4	3528.8	4329.1
47.5°	184.7	187.9	197.7	217.1	236.5	278.7	431.0	842.5	2485.4	3642.2	4471.7
50°	175.0	181.5	194.4	213.9	239.8	265.7	424.5	839.3	2559.9	3788.0	4607.8
52.5°	168.5	178.2	191.2	213.9	236.5	246.3	421.2	849.0	2708.9	4005.1	4802.2
55°	162.0	171.7	184.7	213.9	226.8	230.1	405.0	865.2	2935.8	4306.4	5077.6
57.5°	155.5	162.0	178.2	207.4	213.9	217.1	372.6	887.9	3162.6	4601.3	5359.6
60°	145.8	152.3	168.5	207.4	194.4	204.1	330.5	894.3	3324.6	4695.3	5385.5
62.5°	136.1	142.6	158.8	213.9	178.2	191.2	294.9	871.7	3357.0	4559.2	5239.7
65°	126.4	132.9	145.8	178.2	165.3	178.2	272.2	810.1	3250.1	4248.1	4974.0
67.5°	116.7	123.1	132.9	145.8	149.1	162.0	262.5	712.9	2981.1	3862.5	4611.0
70°	103.7	110.2	119.9	129.6	132.9	152.3	246.3	618.9	2546.9	3347.3	4167.1
72.5°	94.0	97.2	106.9	113.4	119.9	139.3	236.5	541.1	1947.5	2708.9	3399.1
75°	81.0	81.0	90.7	97.2	103.7	123.1	217.1	450.4	1373.9	2067.3	2498.3
77.5°	68.0	68.0	74.5	81.0	87.5	106.9	184.7	366.2	952.7	1639.6	1811.4
80°	51.8	51.8	58.3	64.8	71.3	90.7	149.1	268.9	589.7	1198.9	1318.8
82.5°	35.6	35.6	45.4	48.6	51.8	71.3	113.4	184.7	346.7	865.2	942.9
85°	19.4	19.4	25.9	29.2	35.6	51.8	84.2	129.6	207.4	625.4	628.6
87.5°	3.2	3.2	9.7	9.7	16.2	25.9	48.6	71.3	116.7	346.7	220.3
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°	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6	2313.6
2.5°	2530.7	2566.4	2569.6	2569.6	2553.4	2556.6	2511.3	2462.7	2446.5	2443.2
5°	2663.6	2757.5	2783.5	2796.4	2754.3	2689.5	2572.8	2446.5	2381.7	2371.9
7.5°	2637.7	2825.6	2926.0	2939.0	2854.8	2702.5	2498.3	2303.9	2229.4	2209.9
10°	2485.4	2738.1	2919.6	2964.9	2874.2	2679.8	2414.1	2187.2	2096.5	2080.3
12.5°	2378.4	2621.5	2799.7	2861.2	2819.1	2650.6	2371.9	2112.7	2022.0	1999.3
15°	2320.1	2543.7	2660.3	2679.8	2676.5	2605.2	2371.9	2128.9	2028.5	2002.5
17.5°	2368.7	2521.0	2537.2	2491.8	2517.8	2553.4	2423.8	2216.4	2119.2	2096.5
20°	2465.9	2511.3	2433.5	2365.5	2378.4	2491.8	2504.8	2381.7	2303.9	2265.0
22.5°	2670.1	2546.9	2368.7	2274.7	2284.5	2443.2	2611.7	2605.2	2537.2	2517.8
25°	2877.4	2647.4	2349.3	2239.1	2252.0	2433.5	2738.1	2854.8	2819.1	2809.4
27.5°	3107.5	2815.9	2362.2	2222.9	2239.1	2446.5	2825.6	3065.4	3071.9	3062.1
30°	3263.0	2896.9	2401.1	2242.3	2265.0	2478.9	2845.0	3191.8	3250.1	3253.3
32.5°	3392.7	2977.9	2482.1	2274.7	2313.6	2537.2	2896.9	3311.6	3441.3	3444.5
35°	3496.3	3068.6	2582.6	2333.1	2391.4	2634.4	2964.9	3425.1	3619.5	3642.2
37.5°	3629.2	3169.1	2699.2	2459.4	2524.2	2773.7	3084.8	3557.9	3830.1	3891.7
40°	3771.8	3269.5	2867.7	2663.6	2757.5	2981.1	3220.9	3707.0	4008.3	4092.6
42.5°	3930.6	3376.5	3058.9	2939.0	3081.6	3243.6	3376.5	3843.1	4144.4	4241.6
45°	4086.1	3506.1	3337.6	3314.9	3473.7	3554.7	3528.8	3940.3	4274.0	4371.2
47.5°	4196.3	3694.0	3674.6	3810.7	3959.7	3917.6	3707.0	4011.6	4381.0	4487.9
50°	4296.7	3927.3	4099.1	4364.8	4455.5	4312.9	3898.2	4108.8	4494.4	4614.3
52.5°	4445.8	4176.8	4536.5	4867.0	4954.5	4727.7	4105.5	4267.6	4669.4	4776.3
55°	4750.4	4458.7	4993.4	5372.5	5388.7	5106.8	4384.2	4536.5	4915.6	5038.8
57.5°	5090.6	4805.5	5356.3	5790.5	5784.0	5485.9	4698.5	4899.4	5249.4	5333.6
60°	5398.4	5155.4	5751.6	6088.6	6072.4	5761.4	5064.7	5310.9	5631.7	5696.6
62.5°	5579.9	5473.0	5926.6	6182.6	6121.0	5852.1	5375.8	5677.1	5903.9	5926.6
65°	5550.7	5654.4	5722.5	5881.3	5793.8	5599.3	5528.1	5910.4	5933.1	5910.4
67.5°	5330.4	5550.7	5161.9	5178.1	5132.7	4967.5	5291.5	5848.8	5693.3	5638.2
70°	4996.6	5012.8	4316.2	4112.0	4183.3	3956.5	4539.7	5369.3	5129.5	5061.4
72.5°	4442.5	4241.6	3263.0	3055.7	3162.6	3000.6	3642.2	4679.1	4445.8	4225.4
75°	3726.4	3360.3	2485.4	2190.5	2245.6	2239.1	2822.4	3865.7	3444.5	3224.2
77.5°	2887.2	2618.2	1834.0	1720.6	1662.3	1675.3	1970.1	2874.2	2498.3	2222.9
80°	2109.5	1830.8	1419.3	1484.1	1451.7	1373.9	1380.4	1924.8	1736.8	1571.6
82.5°	1458.2	1302.6	1150.3	1299.4	1221.6	1101.7	1075.8	1386.9	1302.6	1202.2
85°	978.6	1072.6	913.8	994.8	861.9	793.9	1011.0	1160.0	936.5	836.0
87.5°	638.4	981.8	657.8	499.0	285.2	382.4	618.9	761.5	437.4	236.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)