

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: P598663

Luminaire Tested: **IFLD-M-SA4D-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: P598663
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

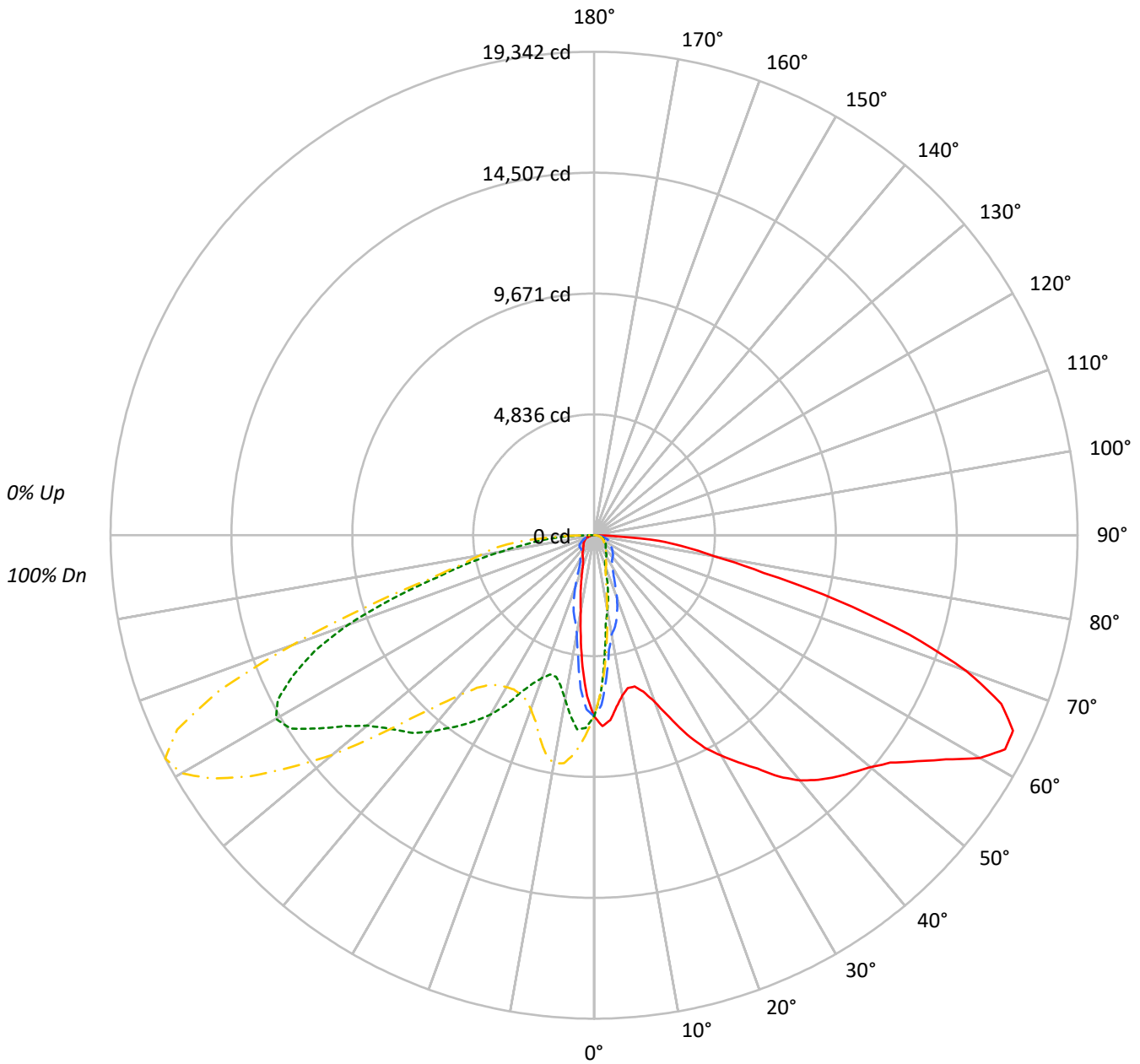
Lumens per Lamp: N/A
 Luminaire Lumens: 24230.5 lumens
 Efficiency: N/A
 Efficacy: 97.0 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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°	77910	77910	77910	77910
5°	80180	52139	56959	84233
10°	71134	33130	33462	72797
15°	69814	23497	22255	65295
20°	81168	14864	14979	69556
25°	104385	12763	12402	82233
30°	126503	12096	11340	102942
35°	149726	10657	10257	122020
40°	179906	10114	9402	144154
45°	208173	10030	9105	168050
50°	241736	10185	9167	198446
55°	295827	10464	9321	252831
60°	383660	10475	9821	316224
65°	470948	10585	10071	338493
70°	498340	11166	10527	329567
75°	419491	11803	10539	268982
80°	304765	13823	10680	232501
85°	323020	20032	8769	241632

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	560.2	2.3
10°-20°	1172.4	4.8
20°-30°	1689.5	7.0
30°-40°	2432.2	10.0
40°-50°	3454.7	14.3
50°-60°	4966.9	20.5
60°-70°	5738.5	23.7
70°-80°	3249.2	13.4
80°-90°	967.0	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°	3422.0	14.1
0°-40°	5854.2	24.2
0°-60°	14275.9	58.9
0°-90°	24230.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24230.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7238	7238	7238	7238	7238	
5°	7421	4825	5272	7796	7421	673
15°	6265	2109	1997	5859	6265	1842
25°	8789	1075	1044	6924	8789	4080
35°	11394	811	781	9286	11394	7232
45°	13675	659	598	11040	13675	10589
55°	15764	558	497	13473	15764	14276
65°	18491	416	395	13290	18491	17731
75°	10087	284	253	6468	10087	10702
85°	2616	162	71	1956	2616	2605
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°	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1
2.5°	7643.6	7633.5	7572.6	7380.0	7177.3	6984.7	6802.2	6609.6	6508.2	6386.6	6335.9
5°	7420.6	7400.3	7228.0	6802.2	6427.1	6021.6	5676.9	5403.2	5180.2	4957.2	4876.1
7.5°	6913.7	6883.3	6680.6	6092.6	5545.2	5018.0	4602.4	4247.6	3953.6	3821.8	3669.7
10°	6508.2	6457.5	6194.0	5545.2	4835.5	4308.4	4034.7	3791.4	3538.0	3325.1	3102.0
