

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: P598946

Luminaire Tested: **IFLD-S-SA6B-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598946
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

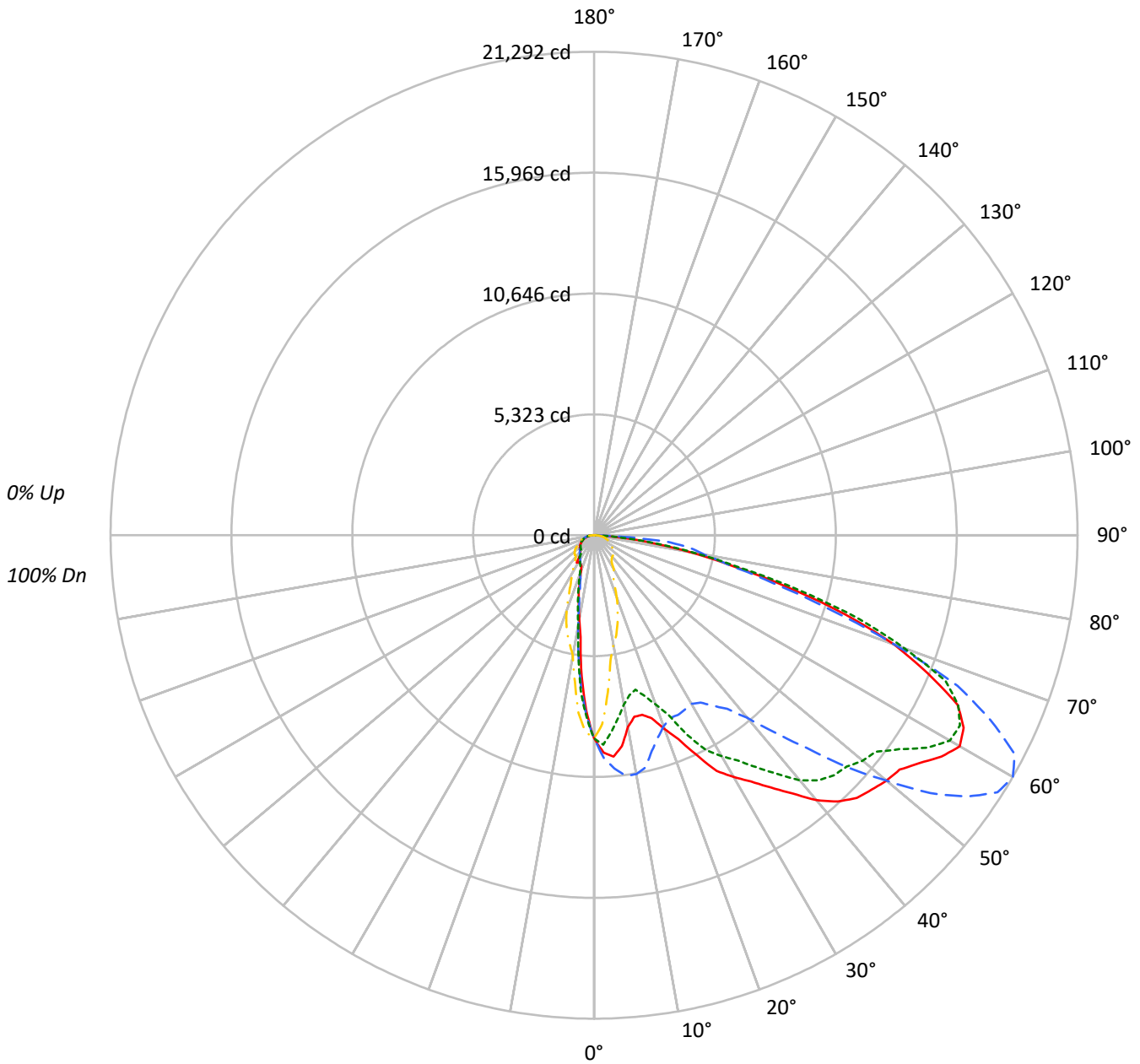
Lumens per Lamp: N/A
 Luminaire Lumens: 28003.9 lumens
 Efficiency: N/A
 Efficacy: 114.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	64184	64184	64184	64184
5°	70514	62639	44922	49038
10°	62458	55126	27246	29238
15°	60818	52327	19288	20027
20°	69346	60524	12617	13945
25°	84491	76720	11016	11410
30°	101803	93053	11426	10602
35°	118728	109260	9468	8924
40°	142668	131962	8844	8378
45°	166033	151661	8951	8321
50°	187639	172383	9153	8598
55°	218828	205462	9481	9014
60°	266898	259587	9449	9449
65°	299947	300368	9702	10125
70°	294784	305209	10165	10425
75°	243166	259352	10677	11365
80°	175568	184295	11806	12319
85°	97163	104326	13297	16368

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	694.9	2.5
10°-20°	1467.1	5.2
20°-30°	2146.5	7.7
30°-40°	3024.3	10.8
40°-50°	4156.2	14.8
50°-60°	5664.5	20.2
60°-70°	6199.5	22.1
70°-80°	3579.2	12.8
80°-90°	1071.8	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°	4308.4	15.4
0°-40°	7332.6	26.2
0°-60°	17153.3	61.3
0°-90°	28003.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28003.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8944	8944	8944	8944	8944	
5°	9789	8696	6236	6808	9789	889
15°	8186	7044	2596	2696	8186	2392
25°	10671	9690	1391	1441	10671	4997
35°	13553	12472	1081	1019	13553	8594
45°	16361	14944	882	820	16361	12574
55°	17491	16423	758	720	17491	15782
65°	17665	17690	571	596	17665	16907
75°	8770	9354	385	410	8770	9421
85°	1180	1267	162	199	1180	1637
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°	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3
2.5°	9577.8	9540.6	9577.8	9714.5	9751.8	9813.9	9813.9	9726.9	9565.4	9490.9	9366.7
5°	9789.0	9726.9	10037.5	10323.2	10546.8	10522.0	10310.8	10136.9	9813.9	9329.4	8869.7
7.5°	9366.7	9428.8	9652.4	10397.7	10919.5	11018.9	10683.5	10335.6	9640.0	8969.1	8348.0
10°	8571.6	8658.6	9143.0	9913.2	10733.1	10894.6	10683.5	10261.1	9428.8	8596.5	7875.9
12.5°	8186.5	8385.3	8671.0	9602.7	10186.5	10571.6	10472.3	10199.0	9267.3	8285.9	7590.2
