

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: P598665

Luminaire Tested: **IFLD-L-SA7A-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598665
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

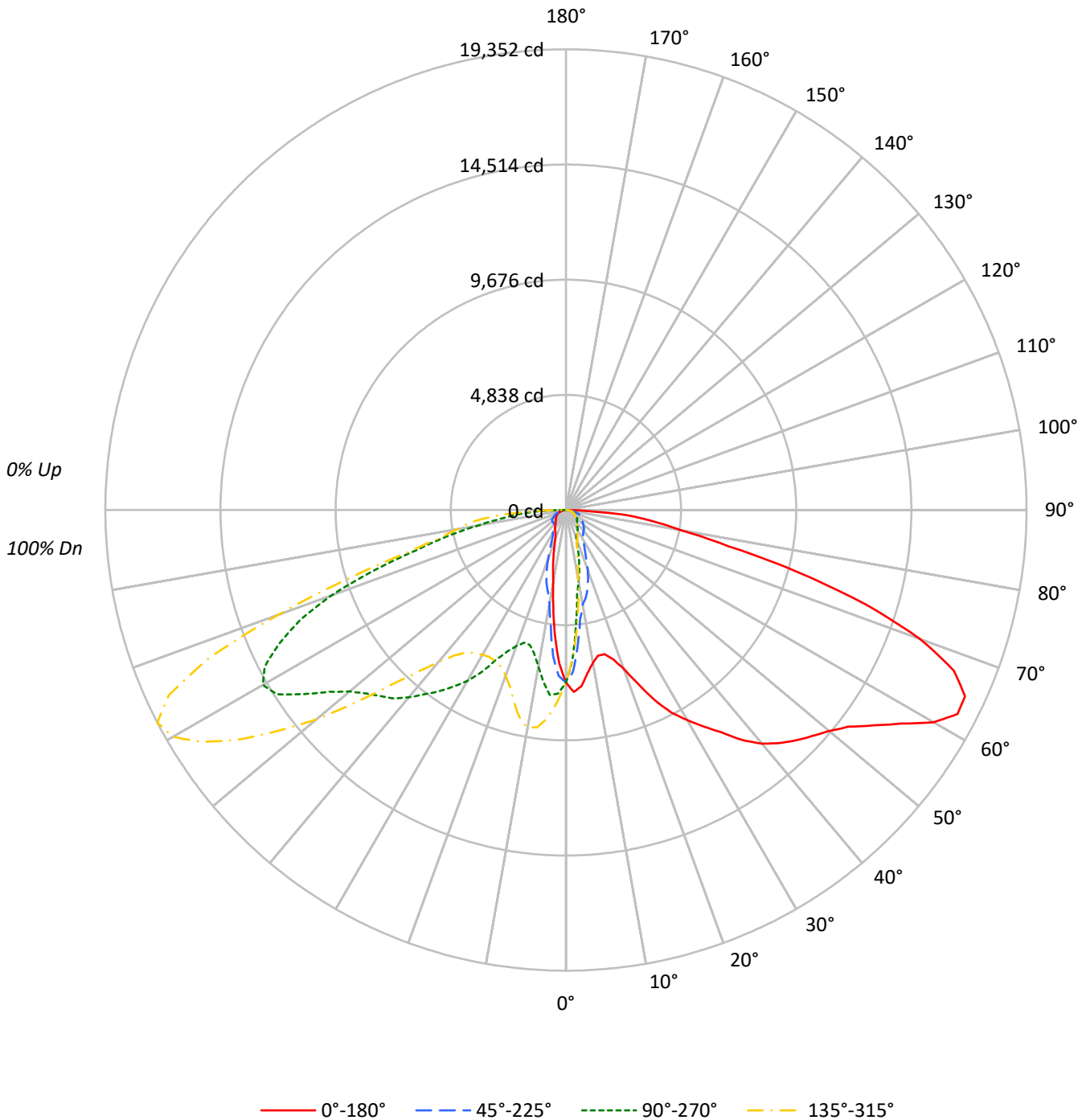
Lumens per Lamp: N/A
 Luminaire Lumens: 24243.4 lumens
 Efficiency: N/A
 Efficacy: 111.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	100	100	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	38976	38976	38976	38976
5°	40111	26083	28494	42139
10°	35586	16574	16740	36418
15°	34925	11755	11133	32665
20°	40606	7436	7494	34797
25°	52221	6384	6204	41138
30°	63285	6051	5673	51498
35°	74903	5331	5131	61042
40°	90001	5059	4703	72115
45°	104142	5018	4555	84070
50°	120931	5096	4586	99276
55°	147991	5235	4663	126483
60°	191931	5241	4913	158196
65°	235599	5296	5038	169337
70°	249302	5586	5267	164872
75°	209858	5906	5273	134562
80°	152466	6915	5343	116312
85°	161590	10022	4384	120884

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	560.5	2.3
10°-20°	1173.0	4.8
20°-30°	1690.4	7.0
30°-40°	2433.5	10.0
40°-50°	3456.6	14.3
50°-60°	4969.6	20.5
60°-70°	5741.5	23.7
70°-80°	3250.9	13.4
80°-90°	967.5	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°	3423.8	14.1
0°-40°	5857.3	24.2
0°-60°	14283.5	58.9
0°-90°	24243.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24243.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7242	7242	7242	7242	7242	
5°	7424	4828	5274	7800	7424	674
15°	6268	2110	1998	5862	6268	1843
25°	8794	1075	1045	6928	8794	4082
35°	11400	811	781	9291	11400	7235
45°	13683	659	598	11046	13683	10595
55°	15772	558	497	13480	15772	14284
65°	18500	416	396	13297	18500	17741
75°	10092	284	254	6471	10092	10708
85°	2617	162	71	1958	2617	2606
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°	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9
2.5°	7647.7	7637.5	7576.7	7383.9	7181.1	6988.4	6805.8	6613.1	6511.7	6390.0	6339.2
5°	7424.5	7404.2	7231.8	6805.8	6430.5	6024.8	5680.0	5406.1	5183.0	4959.8	4878.7
7.5°	6917.4	6887.0	6684.1	6095.8	5548.1	5020.7	4604.8	4249.8	3955.7	3823.8	3671.7
10°	6511.7	6461.0	6197.2	5548.1	4838.1	4310.7	4036.8	3793.4	3539.8	3326.8	3103.7