12.5°	6254.8	6194.0	5920.2	5159.9	4470.6	4075.2	3791.4	3517.7	3203.4	2939.8	2696.6
15°	6264.9	6194.0	5859.4	5058.6	4379.4	3872.5	3477.1	3102.0	2737.1	2443.1	2169.4
17.5°	6558.9	6467.7	6112.9	5200.5	4308.4	3608.9	3081.8	2595.2	2179.5	1865.3	1642.3
20°	7086.0	7025.2	6619.7	5413.4	4237.4	3325.1	2676.3	2088.3	1652.4	1409.1	1317.9
22.5°	7876.8	7805.8	7369.9	5737.8	4217.2	3071.6	2240.4	1642.3	1328.0	1226.6	1175.9
25°	8789.1	8657.3	8251.9	6285.2	4257.7	2838.5	1885.6	1358.4	1186.1	1115.1	1084.7
27.5°	9579.9	9498.8	9042.6	6802.2	4278.0	2656.0	1642.3	1236.8	1105.0	1044.2	1023.9
30°	10178.0	10147.5	9701.5	7369.9	4227.3	2433.0	1490.2	1186.1	1105.0	1044.2	983.3
32.5°	10776.1	10786.2	10309.7	7805.8	4156.3	2240.4	1348.3	1054.3	973.2	932.6	942.8
35°	11394.4	11445.1	11039.6	8231.6	4004.3	2169.4	1246.9	983.3	912.4	851.5	821.1
37.5°	12175.0	12306.8	11911.5	8708.0	3852.2	2108.6	1196.2	932.6	861.7	811.0	770.4
40°	12803.5	13046.8	12813.7	9154.1	3750.8	2037.6	1155.7	882.0	831.3	770.4	740.0
42.5°	13269.9	13553.7	13472.6	9498.8	3750.8	1966.7	1115.1	851.5	811.0	740.0	699.5
45°	13675.4	13969.3	13959.2	9853.6	3831.9	1926.1	1064.4	851.5	790.7	719.8	679.2
47.5°	14040.3	14334.3	14435.7	10299.6	3963.7	1905.8	1003.6	831.3	790.7	709.6	648.8
50°	14435.7	14760.1	15064.2	11009.2	4125.9	1855.1	963.1	800.9	800.9	699.5	628.5
52.5°	14942.5	15307.5	15865.0	11891.2	4288.1	1763.9	902.2	780.6	800.9	689.3	608.2
55°	15763.7	16067.8	16797.7	12945.5	4490.9	1652.4	851.5	729.9	760.3	658.9	577.8
57.5°	16686.2	16949.7	17558.0	13756.5	4551.7	1510.5	780.6	679.2	729.9	628.5	537.3
60°	17821.6	17953.4	17953.4	13989.6	4348.9	1378.7	729.9	638.7	658.9	598.1	506.9
62.5°	18541.3	18541.3	17953.4	13563.9	3963.7	1267.2	689.3	598.1	577.8	557.6	476.5
65°	18490.6	18409.5	17537.7	12327.1	3517.7	1196.2	648.8	547.4	517.0	506.9	446.0
67.5°	17639.1	17497.2	16311.1	10583.5	3051.4	1165.8	608.2	496.7	476.5	456.2	405.5
70°	15834.6	15469.7	14009.9	8515.4	2595.2	1145.5	598.1	456.2	435.9	415.6	375.1
72.5°	13219.2	12752.9	10938.3	6548.8	2179.5	1074.6	567.7	405.5	395.4	375.1	334.5
75°	10086.7	9225.0	7633.5	5007.9	1692.9	932.6	486.6	354.8	354.8	344.7	304.1
77.5°	6954.3	6508.2	5322.1	3700.2	1236.8	719.8	395.4	314.3	314.3	324.4	283.8
