

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: P598671

Luminaire Tested: **IFLD-L-SA8B-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: P598671
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

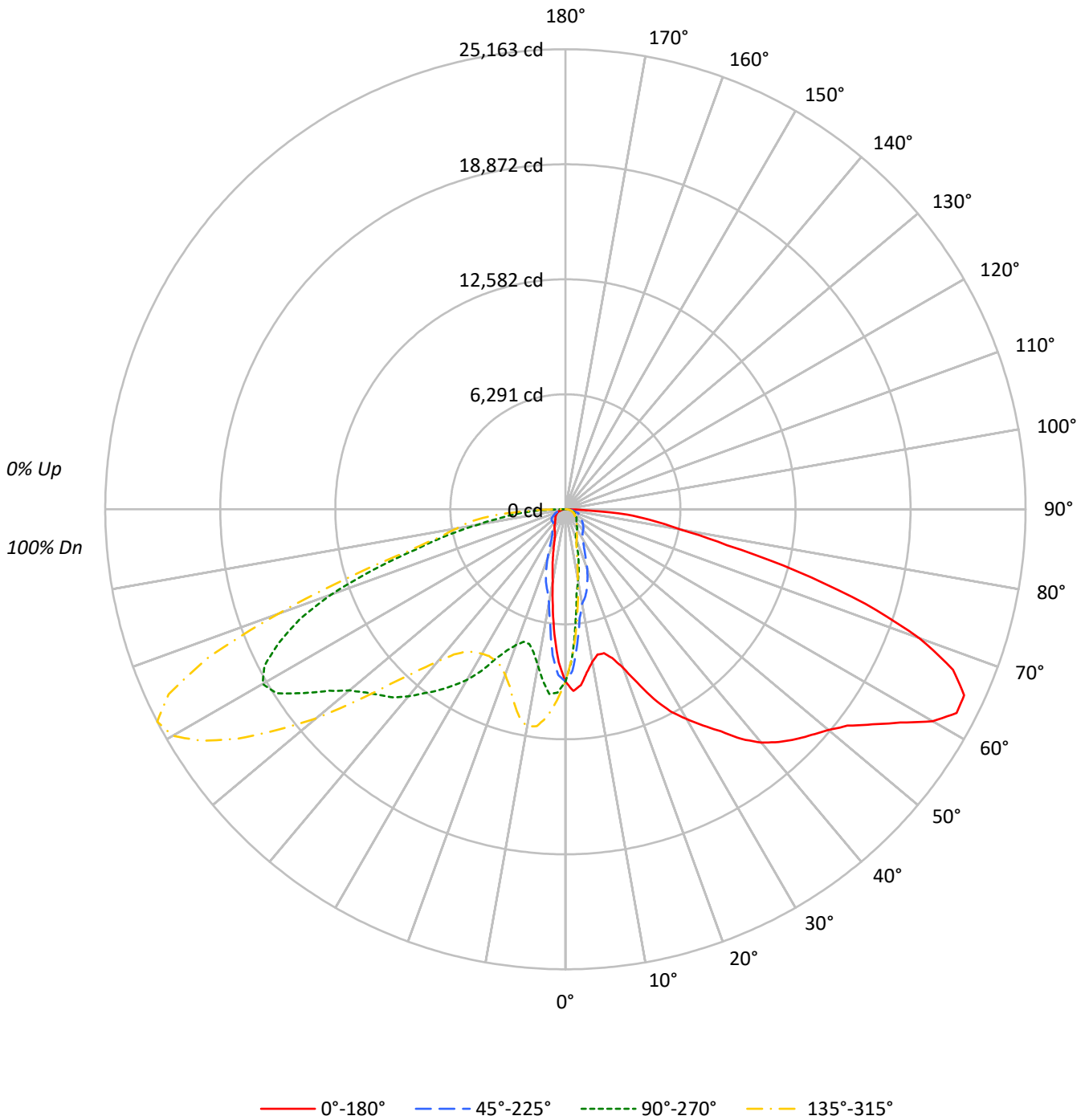
Lumens per Lamp: N/A
 Luminaire Lumens: 31522.6 lumens
 Efficiency: N/A
 Efficacy: 98.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	50679	50679	50679	50679
5°	52155	33915	37050	54791
10°	46271	21550	21766	47352
15°	45412	15284	14476	42473
20°	52798	9668	9744	45244
25°	67900	8302	8067	53490
30°	82287	7868	7376	66961
35°	97393	6932	6672	79370
40°	117024	6579	6115	93768
45°	135411	6524	5922	109313
50°	157242	6625	5963	129084
55°	192427	6807	6063	164460
60°	249560	6814	6388	205695
65°	306339	6886	6550	220182
70°	324157	7264	6848	214375
75°	272869	7679	6856	174965
80°	198243	8991	6949	151236
85°	210114	13029	5700	157175

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	728.8	2.3
10°-20°	1525.2	4.8
20°-30°	2197.9	7.0
30°-40°	3164.1	10.0
40°-50°	4494.4	14.3
50°-60°	6461.7	20.5
60°-70°	7465.4	23.7
70°-80°	4227.1	13.4
80°-90°	1258.0	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°	4451.9	14.1
0°-40°	7616.0	24.2
0°-60°	18572.1	58.9
0°-90°	31522.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	31522.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9416	9416	9416	9416	9416	
5°	9654	6278	6858	10142	9654	876
15°	8150	2743	2598	7623	8150	2397
25°	11434	1398	1358	9008	11434	5307
35°	14824	1055	1016	12080	14824	9408
45°	17791	857	778	14362	17791	13776
55°	20508	725	646	17527	20508	18573
65°	24055	541	514	17290	24055	23067
75°	13122	369	330	8414	13122	13923
85°	3403	211	92	2545	3403	3389
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°	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4
2.5°	9943.9	9930.7	9851.6	9601.0	9337.3	9086.7	8849.3	8598.7	8466.8	8308.6	8242.6
5°	9653.8	9627.4	9403.2	8849.3	8361.3	7833.8	7385.4	7029.3	6739.2	6449.0	6343.5
7.5°	8994.4	8954.8	8691.0	7926.1	7214.0	6528.2	5987.4	5525.9	5143.4	4972.0	4774.1
10°	8466.8	8400.9	8058.0	7214.0	6290.8	5605.0	5248.9	4932.4	4602.7	4325.7	4035.6
12.5°	8137.1	8058.0	7701.9	6712.8	5816.0	5301.7	4932.4	4576.3	4167.5	3824.6	3508.1
