

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: P598728

Luminaire Tested: **IFLD-L-SA8A-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: P598728
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-740-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

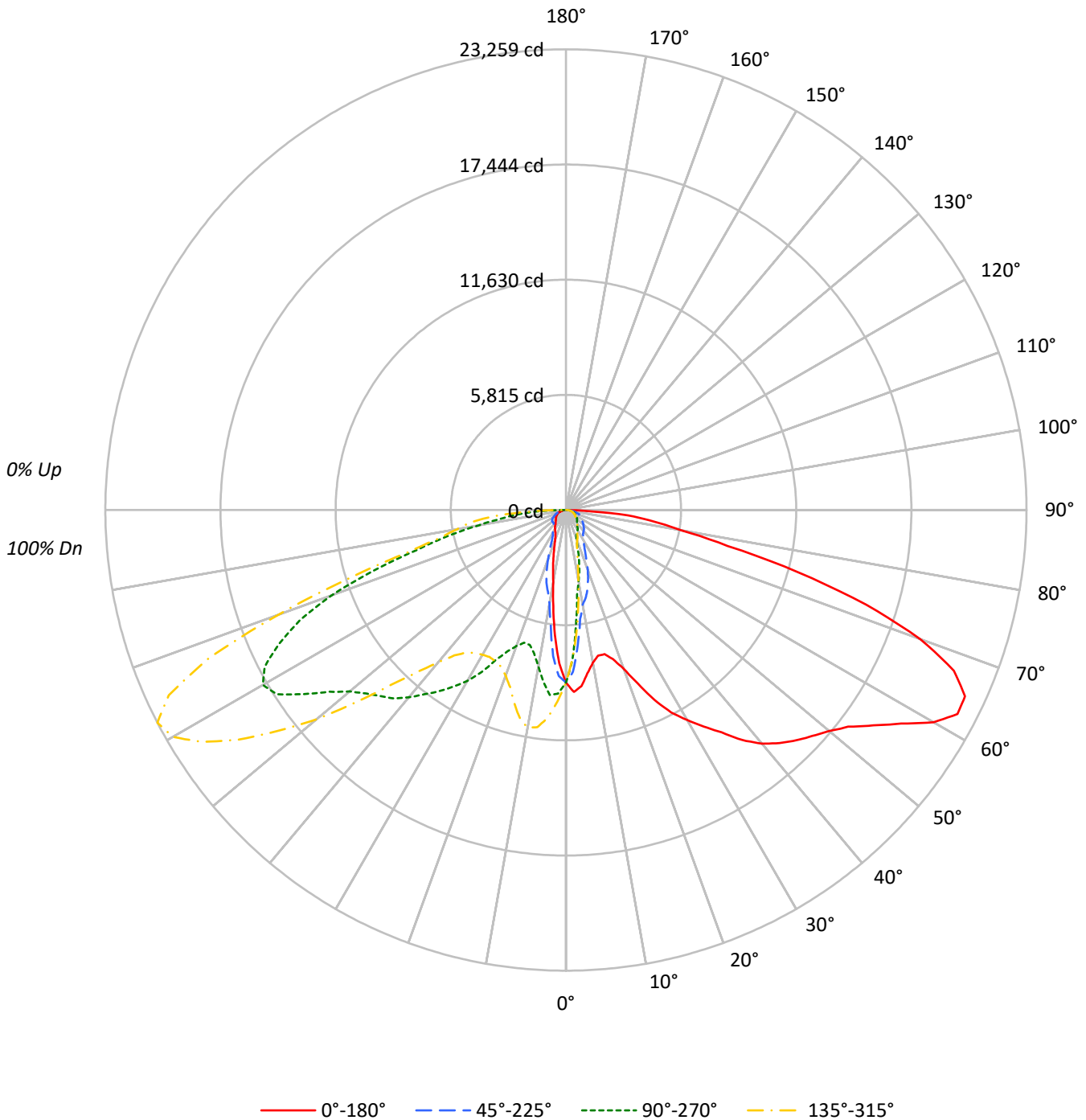
Lumens per Lamp: N/A
 Luminaire Lumens: 29137.6 lumens
 Efficiency: N/A
 Efficacy: 117.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	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°	46844	46844	46844	46844
5°	48209	31349	34247	50645
10°	42770	19919	20119	43770
15°	41976	14128	13381	39259
20°	48803	8937	9007	41821
25°	62763	7674	7456	49443
30°	76061	7273	6818	61894
35°	90024	6407	6167	73365
40°	108170	6081	5653	86673
45°	125165	6031	5474	101041
50°	145345	6124	5512	119318
55°	177868	6291	5605	152017
60°	230678	6298	5905	190133
65°	283162	6365	6054	203522
70°	299631	6714	6331	198156
75°	252222	7097	6338	161728
80°	183243	8312	6422	139793
85°	194213	12041	5267	145282

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	673.6	2.3
10°-20°	1409.8	4.8
20°-30°	2031.6	7.0
30°-40°	2924.7	10.0
40°-50°	4154.4	14.3
50°-60°	5972.8	20.5
60°-70°	6900.6	23.7
70°-80°	3907.2	13.4
80°-90°	1162.8	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°	4115.0	14.1
0°-40°	7039.8	24.2
0°-60°	17167.0	58.9
0°-90°	29137.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29137.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8704	8704	8704	8704	8704	
5°	8923	5803	6339	9374	8923	810
15°	7534	2536	2402	7046	7534	2215
25°	10569	1292	1256	8326	10569	4906
35°	13702	975	939	11166	13702	8696
45°	16445	792	719	13275	16445	12733
55°	18956	670	597	16201	18956	17168
65°	22235	500	475	15982	22235	21322
75°	12129	341	305	7778	12129	12870
85°	3145	195	85	2353	3145	3132
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°	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9
2.5°	9191.6	9179.4	9106.2	8874.6	8630.8	8399.2	8179.8	7948.1	7826.2	7679.9	7619.0
5°	8923.4	8899.0	8691.8	8179.8	7728.7	7241.1	6826.6	6497.5	6229.3	5961.1	5863.6
7.5°	8313.8	8277.3	8033.5	7326.4	6668.1	6034.2	5534.4	5107.8	4754.3	4595.8	4412.9
10°	7826.2	7765.3	7448.3	6668.1	5814.8	5180.9	4851.8	4559.2	4254.4	3998.4	3730.3
