

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: P598721

Luminaire Tested: **IFLD-M-SA4D-740-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598721
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-740-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

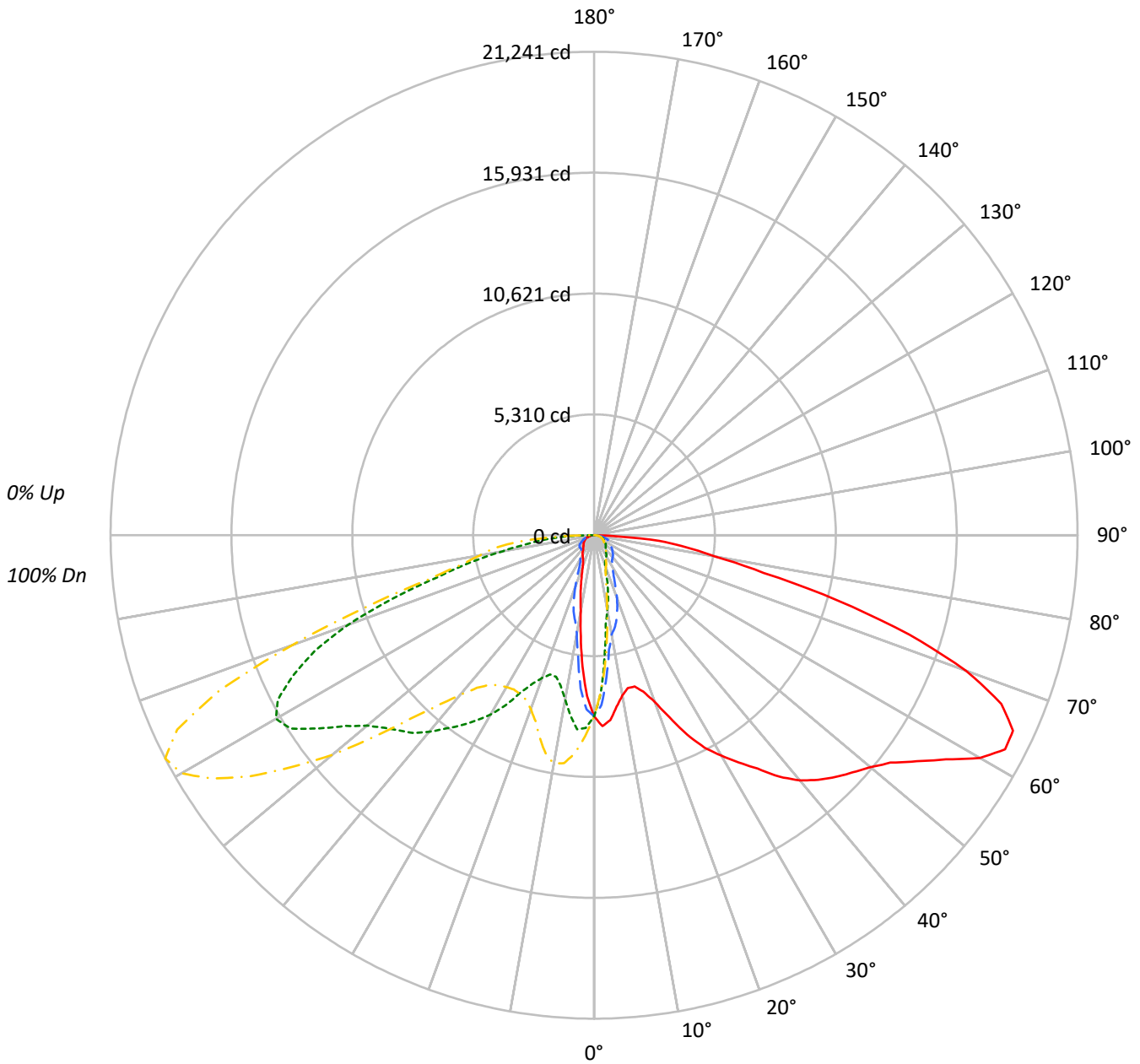
Lumens per Lamp: N/A
 Luminaire Lumens: 26609.4 lumens
 Efficiency: N/A
 Efficacy: 106.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 249.7
 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	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°	85559	85559	85559	85559
5°	88051	57258	62550	92502
10°	78119	36383	36748	79944
15°	76668	25804	24439	71706
20°	89137	16323	16450	76386
25°	114634	14016	13619	90305
30°	138923	13283	12453	113048
35°	164426	11703	11264	133998
40°	197570	11106	10325	158306
45°	228611	11015	9998	184550
50°	265468	11186	10068	217930
55°	324869	11491	10237	277653
60°	421325	11504	10785	347270
65°	517186	11624	11059	371726
70°	547266	12261	11563	361923
75°	460677	12963	11574	295387
80°	334686	15181	11734	255330
85°	354723	21996	9621	265357

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	615.2	2.3
10°-20°	1287.4	4.8
20°-30°	1855.4	7.0
30°-40°	2671.0	10.0
40°-50°	3793.9	14.3
50°-60°	5454.6	20.5
60°-70°	6301.8	23.7
70°-80°	3568.2	13.4
80°-90°	1061.9	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°	3758.0	14.1
0°-40°	6428.9	24.2
0°-60°	15677.4	58.9
0°-90°	26609.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26609.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7949	7949	7949	7949	7949	
5°	8149	5299	5789	8561	8149	739
15°	6880	2316	2193	6435	6880	2023
25°	9652	1180	1147	7604	9652	4480
35°	12513	891	857	10198	12513	7942
45°	15018	724	657	12124	15018	11629
55°	17311	612	546	14795	17311	15678
65°	20306	456	434	14595	20306	19472
75°	11077	312	278	7103	11077	11753
85°	2872	178	78	2149	2872	2860
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°	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7
2.5°	8394.0	8382.9	8316.1	8104.6	7881.9	7670.4	7470.0	7258.5	7147.2	7013.6	6957.9
5°	8149.1	8126.8	7937.6	7470.0	7058.1	6612.8	6234.3	5933.7	5688.8	5443.9	5354.8
7.5°	7592.5	7559.1	7336.4	6690.7	6089.6	5510.7	5054.2	4664.6	4341.7	4197.0	4030.0