80°	4916.6	4501.0	3791.4	2656.0	780.6	486.6	304.1	263.6	294.0	314.3	263.6
82.5°	3761.0	3456.9	2818.2	1936.2	456.2	334.5	233.2	212.9	253.4	273.7	223.0
85°	2615.5	2250.5	1429.4	1297.6	263.6	202.7	172.3	172.3	223.0	273.7	202.7
87.5°	740.0	314.3	91.2	385.2	111.5	81.1	60.8	40.5	60.8	60.8	40.5
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°	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1
2.5°	6285.2	6224.4	6224.4	6204.1	6214.2	6224.4	6214.2	6285.2	6315.6	6356.2	6437.3
5°	4825.4	4906.5	4845.7	4906.5	4987.6	5109.3	5139.7	5230.9	5241.0	5312.0	5271.5
7.5°	3578.5	3568.4	3517.7	3588.6	3811.7	3984.0	4065.1	4115.8	4125.9	4125.9	4075.2
10°	3031.1	2939.8	2848.6	2797.9	2818.2	3000.7	3061.5	3091.9	3071.6	3102.0	3061.5
12.5°	2595.2	2514.1	2382.3	2291.1	2230.2	2280.9	2341.7	2372.2	2392.4	2443.1	2483.7
15°	2108.6	2027.5	1946.4	1895.7	1845.0	1804.5	1855.1	1885.6	1936.2	1976.8	1997.1
17.5°	1601.7	1561.2	1520.6	1551.0	1551.0	1530.7	1551.0	1561.2	1581.4	1611.8	1601.7
20°	1297.6	1287.5	1277.3	1328.0	1368.6	1368.6	1388.8	1358.4	1348.3	1317.9	1307.7
22.5°	1155.7	1155.7	1165.8	1206.4	1246.9	1267.2	1267.2	1216.5	1165.8	1145.5	1155.7
25°	1074.6	1074.6	1105.0	1115.1	1135.4	1135.4	1145.5	1094.8	1064.4	1034.0	1044.2
27.5°	1013.7	1013.7	1023.9	1023.9	1034.0	1034.0	1044.2	1023.9	983.3	973.2	973.2
30°	973.2	973.2	963.1	963.1	963.1	963.1	973.2	942.8	922.5	912.4	912.4
32.5°	932.6	922.5	912.4	912.4	902.2	902.2	912.4	882.0	871.8	871.8	871.8
35°	811.0	800.9	811.0	831.3	831.3	841.4	841.4	831.3	811.0	790.7	780.6
37.5°	760.3	750.2	750.2	750.2	770.4	780.6	790.7	770.4	740.0	709.6	709.6
40°	719.8	719.8	709.6	709.6	709.6	729.9	750.2	719.8	679.2	669.1	669.1
42.5°	689.3	679.2	669.1	658.9	648.8	679.2	699.5	658.9	638.7	638.7	638.7
45°	658.9	648.8	638.7	628.5	618.4	628.5	648.8	608.2	598.1	598.1	598.1
47.5°	628.5	618.4	598.1	588.0	577.8	577.8	598.1	567.7	557.6	567.7	567.7
50°	608.2	588.0	567.7	557.6	547.4	547.4	547.4	537.3	537.3	537.3	547.4
52.5°	588.0	567.7	537.3	527.1	517.0	517.0	517.0	517.0	506.9	517.0	527.1
55°	557.6	537.3	517.0	506.9	496.7	486.6	496.7	486.6	486.6	496.7	496.7
57.5°	517.0	496.7	476.5	476.5	466.3	466.3	476.5	466.3	466.3	476.5	476.5