12.5°	7521.5	7448.3	7119.2	6204.9	5376.0	4900.5	4559.2	4230.1	3852.2	3535.2	3242.6
15°	7533.7	7448.3	7046.0	6083.0	5266.2	4656.7	4181.3	3730.3	3291.4	2937.9	2608.7
17.5°	7887.2	7777.5	7350.8	6253.7	5180.9	4339.8	3705.9	3120.7	2620.9	2243.0	1974.8
20°	8521.1	8447.9	7960.3	6509.7	5095.6	3998.4	3218.3	2511.2	1987.0	1694.5	1584.8
22.5°	9471.9	9386.6	8862.4	6899.8	5071.2	3693.7	2694.1	1974.8	1596.9	1475.0	1414.1
25°	10569.1	10410.6	9923.0	7558.0	5120.0	3413.3	2267.4	1633.5	1426.3	1340.9	1304.4
27.5°	11519.9	11422.4	10873.8	8179.8	5144.3	3193.9	1974.8	1487.2	1328.8	1255.6	1231.2
30°	12239.2	12202.6	11666.2	8862.4	5083.4	2925.7	1792.0	1426.3	1328.8	1255.6	1182.5
32.5°	12958.4	12970.6	12397.6	9386.6	4998.1	2694.1	1621.3	1267.8	1170.3	1121.5	1133.7
35°	13702.0	13763.0	13275.3	9898.6	4815.2	2608.7	1499.4	1182.5	1097.1	1024.0	987.4
37.5°	14640.7	14799.1	14323.7	10471.5	4632.3	2535.6	1438.5	1121.5	1036.2	975.2	926.5
40°	15396.5	15689.0	15408.7	11007.9	4510.4	2450.3	1389.7	1060.6	999.6	926.5	889.9
42.5°	15957.2	16298.6	16201.0	11422.4	4510.4	2364.9	1340.9	1024.0	975.2	889.9	841.1
45°	16444.8	16798.4	16786.2	11849.1	4608.0	2316.2	1280.0	1024.0	950.9	865.5	816.8
47.5°	16883.7	17237.2	17359.1	12385.4	4766.4	2291.8	1206.8	999.6	950.9	853.3	780.2
50°	17359.1	17749.2	18114.9	13238.8	4961.5	2230.8	1158.1	963.0	963.0	841.1	755.8
52.5°	17968.6	18407.5	19078.0	14299.3	5156.5	2121.1	1084.9	938.7	963.0	828.9	731.4
55°	18956.1	19321.8	20199.5	15567.1	5400.3	1987.0	1024.0	877.7	914.3	792.4	694.9
57.5°	20065.4	20382.3	21113.8	16542.4	5473.5	1816.4	938.7	816.8	877.7	755.8	646.1
60°	21430.7	21589.2	21589.2	16822.7	5229.7	1657.9	877.7	768.0	792.4	719.2	609.5
62.5°	22296.2	22296.2	21589.2	16310.7	4766.4	1523.8	828.9	719.2	694.9	670.5	572.9
65°	22235.3	22137.8	21089.4	14823.5	4230.1	1438.5	780.2	658.3	621.7	609.5	536.4
67.5°	21211.3	21040.6	19614.3	12726.8	3669.3	1401.9	731.4	597.3	572.9	548.6	487.6
70°	19041.4	18602.5	16847.1	10239.9	3120.7	1377.5	719.2	548.6	524.2	499.8	451.0
72.5°	15896.3	15335.5	13153.4	7875.0	2620.9	1292.2	682.7	487.6	475.4	451.0	402.3
75°	12129.4	11093.3	9179.4	6022.1	2035.8	1121.5	585.1	426.7	426.7	414.5	365.7
77.5°	8362.6	7826.2	6400.0	4449.5	1487.2	865.5	475.4	377.9	377.9	390.1	341.3