10°	7147.2	7091.5	6802.1	6089.6	5310.3	4731.4	4430.8	4163.6	3885.3	3651.5	3406.6
12.5°	6868.9	6802.1	6501.5	5666.5	4909.5	4475.3	4163.6	3863.0	3517.9	3228.5	2961.3
15°	6880.0	6802.1	6434.7	5555.2	4809.3	4252.7	3818.5	3406.6	3005.8	2683.0	2382.4
17.5°	7202.8	7102.6	6713.0	5711.1	4731.4	3963.2	3384.3	2850.0	2393.5	2048.4	1803.5
20°	7781.7	7714.9	7269.6	5944.8	4653.5	3651.5	2939.0	2293.3	1814.6	1547.4	1447.2
22.5°	8650.1	8572.2	8093.5	6301.1	4631.2	3373.2	2460.3	1803.5	1458.4	1347.1	1291.4
25°	9652.0	9507.3	9062.0	6902.3	4675.7	3117.1	2070.7	1491.8	1302.5	1224.6	1191.2
27.5°	10520.4	10431.3	9930.3	7470.0	4698.0	2916.8	1803.5	1358.2	1213.5	1146.7	1124.4
30°	11177.2	11143.8	10654.0	8093.5	4642.3	2671.8	1636.5	1302.5	1213.5	1146.7	1079.9
32.5°	11834.0	11845.2	11321.9	8572.2	4564.4	2460.3	1480.6	1157.8	1068.7	1024.2	1035.3
35°	12513.1	12568.8	12123.5	9039.7	4397.4	2382.4	1369.3	1079.9	1001.9	935.1	901.7
37.5°	13370.3	13515.1	13080.9	9563.0	4230.4	2315.6	1313.7	1024.2	946.3	890.6	846.1
40°	14060.6	14327.7	14071.7	10052.8	4119.1	2237.7	1269.1	968.5	912.9	846.1	812.7
42.5°	14572.7	14884.4	14795.3	10431.3	4119.1	2159.7	1224.6	935.1	890.6	812.7	768.2
45°	15018.0	15340.8	15329.7	10821.0	4208.1	2115.2	1168.9	935.1	868.3	790.4	745.9
47.5°	15418.7	15741.6	15852.9	11310.8	4352.9	2092.9	1102.1	912.9	868.3	779.3	712.5
50°	15852.9	16209.2	16543.1	12090.1	4531.0	2037.3	1057.6	879.5	879.5	768.2	690.2
52.5°	16409.6	16810.3	17422.6	13058.6	4709.1	1937.1	990.8	857.2	879.5	757.0	668.0
55°	17311.3	17645.3	18446.8	14216.4	4931.8	1814.6	935.1	801.6	835.0	723.6	634.6
57.5°	18324.4	18613.8	19281.8	15107.0	4998.6	1658.8	857.2	745.9	801.6	690.2	590.0
60°	19571.2	19716.0	19716.0	15363.1	4775.9	1514.0	801.6	701.4	723.6	656.8	556.6
62.5°	20361.7	20361.7	19716.0	14895.5	4352.9	1391.6	757.0	656.8	634.6	612.3	523.2
65°	20306.0	20216.9	19259.5	13537.3	3863.0	1313.7	712.5	601.2	567.8	556.6	489.8
67.5°	19370.8	19215.0	17912.5	11622.5	3350.9	1280.3	668.0	545.5	523.2	501.0	445.3
70°	17389.2	16988.5	15385.3	9351.4	2850.0	1258.0	656.8	501.0	478.7	456.4	411.9
72.5°	14517.0	14004.9	12012.2	7191.7	2393.5	1180.1	623.4	445.3	434.2	411.9	367.4
75°	11077.0	10130.7	8382.9	5499.5	1859.2	1024.2	534.4	389.6	389.6	378.5	334.0