15°	8150.3	8058.0	7622.8	6580.9	5697.3	5037.9	4523.6	4035.6	3560.8	3178.4	2822.3
17.5°	8532.8	8414.1	7952.5	6765.6	5605.0	4695.0	4009.2	3376.2	2835.5	2426.6	2136.5
20°	9218.6	9139.4	8611.9	7042.5	5512.7	4325.7	3481.7	2716.8	2149.7	1833.2	1714.5
22.5°	10247.2	10154.9	9587.8	7464.5	5486.3	3996.0	2914.6	2136.5	1727.7	1595.8	1529.8
25°	11434.2	11262.7	10735.2	8176.7	5539.1	3692.7	2453.0	1767.2	1543.0	1450.7	1411.1
27.5°	12462.9	12357.4	11763.9	8849.3	5565.4	3455.3	2136.5	1609.0	1437.5	1358.4	1332.0
30°	13241.0	13201.4	12621.1	9587.8	5499.5	3165.2	1938.7	1543.0	1437.5	1358.4	1279.3
32.5°	14019.1	14032.3	13412.4	10154.9	5407.2	2914.6	1754.0	1371.6	1266.1	1213.3	1226.5
35°	14823.6	14889.5	14362.0	10708.8	5209.3	2822.3	1622.2	1279.3	1186.9	1107.8	1068.2
37.5°	15839.0	16010.5	15496.2	11328.7	5011.5	2743.1	1556.2	1213.3	1121.0	1055.1	1002.3
40°	16656.7	16973.2	16669.9	11909.0	4879.6	2650.8	1503.5	1147.4	1081.4	1002.3	962.7
42.5°	17263.4	17632.6	17527.1	12357.4	4879.6	2558.5	1450.7	1107.8	1055.1	962.7	910.0
45°	17790.9	18173.4	18160.2	12818.9	4985.1	2505.8	1384.8	1107.8	1028.7	936.4	883.6
47.5°	18265.7	18648.1	18780.0	13399.2	5156.6	2479.4	1305.6	1081.4	1028.7	923.2	844.0
50°	18780.0	19202.0	19597.7	14322.4	5367.6	2413.4	1252.9	1041.9	1041.9	910.0	817.7
52.5°	19439.4	19914.2	20639.6	15469.8	5578.6	2294.7	1173.8	1015.5	1041.9	896.8	791.3
55°	20507.7	20903.3	21852.9	16841.4	5842.4	2149.7	1107.8	949.6	989.1	857.2	751.7
57.5°	21707.8	22050.7	22842.0	17896.4	5921.5	1965.0	1015.5	883.6	949.6	817.7	699.0
60°	23184.9	23356.3	23356.3	18199.7	5657.7	1793.6	949.6	830.9	857.2	778.1	659.4
62.5°	24121.2	24121.2	23356.3	17645.8	5156.6	1648.5	896.8	778.1	751.7	725.4	619.8
65°	24055.3	23949.8	22815.6	16036.9	4576.3	1556.2	844.0	712.2	672.6	659.4	580.3
67.5°	22947.5	22762.9	21219.8	13768.5	3969.7	1516.6	791.3	646.2	619.8	593.5	527.5
70°	20600.0	20125.2	18226.1	11078.1	3376.2	1490.3	778.1	593.5	567.1	540.7	488.0
72.5°	17197.4	16590.8	14230.1	8519.6	2835.5	1398.0	738.5	527.5	514.3	488.0	435.2
75°	13122.3	12001.3	9930.7	6515.0	2202.4	1213.3	633.0	461.6	461.6	448.4	395.6
77.5°	9047.1	8466.8	6923.8	4813.7	1609.0	936.4	514.3	408.8	408.8	422.0	369.3
80°	6396.3	5855.6	4932.4	3455.3	1015.5	633.0	395.6	342.9	382.5	408.8	342.9