12.5°	6258.1	6197.2	5923.4	5162.7	4473.0	4077.4	3793.4	3519.5	3205.1	2941.4	2698.0
15°	6268.2	6197.2	5862.5	5061.3	4381.7	3874.5	3479.0	3103.7	2738.6	2444.4	2170.6
17.5°	6562.4	6471.1	6116.1	5203.2	4310.7	3610.8	3083.4	2596.6	2180.7	1866.3	1643.1
20°	7089.8	7029.0	6623.2	5416.2	4239.7	3326.8	2677.7	2089.4	1653.3	1409.8	1318.6
22.5°	7880.9	7809.9	7373.8	5740.8	4219.4	3073.3	2241.6	1643.1	1328.7	1227.3	1176.6
25°	8793.8	8661.9	8256.2	6288.5	4260.0	2840.0	1886.6	1359.1	1186.7	1115.7	1085.3
27.5°	9584.9	9503.8	9047.4	6805.8	4280.3	2657.4	1643.1	1237.4	1105.6	1044.7	1024.4
30°	10183.4	10152.9	9706.6	7373.8	4229.5	2434.3	1491.0	1186.7	1105.6	1044.7	983.9
32.5°	10781.8	10791.9	10315.2	7809.9	4158.5	2241.6	1349.0	1054.8	973.7	933.1	943.3
35°	11400.5	11451.2	11045.5	8235.9	4006.4	2170.6	1247.6	983.9	912.9	852.0	821.6
37.5°	12181.5	12313.3	11917.8	8712.7	3854.3	2109.7	1196.8	933.1	862.1	811.4	770.9
40°	12810.3	13053.8	12820.5	9158.9	3752.8	2038.7	1156.3	882.4	831.7	770.9	740.4
42.5°	13276.9	13560.9	13479.8	9503.8	3752.8	1967.7	1115.7	852.0	811.4	740.4	699.9
45°	13682.6	13976.8	13966.6	9858.8	3834.0	1927.1	1065.0	852.0	791.1	720.1	679.6
47.5°	14047.8	14341.9	14443.3	10305.1	3965.8	1906.8	1004.1	831.7	791.1	710.0	649.1
50°	14443.3	14767.9	15072.2	11015.1	4128.1	1856.1	963.6	801.3	801.3	699.9	628.9
52.5°	14950.5	15315.6	15873.5	11897.5	4290.4	1764.8	902.7	781.0	801.3	689.7	608.6
55°	15772.0	16076.3	16806.6	12952.3	4493.3	1653.3	852.0	730.3	760.7	659.3	578.1
57.5°	16695.0	16958.7	17567.3	13763.8	4554.1	1511.3	781.0	679.6	730.3	628.9	537.6
60°	17831.0	17962.9	17962.9	13997.0	4351.3	1379.4	730.3	639.0	659.3	598.4	507.1
62.5°	18551.2	18551.2	17962.9	13571.0	3965.8	1267.8	689.7	598.4	578.1	557.9	476.7
65°	18500.4	18419.3	17547.0	12333.6	3519.5	1196.8	649.1	547.7	517.3	507.1	446.3
67.5°	17648.4	17506.4	16319.7	10589.1	3053.0	1166.4	608.6	497.0	476.7	456.4	405.7
70°	15843.0	15477.9	14017.3	8519.9	2596.6	1146.1	598.4	456.4	436.1	415.9	375.3
72.5°	13226.2	12759.6	10944.1	6552.2	2180.7	1075.1	568.0	405.7	395.6	375.3	334.7
75°	10092.1	9229.9	7637.5	5010.5	1693.8	933.1	486.9	355.0	355.0	344.9	304.3
77.5°	6958.0	6511.7	5325.0	3702.1	1237.4	720.1	395.6	314.4	314.4	324.6	284.0