77.5°	7637.0	7147.2	5844.7	4063.4	1358.2	790.4	434.2	345.1	345.1	356.2	311.7
80°	5399.3	4942.9	4163.6	2916.8	857.2	534.4	334.0	289.4	322.8	345.1	289.4
82.5°	4130.2	3796.2	3094.9	2126.3	501.0	367.4	256.1	233.8	278.3	300.6	244.9
85°	2872.2	2471.5	1569.7	1425.0	289.4	222.7	189.3	189.3	244.9	300.6	222.7
87.5°	812.7	345.1	100.2	423.0	122.5	89.1	66.8	44.5	66.8	66.8	44.5
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°	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7
2.5°	6902.3	6835.5	6835.5	6813.2	6824.3	6835.5	6824.3	6902.3	6935.7	6980.2	7069.2
5°	5299.2	5388.2	5321.4	5388.2	5477.3	5610.9	5644.3	5744.5	5755.6	5833.5	5789.0
7.5°	3929.8	3918.7	3863.0	3941.0	4185.9	4375.1	4464.2	4519.9	4531.0	4531.0	4475.3
10°	3328.7	3228.5	3128.3	3072.6	3094.9	3295.3	3362.1	3395.5	3373.2	3406.6	3362.1
12.5°	2850.0	2760.9	2616.2	2516.0	2449.2	2504.9	2571.6	2605.0	2627.3	2683.0	2727.5
15°	2315.6	2226.5	2137.5	2081.8	2026.1	1981.6	2037.3	2070.7	2126.3	2170.9	2193.1
17.5°	1759.0	1714.4	1669.9	1703.3	1703.3	1681.0	1703.3	1714.4	1736.7	1770.1	1759.0
20°	1425.0	1413.8	1402.7	1458.4	1502.9	1502.9	1525.2	1491.8	1480.6	1447.2	1436.1
22.5°	1269.1	1269.1	1280.3	1324.8	1369.3	1391.6	1391.6	1335.9	1280.3	1258.0	1269.1
25°	1180.1	1180.1	1213.5	1224.6	1246.9	1246.9	1258.0	1202.3	1168.9	1135.5	1146.7
27.5°	1113.3	1113.3	1124.4	1124.4	1135.5	1135.5	1146.7	1124.4	1079.9	1068.7	1068.7
30°	1068.7	1068.7	1057.6	1057.6	1057.6	1057.6	1068.7	1035.3	1013.1	1001.9	1001.9
32.5°	1024.2	1013.1	1001.9	1001.9	990.8	990.8	1001.9	968.5	957.4	957.4	957.4
35°	890.6	879.5	890.6	912.9	912.9	924.0	924.0	912.9	890.6	868.3	857.2
37.5°	835.0	823.8	823.8	823.8	846.1	857.2	868.3	846.1	812.7	779.3	779.3
40°	790.4	790.4	779.3	779.3	779.3	801.6	823.8	790.4	745.9	734.8	734.8
42.5°	757.0	745.9	734.8	723.6	712.5	745.9	768.2	723.6	701.4	701.4	701.4
45°	723.6	712.5	701.4	690.2	679.1	690.2	712.5	668.0	656.8	656.8	656.8
47.5°	690.2	679.1	656.8	645.7	634.6	634.6	656.8	623.4	612.3	623.4	623.4
50°	668.0	645.7	623.4	612.3	601.2	601.2	601.2	590.0	590.0	590.0	601.2
52.5°	645.7	623.4	590.0	578.9	567.8	567.8	567.8	567.8	556.6	567.8	578.9
55°	612.3	590.0	567.8	556.6	545.5	534.4	545.5	534.4	534.4	545.5	545.5
