

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: P598667

Luminaire Tested: **IFLD-L-SA7C-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: P598667
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

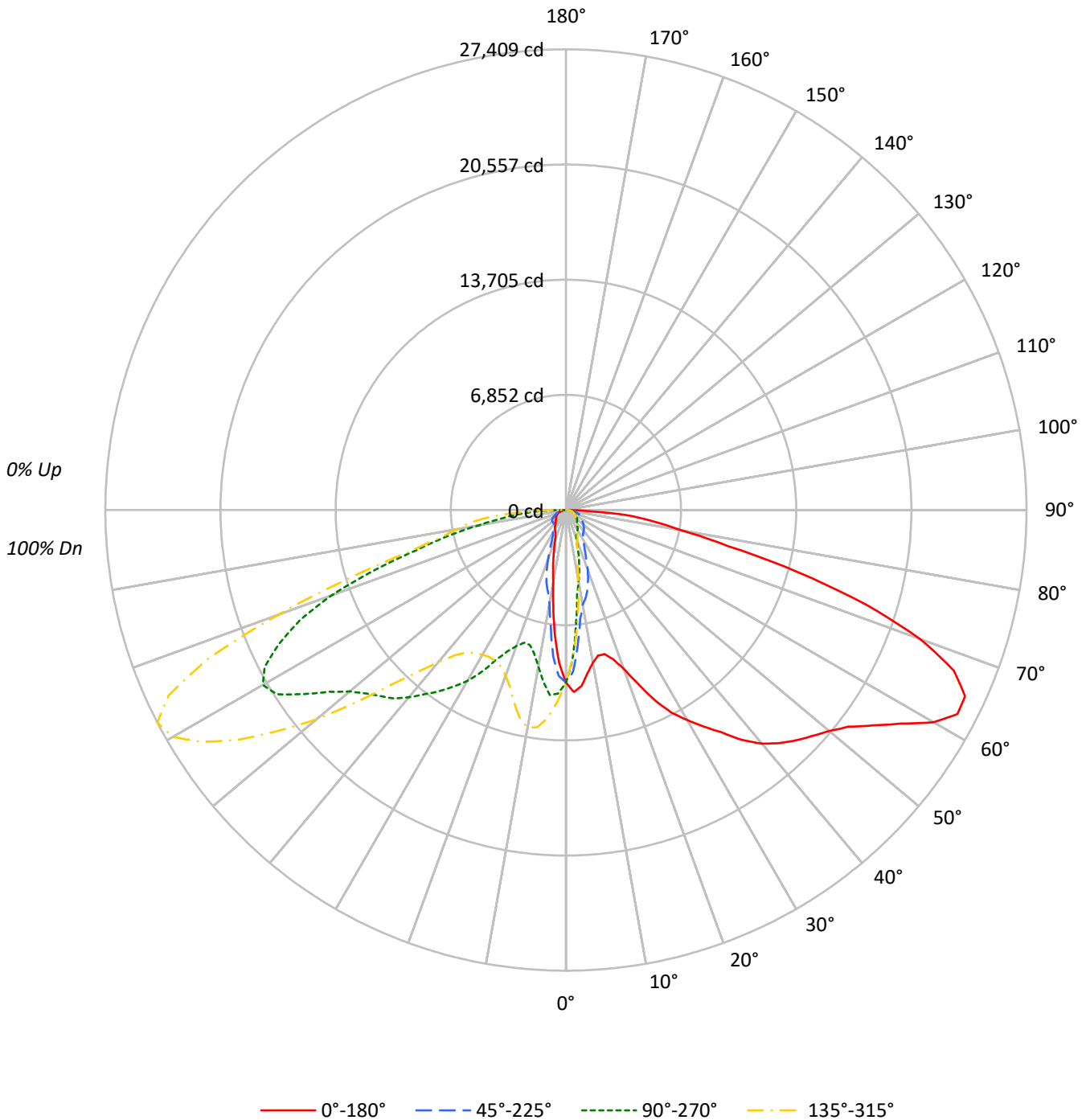
Lumens per Lamp: N/A
 Luminaire Lumens: 34335.9 lumens
 Efficiency: N/A
 Efficacy: 93.1 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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°	55202	55202	55202	55202
5°	56809	36941	40356	59681
10°	50401	23473	23709	51578
15°	49465	16649	15768	46263
20°	57510	10531	10613	49283
25°	73960	9042	8786	58263
30°	89631	8570	8035	72936
35°	106085	7550	7267	86453
40°	127468	7165	6661	102136
45°	147496	7107	6451	119068
50°	171276	7217	6495	140604
55°	209600	7414	6605	179138
60°	271832	7422	6958	224053
65°	333678	7501	7134	239832
70°	353086	7912	7460	233508
75°	297221	8363	7467	190580
80°	215935	9794	7569	164733
85°	228862	14190	6212	171205

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	793.8	2.3
10°-20°	1661.3	4.8
20°-30°	2394.1	7.0
30°-40°	3446.5	10.0
40°-50°	4895.5	14.3
50°-60°	7038.4	20.5
60°-70°	8131.7	23.7
70°-80°	4604.3	13.4
80°-90°	1370.3	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°	4849.2	14.1
0°-40°	8295.7	24.2
0°-60°	20229.6	58.9
0°-90°	34335.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	34335.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10257	10257	10257	10257	10257	
5°	10515	6838	7470	11047	10515	954
15°	8878	2988	2830	8303	8878	2610
25°	12455	1523	1480	9811	12455	5781
35°	16146	1149	1106	13158	16146	10247
45°	19379	934	848	15644	19379	15005
55°	22338	790	704	19091	22338	20230
65°	26202	589	560	18833	26202	25126
75°	14293	402	359	9165	14293	15166
85°	3706	230	101	2772	3706	3691
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°	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8
2.5°	10831.4	10817.0	10730.8	10457.9	10170.6	9897.6	9639.1	9366.1	9222.5	9050.1	8978.3
5°	10515.3	10486.6	10242.4	9639.1	9107.5	8532.9	8044.5	7656.7	7340.6	7024.6	6909.7
7.5°	9797.1	9754.0	9466.7	8633.5	7857.8	7110.8	6521.8	6019.0	5602.4	5415.7	5200.2
10°	9222.5	9150.6	8777.1	7857.8	6852.2	6105.2	5717.4	5372.6	5013.5	4711.8	4395.8
12.5°	8863.3	8777.1	8389.3	7311.9	6335.1	5774.8	5372.6	4984.7	4539.4	4165.9	3821.1
15°	8877.7	8777.1	8303.1	7168.2	6205.8	5487.5	4927.3	4395.8	3878.6	3462.0	3074.2