60°	486.6	466.3	446.0	446.0	435.9	446.0	456.2	446.0	446.0	446.0	456.2
62.5°	446.0	435.9	415.6	415.6	415.6	415.6	425.8	415.6	425.8	425.8	425.8
65°	415.6	395.4	385.2	385.2	385.2	385.2	405.5	385.2	395.4	395.4	395.4
67.5°	385.2	364.9	354.8	354.8	354.8	354.8	375.1	354.8	364.9	375.1	364.9
70°	354.8	334.5	324.4	324.4	324.4	324.4	334.5	324.4	324.4	334.5	334.5
72.5°	314.3	304.1	294.0	294.0	283.8	294.0	304.1	294.0	294.0	294.0	294.0
75°	283.8	273.7	273.7	263.6	263.6	263.6	273.7	253.4	253.4	253.4	253.4
77.5°	263.6	243.3	243.3	243.3	233.2	243.3	233.2	212.9	212.9	212.9	212.9
80°	223.0	202.7	212.9	212.9	202.7	202.7	192.6	172.3	172.3	172.3	172.3
82.5°	182.5	162.2	172.3	172.3	172.3	172.3	152.1	141.9	131.8	121.6	121.6
85°	162.2	131.8	152.1	152.1	141.9	141.9	101.4	101.4	81.1	81.1	71.0
87.5°	30.4	20.3	40.5	50.7	50.7	60.8	40.5	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°	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1
2.5°	6427.1	6538.6	6690.7	6802.2	6974.5	7106.3	7309.1	7481.4	7643.6	7714.6	7785.5
5°	5393.1	5464.1	5697.2	5879.7	6153.4	6447.4	6812.3	7207.7	7613.2	7795.7	8008.6
7.5°	4034.7	4166.5	4298.3	4561.8	4896.4	5372.8	5839.1	6427.1	6994.8	7268.5	7633.5
10°	3132.5	3233.8	3385.9	3659.6	3973.9	4369.2	4926.8	5626.3	6305.5	6660.3	7035.4
12.5°	2514.1	2656.0	2858.7	3142.6	3507.5	3913.0	4318.5	4967.3	5758.0	6163.5	6589.3
15°	2037.6	2149.1	2372.2	2727.0	3152.7	3568.4	3994.1	4531.4	5393.1	5859.4	6366.3
17.5°	1622.0	1703.1	1905.8	2260.6	2686.4	3152.7	3639.3	4318.5	5271.5	5839.1	6437.3
20°	1317.9	1378.7	1510.5	1774.0	2179.5	2686.4	3294.7	4115.8	5342.4	6072.3	6802.2
22.5°	1155.7	1175.9	1236.8	1378.7	1713.2	2250.5	2980.4	3943.5	5474.2	6417.0	7400.3
25°	1044.2	1064.4	1084.7	1175.9	1368.6	1875.4	2706.7	3842.1	5758.0	6923.9	8089.7
27.5°	973.2	993.5	1003.6	1044.2	1175.9	1601.7	2473.5	3781.3	6143.3	7663.9	8941.2
30°	912.4	912.4	942.8	1003.6	1094.8	1409.1	2270.8	3639.3	6548.8	8282.3	9610.3
32.5°	861.7	871.8	912.4	942.8	1003.6	1246.9	2068.0	3456.9	6913.7	8789.1	10269.2
35°	770.4	770.4	780.6	831.3	912.4	1115.1	1885.6	3274.4	7116.5	9285.9	10857.2
37.5°	709.6	719.8	740.0	780.6	851.5	1023.9	1733.5	3071.6	7329.3	9752.2	11546.5
40°	669.1	679.2	699.5	740.0	811.0	942.8	1601.7	2909.4	7552.4	10259.1	12286.5