57.5°	567.8	545.5	523.2	523.2	512.1	512.1	523.2	512.1	512.1	523.2	523.2
60°	534.4	512.1	489.8	489.8	478.7	489.8	501.0	489.8	489.8	489.8	501.0
62.5°	489.8	478.7	456.4	456.4	456.4	456.4	467.6	456.4	467.6	467.6	467.6
65°	456.4	434.2	423.0	423.0	423.0	423.0	445.3	423.0	434.2	434.2	434.2
67.5°	423.0	400.8	389.6	389.6	389.6	389.6	411.9	389.6	400.8	411.9	400.8
70°	389.6	367.4	356.2	356.2	356.2	356.2	367.4	356.2	356.2	367.4	367.4
72.5°	345.1	334.0	322.8	322.8	311.7	322.8	334.0	322.8	322.8	322.8	322.8
75°	311.7	300.6	300.6	289.4	289.4	289.4	300.6	278.3	278.3	278.3	278.3
77.5°	289.4	267.2	267.2	267.2	256.1	267.2	256.1	233.8	233.8	233.8	233.8
80°	244.9	222.7	233.8	233.8	222.7	222.7	211.5	189.3	189.3	189.3	189.3
82.5°	200.4	178.1	189.3	189.3	189.3	189.3	167.0	155.9	144.7	133.6	133.6
85°	178.1	144.7	167.0	167.0	155.9	155.9	111.3	111.3	89.1	89.1	77.9
87.5°	33.4	22.3	44.5	55.7	55.7	66.8	44.5	55.7	33.4	22.3	22.3
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°	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7
2.5°	7058.1	7180.6	7347.6	7470.0	7659.3	7804.0	8026.7	8215.9	8394.0	8472.0	8549.9
5°	5922.6	6000.5	6256.6	6456.9	6757.5	7080.4	7481.2	7915.3	8360.6	8561.0	8794.8
7.5°	4430.8	4575.5	4720.3	5009.7	5377.1	5900.3	6412.4	7058.1	7681.5	7982.1	8382.9
10°	3440.0	3551.3	3718.3	4018.9	4364.0	4798.2	5410.5	6178.6	6924.5	7314.2	7726.1
12.5°	2760.9	2916.8	3139.4	3451.1	3851.9	4297.2	4742.5	5455.0	6323.4	6768.7	7236.2
15°	2237.7	2360.1	2605.0	2994.7	3462.3	3918.7	4386.3	4976.3	5922.6	6434.7	6991.3
17.5°	1781.2	1870.3	2092.9	2482.6	2950.2	3462.3	3996.6	4742.5	5789.0	6412.4	7069.2
20°	1447.2	1514.0	1658.8	1948.2	2393.5	2950.2	3618.1	4519.9	5866.9	6668.5	7470.0
22.5°	1269.1	1291.4	1358.2	1514.0	1881.4	2471.5	3273.0	4330.6	6011.6	7047.0	8126.8
25°	1146.7	1168.9	1191.2	1291.4	1502.9	2059.5	2972.4	4219.3	6323.4	7603.6	8883.9
27.5°	1068.7	1091.0	1102.1	1146.7	1291.4	1759.0	2716.4	4152.5	6746.4	8416.3	9819.0
30°	1001.9	1001.9	1035.3	1102.1	1202.3	1547.4	2493.7	3996.6	7191.7	9095.4	10553.8
32.5°	946.3	957.4	1001.9	1035.3	1102.1	1369.3	2271.1	3796.2	7592.5	9652.0	11277.4
35°	846.1	846.1	857.2	912.9	1001.9	1224.6	2070.7	3595.9	7815.1	10197.5	11923.1
37.5°	779.3	790.4	812.7	857.2	935.1	1124.4	1903.7	3373.2	8048.9	10709.6	12680.1