80°	4919.3	4503.4	3793.4	2657.4	781.0	486.9	304.3	263.7	294.1	314.4	263.7
82.5°	3763.0	3458.7	2819.7	1937.3	456.4	334.7	233.3	213.0	253.6	273.9	223.1
85°	2616.8	2251.7	1430.1	1298.3	263.7	202.9	172.4	172.4	223.1	273.9	202.9
87.5°	740.4	314.4	91.3	385.4	111.6	81.1	60.9	40.6	60.9	60.9	40.6
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°	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9
2.5°	6288.5	6227.7	6227.7	6207.4	6217.5	6227.7	6217.5	6288.5	6319.0	6359.5	6440.7
5°	4828.0	4909.1	4848.3	4909.1	4990.3	5112.0	5142.4	5233.7	5243.8	5314.8	5274.2
7.5°	3580.4	3570.3	3519.5	3590.5	3813.7	3986.1	4067.3	4118.0	4128.1	4128.1	4077.4
10°	3032.7	2941.4	2850.1	2799.4	2819.7	3002.3	3063.1	3093.5	3073.3	3103.7	3063.1
12.5°	2596.6	2515.4	2383.6	2292.3	2231.4	2282.1	2343.0	2373.4	2393.7	2444.4	2485.0
15°	2109.7	2028.6	1947.4	1896.7	1846.0	1805.4	1856.1	1886.6	1937.3	1977.8	1998.1
17.5°	1602.6	1562.0	1521.4	1551.8	1551.8	1531.6	1551.8	1562.0	1582.3	1612.7	1602.6
20°	1298.3	1288.1	1278.0	1328.7	1369.3	1369.3	1389.6	1359.1	1349.0	1318.6	1308.4
22.5°	1156.3	1156.3	1166.4	1207.0	1247.6	1267.8	1267.8	1217.1	1166.4	1146.1	1156.3
25°	1075.1	1075.1	1105.6	1115.7	1136.0	1136.0	1146.1	1095.4	1065.0	1034.6	1044.7
27.5°	1014.3	1014.3	1024.4	1024.4	1034.6	1034.6	1044.7	1024.4	983.9	973.7	973.7
30°	973.7	973.7	963.6	963.6	963.6	963.6	973.7	943.3	923.0	912.9	912.9
32.5°	933.1	923.0	912.9	912.9	902.7	902.7	912.9	882.4	872.3	872.3	872.3
35°	811.4	801.3	811.4	831.7	831.7	841.9	841.9	831.7	811.4	791.1	781.0
37.5°	760.7	750.6	750.6	750.6	770.9	781.0	791.1	770.9	740.4	710.0	710.0
40°	720.1	720.1	710.0	710.0	710.0	730.3	750.6	720.1	679.6	669.4	669.4
42.5°	689.7	679.6	669.4	659.3	649.1	679.6	699.9	659.3	639.0	639.0	639.0
45°	659.3	649.1	639.0	628.9	618.7	628.9	649.1	608.6	598.4	598.4	598.4
47.5°	628.9	618.7	598.4	588.3	578.1	578.1	598.4	568.0	557.9	568.0	568.0
50°	608.6	588.3	568.0	557.9	547.7	547.7	547.7	537.6	537.6	537.6	547.7
52.5°	588.3	568.0	537.6	527.4	517.3	517.3	517.3	517.3	507.1	517.3	527.4
55°	557.9	537.6	517.3	507.1	497.0	486.9	497.0	486.9	486.9	497.0	497.0
57.5°	517.3	497.0	476.7	476.7	466.6	466.6	476.7	466.6	466.6	476.7	476.7