17.5°	9294.3	9165.0	8662.2	7369.3	6105.2	5114.0	4367.0	3677.5	3088.5	2643.2	2327.2
20°	10041.3	9955.1	9380.5	7671.0	6004.7	4711.8	3792.4	2959.2	2341.5	1996.8	1867.5
22.5°	11161.8	11061.2	10443.5	8130.7	5975.9	4352.7	3174.7	2327.2	1881.8	1738.2	1666.4
25°	12454.6	12267.9	11693.3	8906.4	6033.4	4022.3	2671.9	1924.9	1680.7	1580.2	1537.1
27.5°	13575.1	13460.2	12813.8	9639.1	6062.1	3763.7	2327.2	1752.6	1565.8	1479.6	1450.9
30°	14422.7	14379.6	13747.5	10443.5	5990.3	3447.6	2111.7	1680.7	1565.8	1479.6	1393.4
32.5°	15270.2	15284.6	14609.4	11061.2	5889.7	3174.7	1910.6	1494.0	1379.1	1321.6	1336.0
35°	16146.5	16218.3	15643.7	11664.5	5674.3	3074.2	1766.9	1393.4	1292.9	1206.7	1163.6
37.5°	17252.6	17439.4	16879.1	12339.7	5458.8	2988.0	1695.1	1321.6	1221.0	1149.2	1091.8
40°	18143.3	18488.0	18157.6	12971.8	5315.1	2887.4	1637.6	1249.8	1177.9	1091.8	1048.7
42.5°	18804.1	19206.3	19091.4	13460.2	5315.1	2786.8	1580.2	1206.7	1149.2	1048.7	991.2
45°	19378.7	19795.3	19780.9	13963.0	5430.0	2729.4	1508.3	1206.7	1120.5	1019.9	962.5
47.5°	19895.8	20312.4	20456.1	14595.0	5616.8	2700.7	1422.2	1177.9	1120.5	1005.6	919.4
50°	20456.1	20915.7	21346.7	15600.6	5846.6	2628.8	1364.7	1134.9	1134.9	991.2	890.6
52.5°	21174.3	21691.5	22481.5	16850.4	6076.5	2499.5	1278.5	1106.1	1134.9	976.8	861.9
55°	22337.9	22768.8	23803.1	18344.4	6363.8	2341.5	1206.7	1034.3	1077.4	933.7	818.8
57.5°	23645.1	24018.6	24880.5	19493.6	6450.0	2140.4	1106.1	962.5	1034.3	890.6	761.4
60°	25254.0	25440.8	25440.8	19824.0	6162.7	1953.7	1034.3	905.0	933.7	847.5	718.3
62.5°	26274.0	26274.0	25440.8	19220.6	5616.8	1795.7	976.8	847.5	818.8	790.1	675.2
65°	26202.1	26087.2	24851.8	17468.1	4984.7	1695.1	919.4	775.7	732.6	718.3	632.1
67.5°	24995.5	24794.3	23113.6	14997.3	4323.9	1652.0	861.9	703.9	675.2	646.4	574.6
70°	22438.4	21921.3	19852.7	12066.8	3677.5	1623.3	847.5	646.4	617.7	589.0	531.5
72.5°	18732.2	18071.4	15500.1	9279.9	3088.5	1522.7	804.5	574.6	560.2	531.5	474.1
75°	14293.4	13072.3	10817.0	7096.4	2399.0	1321.6	689.5	502.8	502.8	488.4	431.0
77.5°	9854.5	9222.5	7541.7	5243.3	1752.6	1019.9	560.2	445.3	445.3	459.7	402.2
80°	6967.1	6378.2	5372.6	3763.7	1106.1	689.5	431.0	373.5	416.6	445.3	373.5
82.5°	5329.5	4898.5	3993.5	2743.8	646.4	474.1	330.4	301.7	359.1	387.9	316.0
85°	3706.2	3189.1	2025.5	1838.7	373.5	287.3	244.2	244.2	316.0	387.9	287.3
87.5°	1048.7	445.3	129.3	545.9	158.0	114.9	86.2	57.5	86.2	86.2	57.5