82.5°	4892.8	4497.2	3666.3	2518.9	593.5	435.2	303.3	277.0	329.7	356.1	290.1
85°	3402.6	2927.8	1859.5	1688.1	342.9	263.8	224.2	224.2	290.1	356.1	263.8
87.5°	962.7	408.8	118.7	501.2	145.1	105.5	79.1	52.8	79.1	79.1	52.8
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°	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4
2.5°	8176.7	8097.6	8097.6	8071.2	8084.4	8097.6	8084.4	8176.7	8216.3	8269.0	8374.5
5°	6277.6	6383.1	6304.0	6383.1	6488.6	6646.9	6686.4	6805.1	6818.3	6910.6	6857.9
7.5°	4655.4	4642.3	4576.3	4668.6	4958.8	5183.0	5288.5	5354.4	5367.6	5367.6	5301.7
10°	3943.3	3824.6	3705.9	3639.9	3666.3	3903.7	3982.8	4022.4	3996.0	4035.6	3982.8
12.5°	3376.2	3270.7	3099.2	2980.5	2901.4	2967.3	3046.5	3086.0	3112.4	3178.4	3231.1
15°	2743.1	2637.6	2532.1	2466.2	2400.3	2347.5	2413.4	2453.0	2518.9	2571.7	2598.1
17.5°	2083.7	2031.0	1978.2	2017.8	2017.8	1991.4	2017.8	2031.0	2057.4	2096.9	2083.7
20°	1688.1	1674.9	1661.7	1727.7	1780.4	1780.4	1806.8	1767.2	1754.0	1714.5	1701.3
22.5°	1503.5	1503.5	1516.6	1569.4	1622.2	1648.5	1648.5	1582.6	1516.6	1490.3	1503.5
25°	1398.0	1398.0	1437.5	1450.7	1477.1	1477.1	1490.3	1424.3	1384.8	1345.2	1358.4
27.5°	1318.8	1318.8	1332.0	1332.0	1345.2	1345.2	1358.4	1332.0	1279.3	1266.1	1266.1
30°	1266.1	1266.1	1252.9	1252.9	1252.9	1252.9	1266.1	1226.5	1200.1	1186.9	1186.9
32.5°	1213.3	1200.1	1186.9	1186.9	1173.8	1173.8	1186.9	1147.4	1134.2	1134.2	1134.2
35°	1055.1	1041.9	1055.1	1081.4	1081.4	1094.6	1094.6	1081.4	1055.1	1028.7	1015.5
37.5°	989.1	975.9	975.9	975.9	1002.3	1015.5	1028.7	1002.3	962.7	923.2	923.2
40°	936.4	936.4	923.2	923.2	923.2	949.6	975.9	936.4	883.6	870.4	870.4
42.5°	896.8	883.6	870.4	857.2	844.0	883.6	910.0	857.2	830.9	830.9	830.9
45°	857.2	844.0	830.9	817.7	804.5	817.7	844.0	791.3	778.1	778.1	778.1
47.5°	817.7	804.5	778.1	764.9	751.7	751.7	778.1	738.5	725.4	738.5	738.5
50°	791.3	764.9	738.5	725.4	712.2	712.2	712.2	699.0	699.0	699.0	712.2
52.5°	764.9	738.5	699.0	685.8	672.6	672.6	672.6	672.6	659.4	672.6	685.8
55°	725.4	699.0	672.6	659.4	646.2	633.0	646.2	633.0	633.0	646.2	646.2
57.5°	672.6	646.2	619.8	619.8	606.7	606.7	619.8	606.7	606.7	619.8	619.8
60°	633.0	606.7	580.3	580.3	567.1	580.3	593.5	580.3	580.3	580.3	593.5
62.5°	580.3	567.1	540.7	540.7	540.7	540.7	553.9	540.7	553.9	553.9	553.9