42.5°	638.7	648.8	669.1	709.6	770.4	922.5	1459.8	2777.6	7684.2	10725.4	12986.0
45°	608.2	618.4	648.8	689.3	740.0	902.2	1378.7	2686.4	7734.8	11039.6	13543.6
47.5°	577.8	588.0	618.4	679.2	740.0	871.8	1348.3	2635.7	7775.4	11394.4	13989.6
50°	547.4	567.7	608.2	669.1	750.2	831.3	1328.0	2625.6	8008.6	11850.6	14415.4
52.5°	527.1	557.6	598.1	669.1	740.0	770.4	1317.9	2656.0	8474.9	12529.8	15023.6
55°	506.9	537.3	577.8	669.1	709.6	719.8	1267.2	2706.7	9184.5	13472.6	15885.3
57.5°	486.6	506.9	557.6	648.8	669.1	679.2	1165.8	2777.6	9894.1	14395.1	16767.3
60°	456.2	476.5	527.1	648.8	608.2	638.7	1034.0	2797.9	10401.0	14689.1	16848.4
62.5°	425.8	446.0	496.7	669.1	557.6	598.1	922.5	2727.0	10502.4	14263.3	16392.2
65°	395.4	415.6	456.2	557.6	517.0	557.6	851.5	2534.4	10167.8	13290.1	15560.9
67.5°	364.9	385.2	415.6	456.2	466.3	506.9	821.1	2230.2	9326.4	12083.8	14425.5
70°	324.4	344.7	375.1	405.5	415.6	476.5	770.4	1936.2	7968.0	10471.9	13036.7
72.5°	294.0	304.1	334.5	354.8	375.1	435.9	740.0	1692.9	6092.6	8474.9	10634.1
75°	253.4	253.4	283.8	304.1	324.4	385.2	679.2	1409.1	4298.3	6467.7	7815.9
77.5°	212.9	212.9	233.2	253.4	273.7	334.5	577.8	1145.5	2980.4	5129.5	5666.8
80°	162.2	162.2	182.5	202.7	223.0	283.8	466.3	841.4	1845.0	3750.8	4125.9
82.5°	111.5	111.5	141.9	152.1	162.2	223.0	354.8	577.8	1084.7	2706.7	2950.0
85°	60.8	60.8	81.1	91.2	111.5	162.2	263.6	405.5	648.8	1956.5	1966.7
87.5°	10.1	10.1	30.4	30.4	50.7	81.1	152.1	223.0	364.9	1084.7	689.3
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1	7238.1
2.5°	7917.3	8028.8	8039.0	8039.0	7988.3	7998.4	7856.5	7704.4	7653.7	7643.6
5°	8332.9	8626.9	8708.0	8748.6	8616.8	8414.0	8049.1	7653.7	7451.0	7420.6
7.5°	8251.9	8839.8	9154.1	9194.6	8931.1	8454.6	7815.9	7207.7	6974.5	6913.7
10°	7775.4	8566.1	9133.8	9275.7	8991.9	8383.6	7552.4	6842.8	6558.9	6508.2
12.5°	7440.9	8201.2	8758.7	8951.3	8819.5	8292.4	7420.6	6609.6	6325.7	6254.8
15°	7258.4	7957.9	8322.8	8383.6	8373.5	8150.5	7420.6	6660.3	6346.0	6264.9
17.5°	7410.4	7886.9	7937.6	7795.7	7876.8	7988.3	7582.8	6934.0	6629.9	6558.9
20°	7714.6	7856.5	7613.2	7400.3	7440.9	7795.7	7836.2	7451.0	7207.7	7086.0
22.5°	8353.2	7968.0	7410.4	7116.5	7146.9	7643.6	8170.8	8150.5	7937.6	7876.8
