

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: P598720

Luminaire Tested: **IFLD-M-SA4C-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: P598720
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-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

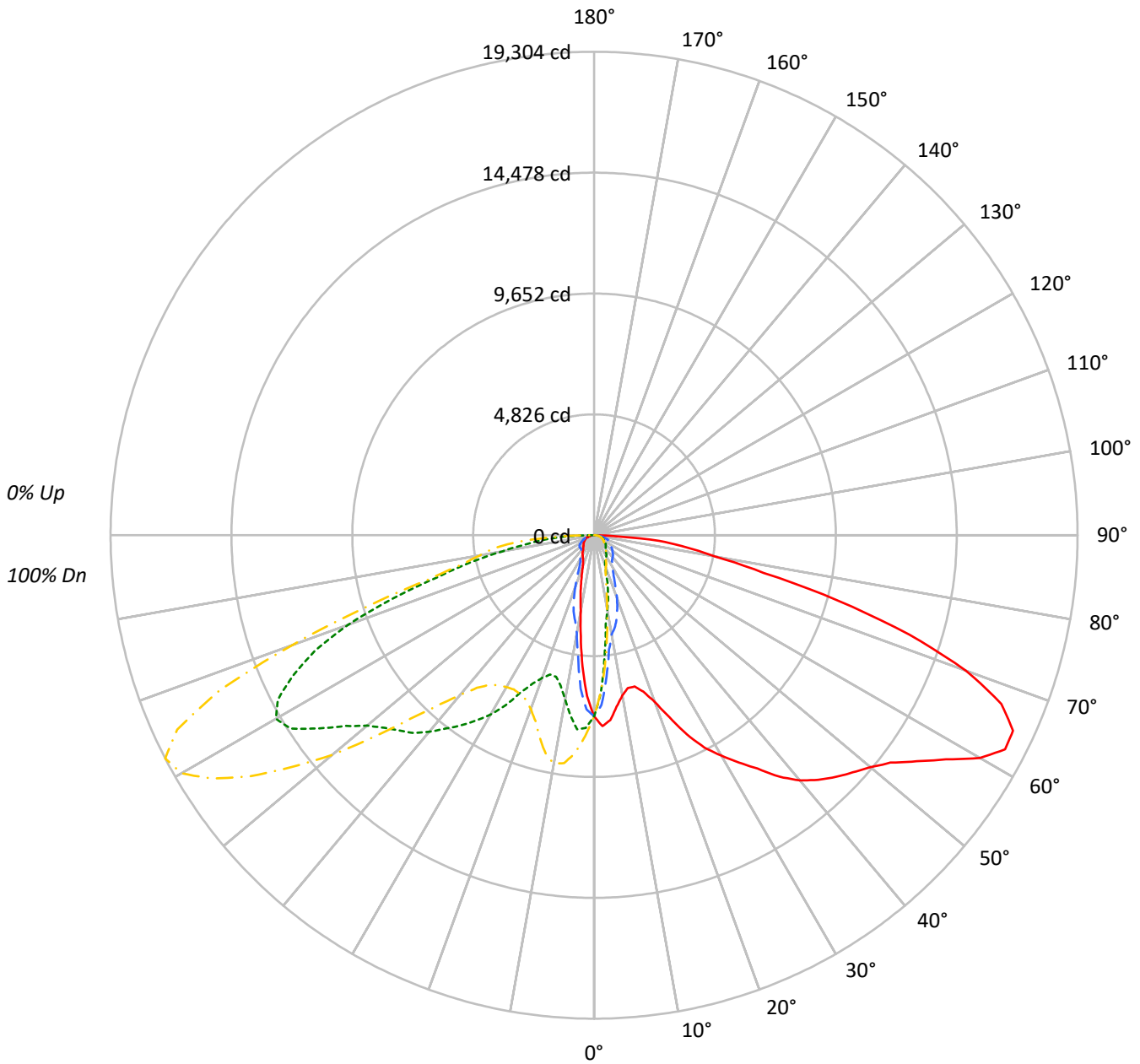
Lumens per Lamp: N/A
 Luminaire Lumens: 24183.4 lumens
 Efficiency: N/A
 Efficacy: 110.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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°	77759	77759	77759	77759
5°	80023	52037	56847	84069
10°	70996	33065	33397	72655
15°	69678	23452	22211	65168
20°	81011	14835	14951	69421
25°	104182	12738	12377	82073
30°	126256	12072	11318	102740
35°	149436	10636	10238	121782
40°	179556	10094	9383	143873
45°	207767	10010	9086	167723
50°	241265	10166	9150	198061
55°	295250	10443	9304	252339
60°	382913	10454	9802	315609
65°	470031	10565	10050	337836
70°	497371	11144	10508	328928
75°	418676	11782	10518	268458
80°	304176	13798	10662	232048
85°	322390	19995	8744	241163

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	559.1	2.3
10°-20°	1170.1	4.8
20°-30°	1686.2	7.0
30°-40°	2427.4	10.0
40°-50°	3448.0	14.3
50°-60°	4957.3	20.5
60°-70°	5727.3	23.7
70°-80°	3242.9	13.4
80°-90°	965.1	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°	3415.4	14.1
0°-40°	5842.8	24.2
0°-60°	14248.1	58.9
0°-90°	24183.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24183.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7224	7224	7224	7224	7224	
5°	7406	4816	5261	7780	7406	672
15°	6253	2104	1993	5848	6253	1839
25°	8772	1072	1042	6910	8772	4072
35°	11372	809	779	9268	11372	7217
45°	13649	658	597	11018	13649	10568
55°	15733	556	496	13446	15733	14249
65°	18455	415	395	13264	18455	17697
75°	10067	283	253	6455	10067	10682
85°	2610	162	71	1953	2610	2600
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°	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0
2.5°	7628.7	7618.6	7557.9	7365.7	7163.3	6971.1	6789.0	6596.7	6495.5	6374.1	6323.5
5°	7406.1	7385.9	7213.9	6789.0	6414.6	6009.9	5665.9	5392.7	5170.1	4947.5	4866.6
7.5°	6900.3	6869.9	6667.5	6080.7	5534.4	5008.2	4593.4	4239.3	3945.9	3814.4	3662.6