60°	486.9	466.6	446.3	446.3	436.1	446.3	456.4	446.3	446.3	446.3	456.4
62.5°	446.3	436.1	415.9	415.9	415.9	415.9	426.0	415.9	426.0	426.0	426.0
65°	415.9	395.6	385.4	385.4	385.4	385.4	405.7	385.4	395.6	395.6	395.6
67.5°	385.4	365.1	355.0	355.0	355.0	355.0	375.3	355.0	365.1	375.3	365.1
70°	355.0	334.7	324.6	324.6	324.6	324.6	334.7	324.6	324.6	334.7	334.7
72.5°	314.4	304.3	294.1	294.1	284.0	294.1	304.3	294.1	294.1	294.1	294.1
75°	284.0	273.9	273.9	263.7	263.7	263.7	273.9	253.6	253.6	253.6	253.6
77.5°	263.7	243.4	243.4	243.4	233.3	243.4	233.3	213.0	213.0	213.0	213.0
80°	223.1	202.9	213.0	213.0	202.9	202.9	192.7	172.4	172.4	172.4	172.4
82.5°	182.6	162.3	172.4	172.4	172.4	172.4	152.1	142.0	131.9	121.7	121.7
85°	162.3	131.9	152.1	152.1	142.0	142.0	101.4	101.4	81.1	81.1	71.0
87.5°	30.4	20.3	40.6	50.7	50.7	60.9	40.6	50.7	30.4	20.3	20.3
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°	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9
2.5°	6430.5	6542.1	6694.2	6805.8	6978.2	7110.1	7312.9	7485.4	7647.7	7718.7	7789.7
5°	5396.0	5467.0	5700.2	5882.8	6156.7	6450.8	6816.0	7211.5	7617.2	7799.8	8012.8
7.5°	4036.8	4168.7	4300.5	4564.3	4899.0	5375.7	5842.2	6430.5	6998.5	7272.4	7637.5
10°	3134.1	3235.5	3387.7	3661.5	3976.0	4371.5	4929.4	5629.2	6308.8	6663.8	7039.1
12.5°	2515.4	2657.4	2860.3	3144.3	3509.4	3915.1	4320.8	4970.0	5761.1	6166.8	6592.8
15°	2038.7	2150.3	2373.4	2728.4	3154.4	3570.3	3996.3	4533.8	5396.0	5862.5	6369.7
17.5°	1622.8	1704.0	1906.8	2261.8	2687.8	3154.4	3641.3	4320.8	5274.2	5842.2	6440.7
20°	1318.6	1379.4	1511.3	1775.0	2180.7	2687.8	3296.4	4118.0	5345.2	6075.5	6805.8
22.5°	1156.3	1176.6	1237.4	1379.4	1714.1	2251.7	2982.0	3945.5	5477.1	6420.4	7404.2
25°	1044.7	1065.0	1085.3	1176.6	1369.3	1876.4	2708.1	3844.1	5761.1	6927.5	8093.9
27.5°	973.7	994.0	1004.1	1044.7	1176.6	1602.6	2474.8	3783.3	6146.5	7667.9	8945.9
30°	912.9	912.9	943.3	1004.1	1095.4	1409.8	2272.0	3641.3	6552.2	8286.7	9615.4
32.5°	862.1	872.3	912.9	943.3	1004.1	1247.6	2069.1	3458.7	6917.4	8793.8	10274.6
35°	770.9	770.9	781.0	831.7	912.9	1115.7	1886.6	3276.1	7120.2	9290.8	10862.9
37.5°	710.0	720.1	740.4	781.0	852.0	1024.4	1734.4	3073.3	7333.2	9757.4	11552.6
40°	669.4	679.6	699.9	740.4	811.4	943.3	1602.6	2911.0	7556.4	10264.5	12293.1