65°	540.7	514.3	501.2	501.2	501.2	501.2	527.5	501.2	514.3	514.3	514.3
67.5°	501.2	474.8	461.6	461.6	461.6	461.6	488.0	461.6	474.8	488.0	474.8
70°	461.6	435.2	422.0	422.0	422.0	422.0	435.2	422.0	422.0	435.2	435.2
72.5°	408.8	395.6	382.5	382.5	369.3	382.5	395.6	382.5	382.5	382.5	382.5
75°	369.3	356.1	356.1	342.9	342.9	342.9	356.1	329.7	329.7	329.7	329.7
77.5°	342.9	316.5	316.5	316.5	303.3	316.5	303.3	277.0	277.0	277.0	277.0
80°	290.1	263.8	277.0	277.0	263.8	263.8	250.6	224.2	224.2	224.2	224.2
82.5°	237.4	211.0	224.2	224.2	224.2	224.2	197.8	184.6	171.4	158.3	158.3
85°	211.0	171.4	197.8	197.8	184.6	184.6	131.9	131.9	105.5	105.5	92.3
87.5°	39.6	26.4	52.8	65.9	65.9	79.1	52.8	65.9	39.6	26.4	26.4
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°	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4
2.5°	8361.3	8506.4	8704.2	8849.3	9073.5	9244.9	9508.7	9732.9	9943.9	10036.2	10128.5
5°	7016.1	7108.4	7411.8	7649.2	8005.2	8387.7	8862.5	9376.8	9904.3	10141.7	10418.7
7.5°	5248.9	5420.4	5591.8	5934.7	6369.9	6989.8	7596.4	8361.3	9099.9	9456.0	9930.7
10°	4075.2	4207.0	4404.9	4760.9	5169.8	5684.1	6409.5	7319.5	8203.1	8664.7	9152.6
12.5°	3270.7	3455.3	3719.1	4088.3	4563.1	5090.7	5618.2	6462.2	7490.9	8018.4	8572.3
15°	2650.8	2795.9	3086.0	3547.6	4101.5	4642.3	5196.2	5895.1	7016.1	7622.8	8282.2
17.5°	2110.1	2215.6	2479.4	2941.0	3494.9	4101.5	4734.6	5618.2	6857.9	7596.4	8374.5
20°	1714.5	1793.6	1965.0	2307.9	2835.5	3494.9	4286.2	5354.4	6950.2	7899.7	8849.3
22.5°	1503.5	1529.8	1609.0	1793.6	2228.8	2927.8	3877.3	5130.2	7121.6	8348.1	9627.4
25°	1358.4	1384.8	1411.1	1529.8	1780.4	2439.8	3521.3	4998.3	7490.9	9007.6	10524.2
27.5°	1266.1	1292.4	1305.6	1358.4	1529.8	2083.7	3217.9	4919.2	7992.1	9970.3	11632.0
30°	1186.9	1186.9	1226.5	1305.6	1424.3	1833.2	2954.2	4734.6	8519.6	10774.8	12502.4
32.5°	1121.0	1134.2	1186.9	1226.5	1305.6	1622.2	2690.4	4497.2	8994.4	11434.2	13359.7
35°	1002.3	1002.3	1015.5	1081.4	1186.9	1450.7	2453.0	4259.8	9258.1	12080.4	14124.6
37.5°	923.2	936.4	962.7	1015.5	1107.8	1332.0	2255.2	3996.0	9535.1	12687.1	15021.4
40°	870.4	883.6	910.0	962.7	1055.1	1226.5	2083.7	3785.0	9825.2	13346.5	15984.1
42.5°	830.9	844.0	870.4	923.2	1002.3	1200.1	1899.1	3613.6	9996.7	13953.1	16894.1