10°	6495.5	6445.0	6181.9	5534.4	4826.1	4300.0	4026.8	3784.0	3531.1	3318.6	3096.0
12.5°	6242.6	6181.9	5908.7	5149.9	4461.9	4067.3	3784.0	3510.8	3197.2	2934.1	2691.3
15°	6252.7	6181.9	5848.0	5048.7	4370.8	3865.0	3470.4	3096.0	2731.8	2438.4	2165.2
17.5°	6546.1	6455.1	6101.0	5190.4	4300.0	3601.9	3075.8	2590.1	2175.3	1861.7	1639.1
20°	7072.3	7011.5	6606.8	5402.8	4229.2	3318.6	2671.1	2084.2	1649.2	1406.4	1315.3
22.5°	7861.4	7790.6	7355.5	5726.6	4209.0	3065.7	2236.0	1639.1	1325.4	1224.2	1173.6
25°	8772.0	8640.5	8235.8	6273.0	4249.4	2832.9	1881.9	1355.8	1183.8	1112.9	1082.6
27.5°	9561.2	9480.3	9025.0	6789.0	4269.7	2650.8	1639.1	1234.4	1102.8	1042.1	1021.9
30°	10158.1	10127.8	9682.6	7355.5	4219.1	2428.2	1487.3	1183.8	1102.8	1042.1	981.4
32.5°	10755.1	10765.2	10289.7	7790.6	4148.2	2236.0	1345.7	1052.2	971.3	930.8	940.9
35°	11372.3	11422.9	11018.1	8215.5	3996.5	2165.2	1244.5	981.4	910.6	849.9	819.5
37.5°	12151.3	12282.9	11888.3	8691.1	3844.7	2104.5	1193.9	930.8	860.0	809.4	768.9
40°	12778.6	13021.4	12788.7	9136.3	3743.5	2033.7	1153.4	880.2	829.6	768.9	738.6
42.5°	13244.0	13527.3	13446.4	9480.3	3743.5	1962.8	1112.9	849.9	809.4	738.6	698.1
45°	13648.7	13942.2	13932.0	9834.4	3824.5	1922.4	1062.4	849.9	789.2	718.4	677.9
47.5°	14013.0	14306.4	14407.6	10279.6	3956.0	1902.1	1001.6	829.6	789.2	708.2	647.5
50°	14407.6	14731.3	15034.9	10987.8	4117.9	1851.5	961.2	799.3	799.3	698.1	627.3
52.5°	14913.4	15277.7	15834.2	11868.0	4279.8	1760.5	900.5	779.1	799.3	688.0	607.1
55°	15733.0	16036.5	16765.0	12920.3	4482.1	1649.2	849.9	728.5	758.8	657.6	576.7
57.5°	16653.7	16916.7	17523.8	13729.7	4542.8	1507.5	779.1	677.9	728.5	627.3	536.2
60°	17786.9	17918.4	17918.4	13962.4	4340.5	1376.0	728.5	637.4	657.6	596.9	505.9
62.5°	18505.2	18505.2	17918.4	13537.4	3956.0	1264.7	688.0	596.9	576.7	556.5	475.5
65°	18454.6	18373.7	17503.6	12303.1	3510.8	1193.9	647.5	546.4	516.0	505.9	445.2
67.5°	17604.7	17463.1	16279.3	10562.8	3045.4	1163.5	607.1	495.8	475.5	455.3	404.7
70°	15803.8	15439.6	13982.6	8498.8	2590.1	1143.3	596.9	455.3	435.1	414.8	374.4
72.5°	13193.4	12728.0	10917.0	6536.0	2175.3	1072.5	566.6	404.7	394.6	374.4	333.9
75°	10067.1	9207.1	7618.6	4998.1	1689.7	930.8	485.6	354.1	354.1	344.0	303.5
77.5°	6940.7	6495.5	5311.8	3693.0	1234.4	718.4	394.6	313.6	313.6	323.8	283.3