42.5°	639.0	649.1	669.4	710.0	770.9	923.0	1460.6	2779.1	7688.2	10731.1	12992.9
45°	608.6	618.7	649.1	689.7	740.4	902.7	1379.4	2687.8	7738.9	11045.5	13550.8
47.5°	578.1	588.3	618.7	679.6	740.4	872.3	1349.0	2637.1	7779.5	11400.5	13997.0
50°	547.7	568.0	608.6	669.4	750.6	831.7	1328.7	2627.0	8012.8	11856.9	14423.0
52.5°	527.4	557.9	598.4	669.4	740.4	770.9	1318.6	2657.4	8479.4	12536.5	15031.6
55°	507.1	537.6	578.1	669.4	710.0	720.1	1267.8	2708.1	9189.4	13479.8	15893.7
57.5°	486.9	507.1	557.9	649.1	669.4	679.6	1166.4	2779.1	9899.4	14402.8	16776.2
60°	456.4	476.7	527.4	649.1	608.6	639.0	1034.6	2799.4	10406.5	14696.9	16857.3
62.5°	426.0	446.3	497.0	669.4	557.9	598.4	923.0	2728.4	10507.9	14270.9	16400.9
65°	395.6	415.9	456.4	557.9	517.3	557.9	852.0	2535.7	10173.2	13297.2	15569.2
67.5°	365.1	385.4	415.9	456.4	466.6	507.1	821.6	2231.4	9331.4	12090.2	14433.2
70°	324.6	344.9	375.3	405.7	415.9	476.7	770.9	1937.3	7972.2	10477.5	13043.6
72.5°	294.1	304.3	334.7	355.0	375.3	436.1	740.4	1693.8	6095.8	8479.4	10639.8
75°	253.6	253.6	284.0	304.3	324.6	385.4	679.6	1409.8	4300.5	6471.1	7820.1
77.5°	213.0	213.0	233.3	253.6	273.9	334.7	578.1	1146.1	2982.0	5132.2	5669.8
80°	162.3	162.3	182.6	202.9	223.1	284.0	466.6	841.9	1846.0	3752.8	4128.1
82.5°	111.6	111.6	142.0	152.1	162.3	223.1	355.0	578.1	1085.3	2708.1	2951.6
85°	60.9	60.9	81.1	91.3	111.6	162.3	263.7	405.7	649.1	1957.6	1967.7
87.5°	10.1	10.1	30.4	30.4	50.7	81.1	152.1	223.1	365.1	1085.3	689.7
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9	7241.9
2.5°	7921.5	8033.1	8043.2	8043.2	7992.5	8002.7	7860.7	7708.5	7657.8	7647.7
5°	8337.4	8631.5	8712.7	8753.2	8621.4	8418.5	8053.4	7657.8	7454.9	7424.5
7.5°	8256.2	8844.5	9158.9	9199.5	8935.8	8459.1	7820.1	7211.5	6978.2	6917.4
10°	7779.5	8570.7	9138.7	9280.6	8996.7	8388.1	7556.4	6846.4	6562.4	6511.7
12.5°	7444.8	8205.5	8763.4	8956.1	8824.2	8296.8	7424.5	6613.1	6329.1	6258.1
15°	7262.2	7962.1	8327.2	8388.1	8377.9	8154.8	7424.5	6663.8	6349.4	6268.2
17.5°	7414.4	7891.1	7941.8	7799.8	7880.9	7992.5	7586.8	6937.7	6633.4	6562.4
20°	7718.7	7860.7	7617.2	7404.2	7444.8	7799.8	7840.4	7454.9	7211.5	7089.8
22.5°	8357.7	7972.2	7414.4	7120.2	7150.7	7647.7	8175.1	8154.8	7941.8	7880.9