45°	791.3	804.5	844.0	896.8	962.7	1173.8	1793.6	3494.9	10062.6	14362.0	17619.5
47.5°	751.7	764.9	804.5	883.6	962.7	1134.2	1754.0	3428.9	10115.4	14823.6	18199.7
50°	712.2	738.5	791.3	870.4	975.9	1081.4	1727.7	3415.7	10418.7	15417.0	18753.6
52.5°	685.8	725.4	778.1	870.4	962.7	1002.3	1714.5	3455.3	11025.3	16300.6	19544.9
55°	659.4	699.0	751.7	870.4	923.2	936.4	1648.5	3521.3	11948.5	17527.1	20665.9
57.5°	633.0	659.4	725.4	844.0	870.4	883.6	1516.6	3613.6	12871.7	18727.3	21813.3
60°	593.5	619.8	685.8	844.0	791.3	830.9	1345.2	3639.9	13531.1	19109.7	21918.8
62.5°	553.9	580.3	646.2	870.4	725.4	778.1	1200.1	3547.6	13663.0	18555.8	21325.3
65°	514.3	540.7	593.5	725.4	672.6	725.4	1107.8	3297.1	13227.8	17289.8	20243.9
67.5°	474.8	501.2	540.7	593.5	606.7	659.4	1068.2	2901.4	12133.2	15720.4	18766.8
70°	422.0	448.4	488.0	527.5	540.7	619.8	1002.3	2518.9	10365.9	13623.4	16960.0
72.5°	382.5	395.6	435.2	461.6	488.0	567.1	962.7	2202.4	7926.1	11025.3	13834.4
75°	329.7	329.7	369.3	395.6	422.0	501.2	883.6	1833.2	5591.8	8414.1	10168.1
77.5°	277.0	277.0	303.3	329.7	356.1	435.2	751.7	1490.3	3877.3	6673.2	7372.2
80°	211.0	211.0	237.4	263.8	290.1	369.3	606.7	1094.6	2400.3	4879.6	5367.6
82.5°	145.1	145.1	184.6	197.8	211.0	290.1	461.6	751.7	1411.1	3521.3	3837.8
85°	79.1	79.1	105.5	118.7	145.1	211.0	342.9	527.5	844.0	2545.3	2558.5
87.5°	13.2	13.2	39.6	39.6	65.9	105.5	197.8	290.1	474.8	1411.1	896.8
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°	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4	9416.4
2.5°	10300.0	10445.1	10458.3	10458.3	10392.3	10405.5	10220.9	10023.0	9957.1	9943.9
5°	10840.7	11223.2	11328.7	11381.4	11210.0	10946.2	10471.4	9957.1	9693.3	9653.8
7.5°	10735.2	11500.1	11909.0	11961.7	11618.8	10999.0	10168.1	9376.8	9073.5	8994.4
10°	10115.4	11144.0	11882.6	12067.2	11697.9	10906.7	9825.2	8902.0	8532.8	8466.8
12.5°	9680.2	10669.3	11394.6	11645.2	11473.7	10788.0	9653.8	8598.7	8229.4	8137.1
15°	9442.8	10352.7	10827.5	10906.7	10893.5	10603.3	9653.8	8664.7	8255.8	8150.3
17.5°	9640.6	10260.4	10326.4	10141.7	10247.2	10392.3	9864.8	9020.7	8625.1	8532.8
20°	10036.2	10220.9	9904.3	9627.4	9680.2	10141.7	10194.5	9693.3	9376.8	9218.6
22.5°	10867.1	10365.9	9640.6	9258.1	9297.7	9943.9	10629.7	10603.3	10326.4	10247.2