80°	4907.1	4492.2	3784.0	2650.8	779.1	485.6	303.5	263.1	293.4	313.6	263.1
82.5°	3753.7	3450.1	2812.7	1932.5	455.3	333.9	232.7	212.5	252.9	273.2	222.6
85°	2610.4	2246.1	1426.6	1295.1	263.1	202.4	172.0	172.0	222.6	273.2	202.4
87.5°	738.6	313.6	91.1	384.5	111.3	80.9	60.7	40.5	60.7	60.7	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°	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0
2.5°	6273.0	6212.3	6212.3	6192.0	6202.1	6212.3	6202.1	6273.0	6303.3	6343.8	6424.7
5°	4816.0	4897.0	4836.2	4897.0	4977.9	5099.3	5129.7	5220.7	5230.8	5301.7	5261.2
7.5°	3571.5	3561.4	3510.8	3581.7	3804.2	3976.2	4057.2	4107.8	4117.9	4117.9	4067.3
10°	3025.2	2934.1	2843.1	2792.5	2812.7	2994.8	3055.5	3085.9	3065.7	3096.0	3055.5
12.5°	2590.1	2509.2	2377.7	2286.6	2225.9	2276.5	2337.2	2367.5	2387.8	2438.4	2478.8
15°	2104.5	2023.5	1942.6	1892.0	1841.4	1800.9	1851.5	1881.9	1932.5	1972.9	1993.2
17.5°	1598.6	1558.1	1517.7	1548.0	1548.0	1527.8	1548.0	1558.1	1578.4	1608.7	1598.6
20°	1295.1	1284.9	1274.8	1325.4	1365.9	1365.9	1386.1	1355.8	1345.7	1315.3	1305.2
22.5°	1153.4	1153.4	1163.5	1204.0	1244.5	1264.7	1264.7	1214.1	1163.5	1143.3	1153.4
25°	1072.5	1072.5	1102.8	1112.9	1133.2	1133.2	1143.3	1092.7	1062.4	1032.0	1042.1
27.5°	1011.8	1011.8	1021.9	1021.9	1032.0	1032.0	1042.1	1021.9	981.4	971.3	971.3
30°	971.3	971.3	961.2	961.2	961.2	961.2	971.3	940.9	920.7	910.6	910.6
32.5°	930.8	920.7	910.6	910.6	900.5	900.5	910.6	880.2	870.1	870.1	870.1
35°	809.4	799.3	809.4	829.6	829.6	839.8	839.8	829.6	809.4	789.2	779.1
37.5°	758.8	748.7	748.7	748.7	768.9	779.1	789.2	768.9	738.6	708.2	708.2
40°	718.4	718.4	708.2	708.2	708.2	728.5	748.7	718.4	677.9	667.8	667.8
42.5°	688.0	677.9	667.8	657.6	647.5	677.9	698.1	657.6	637.4	637.4	637.4
45°	657.6	647.5	637.4	627.3	617.2	627.3	647.5	607.1	596.9	596.9	596.9
47.5°	627.3	617.2	596.9	586.8	576.7	576.7	596.9	566.6	556.5	566.6	566.6
50°	607.1	586.8	566.6	556.5	546.4	546.4	546.4	536.2	536.2	536.2	546.4
52.5°	586.8	566.6	536.2	526.1	516.0	516.0	516.0	516.0	505.9	516.0	526.1
55°	556.5	536.2	516.0	505.9	495.8	485.6	495.8	485.6	485.6	495.8	495.8
57.5°	516.0	495.8	475.5	475.5	465.4	465.4	475.5	465.4	465.4	475.5	475.5