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°	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8
2.5°	8906.4	8820.2	8820.2	8791.5	8805.9	8820.2	8805.9	8906.4	8949.5	9007.0	9121.9
5°	6837.8	6952.8	6866.6	6952.8	7067.7	7240.1	7283.2	7412.4	7426.8	7527.4	7469.9
7.5°	5070.9	5056.6	4984.7	5085.3	5401.3	5645.5	5760.4	5832.3	5846.6	5846.6	5774.8
10°	4295.2	4165.9	4036.6	3964.8	3993.5	4252.1	4338.3	4381.4	4352.7	4395.8	4338.3
12.5°	3677.5	3562.6	3375.8	3246.5	3160.3	3232.2	3318.4	3361.5	3390.2	3462.0	3519.5
15°	2988.0	2873.0	2758.1	2686.3	2614.5	2557.0	2628.8	2671.9	2743.8	2801.2	2829.9
17.5°	2269.7	2212.2	2154.8	2197.9	2197.9	2169.1	2197.9	2212.2	2241.0	2284.1	2269.7
20°	1838.7	1824.4	1810.0	1881.8	1939.3	1939.3	1968.0	1924.9	1910.6	1867.5	1853.1
22.5°	1637.6	1637.6	1652.0	1709.5	1766.9	1795.7	1795.7	1723.8	1652.0	1623.3	1637.6
25°	1522.7	1522.7	1565.8	1580.2	1608.9	1608.9	1623.3	1551.4	1508.3	1465.3	1479.6
27.5°	1436.5	1436.5	1450.9	1450.9	1465.3	1465.3	1479.6	1450.9	1393.4	1379.1	1379.1
30°	1379.1	1379.1	1364.7	1364.7	1364.7	1364.7	1379.1	1336.0	1307.2	1292.9	1292.9
32.5°	1321.6	1307.2	1292.9	1292.9	1278.5	1278.5	1292.9	1249.8	1235.4	1235.4	1235.4
35°	1149.2	1134.9	1149.2	1177.9	1177.9	1192.3	1192.3	1177.9	1149.2	1120.5	1106.1
37.5°	1077.4	1063.0	1063.0	1063.0	1091.8	1106.1	1120.5	1091.8	1048.7	1005.6	1005.6
40°	1019.9	1019.9	1005.6	1005.6	1005.6	1034.3	1063.0	1019.9	962.5	948.1	948.1
42.5°	976.8	962.5	948.1	933.7	919.4	962.5	991.2	933.7	905.0	905.0	905.0
45°	933.7	919.4	905.0	890.6	876.3	890.6	919.4	861.9	847.5	847.5	847.5
47.5°	890.6	876.3	847.5	833.2	818.8	818.8	847.5	804.5	790.1	804.5	804.5
50°	861.9	833.2	804.5	790.1	775.7	775.7	775.7	761.4	761.4	761.4	775.7
52.5°	833.2	804.5	761.4	747.0	732.6	732.6	732.6	732.6	718.3	732.6	747.0
55°	790.1	761.4	732.6	718.3	703.9	689.5	703.9	689.5	689.5	703.9	703.9
57.5°	732.6	703.9	675.2	675.2	660.8	660.8	675.2	660.8	660.8	675.2	675.2
60°	689.5	660.8	632.1	632.1	617.7	632.1	646.4	632.1	632.1	632.1	646.4
62.5°	632.1	617.7	589.0	589.0	589.0	589.0	603.3	589.0	603.3	603.3	603.3
65°	589.0	560.2	545.9	545.9	545.9	545.9	574.6	545.9	560.2	560.2	560.2
67.5°	545.9	517.1	502.8	502.8	502.8	502.8	531.5	502.8	517.1	531.5	517.1
70°	502.8	474.1	459.7	459.7	459.7	459.7	474.1	459.7	459.7	474.1	474.1
72.5°	445.3	431.0	416.6	416.6	402.2	416.6	431.0	416.6	416.6	416.6	416.6