15°	8186.5	8236.2	8658.6	9441.2	9776.6	9789.0	9826.3	9876.0	9317.0	8422.5	7490.8
17.5°	8447.4	8584.0	8944.3	9428.8	9490.9	9341.8	9341.8	9553.0	9416.3	8807.6	7851.1
20°	9080.9	9031.2	9503.3	9702.1	9366.7	8994.0	8956.7	9317.0	9528.1	9217.6	8509.5
22.5°	9714.5	9938.1	10323.2	9876.0	9254.9	8757.9	8708.3	9155.5	9863.6	9925.7	9267.3
25°	10671.0	10894.6	11093.4	10546.8	9242.4	8695.8	8733.1	9080.9	10273.5	10931.9	10534.4
27.5°	11702.1	11838.8	12124.5	11279.7	9540.6	8621.3	8658.6	9180.3	10658.6	11590.3	11528.2
30°	12286.0	12435.0	12372.9	11416.4	9739.3	8671.0	8571.6	9317.0	10447.4	11590.3	12174.2
32.5°	12857.4	12770.5	12733.2	11640.0	9987.8	8981.6	8733.1	9602.7	10571.6	11776.6	13006.5
35°	13553.1	13428.9	13329.5	12074.8	10397.7	9279.7	9167.9	9975.4	10844.9	12161.7	13677.3
37.5°	14323.3	14323.3	13838.8	12397.8	10882.2	9764.2	9640.0	10509.5	11279.7	12397.8	14596.6
40°	15230.1	15267.4	14410.2	12832.6	11428.8	10534.4	10497.1	11205.2	11702.1	12745.6	15478.6
42.5°	15901.0	15925.8	14907.1	12994.1	12062.4	11602.7	11764.2	12323.2	12186.6	13056.2	15540.7
45°	16360.6	16236.4	15255.0	13453.7	12758.0	13205.2	13254.9	13416.4	12820.1	13242.5	15789.1
47.5°	16584.2	16559.4	15404.0	13987.9	14223.9	14832.6	15118.3	14894.7	13404.0	13043.7	15789.1
50°	16807.8	16596.6	15540.7	14720.8	15652.5	16882.3	16820.2	16410.3	14211.5	13292.2	15553.1
52.5°	16956.9	16770.5	15814.0	15379.2	17019.0	18410.3	18658.8	17901.0	15155.6	13751.8	15664.9
55°	17491.0	17342.0	16633.9	16273.6	18596.7	20025.3	20062.5	19006.6	16149.4	14509.6	16397.9
57.5°	18137.0	18224.0	17764.3	17540.7	19801.7	21205.4	21068.8	19826.5	16994.1	15428.9	17242.6
60°	18596.7	18733.3	18621.5	18646.4	20397.9	21602.9	21292.4	20335.8	17615.3	16124.6	18273.7
62.5°	18348.2	18621.5	19081.1	18981.8	20422.8	21317.2	20882.4	19665.0	17689.8	17031.4	19056.3
65°	17665.0	17689.8	18584.2	19130.8	19304.7	19838.9	19267.5	18261.2	16919.6	17590.4	18944.5
67.5°	15913.4	16112.1	16919.6	17988.0	17255.0	17379.2	17329.6	15876.1	15751.9	17205.3	18087.3
70°	14050.0	14186.6	15068.6	16323.3	14571.7	13987.9	14099.7	13018.9	13528.2	16012.8	16360.6
72.5°	11615.1	11702.1	12708.3	13814.0	11689.7	10646.2	10907.1	10025.1	10745.6	14012.7	13801.5