25°	11711.1	10774.8	9561.5	9113.1	9165.8	9904.3	11144.0	11618.8	11473.7	11434.2
27.5°	12647.5	11460.6	9614.2	9047.1	9113.1	9957.1	11500.1	12476.1	12502.4	12462.9
30°	13280.5	11790.3	9772.5	9126.2	9218.6	10089.0	11579.3	12990.4	13227.8	13241.0
32.5°	13808.1	12120.0	10102.2	9258.1	9416.4	10326.4	11790.3	13478.4	14005.9	14019.1
35°	14230.1	12489.2	10511.0	9495.5	9732.9	10722.0	12067.2	13939.9	14731.2	14823.6
37.5°	14770.8	12898.1	10985.8	10009.9	10273.6	11289.1	12555.2	14480.7	15588.5	15839.0
40°	15351.1	13306.9	11671.6	10840.7	11223.2	12133.2	13109.1	15087.3	16313.8	16656.7
42.5°	15997.3	13742.1	12449.7	11961.7	12542.0	13201.4	13742.1	15641.2	16867.7	17263.4
45°	16630.3	14269.6	13583.9	13491.5	14137.8	14467.5	14362.0	16036.9	17395.3	17790.9
47.5°	17078.7	15034.6	14955.4	15509.3	16116.0	15944.6	15087.3	16327.0	17830.5	18265.7
50°	17487.6	15984.1	16683.1	17764.5	18133.8	17553.5	15865.4	16722.7	18292.1	18780.0
52.5°	18094.2	16999.6	18463.5	19808.7	20164.8	19241.6	16709.5	17368.9	19004.2	19439.4
55°	19333.9	18147.0	20323.0	21866.1	21932.0	20784.6	17843.7	18463.5	20006.5	20507.7
57.5°	20718.7	19558.1	21800.1	23567.3	23541.0	22327.6	19122.9	19940.6	21364.9	21707.8
60°	21971.6	20982.5	23409.1	24780.7	24714.7	23448.6	20613.2	21615.5	22921.1	23184.9
62.5°	22710.1	22274.9	24121.2	25163.1	24912.5	23817.9	21879.2	23105.8	24028.9	24121.2
65°	22591.4	23013.4	23290.4	23936.6	23580.5	22789.2	22499.1	24055.3	24147.6	24055.3
67.5°	21694.6	22591.4	21008.8	21074.8	20890.1	20217.5	21536.4	23804.7	23171.7	22947.5
70°	20336.2	20402.2	17566.7	16735.8	17026.0	16102.8	18476.7	21852.9	20876.9	20600.0
72.5°	18081.0	17263.4	13280.5	12436.5	12871.7	12212.3	14823.6	19043.8	18094.2	17197.4
75°	15166.4	13676.2	10115.4	8915.2	9139.4	9113.1	11486.9	15733.5	14019.1	13122.3
77.5°	11750.7	10656.1	7464.5	7002.9	6765.6	6818.3	8018.4	11697.9	10168.1	9047.1
80°	8585.5	7451.3	5776.4	6040.2	5908.3	5591.8	5618.2	7833.8	7068.9	6396.3
82.5°	5934.7	5301.7	4681.8	5288.5	4972.0	4484.0	4378.5	5644.6	5301.7	4892.8
85°	3982.8	4365.3	3719.1	4048.8	3508.1	3231.1	4114.7	4721.4	3811.4	3402.6
87.5°	2598.1	3996.0	2677.2	2031.0	1160.6	1556.2	2518.9	3099.2	1780.4	962.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)