60°	485.6	465.4	445.2	445.2	435.1	445.2	455.3	445.2	445.2	445.2	455.3
62.5°	445.2	435.1	414.8	414.8	414.8	414.8	424.9	414.8	424.9	424.9	424.9
65°	414.8	394.6	384.5	384.5	384.5	384.5	404.7	384.5	394.6	394.6	394.6
67.5°	384.5	364.2	354.1	354.1	354.1	354.1	374.4	354.1	364.2	374.4	364.2
70°	354.1	333.9	323.8	323.8	323.8	323.8	333.9	323.8	323.8	333.9	333.9
72.5°	313.6	303.5	293.4	293.4	283.3	293.4	303.5	293.4	293.4	293.4	293.4
75°	283.3	273.2	273.2	263.1	263.1	263.1	273.2	252.9	252.9	252.9	252.9
77.5°	263.1	242.8	242.8	242.8	232.7	242.8	232.7	212.5	212.5	212.5	212.5
80°	222.6	202.4	212.5	212.5	202.4	202.4	192.2	172.0	172.0	172.0	172.0
82.5°	182.1	161.9	172.0	172.0	172.0	172.0	151.8	141.6	131.5	121.4	121.4
85°	161.9	131.5	151.8	151.8	141.6	141.6	101.2	101.2	80.9	80.9	70.8
87.5°	30.4	20.2	40.5	50.6	50.6	60.7	40.5	50.6	30.4	20.2	20.2
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°	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0
2.5°	6414.6	6525.9	6677.7	6789.0	6961.0	7092.5	7294.8	7466.8	7628.7	7699.5	7770.4
5°	5382.6	5453.4	5686.1	5868.2	6141.4	6434.8	6799.1	7193.7	7598.4	7780.5	7993.0
7.5°	4026.8	4158.4	4289.9	4553.0	4886.8	5362.4	5827.8	6414.6	6981.2	7254.4	7618.6
10°	3126.4	3227.5	3379.3	3652.5	3966.1	4360.7	4917.2	5615.3	6293.2	6647.3	7021.7
12.5°	2509.2	2650.8	2853.2	3136.5	3500.7	3905.4	4310.1	4957.7	5746.8	6151.5	6576.5
15°	2033.7	2144.9	2367.5	2721.7	3146.6	3561.4	3986.4	4522.6	5382.6	5848.0	6353.9
17.5°	1618.8	1699.8	1902.1	2256.2	2681.2	3146.6	3632.2	4310.1	5261.2	5827.8	6424.7
20°	1315.3	1376.0	1507.5	1770.6	2175.3	2681.2	3288.2	4107.8	5332.0	6060.5	6789.0
22.5°	1153.4	1173.6	1234.4	1376.0	1709.9	2246.1	2974.6	3935.8	5463.5	6404.5	7385.9
25°	1042.1	1062.4	1082.6	1173.6	1365.9	1871.8	2701.4	3834.6	5746.8	6910.4	8073.9
27.5°	971.3	991.5	1001.6	1042.1	1173.6	1598.6	2468.7	3773.9	6131.3	7649.0	8923.8
30°	910.6	910.6	940.9	1001.6	1092.7	1406.4	2266.4	3632.2	6536.0	8266.1	9591.6
32.5°	860.0	870.1	910.6	940.9	1001.6	1244.5	2064.0	3450.1	6900.3	8772.0	10249.2
35°	768.9	768.9	779.1	829.6	910.6	1112.9	1881.9	3268.0	7102.6	9267.8	10836.0
37.5°	708.2	718.4	738.6	779.1	849.9	1021.9	1730.1	3065.7	7315.1	9733.2	11524.0
40°	667.8	677.9	698.1	738.6	809.4	940.9	1598.6	2903.8	7537.7	10239.1	12262.6