75°	8770.4	8931.9	9714.5	11018.9	8608.9	7938.1	8198.9	7838.7	8509.5	11540.6	10708.3
77.5°	6236.2	6111.9	7080.9	8621.3	6472.2	6074.7	6099.5	6161.6	6882.1	9726.9	7689.6
80°	4248.5	4285.8	5155.4	6323.1	5080.9	5018.7	4956.6	5453.5	5776.5	7702.0	5590.2
82.5°	2521.8	2521.8	3478.3	4497.0	4012.5	4521.8	4236.1	4683.3	4521.8	5664.7	3664.7
85°	1180.1	1180.1	1788.9	3242.3	3105.7	3726.8	3167.8	3540.4	3341.7	3950.4	1652.2
87.5°	198.8	173.9	360.3	1590.1	1279.5	1453.4	571.4	1888.2	2099.4	2757.8	409.9
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°	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3
2.5°	9230.0	9143.0	8969.1	8745.5	8559.2	8323.2	8248.6	8087.1	7863.5	7838.7	7739.3
5°	8695.8	8397.7	8025.0	7565.4	7254.8	6931.8	6658.5	6497.0	6310.7	6285.8	6236.2
7.5°	8112.0	7739.3	7118.2	6571.6	6037.4	5528.1	5279.6	4969.0	4757.9	4596.4	4521.8
10°	7565.4	7217.5	6447.3	5702.0	5229.9	4894.5	4596.4	4273.4	4012.5	3813.7	3739.2
12.5°	7205.1	6795.2	5962.9	5254.8	4906.9	4521.8	4186.4	3838.6	3503.2	3242.3	3105.7
15°	7043.6	6658.5	5813.8	5031.2	4521.8	3987.7	3602.6	3254.7	2844.8	2658.4	2596.3
17.5°	7428.7	6857.3	5764.1	4770.3	4049.8	3441.1	2969.0	2596.3	2298.2	2111.8	2037.3
20°	7925.6	7217.5	5851.1	4459.7	3602.6	2919.3	2397.6	2000.0	1801.3	1664.6	1652.2
22.5°	8559.2	7751.7	5987.7	4236.1	3105.7	2347.9	1875.8	1639.8	1503.1	1490.7	1465.9
25°	9689.6	8720.7	6211.3	3938.0	2708.1	1937.9	1602.5	1465.9	1403.8	1366.5	1391.3
27.5°	10658.6	9354.2	6372.8	3751.6	2546.6	1826.1	1552.8	1403.8	1341.6	1329.2	1341.6
30°	11230.0	9938.1	6323.1	3403.8	2223.6	1739.2	1652.2	1602.5	1478.3	1378.9	1378.9
32.5°	11751.8	10310.8	6310.7	3093.2	1900.7	1453.4	1378.9	1341.6	1416.2	1465.9	1428.6
35°	12472.3	10894.6	6273.4	2919.3	1764.0	1341.6	1217.4	1118.0	1068.3	1043.5	1080.8
37.5°	13242.5	11292.2	6174.0	2894.5	1689.5	1279.5	1180.1	1080.8	1031.1	1006.2	993.8
40°	14087.2	11714.5	6062.2	2770.2	1652.2	1242.3	1142.9	1055.9	993.8	956.5	944.1
42.5°	14633.8	12049.9	5950.4	2708.1	1577.7	1217.4	1105.6	1031.1	969.0	919.3	919.3
45°	14944.4	12447.5	5838.6	2646.0	1490.7	1229.8	1105.6	1006.2	931.7	906.9	882.0
47.5°	15081.1	12745.6	5801.4	2546.6	1416.2	1180.1	1080.8	981.4	906.9	857.2	844.7
50°	15441.3	13379.2	5938.0	2472.1	1329.2	1130.5	1142.9	969.0	894.4	832.3	819.9