80°	5912.3	5412.5	4559.2	3193.9	938.7	585.1	365.7	317.0	353.5	377.9	317.0
82.5°	4522.6	4156.9	3388.9	2328.4	548.6	402.3	280.4	256.0	304.8	329.1	268.2
85°	3145.1	2706.3	1718.8	1560.4	317.0	243.8	207.2	207.2	268.2	329.1	243.8
87.5°	889.9	377.9	109.7	463.2	134.1	97.5	73.1	48.8	73.1	73.1	48.8
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°	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9
2.5°	7558.0	7484.9	7484.9	7460.5	7472.7	7484.9	7472.7	7558.0	7594.6	7643.4	7740.9
5°	5802.6	5900.2	5827.0	5900.2	5997.7	6144.0	6180.5	6290.2	6302.4	6387.8	6339.0
7.5°	4303.2	4291.0	4230.1	4315.4	4583.6	4790.8	4888.3	4949.3	4961.5	4961.5	4900.5
10°	3644.9	3535.2	3425.5	3364.5	3388.9	3608.4	3681.5	3718.1	3693.7	3730.3	3681.5
12.5°	3120.7	3023.2	2864.7	2755.0	2681.9	2742.8	2816.0	2852.6	2876.9	2937.9	2986.6
15°	2535.6	2438.1	2340.6	2279.6	2218.7	2169.9	2230.8	2267.4	2328.4	2377.1	2401.5
17.5°	1926.1	1877.3	1828.6	1865.1	1865.1	1840.7	1865.1	1877.3	1901.7	1938.3	1926.1
20°	1560.4	1548.2	1536.0	1596.9	1645.7	1645.7	1670.1	1633.5	1621.3	1584.8	1572.6
22.5°	1389.7	1389.7	1401.9	1450.7	1499.4	1523.8	1523.8	1462.8	1401.9	1377.5	1389.7
25°	1292.2	1292.2	1328.8	1340.9	1365.3	1365.3	1377.5	1316.6	1280.0	1243.4	1255.6
27.5°	1219.0	1219.0	1231.2	1231.2	1243.4	1243.4	1255.6	1231.2	1182.5	1170.3	1170.3
30°	1170.3	1170.3	1158.1	1158.1	1158.1	1158.1	1170.3	1133.7	1109.3	1097.1	1097.1
32.5°	1121.5	1109.3	1097.1	1097.1	1084.9	1084.9	1097.1	1060.6	1048.4	1048.4	1048.4
35°	975.2	963.0	975.2	999.6	999.6	1011.8	1011.8	999.6	975.2	950.9	938.7
37.5°	914.3	902.1	902.1	902.1	926.5	938.7	950.9	926.5	889.9	853.3	853.3
40°	865.5	865.5	853.3	853.3	853.3	877.7	902.1	865.5	816.8	804.6	804.6
42.5°	828.9	816.8	804.6	792.4	780.2	816.8	841.1	792.4	768.0	768.0	768.0
45°	792.4	780.2	768.0	755.8	743.6	755.8	780.2	731.4	719.2	719.2	719.2
47.5°	755.8	743.6	719.2	707.0	694.9	694.9	719.2	682.7	670.5	682.7	682.7
50°	731.4	707.0	682.7	670.5	658.3	658.3	658.3	646.1	646.1	646.1	658.3
52.5°	707.0	682.7	646.1	633.9	621.7	621.7	621.7	621.7	609.5	621.7	633.9
55°	670.5	646.1	621.7	609.5	597.3	585.1	597.3	585.1	585.1	597.3	597.3
57.5°	621.7	597.3	572.9	572.9	560.8	560.8	572.9	560.8	560.8	572.9	572.9