25°	9006.8	8286.7	7353.5	7008.7	7049.2	7617.2	8570.7	8935.8	8824.2	8793.8
27.5°	9726.9	8814.1	7394.1	6958.0	7008.7	7657.8	8844.5	9595.1	9615.4	9584.9
30°	10213.8	9067.7	7515.8	7018.8	7089.8	7759.2	8905.4	9990.6	10173.2	10183.4
32.5°	10619.5	9321.2	7769.4	7120.2	7241.9	7941.8	9067.7	10365.9	10771.6	10781.8
35°	10944.1	9605.2	8083.8	7302.8	7485.4	8246.1	9280.6	10720.9	11329.5	11400.5
37.5°	11359.9	9919.6	8448.9	7698.4	7901.2	8682.2	9655.9	11136.8	11988.8	12181.5
40°	11806.2	10234.1	8976.4	8337.4	8631.5	9331.4	10081.9	11603.3	12546.6	12810.3
42.5°	12303.2	10568.8	9574.8	9199.5	9645.8	10152.9	10568.8	12029.3	12972.6	13276.9
45°	12790.1	10974.5	10447.1	10376.1	10873.1	11126.6	11045.5	12333.6	13378.3	13682.6
47.5°	13134.9	11562.8	11501.9	11927.9	12394.5	12262.6	11603.3	12556.8	13713.0	14047.8
50°	13449.3	12293.1	12830.6	13662.3	13946.3	13500.0	12201.8	12861.1	14068.0	14443.3
52.5°	13915.9	13074.1	14199.9	15234.5	15508.3	14798.3	12850.9	13358.0	14615.8	14950.5
55°	14869.3	13956.5	15630.0	16816.7	16867.5	15985.0	13723.2	14199.9	15386.6	15772.0
57.5°	15934.3	15041.8	16766.0	18125.2	18104.9	17171.7	14707.0	15335.9	16431.3	16695.0
60°	16897.9	16137.2	18003.4	19058.3	19007.6	18033.9	15853.2	16624.0	17628.2	17831.0
62.5°	17465.9	17131.2	18551.2	19352.4	19159.7	18317.9	16826.9	17770.2	18480.2	18551.2
65°	17374.6	17699.2	17912.2	18409.2	18135.3	17526.7	17303.6	18500.4	18571.4	18500.4
67.5°	16684.9	17374.6	16157.5	16208.2	16066.2	15548.9	16563.2	18307.7	17820.9	17648.4
70°	15640.2	15690.9	13510.2	12871.2	13094.3	12384.3	14210.0	16806.6	16056.0	15843.0
72.5°	13905.8	13276.9	10213.8	9564.6	9899.4	9392.2	11400.5	14646.2	13915.9	13226.2
75°	11664.2	10518.1	7779.5	6856.5	7029.0	7008.7	8834.4	12100.3	10781.8	10092.1
77.5°	9037.2	8195.4	5740.8	5385.8	5203.2	5243.8	6166.8	8996.7	7820.1	6958.0
80°	6603.0	5730.7	4442.5	4645.4	4544.0	4300.5	4320.8	6024.8	5436.5	4919.3
82.5°	4564.3	4077.4	3600.7	4067.3	3823.8	3448.5	3367.4	4341.1	4077.4	3763.0
85°	3063.1	3357.3	2860.3	3113.8	2698.0	2485.0	3164.5	3631.1	2931.3	2616.8
87.5°	1998.1	3073.3	2059.0	1562.0	892.6	1196.8	1937.3	2383.6	1369.3	740.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)