52.5°	15652.5	13888.5	6236.2	2360.3	1267.1	1068.3	1118.0	944.1	857.2	795.0	795.0
55°	16422.7	14733.2	6559.1	2273.3	1192.6	981.4	1031.1	894.4	795.0	757.8	757.8
57.5°	17404.1	15627.7	6832.4	2236.1	1142.9	919.3	919.3	869.6	757.8	708.1	695.7
60°	18087.3	16360.6	6993.9	2211.2	1093.2	857.2	819.9	869.6	720.5	670.8	658.4
62.5°	18161.9	15938.2	6832.4	2198.8	1080.8	795.0	745.4	832.3	683.2	633.6	608.7
65°	17689.8	15081.1	6385.2	2149.1	1068.3	732.9	695.7	720.5	633.6	596.3	571.4
67.5°	16745.7	13689.7	5739.2	2124.3	1055.9	683.2	633.6	621.1	583.9	546.6	521.7
70°	14546.9	11876.0	4981.5	2012.5	1031.1	646.0	571.4	559.0	521.7	496.9	484.5
72.5°	12211.4	9714.5	4111.9	1863.4	981.4	583.9	521.7	496.9	484.5	447.2	434.8
75°	9354.2	7478.4	3292.0	1652.2	857.2	521.7	459.6	434.8	422.4	397.5	385.1
77.5°	6571.6	5565.3	2434.8	1341.6	720.5	472.1	409.9	385.1	372.7	335.4	335.4
80°	4459.7	3900.7	1652.2	931.7	559.0	385.1	360.3	335.4	310.6	285.7	285.7
82.5°	2770.2	2733.0	1192.6	608.7	409.9	310.6	285.7	285.7	248.5	223.6	223.6
85°	1267.1	1677.1	832.3	422.4	310.6	236.0	236.0	223.6	198.8	161.5	161.5
87.5°	397.5	559.0	434.8	186.3	173.9	136.6	136.6	124.2	124.2	99.4	99.4
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°	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3
2.5°	7838.7	7826.2	7826.2	7776.6	7900.8	7900.8	7975.3	7913.2	7950.5	7962.9	8062.3
5°	6223.7	6323.1	6397.6	6546.7	6633.7	6670.9	6670.9	6770.3	6733.1	6807.6	6956.7
7.5°	4559.1	4683.3	4906.9	5093.3	5242.3	5292.0	5279.6	5304.5	5341.7	5254.8	5279.6
10°	3689.5	3602.6	3677.1	3851.0	3987.7	4149.2	4024.9	4012.5	4049.8	4012.5	4087.0
12.5°	3080.8	2981.4	2919.3	2919.3	3018.7	3093.2	3056.0	3118.1	3254.7	3292.0	3379.0
15°	2496.9	2410.0	2360.3	2298.2	2397.6	2422.4	2459.7	2546.6	2646.0	2695.7	2795.1
17.5°	2000.0	2000.0	2000.0	1950.4	1987.6	2024.9	2037.3	2149.1	2161.5	2211.2	2248.5
20°	1639.8	1677.1	1739.2	1764.0	1801.3	1801.3	1776.4	1838.5	1788.9	1826.1	1851.0
22.5°	1478.3	1528.0	1552.8	1565.2	1614.9	1627.4	1565.2	1577.7	1590.1	1552.8	1565.2
25°	1391.3	1416.2	1391.3	1403.8	1416.2	1391.3	1403.8	1428.6	1416.2	1441.0	1428.6
27.5°	1354.1	1329.2	1316.8	1304.4	1304.4	1279.5	1292.0	1292.0	1316.8	1329.2	1329.2
30°	1354.1	1316.8	1267.1	1229.8	1229.8	1192.6	1217.4	1242.3	1254.7	1279.5	1279.5