60°	585.1	560.8	536.4	536.4	524.2	536.4	548.6	536.4	536.4	536.4	548.6
62.5°	536.4	524.2	499.8	499.8	499.8	499.8	512.0	499.8	512.0	512.0	512.0
65°	499.8	475.4	463.2	463.2	463.2	463.2	487.6	463.2	475.4	475.4	475.4
67.5°	463.2	438.9	426.7	426.7	426.7	426.7	451.0	426.7	438.9	451.0	438.9
70°	426.7	402.3	390.1	390.1	390.1	390.1	402.3	390.1	390.1	402.3	402.3
72.5°	377.9	365.7	353.5	353.5	341.3	353.5	365.7	353.5	353.5	353.5	353.5
75°	341.3	329.1	329.1	317.0	317.0	317.0	329.1	304.8	304.8	304.8	304.8
77.5°	317.0	292.6	292.6	292.6	280.4	292.6	280.4	256.0	256.0	256.0	256.0
80°	268.2	243.8	256.0	256.0	243.8	243.8	231.6	207.2	207.2	207.2	207.2
82.5°	219.4	195.0	207.2	207.2	207.2	207.2	182.9	170.7	158.5	146.3	146.3
85°	195.0	158.5	182.9	182.9	170.7	170.7	121.9	121.9	97.5	97.5	85.3
87.5°	36.6	24.4	48.8	61.0	61.0	73.1	48.8	61.0	36.6	24.4	24.4
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°	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9
2.5°	7728.7	7862.8	8045.7	8179.8	8387.0	8545.5	8789.3	8996.5	9191.6	9276.9	9362.2
5°	6485.3	6570.6	6851.0	7070.4	7399.6	7753.1	8191.9	8667.4	9155.0	9374.4	9630.4
7.5°	4851.8	5010.3	5168.7	5485.7	5888.0	6460.9	7021.7	7728.7	8411.4	8740.5	9179.4
10°	3766.8	3888.7	4071.6	4400.7	4778.6	5254.1	5924.5	6765.7	7582.4	8009.1	8460.1
12.5°	3023.2	3193.9	3437.7	3779.0	4217.9	4705.5	5193.1	5973.3	6924.1	7411.8	7923.8
15°	2450.3	2584.4	2852.6	3279.2	3791.2	4291.0	4803.0	5449.1	6485.3	7046.0	7655.6
17.5°	1950.5	2048.0	2291.8	2718.5	3230.5	3791.2	4376.4	5193.1	6339.0	7021.7	7740.9
20°	1584.8	1657.9	1816.4	2133.3	2620.9	3230.5	3961.9	4949.3	6424.3	7302.0	8179.8
22.5°	1389.7	1414.1	1487.2	1657.9	2060.2	2706.3	3584.0	4742.1	6582.8	7716.5	8899.0
25°	1255.6	1280.0	1304.4	1414.1	1645.7	2255.2	3254.8	4620.2	6924.1	8326.0	9727.9
27.5°	1170.3	1194.7	1206.8	1255.6	1414.1	1926.1	2974.5	4547.0	7387.4	9215.9	10751.9
30°	1097.1	1097.1	1133.7	1206.8	1316.6	1694.5	2730.6	4376.4	7875.0	9959.6	11556.5
32.5°	1036.2	1048.4	1097.1	1133.7	1206.8	1499.4	2486.8	4156.9	8313.8	10569.1	12348.9
35°	926.5	926.5	938.7	999.6	1097.1	1340.9	2267.4	3937.5	8557.7	11166.4	13055.9
37.5°	853.3	865.5	889.9	938.7	1024.0	1231.2	2084.6	3693.7	8813.7	11727.2	13884.9
40°	804.6	816.8	841.1	889.9	975.2	1133.7	1926.1	3498.6	9081.8	12336.7	14774.8
