

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: P598588

Luminaire Tested: **IFLD-S-SA2B-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598588
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

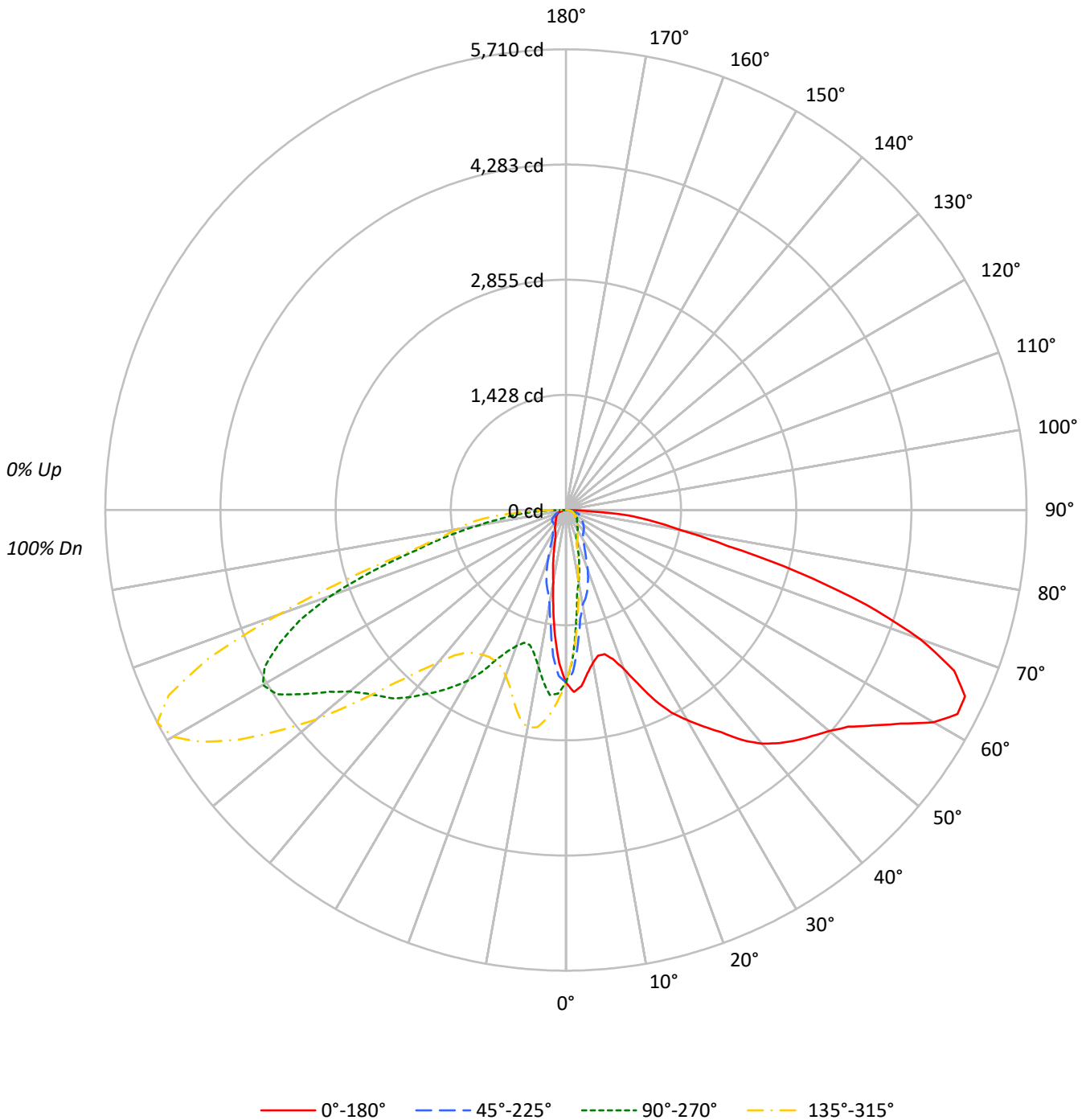
Lumens per Lamp: N/A
 Luminaire Lumens: 7153.6 lumens
 Efficiency: N/A
 Efficacy: 86.8 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	46003	46003	46003	46003
5°	47343	30786	33632	49736
10°	42002	19562	19759	42983
15°	41222	13874	13141	38555
20°	47927	8777	8845	41070
25°	61635	7535	7323	48554
30°	74696	7142	6697	60783
35°	88408	6292	6058	72048
40°	106228	5972	5550	85117
45°	122918	5922	5377	99229
50°	142737	6015	5412	117176
55°	174673	6178	5506	149290
60°	226537	6187	5800	186719
65°	278077	6250	5945	199870
70°	294253	6596	6219	194601
75°	247693	6970	6222	158827
80°	179960	8157	6310	137289
85°	190737	11831	5187	142670

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.4	2.3
10°-20°	346.1	4.8
20°-30°	498.8	7.0
30°-40°	718.1	10.0
40°-50°	1020.0	14.3
50°-60°	1466.4	20.5
60°-70°	1694.2	23.7
70°-80°	959.3	13.4
80°-90°	285.5	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°	1010.3	14.1
0°-40°	1728.3	24.2
0°-60°	4214.7	58.9
0°-90°	7153.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7153.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2137	2137	2137	2137	2137	
5°	2191	1425	1556	2302	2191	199
15°	1850	622	590	1730	1850	544
25°	2595	317	308	2044	2595	1204
35°	3364	239	230	2742	3364	2135
45°	4037	194	177	3259	4037	3126
55°	4654	165	147	3978	4654	4215
65°	5459	123	117	3924	5459	5235
75°	2978	84	75	1910	2978	3160
85°	772	48	21	578	772	769
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°	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9
2.5°	2256.6	2253.6	2235.7	2178.8	2119.0	2062.1	2008.2	1951.4	1921.4	1885.5	1870.6
5°	2190.8	2184.8	2133.9	2008.2	1897.5	1777.8	1676.0	1595.2	1529.4	1463.5	1439.6
7.5°	2041.2	2032.2	1972.3	1798.7	1637.1	1481.5	1358.8	1254.0	1167.2	1128.3	1083.4
10°	1921.4	1906.5	1828.7	1637.1	1427.6	1272.0	1191.2	1119.3	1044.5	981.7	915.8