25°	9002.0	8282.3	7349.6	7004.9	7045.5	7613.2	8566.1	8931.1	8819.5	8789.1
27.5°	9721.8	8809.4	7390.2	6954.3	7004.9	7653.7	8839.8	9590.0	9610.3	9579.9
30°	10208.4	9062.8	7511.8	7015.1	7086.0	7755.1	8900.6	9985.3	10167.8	10178.0
32.5°	10613.9	9316.3	7765.3	7116.5	7238.1	7937.6	9062.8	10360.4	10765.9	10776.1
35°	10938.3	9600.1	8079.5	7298.9	7481.4	8241.7	9275.7	10715.2	11323.5	11394.4
37.5°	11353.9	9914.4	8444.5	7694.3	7897.0	8677.6	9650.8	11130.9	11982.4	12175.0
40°	11799.9	10228.6	8971.6	8332.9	8626.9	9326.4	10076.6	11597.2	12540.0	12803.5
42.5°	12296.7	10563.2	9569.7	9194.6	9640.7	10147.5	10563.2	12023.0	12965.7	13269.9
45°	12783.3	10968.7	10441.5	10370.6	10867.3	11120.7	11039.6	12327.1	13371.2	13675.4
47.5°	13127.9	11556.6	11495.8	11921.6	12387.9	12256.1	11597.2	12550.1	13705.8	14040.3
50°	13442.2	12286.5	12823.8	13655.1	13938.9	13492.9	12195.3	12854.2	14060.6	14435.7
52.5°	13908.5	13067.1	14192.4	15226.4	15500.1	14790.5	12844.1	13351.0	14608.0	14942.5
55°	14861.4	13949.1	15621.7	16807.8	16858.5	15976.6	13715.9	14192.4	15378.4	15763.7
57.5°	15925.9	15033.8	16757.1	18115.5	18095.3	17162.6	14699.2	15327.8	16422.6	16686.2
60°	16888.9	16128.6	17993.9	19048.2	18997.5	18024.3	15844.8	16615.2	17618.8	17821.6
62.5°	17456.6	17122.1	18541.3	19342.2	19149.6	18308.2	16818.0	17760.7	18470.4	18541.3
65°	17365.4	17689.8	17902.7	18399.4	18125.7	17517.4	17294.4	18490.6	18561.6	18490.6
67.5°	16676.0	17365.4	16148.9	16199.6	16057.7	15540.6	16554.4	18298.0	17811.4	17639.1
70°	15631.9	15682.6	13503.0	12864.4	13087.4	12377.8	14202.5	16797.7	16047.5	15834.6
72.5°	13898.4	13269.9	10208.4	9559.6	9894.1	9387.2	11394.4	14638.4	13908.5	13219.2
75°	11658.0	10512.5	7775.4	6852.9	7025.2	7004.9	8829.7	12093.9	10776.1	10086.7
77.5°	9032.4	8191.0	5737.8	5383.0	5200.5	5241.0	6163.5	8991.9	7815.9	6954.3
80°	6599.5	5727.6	4440.2	4642.9	4541.6	4298.3	4318.5	6021.6	5433.7	4916.6
82.5°	4561.8	4075.2	3598.8	4065.1	3821.8	3446.7	3365.6	4338.8	4075.2	3761.0
85°	3061.5	3355.5	2858.7	3112.2	2696.6	2483.7	3162.9	3629.2	2929.7	2615.5
87.5°	1997.1	3071.6	2057.9	1561.2	892.1	1196.2	1936.2	2382.3	1368.6	740.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)