42.5°	637.4	647.5	667.8	708.2	768.9	920.7	1456.9	2772.2	7669.2	10704.5	12960.7
45°	607.1	617.2	647.5	688.0	738.6	900.5	1376.0	2681.2	7719.8	11018.1	13517.2
47.5°	576.7	586.8	617.2	677.9	738.6	870.1	1345.7	2630.6	7760.3	11372.3	13962.4
50°	546.4	566.6	607.1	667.8	748.7	829.6	1325.4	2620.5	7993.0	11827.6	14387.3
52.5°	526.1	556.5	596.9	667.8	738.6	768.9	1315.3	2650.8	8458.4	12505.4	14994.4
55°	505.9	536.2	576.7	667.8	708.2	718.4	1264.7	2701.4	9166.6	13446.4	15854.4
57.5°	485.6	505.9	556.5	647.5	667.8	677.9	1163.5	2772.2	9874.8	14367.1	16734.6
60°	455.3	475.5	526.1	647.5	607.1	637.4	1032.0	2792.5	10380.7	14660.5	16815.6
62.5°	424.9	445.2	495.8	667.8	556.5	596.9	920.7	2721.7	10481.9	14235.6	16360.3
65°	394.6	414.8	455.3	556.5	516.0	556.5	849.9	2529.4	10148.0	13264.3	15530.6
67.5°	364.2	384.5	414.8	455.3	465.4	505.9	819.5	2225.9	9308.3	12060.3	14397.4
70°	323.8	344.0	374.4	404.7	414.8	475.5	768.9	1932.5	7952.5	10451.6	13011.3
72.5°	293.4	303.5	333.9	354.1	374.4	435.1	738.6	1689.7	6080.7	8458.4	10613.4
75°	252.9	252.9	283.3	303.5	323.8	384.5	677.9	1406.4	4289.9	6455.1	7800.7
77.5°	212.5	212.5	232.7	252.9	273.2	333.9	576.7	1143.3	2974.6	5119.5	5655.8
80°	161.9	161.9	182.1	202.4	222.6	283.3	465.4	839.8	1841.4	3743.5	4117.9
82.5°	111.3	111.3	141.6	151.8	161.9	222.6	354.1	576.7	1082.6	2701.4	2944.2
85°	60.7	60.7	80.9	91.1	111.3	161.9	263.1	404.7	647.5	1952.7	1962.8
87.5°	10.1	10.1	30.4	30.4	50.6	80.9	151.8	222.6	364.2	1082.6	688.0
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°	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0	7224.0
2.5°	7901.9	8013.2	8023.3	8023.3	7972.7	7982.8	7841.2	7689.4	7638.8	7628.7
5°	8316.7	8610.1	8691.1	8731.6	8600.0	8397.7	8033.4	7638.8	7436.5	7406.1
7.5°	8235.8	8822.6	9136.3	9176.7	8913.7	8438.1	7800.7	7193.7	6961.0	6900.3
10°	7760.3	8549.4	9116.0	9257.7	8974.4	8367.3	7537.7	6829.4	6546.1	6495.5
12.5°	7426.4	8185.2	8741.7	8933.9	8802.4	8276.3	7406.1	6596.7	6313.4	6242.6
15°	7244.3	7942.4	8306.6	8367.3	8357.2	8134.6	7406.1	6647.3	6333.7	6252.7
17.5°	7396.0	7871.5	7922.1	7780.5	7861.4	7972.7	7568.0	6920.5	6617.0	6546.1
20°	7699.5	7841.2	7598.4	7385.9	7426.4	7780.5	7821.0	7436.5	7193.7	7072.3