12.5°	1846.6	1828.7	1747.8	1523.4	1319.9	1203.1	1119.3	1038.5	945.8	867.9	796.1
15°	1849.6	1828.7	1729.9	1493.5	1292.9	1143.3	1026.6	915.8	808.1	721.3	640.5
17.5°	1936.4	1909.5	1804.7	1535.4	1272.0	1065.5	909.8	766.2	643.5	550.7	484.8
20°	2092.0	2074.1	1954.4	1598.2	1251.0	981.7	790.1	616.5	487.8	416.0	389.1
22.5°	2325.5	2304.5	2175.8	1694.0	1245.0	906.8	661.4	484.8	392.1	362.1	347.2
25°	2594.8	2555.9	2436.2	1855.6	1257.0	838.0	556.7	401.0	350.2	329.2	320.2
27.5°	2828.3	2804.3	2669.7	2008.2	1263.0	784.1	484.8	365.1	326.2	308.3	302.3
30°	3004.9	2995.9	2864.2	2175.8	1248.0	718.3	440.0	350.2	326.2	308.3	290.3
32.5°	3181.4	3184.4	3043.8	2304.5	1227.1	661.4	398.1	311.3	287.3	275.3	278.3
35°	3364.0	3379.0	3259.3	2430.2	1182.2	640.5	368.1	290.3	269.4	251.4	242.4
37.5°	3594.5	3633.4	3516.6	2570.9	1137.3	622.5	353.2	275.3	254.4	239.4	227.5
40°	3780.0	3851.9	3783.0	2702.6	1107.4	601.6	341.2	260.4	245.4	227.5	218.5
42.5°	3917.7	4001.5	3977.6	2804.3	1107.4	580.6	329.2	251.4	239.4	218.5	206.5
45°	4037.4	4124.2	4121.2	2909.1	1131.3	568.6	314.3	251.4	233.4	212.5	200.5
47.5°	4145.2	4231.9	4261.9	3040.8	1170.2	562.7	296.3	245.4	233.4	209.5	191.5
50°	4261.9	4357.7	4447.4	3250.3	1218.1	547.7	284.3	236.4	236.4	206.5	185.6
52.5°	4411.5	4519.3	4683.9	3510.7	1266.0	520.8	266.4	230.5	236.4	203.5	179.6
55°	4653.9	4743.7	4959.2	3821.9	1325.9	487.8	251.4	215.5	224.5	194.5	170.6
57.5°	4926.3	5004.1	5183.7	4061.4	1343.8	445.9	230.5	200.5	215.5	185.6	158.6
60°	5261.5	5300.4	5300.4	4130.2	1284.0	407.0	215.5	188.6	194.5	176.6	149.6
62.5°	5474.0	5474.0	5300.4	4004.5	1170.2	374.1	203.5	176.6	170.6	164.6	140.7
65°	5459.0	5435.1	5177.7	3639.4	1038.5	353.2	191.5	161.6	152.6	149.6	131.7
67.5°	5207.6	5165.7	4815.6	3124.6	900.9	344.2	179.6	146.7	140.7	134.7	119.7
70°	4674.9	4567.2	4136.2	2514.0	766.2	338.2	176.6	134.7	128.7	122.7	110.7
72.5°	3902.7	3765.1	3229.3	1933.4	643.5	317.2	167.6	119.7	116.7	110.7	98.8
75°	2977.9	2723.5	2253.6	1478.5	499.8	275.3	143.7	104.8	104.8	101.8	89.8
77.5°	2053.1	1921.4	1571.3	1092.4	365.1	212.5	116.7	92.8	92.8	95.8	83.8