32.5°	1391.3	1316.8	1229.8	1192.6	1155.3	1130.5	1155.3	1192.6	1242.3	1254.7	1267.1
35°	1105.6	1142.9	1130.5	1080.8	1068.3	1068.3	1055.9	1055.9	1018.7	1018.7	1006.2
37.5°	993.8	981.4	1006.2	1018.7	1031.1	993.8	993.8	944.1	931.7	944.1	944.1
40°	931.7	931.7	931.7	969.0	981.4	956.5	919.3	894.4	894.4	894.4	906.9
42.5°	906.9	882.0	869.6	894.4	931.7	906.9	869.6	857.2	857.2	869.6	869.6
45°	869.6	857.2	844.7	832.3	882.0	844.7	832.3	819.9	819.9	819.9	832.3
47.5°	832.3	819.9	795.0	795.0	807.5	795.0	782.6	782.6	782.6	807.5	807.5
50°	807.5	795.0	770.2	770.2	770.2	770.2	757.8	757.8	757.8	770.2	782.6
52.5°	770.2	757.8	745.4	732.9	732.9	732.9	732.9	732.9	732.9	745.4	757.8
55°	732.9	720.5	708.1	708.1	720.5	720.5	708.1	720.5	708.1	720.5	732.9
57.5°	695.7	683.2	670.8	683.2	695.7	683.2	683.2	683.2	683.2	683.2	695.7
60°	646.0	646.0	646.0	646.0	670.8	670.8	670.8	670.8	646.0	658.4	670.8
62.5°	621.1	608.7	608.7	621.1	633.6	633.6	646.0	633.6	621.1	633.6	633.6
65°	571.4	571.4	571.4	583.9	583.9	596.3	596.3	596.3	583.9	596.3	596.3
67.5°	534.2	534.2	534.2	534.2	559.0	559.0	559.0	559.0	546.6	546.6	559.0
70°	472.1	484.5	472.1	496.9	521.7	509.3	521.7	521.7	509.3	496.9	521.7
72.5°	434.8	434.8	434.8	434.8	472.1	472.1	472.1	484.5	472.1	459.6	472.1
75°	385.1	385.1	385.1	397.5	422.4	422.4	422.4	422.4	422.4	409.9	409.9
77.5°	335.4	347.8	335.4	347.8	372.7	360.3	372.7	385.1	372.7	360.3	360.3
80°	285.7	285.7	285.7	298.1	310.6	310.6	310.6	323.0	310.6	298.1	298.1
82.5°	223.6	223.6	236.0	236.0	248.5	248.5	248.5	260.9	248.5	236.0	236.0
85°	173.9	173.9	173.9	186.3	186.3	198.8	198.8	211.2	211.2	198.8	198.8
87.5°	111.8	99.4	111.8	111.8	124.2	124.2	111.8	99.4	111.8	99.4	87.0
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°	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3	8944.3
2.5°	8161.7	8385.3	8546.8	8658.6	8820.1	9130.6	9254.9	9478.5	9540.6	9577.8
5°	7018.8	7254.8	7602.6	7851.1	8136.8	8720.7	9167.9	9503.3	9652.4	9789.0
7.5°	5503.2	5813.8	6174.0	6497.0	6969.1	7689.6	8273.5	8969.1	9230.0	9366.7
10°	4298.2	4583.9	4981.5	5379.0	6037.4	6646.1	7478.4	8112.0	8472.2	8571.6
12.5°	3627.4	3962.8	4434.9	4919.4	5329.3	6025.0	6869.7	7789.0	8124.4	8186.5
15°	3080.8	3540.4	4024.9	4521.8	4993.9	5602.6	6509.5	7627.5	8124.4	8186.5