22.5°	8337.0	7952.5	7396.0	7102.6	7133.0	7628.7	8154.8	8134.6	7922.1	7861.4
25°	8984.5	8266.1	7335.3	6991.3	7031.8	7598.4	8549.4	8913.7	8802.4	8772.0
27.5°	9702.8	8792.3	7375.8	6940.7	6991.3	7638.8	8822.6	9571.3	9591.6	9561.2
30°	10188.5	9045.2	7497.2	7001.4	7072.3	7740.0	8883.3	9965.9	10148.0	10158.1
32.5°	10593.2	9298.1	7750.1	7102.6	7224.0	7922.1	9045.2	10340.3	10745.0	10755.1
35°	10917.0	9581.4	8063.8	7284.7	7466.8	8225.7	9257.7	10694.4	11301.4	11372.3
37.5°	11331.8	9895.1	8428.0	7679.3	7881.7	8660.7	9632.0	11109.2	11959.1	12151.3
40°	11777.0	10208.7	8954.1	8316.7	8610.1	9308.3	10057.0	11574.6	12515.6	12778.6
42.5°	12272.7	10542.6	9551.1	9176.7	9621.9	10127.8	10542.6	11999.6	12940.5	13244.0
45°	12758.4	10947.3	10421.2	10350.4	10846.1	11099.1	11018.1	12303.1	13345.2	13648.7
47.5°	13102.4	11534.1	11473.4	11898.4	12363.8	12232.3	11574.6	12525.7	13679.1	14013.0
50°	13416.0	12262.6	12798.9	13628.5	13911.8	13466.6	12171.6	12829.2	14033.2	14407.6
52.5°	13881.4	13041.7	14164.7	15196.7	15469.9	14761.7	12819.1	13325.0	14579.6	14913.4
55°	14832.5	13921.9	15591.3	16775.1	16825.7	15945.5	13689.2	14164.7	15348.5	15733.0
57.5°	15894.9	15004.5	16724.5	18080.3	18060.0	17129.2	14670.6	15297.9	16390.6	16653.7
60°	16856.0	16097.2	17958.9	19011.1	18960.5	17989.2	15813.9	16582.9	17584.5	17786.9
62.5°	17422.6	17088.7	18505.2	19304.5	19112.3	18272.5	16785.2	17726.2	18434.4	18505.2
65°	17331.6	17655.3	17867.8	18363.6	18090.4	17483.3	17260.7	18454.6	18525.5	18454.6
67.5°	16643.6	17331.6	16117.5	16168.0	16026.4	15510.4	16522.2	18262.4	17776.7	17604.7
70°	15601.4	15652.0	13476.7	12839.3	13061.9	12353.7	14174.9	16765.0	16016.3	15803.8
72.5°	13871.3	13244.0	10188.5	9541.0	9874.8	9369.0	11372.3	14609.9	13881.4	13193.4
75°	11635.3	10492.0	7760.3	6839.5	7011.5	6991.3	8812.5	12070.4	10755.1	10067.1
77.5°	9014.8	8175.1	5726.6	5372.5	5190.4	5230.8	6151.5	8974.4	7800.7	6940.7
80°	6586.6	5716.5	4431.5	4633.9	4532.7	4289.9	4310.1	6009.9	5423.1	4907.1
82.5°	4553.0	4067.3	3591.8	4057.2	3814.4	3440.0	3359.1	4330.4	4067.3	3753.7
85°	3055.5	3348.9	2853.2	3106.1	2691.3	2478.8	3156.7	3622.1	2924.0	2610.4
87.5°	1993.2	3065.7	2053.9	1558.1	890.4	1193.9	1932.5	2377.7	1365.9	738.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)