80°	1451.6	1328.8	1119.3	784.1	230.5	143.7	89.8	77.8	86.8	92.8	77.8
82.5°	1110.4	1020.6	832.0	571.6	134.7	98.8	68.8	62.9	74.8	80.8	65.8
85°	772.2	664.4	422.0	383.1	77.8	59.9	50.9	50.9	65.8	80.8	59.9
87.5°	218.5	92.8	26.9	113.7	32.9	23.9	18.0	12.0	18.0	18.0	12.0
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°	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9
2.5°	1855.6	1837.6	1837.6	1831.6	1834.6	1837.6	1834.6	1855.6	1864.6	1876.5	1900.5
5°	1424.6	1448.6	1430.6	1448.6	1472.5	1508.4	1517.4	1544.3	1547.3	1568.3	1556.3
7.5°	1056.5	1053.5	1038.5	1059.5	1125.3	1176.2	1200.1	1215.1	1218.1	1218.1	1203.1
10°	894.9	867.9	841.0	826.0	832.0	885.9	903.9	912.8	906.8	915.8	903.9
12.5°	766.2	742.2	703.3	676.4	658.4	673.4	691.4	700.3	706.3	721.3	733.3
15°	622.5	598.6	574.6	559.7	544.7	532.7	547.7	556.7	571.6	583.6	589.6
17.5°	472.9	460.9	448.9	457.9	457.9	451.9	457.9	460.9	466.9	475.9	472.9
20°	383.1	380.1	377.1	392.1	404.0	404.0	410.0	401.0	398.1	389.1	386.1
22.5°	341.2	341.2	344.2	356.2	368.1	374.1	374.1	359.1	344.2	338.2	341.2
25°	317.2	317.2	326.2	329.2	335.2	335.2	338.2	323.2	314.3	305.3	308.3
27.5°	299.3	299.3	302.3	302.3	305.3	305.3	308.3	302.3	290.3	287.3	287.3
30°	287.3	287.3	284.3	284.3	284.3	284.3	287.3	278.3	272.4	269.4	269.4
32.5°	275.3	272.4	269.4	269.4	266.4	266.4	269.4	260.4	257.4	257.4	257.4
35°	239.4	236.4	239.4	245.4	245.4	248.4	248.4	245.4	239.4	233.4	230.5
37.5°	224.5	221.5	221.5	221.5	227.5	230.5	233.4	227.5	218.5	209.5	209.5
40°	212.5	212.5	209.5	209.5	209.5	215.5	221.5	212.5	200.5	197.5	197.5
42.5°	203.5	200.5	197.5	194.5	191.5	200.5	206.5	194.5	188.6	188.6	188.6
45°	194.5	191.5	188.6	185.6	182.6	185.6	191.5	179.6	176.6	176.6	176.6
47.5°	185.6	182.6	176.6	173.6	170.6	170.6	176.6	167.6	164.6	167.6	167.6
50°	179.6	173.6	167.6	164.6	161.6	161.6	161.6	158.6	158.6	158.6	161.6
52.5°	173.6	167.6	158.6	155.6	152.6	152.6	152.6	152.6	149.6	152.6	155.6
55°	164.6	158.6	152.6	149.6	146.7	143.7	146.7	143.7	143.7	146.7	146.7
57.5°	152.6	146.7	140.7	140.7	137.7	137.7	140.7	137.7	137.7	140.7	140.7