75°	402.2	387.9	387.9	373.5	373.5	373.5	387.9	359.1	359.1	359.1	359.1
77.5°	373.5	344.8	344.8	344.8	330.4	344.8	330.4	301.7	301.7	301.7	301.7
80°	316.0	287.3	301.7	301.7	287.3	287.3	272.9	244.2	244.2	244.2	244.2
82.5°	258.6	229.8	244.2	244.2	244.2	244.2	215.5	201.1	186.7	172.4	172.4
85°	229.8	186.7	215.5	215.5	201.1	201.1	143.7	143.7	114.9	114.9	100.6
87.5°	43.1	28.7	57.5	71.8	71.8	86.2	57.5	71.8	43.1	28.7	28.7
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°	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8
2.5°	9107.5	9265.6	9481.0	9639.1	9883.3	10070.0	10357.3	10601.5	10831.4	10931.9	11032.5
5°	7642.3	7742.8	8073.2	8331.8	8719.7	9136.3	9653.4	10213.7	10788.3	11046.8	11348.5
7.5°	5717.4	5904.1	6090.8	6464.3	6938.4	7613.6	8274.4	9107.5	9912.0	10299.9	10817.0
10°	4438.8	4582.5	4798.0	5185.8	5631.2	6191.4	6981.5	7972.7	8935.2	9437.9	9969.5
12.5°	3562.6	3763.7	4051.0	4453.2	4970.4	5545.0	6119.6	7038.9	8159.4	8734.0	9337.4
15°	2887.4	3045.4	3361.5	3864.2	4467.6	5056.6	5659.9	6421.2	7642.3	8303.1	9021.3
17.5°	2298.4	2413.4	2700.7	3203.4	3806.8	4467.6	5157.1	6119.6	7469.9	8274.4	9121.9
20°	1867.5	1953.7	2140.4	2513.9	3088.5	3806.8	4668.7	5832.3	7570.5	8604.8	9639.1
22.5°	1637.6	1666.4	1752.6	1953.7	2427.7	3189.1	4223.4	5588.1	7757.2	9093.2	10486.6
25°	1479.6	1508.3	1537.1	1666.4	1939.3	2657.6	3835.5	5444.4	8159.4	9811.4	11463.4
27.5°	1379.1	1407.8	1422.2	1479.6	1666.4	2269.7	3505.1	5358.2	8705.3	10860.1	12670.1
30°	1292.9	1292.9	1336.0	1422.2	1551.4	1996.8	3217.8	5157.1	9279.9	11736.4	13618.2
32.5°	1221.0	1235.4	1292.9	1336.0	1422.2	1766.9	2930.5	4898.5	9797.1	12454.6	14552.0
35°	1091.8	1091.8	1106.1	1177.9	1292.9	1580.2	2671.9	4640.0	10084.4	13158.5	15385.1
37.5°	1005.6	1019.9	1048.7	1106.1	1206.7	1450.9	2456.4	4352.7	10386.0	13819.3	16362.0
40°	948.1	962.5	991.2	1048.7	1149.2	1336.0	2269.7	4122.8	10702.1	14537.6	17410.6
42.5°	905.0	919.4	948.1	1005.6	1091.8	1307.2	2068.6	3936.1	10888.8	15198.4	18401.8
45°	861.9	876.3	919.4	976.8	1048.7	1278.5	1953.7	3806.8	10960.7	15643.7	19191.9
47.5°	818.8	833.2	876.3	962.5	1048.7	1235.4	1910.6	3735.0	11018.1	16146.5	19824.0
50°	775.7	804.5	861.9	948.1	1063.0	1177.9	1881.8	3720.6	11348.5	16792.9	20427.3
52.5°	747.0	790.1	847.5	948.1	1048.7	1091.8	1867.5	3763.7	12009.3	17755.4	21289.2
55°	718.3	761.4	818.8	948.1	1005.6	1019.9	1795.7	3835.5	13014.9	19091.4	22510.3