42.5°	768.0	780.2	804.6	853.3	926.5	1109.3	1755.4	3340.2	9240.3	12897.4	15615.9
45°	731.4	743.6	780.2	828.9	889.9	1084.9	1657.9	3230.5	9301.3	13275.3	16286.4
47.5°	694.9	707.0	743.6	816.8	889.9	1048.4	1621.3	3169.5	9350.0	13702.0	16822.7
50°	658.3	682.7	731.4	804.6	902.1	999.6	1596.9	3157.3	9630.4	14250.6	17334.7
52.5°	633.9	670.5	719.2	804.6	889.9	926.5	1584.8	3193.9	10191.2	15067.3	18066.2
55°	609.5	646.1	694.9	804.6	853.3	865.5	1523.8	3254.8	11044.5	16201.0	19102.3
57.5°	585.1	609.5	670.5	780.2	804.6	816.8	1401.9	3340.2	11897.8	17310.4	20162.9
60°	548.6	572.9	633.9	780.2	731.4	768.0	1243.4	3364.5	12507.3	17663.9	20260.4
62.5°	512.0	536.4	597.3	804.6	670.5	719.2	1109.3	3279.2	12629.2	17151.9	19711.9
65°	475.4	499.8	548.6	670.5	621.7	670.5	1024.0	3047.6	12227.0	15981.6	18712.3
67.5°	438.9	463.2	499.8	548.6	560.8	609.5	987.4	2681.9	11215.2	14530.9	17346.9
70°	390.1	414.5	451.0	487.6	499.8	572.9	926.5	2328.4	9581.6	12592.7	15676.8
72.5°	353.5	365.7	402.3	426.7	451.0	524.2	889.9	2035.8	7326.4	10191.2	12787.7
75°	304.8	304.8	341.3	365.7	390.1	463.2	816.8	1694.5	5168.7	7777.5	9398.8
77.5°	256.0	256.0	280.4	304.8	329.1	402.3	694.9	1377.5	3584.0	6168.3	6814.4
80°	195.0	195.0	219.4	243.8	268.2	341.3	560.8	1011.8	2218.7	4510.4	4961.5
82.5°	134.1	134.1	170.7	182.9	195.0	268.2	426.7	694.9	1304.4	3254.8	3547.4
85°	73.1	73.1	97.5	109.7	134.1	195.0	317.0	487.6	780.2	2352.7	2364.9
87.5°	12.2	12.2	36.6	36.6	61.0	97.5	182.9	268.2	438.9	1304.4	828.9
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9	8703.9
2.5°	9520.7	9654.8	9667.0	9667.0	9606.0	9618.2	9447.6	9264.7	9203.7	9191.6
5°	10020.5	10374.0	10471.5	10520.3	10361.8	10118.0	9679.2	9203.7	8959.9	8923.4
7.5°	9923.0	10630.0	11007.9	11056.7	10739.7	10166.8	9398.8	8667.4	8387.0	8313.8
10°	9350.0	10300.9	10983.5	11154.2	10812.9	10081.5	9081.8	8228.5	7887.2	7826.2
12.5°	8947.7	9862.0	10532.5	10764.1	10605.6	9971.7	8923.4	7948.1	7606.8	7521.5
15°	8728.3	9569.5	10008.3	10081.5	10069.3	9801.1	8923.4	8009.1	7631.2	7533.7
17.5°	8911.2	9484.1	9545.1	9374.4	9471.9	9606.0	9118.4	8338.2	7972.5	7887.2
20°	9276.9	9447.6	9155.0	8899.0	8947.7	9374.4	9423.2	8959.9	8667.4	8521.1
22.5°	10044.9	9581.6	8911.2	8557.7	8594.2	9191.6	9825.5	9801.1	9545.1	9471.9