60°	143.7	137.7	131.7	131.7	128.7	131.7	134.7	131.7	131.7	131.7	134.7
62.5°	131.7	128.7	122.7	122.7	122.7	122.7	125.7	122.7	125.7	125.7	125.7
65°	122.7	116.7	113.7	113.7	113.7	113.7	119.7	113.7	116.7	116.7	116.7
67.5°	113.7	107.7	104.8	104.8	104.8	104.8	110.7	104.8	107.7	110.7	107.7
70°	104.8	98.8	95.8	95.8	95.8	95.8	98.8	95.8	95.8	98.8	98.8
72.5°	92.8	89.8	86.8	86.8	83.8	86.8	89.8	86.8	86.8	86.8	86.8
75°	83.8	80.8	80.8	77.8	77.8	77.8	80.8	74.8	74.8	74.8	74.8
77.5°	77.8	71.8	71.8	71.8	68.8	71.8	68.8	62.9	62.9	62.9	62.9
80°	65.8	59.9	62.9	62.9	59.9	59.9	56.9	50.9	50.9	50.9	50.9
82.5°	53.9	47.9	50.9	50.9	50.9	50.9	44.9	41.9	38.9	35.9	35.9
85°	47.9	38.9	44.9	44.9	41.9	41.9	29.9	29.9	23.9	23.9	21.0
87.5°	9.0	6.0	12.0	15.0	15.0	18.0	12.0	15.0	9.0	6.0	6.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9
2.5°	1897.5	1930.4	1975.3	2008.2	2059.1	2098.0	2157.9	2208.8	2256.6	2277.6	2298.5
5°	1592.2	1613.2	1682.0	1735.9	1816.7	1903.5	2011.2	2127.9	2247.7	2301.5	2364.4
7.5°	1191.2	1230.1	1269.0	1346.8	1445.6	1586.2	1723.9	1897.5	2065.1	2145.9	2253.6
10°	924.8	954.7	999.6	1080.4	1173.2	1289.9	1454.5	1661.1	1861.6	1966.3	2077.1
12.5°	742.2	784.1	844.0	927.8	1035.5	1155.3	1275.0	1466.5	1700.0	1819.7	1945.4
15°	601.6	634.5	700.3	805.1	930.8	1053.5	1179.2	1337.8	1592.2	1729.9	1879.5
17.5°	478.9	502.8	562.7	667.4	793.1	930.8	1074.4	1275.0	1556.3	1723.9	1900.5
20°	389.1	407.0	445.9	523.8	643.5	793.1	972.7	1215.1	1577.3	1792.7	2008.2
22.5°	341.2	347.2	365.1	407.0	505.8	664.4	879.9	1164.2	1616.2	1894.5	2184.8
25°	308.3	314.3	320.2	347.2	404.0	553.7	799.1	1134.3	1700.0	2044.1	2388.3
27.5°	287.3	293.3	296.3	308.3	347.2	472.9	730.3	1116.3	1813.7	2262.6	2639.7
30°	269.4	269.4	278.3	296.3	323.2	416.0	670.4	1074.4	1933.4	2445.2	2837.3
32.5°	254.4	257.4	269.4	278.3	296.3	368.1	610.5	1020.6	2041.2	2594.8	3031.8
35°	227.5	227.5	230.5	245.4	269.4	329.2	556.7	966.7	2101.0	2741.5	3205.4
37.5°	209.5	212.5	218.5	230.5	251.4	302.3	511.8	906.8	2163.9	2879.2	3408.9
40°	197.5	200.5	206.5	218.5	239.4	278.3	472.9	859.0	2229.7	3028.8	3627.4