40°	734.8	745.9	768.2	812.7	890.6	1035.3	1759.0	3195.1	8293.8	11266.3	13492.8
42.5°	701.4	712.5	734.8	779.3	846.1	1013.1	1603.1	3050.4	8438.6	11778.4	14260.9
45°	668.0	679.1	712.5	757.0	812.7	990.8	1514.0	2950.2	8494.2	12123.5	14873.2
47.5°	634.6	645.7	679.1	745.9	812.7	957.4	1480.6	2894.5	8538.8	12513.1	15363.1
50°	601.2	623.4	668.0	734.8	823.8	912.9	1458.4	2883.4	8794.8	13014.1	15830.7
52.5°	578.9	612.3	656.8	734.8	812.7	846.1	1447.2	2916.8	9306.9	13760.0	16498.6
55°	556.6	590.0	634.6	734.8	779.3	790.4	1391.6	2972.4	10086.2	14795.3	17444.9
57.5°	534.4	556.6	612.3	712.5	734.8	745.9	1280.3	3050.4	10865.5	15808.4	18413.4
60°	501.0	523.2	578.9	712.5	668.0	701.4	1135.5	3072.6	11422.1	16131.2	18502.5
62.5°	467.6	489.8	545.5	734.8	612.3	656.8	1013.1	2994.7	11533.4	15663.7	18001.5
65°	434.2	456.4	501.0	612.3	567.8	612.3	935.1	2783.2	11166.1	14594.9	17088.6
67.5°	400.8	423.0	456.4	501.0	512.1	556.6	901.7	2449.2	10242.1	13270.1	15841.8
70°	356.2	378.5	411.9	445.3	456.4	523.2	846.1	2126.3	8750.3	11500.0	14316.6
72.5°	322.8	334.0	367.4	389.6	411.9	478.7	812.7	1859.2	6690.7	9306.9	11678.2
75°	278.3	278.3	311.7	334.0	356.2	423.0	745.9	1547.4	4720.3	7102.6	8583.3
77.5°	233.8	233.8	256.1	278.3	300.6	367.4	634.6	1258.0	3273.0	5633.1	6223.2
80°	178.1	178.1	200.4	222.7	244.9	311.7	512.1	924.0	2026.1	4119.1	4531.0
82.5°	122.5	122.5	155.9	167.0	178.1	244.9	389.6	634.6	1191.2	2972.4	3239.6
85°	66.8	66.8	89.1	100.2	122.5	178.1	289.4	445.3	712.5	2148.6	2159.7
87.5°	11.1	11.1	33.4	33.4	55.7	89.1	167.0	244.9	400.8	1191.2	757.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7	7948.7
2.5°	8694.6	8817.1	8828.2	8828.2	8772.5	8783.7	8627.8	8460.8	8405.2	8394.0
5°	9151.1	9473.9	9563.0	9607.5	9462.8	9240.1	8839.3	8405.2	8182.5	8149.1
7.5°	9062.0	9707.7	10052.8	10097.3	9807.9	9284.6	8583.3	7915.3	7659.3	7592.5
10°	8538.8	9407.1	10030.5	10186.4	9874.7	9206.7	8293.8	7514.6	7202.8	7147.2
12.5°	8171.4	9006.3	9618.6	9830.1	9685.4	9106.5	8149.1	7258.5	6946.8	6868.9
15°	7971.0	8739.1	9139.9	9206.7	9195.6	8950.7	8149.1	7314.2	6969.1	6880.0
17.5°	8138.0	8661.2	8716.9	8561.0	8650.1	8772.5	8327.2	7614.7	7280.8	7202.8
20°	8472.0	8627.8	8360.6	8126.8	8171.4	8561.0	8605.6	8182.5	7915.3	7781.7