25°	10825.1	9959.6	8838.0	8423.6	8472.3	9155.0	10300.9	10739.7	10605.6	10569.1
27.5°	11690.6	10593.5	8886.8	8362.6	8423.6	9203.7	10630.0	11532.1	11556.5	11519.9
30°	12275.7	10898.2	9033.1	8435.8	8521.1	9325.7	10703.2	12007.5	12227.0	12239.2
32.5°	12763.3	11203.0	9337.8	8557.7	8703.9	9545.1	10898.2	12458.6	12946.2	12958.4
35°	13153.4	11544.3	9715.7	8777.1	8996.5	9910.8	11154.2	12885.2	13616.7	13702.0
37.5°	13653.2	11922.2	10154.6	9252.5	9496.3	10435.0	11605.3	13385.1	14409.0	14640.7
40°	14189.6	12300.1	10788.5	10020.5	10374.0	11215.2	12117.3	13945.8	15079.5	15396.5
42.5°	14786.9	12702.4	11507.7	11056.7	11593.1	12202.6	12702.4	14457.8	15591.5	15957.2
45°	15372.1	13190.0	12556.1	12470.8	13068.1	13372.9	13275.3	14823.5	16079.1	16444.8
47.5°	15786.6	13897.0	13823.9	14335.9	14896.7	14738.2	13945.8	15091.7	16481.4	16883.7
50°	16164.5	14774.8	15420.8	16420.5	16761.8	16225.4	14665.0	15457.4	16908.1	17359.1
52.5°	16725.2	15713.4	17066.5	18310.0	18639.1	17785.8	15445.2	16054.7	17566.4	17968.6
55°	17871.1	16774.0	18785.4	20211.7	20272.6	19212.1	16493.6	17066.5	18492.8	18956.1
57.5°	19151.1	18078.4	20150.7	21784.2	21759.9	20638.3	17676.1	18431.9	19748.4	20065.4
60°	20309.2	19394.9	21637.9	22905.7	22844.8	21674.5	19053.6	19980.1	21186.9	21430.7
62.5°	20991.9	20589.6	22296.2	23259.3	23027.7	22015.8	20223.9	21357.6	22210.9	22296.2
65°	20882.1	21272.2	21528.2	22125.6	21796.4	21065.0	20796.8	22235.3	22320.6	22235.3
67.5°	20053.2	20882.1	19419.3	19480.2	19309.6	18687.9	19906.9	22003.7	21418.5	21211.3
70°	18797.6	18858.5	16237.6	15469.6	15737.8	14884.5	17078.7	20199.5	19297.4	19041.4
72.5°	16713.0	15957.2	12275.7	11495.5	11897.8	11288.3	13702.0	17602.9	16725.2	15896.3
75°	14019.0	12641.4	9350.0	8240.7	8447.9	8423.6	10617.8	14543.1	12958.4	12129.4
77.5°	10861.6	9849.8	6899.8	6473.1	6253.7	6302.4	7411.8	10812.9	9398.8	8362.6
80°	7935.9	6887.6	5339.4	5583.2	5461.3	5168.7	5193.1	7241.1	6534.1	5912.3
82.5°	5485.7	4900.5	4327.6	4888.3	4595.8	4144.7	4047.2	5217.5	4900.5	4522.6
85°	3681.5	4035.0	3437.7	3742.5	3242.6	2986.6	3803.4	4364.2	3523.0	3145.1
87.5°	2401.5	3693.7	2474.6	1877.3	1072.8	1438.5	2328.4	2864.7	1645.7	889.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)