42.5°	188.6	191.5	197.5	209.5	227.5	272.4	431.0	820.1	2268.6	3166.5	3833.9
45°	179.6	182.6	191.5	203.5	218.5	266.4	407.0	793.1	2283.6	3259.3	3998.5
47.5°	170.6	173.6	182.6	200.5	218.5	257.4	398.1	778.2	2295.5	3364.0	4130.2
50°	161.6	167.6	179.6	197.5	221.5	245.4	392.1	775.2	2364.4	3498.7	4255.9
52.5°	155.6	164.6	176.6	197.5	218.5	227.5	389.1	784.1	2502.1	3699.2	4435.5
55°	149.6	158.6	170.6	197.5	209.5	212.5	374.1	799.1	2711.6	3977.6	4689.9
57.5°	143.7	149.6	164.6	191.5	197.5	200.5	344.2	820.1	2921.1	4249.9	4950.2
60°	134.7	140.7	155.6	191.5	179.6	188.6	305.3	826.0	3070.7	4336.7	4974.2
62.5°	125.7	131.7	146.7	197.5	164.6	176.6	272.4	805.1	3100.6	4211.0	4839.5
65°	116.7	122.7	134.7	164.6	152.6	164.6	251.4	748.2	3001.9	3923.7	4594.1
67.5°	107.7	113.7	122.7	134.7	137.7	149.6	242.4	658.4	2753.5	3567.5	4258.9
70°	95.8	101.8	110.7	119.7	122.7	140.7	227.5	571.6	2352.4	3091.7	3848.9
72.5°	86.8	89.8	98.8	104.8	110.7	128.7	218.5	499.8	1798.7	2502.1	3139.5
75°	74.8	74.8	83.8	89.8	95.8	113.7	200.5	416.0	1269.0	1909.5	2307.5
77.5°	62.9	62.9	68.8	74.8	80.8	98.8	170.6	338.2	879.9	1514.4	1673.0
80°	47.9	47.9	53.9	59.9	65.8	83.8	137.7	248.4	544.7	1107.4	1218.1
82.5°	32.9	32.9	41.9	44.9	47.9	65.8	104.8	170.6	320.2	799.1	870.9
85°	18.0	18.0	23.9	26.9	32.9	47.9	77.8	119.7	191.5	577.6	580.6
87.5°	3.0	3.0	9.0	9.0	15.0	23.9	44.9	65.8	107.7	320.2	203.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9	2136.9
2.5°	2337.4	2370.4	2373.4	2373.4	2358.4	2361.4	2319.5	2274.6	2259.6	2256.6
5°	2460.2	2547.0	2570.9	2570.9	2544.0	2484.1	2376.4	2259.6	2199.8	2190.8
7.5°	2436.2	2609.8	2702.6	2702.6	2636.7	2496.1	2307.5	2127.9	2059.1	2041.2
10°	2295.5	2529.0	2696.6	2696.6	2654.7	2475.1	2229.7	2020.2	1936.4	1921.4
12.5°	2196.8	2421.2	2585.9	2585.9	2603.8	2448.2	2190.8	1951.4	1867.6	1846.6
15°	2142.9	2349.4	2457.2	2457.2	2472.1	2406.3	2190.8	1966.3	1873.6	1849.6
17.5°	2187.8	2328.5	2343.4	2343.4	2325.5	2358.4	2238.7	2047.1	1957.4	1936.4
20°	2277.6	2319.5	2247.7	2247.7	2196.8	2301.5	2313.5	2199.8	2127.9	2092.0