22.5°	9173.3	8750.3	8138.0	7815.1	7848.5	8394.0	8972.9	8950.7	8716.9	8650.1
25°	9885.8	9095.4	8071.2	7692.7	7737.2	8360.6	9407.1	9807.9	9685.4	9652.0
27.5°	10676.2	9674.3	8115.7	7637.0	7692.7	8405.2	9707.7	10531.5	10553.8	10520.4
30°	11210.6	9952.6	8249.3	7703.8	7781.7	8516.5	9774.5	10965.7	11166.1	11177.2
32.5°	11655.9	10230.9	8527.6	7815.1	7948.7	8716.9	9952.6	11377.6	11822.9	11834.0
35°	12012.2	10542.6	8872.7	8015.5	8215.9	9050.9	10186.4	11767.2	12435.2	12513.1
37.5°	12468.6	10887.8	9273.5	8449.7	8672.3	9529.6	10598.3	12223.7	13158.8	13370.3
40°	12958.4	11232.9	9852.4	9151.1	9473.9	10242.1	11065.9	12735.8	13771.1	14060.6
42.5°	13503.9	11600.2	10509.2	10097.3	10587.2	11143.8	11600.2	13203.3	14238.7	14572.7
45°	14038.3	12045.5	11466.6	11388.7	11934.2	12212.5	12123.5	13537.3	14684.0	15018.0
47.5°	14416.8	12691.2	12624.4	13092.0	13604.1	13459.4	12735.8	13782.2	15051.4	15418.7
50°	14761.9	13492.8	14082.8	14995.7	15307.4	14817.6	13392.6	14116.2	15441.0	15852.9
52.5°	15274.0	14350.0	15585.7	16721.3	17021.9	16242.6	14105.1	14661.7	16042.2	16409.6
55°	16320.5	15318.6	17155.4	18458.0	18513.6	17545.1	15062.5	15585.7	16888.3	17311.3
57.5°	17489.4	16509.7	18402.3	19894.1	19871.8	18847.6	16142.4	16832.6	18034.9	18324.4
60°	18547.0	17712.1	19760.5	20918.3	20862.6	19793.9	17400.4	18246.4	19348.6	19571.2
62.5°	19170.5	18803.1	20361.7	21241.1	21029.6	20105.6	18469.1	19504.4	20283.7	20361.7
65°	19070.3	19426.5	19660.3	20205.8	19905.2	19237.3	18992.3	20306.0	20383.9	20306.0
67.5°	18313.2	19070.3	17734.3	17790.0	17634.1	17066.4	18179.6	20094.5	19560.1	19370.8
70°	17166.6	17222.2	14828.7	14127.4	14372.3	13593.0	15596.9	18446.8	17623.0	17389.2
72.5°	15262.9	14572.7	11210.6	10498.1	10865.5	10308.9	12513.1	16075.6	15274.0	14517.0
75°	12802.6	11544.6	8538.8	7525.7	7714.9	7692.7	9696.6	13281.3	11834.0	11077.0
77.5°	9919.2	8995.2	6301.1	5911.4	5711.1	5755.6	6768.7	9874.7	8583.3	7637.0
80°	7247.4	6290.0	4876.1	5098.8	4987.4	4720.3	4742.5	6612.8	5967.1	5399.3
82.5°	5009.7	4475.3	3952.1	4464.2	4197.0	3785.1	3696.0	4764.8	4475.3	4130.2
85°	3362.1	3684.9	3139.4	3417.7	2961.3	2727.5	3473.4	3985.5	3217.3	2872.2
87.5°	2193.1	3373.2	2259.9	1714.4	979.7	1313.7	2126.3	2616.2	1502.9	812.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)