17.5°	2546.6	2956.6	3528.0	4062.2	4608.8	5441.1	6571.6	7764.1	8261.0	8447.4
20°	2024.9	2422.4	2869.6	3540.4	4285.8	5167.8	6708.2	8223.8	8882.2	9080.9
22.5°	1677.1	1851.0	2285.8	2931.7	3813.7	4981.5	6844.9	8944.3	9640.0	9714.5
25°	1465.9	1590.1	1863.4	2472.1	3441.1	4857.2	7167.9	9776.6	10671.0	10671.0
27.5°	1366.5	1416.2	1602.5	2149.1	3180.2	4745.4	7490.8	10695.9	11528.2	11702.1
30°	1341.6	1465.9	1565.2	1913.1	2894.5	4434.9	7789.0	11416.4	12273.5	12286.0
32.5°	1316.8	1292.0	1366.5	1664.6	2546.6	4111.9	8037.4	12149.3	12820.1	12857.4
35°	1031.1	1080.8	1205.0	1465.9	2285.8	3875.9	8161.7	12546.8	13515.8	13553.1
37.5°	969.0	1031.1	1130.5	1354.1	2111.8	3677.1	8198.9	13317.0	14248.7	14323.3
40°	944.1	993.8	1068.3	1254.7	1975.2	3428.6	8273.5	14112.1	15329.5	15230.1
42.5°	894.4	956.5	1031.1	1205.0	1863.4	3242.3	8285.9	14546.9	15901.0	15901.0
45°	882.0	919.3	1006.2	1205.0	1739.2	3080.8	8087.1	14981.7	16559.4	16360.6
47.5°	832.3	906.9	981.4	1167.7	1590.1	2919.3	7851.1	15205.3	16646.3	16584.2
50°	819.9	894.4	1018.7	1105.6	1503.1	2844.8	7801.4	15764.3	16820.2	16807.8
52.5°	795.0	869.6	1055.9	1055.9	1391.3	2745.4	8037.4	16012.8	16857.5	16956.9
55°	757.8	869.6	981.4	969.0	1292.0	2621.2	8298.3	16658.7	17515.9	17491.0
57.5°	732.9	844.7	931.7	882.0	1180.1	2534.2	8683.4	17279.9	18310.9	18137.0
60°	695.7	844.7	832.3	819.9	1093.2	2459.7	9006.4	17404.1	18484.9	18596.7
62.5°	670.8	882.0	732.9	757.8	1018.7	2422.4	8869.7	16472.4	18248.8	18348.2
65°	646.0	757.8	670.8	695.7	993.8	2347.9	8335.6	15354.4	17230.2	17665.0
67.5°	596.3	621.1	621.1	646.0	969.0	2174.0	7242.4	13341.9	15677.3	15913.4
70°	546.6	559.0	559.0	596.3	944.1	1975.2	5975.3	11540.6	13602.8	14050.0
72.5°	496.9	496.9	496.9	546.6	869.6	1813.7	4919.4	8869.7	11304.6	11615.1
75°	434.8	434.8	434.8	484.5	782.6	1652.2	3875.9	6596.4	8323.2	8770.4
77.5°	385.1	385.1	372.7	434.8	683.2	1341.6	2795.1	4658.5	5863.5	6236.2
80°	323.0	310.6	310.6	347.8	534.2	969.0	1801.3	3292.0	4087.0	4248.5
82.5°	260.9	248.5	236.0	260.9	385.1	608.7	1118.0	2298.2	2621.2	2521.8
85°	248.5	260.9	211.2	198.8	273.3	397.5	708.1	1416.2	1180.1	1180.1
87.5°	99.4	87.0	87.0	74.5	136.6	149.1	310.6	260.9	198.8	198.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)