22.5°	2466.1	2352.4	2187.8	2187.8	2110.0	2256.6	2412.3	2406.3	2343.4	2325.5
25°	2657.7	2445.2	2169.8	2169.8	2080.1	2247.7	2529.0	2636.7	2603.8	2594.8
27.5°	2870.2	2600.8	2181.8	2181.8	2068.1	2259.6	2609.8	2831.3	2837.3	2828.3
30°	3013.8	2675.6	2217.7	2217.7	2092.0	2289.6	2627.8	2948.0	3001.9	3004.9
32.5°	3133.6	2750.5	2292.6	2292.6	2136.9	2343.4	2675.6	3058.7	3178.5	3181.4
35°	3229.3	2834.3	2385.3	2385.3	2208.8	2433.2	2738.5	3163.5	3343.1	3364.0
37.5°	3352.0	2927.0	2493.1	2493.1	2331.5	2561.9	2849.2	3286.2	3537.6	3594.5
40°	3483.7	3019.8	2648.7	2648.7	2547.0	2753.5	2974.9	3423.9	3702.2	3780.0
42.5°	3630.4	3118.6	2825.3	2825.3	2846.2	2995.9	3118.6	3549.6	3827.9	3917.7
45°	3774.0	3238.3	3082.7	3082.7	3208.4	3283.2	3259.3	3639.4	3947.6	4037.4
47.5°	3875.8	3411.9	3393.9	3393.9	3657.3	3618.4	3423.9	3705.2	4046.4	4145.2
50°	3968.6	3627.4	3786.0	3786.0	4115.2	3983.5	3600.4	3795.0	4151.1	4261.9
52.5°	4106.2	3857.8	4190.0	4190.0	4576.1	4366.6	3792.0	3941.6	4312.8	4411.5
55°	4387.6	4118.2	4612.0	4612.0	4977.2	4716.8	4049.4	4190.0	4540.2	4653.9
57.5°	4701.8	4438.5	4947.3	4947.3	5342.3	5067.0	4339.7	4525.3	4848.5	4926.3
60°	4986.2	4761.7	5312.4	5312.4	5608.7	5321.4	4677.9	4905.3	5201.6	5261.5
62.5°	5153.8	5055.0	5474.0	5474.0	5710.4	5653.6	5405.2	4965.2	5243.5	5453.0
65°	5126.8	5222.6	5285.4	5285.4	5432.1	5351.3	5171.7	5105.9	5459.0	5480.0
67.5°	4923.3	5126.8	4767.7	4767.7	4782.6	4740.7	4588.1	4887.4	5402.2	5258.5
70°	4615.0	4630.0	3986.5	3986.5	3798.0	3863.8	3654.3	4193.0	4959.2	4737.7
72.5°	4103.3	3917.7	3013.8	3013.8	2822.3	2921.1	2771.4	3364.0	4321.7	4106.2
75°	3441.8	3103.6	2295.5	2295.5	2023.2	2074.1	2068.1	2606.8	3570.5	3181.4
77.5°	2666.7	2418.3	1694.0	1694.0	1589.2	1535.4	1547.3	1819.7	2654.7	2307.5
80°	1948.4	1691.0	1310.9	1310.9	1370.7	1340.8	1269.0	1275.0	1777.8	1604.2
82.5°	1346.8	1203.1	1062.5	1062.5	1200.1	1128.3	1017.6	993.6	1281.0	1203.1
85°	903.9	990.6	844.0	844.0	918.8	796.1	733.3	933.8	1071.5	864.9
87.5°	589.6	906.8	607.6	607.6	460.9	263.4	353.2	571.6	703.3	404.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)