57.5°	689.5	718.3	790.1	919.4	948.1	962.5	1652.0	3936.1	14020.4	20398.6	23760.0
60°	646.4	675.2	747.0	919.4	861.9	905.0	1465.3	3964.8	14738.7	20815.2	23875.0
62.5°	603.3	632.1	703.9	948.1	790.1	847.5	1307.2	3864.2	14882.4	20211.8	23228.5
65°	560.2	589.0	646.4	790.1	732.6	790.1	1206.7	3591.3	14408.3	18832.8	22050.6
67.5°	517.1	545.9	589.0	646.4	660.8	718.3	1163.6	3160.3	13216.0	17123.3	20441.7
70°	459.7	488.4	531.5	574.6	589.0	675.2	1091.8	2743.8	11291.1	14839.3	18473.7
72.5°	416.6	431.0	474.1	502.8	531.5	617.7	1048.7	2399.0	8633.5	12009.3	15069.1
75°	359.1	359.1	402.2	431.0	459.7	545.9	962.5	1996.8	6090.8	9165.0	11075.6
77.5°	301.7	301.7	330.4	359.1	387.9	474.1	818.8	1623.3	4223.4	7268.8	8030.1
80°	229.8	229.8	258.6	287.3	316.0	402.2	660.8	1192.3	2614.5	5315.1	5846.6
82.5°	158.0	158.0	201.1	215.5	229.8	316.0	502.8	818.8	1537.1	3835.5	4180.3
85°	86.2	86.2	114.9	129.3	158.0	229.8	373.5	574.6	919.4	2772.5	2786.8
87.5°	14.4	14.4	43.1	43.1	71.8	114.9	215.5	316.0	517.1	1537.1	976.8
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°	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8	10256.8
2.5°	11219.2	11377.2	11391.6	11391.6	11319.8	11334.1	11133.0	10917.6	10845.7	10831.4
5°	11808.2	12224.8	12339.7	12397.2	12210.4	11923.1	11406.0	10845.7	10558.4	10515.3
7.5°	11693.3	12526.5	12971.8	13029.2	12655.7	11980.6	11075.6	10213.7	9883.3	9797.1
10°	11018.1	12138.6	12943.0	13144.2	12741.9	11880.0	10702.1	9696.5	9294.3	9222.5
12.5°	10544.1	11621.4	12411.5	12684.5	12497.7	11750.7	10515.3	9366.1	8963.9	8863.3
15°	10285.5	11276.7	11793.8	11880.0	11865.7	11549.6	10515.3	9437.9	8992.6	8877.7
17.5°	10501.0	11176.1	11248.0	11046.8	11161.8	11319.8	10745.2	9825.8	9394.8	9294.3
20°	10931.9	11133.0	10788.3	10486.6	10544.1	11046.8	11104.3	10558.4	10213.7	10041.3
22.5°	11836.9	11291.1	10501.0	10084.4	10127.5	10831.4	11578.4	11549.6	11248.0	11161.8
25°	12756.3	11736.4	10414.8	9926.4	9983.8	10788.3	12138.6	12655.7	12497.7	12454.6
27.5°	13776.2	12483.4	10472.2	9854.5	9926.4	10845.7	12526.5	13589.5	13618.2	13575.1
30°	14465.8	12842.5	10644.6	9940.7	10041.3	10989.4	12612.6	14149.7	14408.3	14422.7
32.5°	15040.4	13201.6	11003.7	10084.4	10256.8	11248.0	12842.5	14681.2	15255.8	15270.2
35°	15500.1	13603.8	11449.1	10342.9	10601.5	11678.9	13144.2	15184.0	16045.9	16146.5
37.5°	16089.0	14049.2	11966.2	10903.2	11190.5	12296.6	13675.7	15773.0	16979.7	17252.6
40°	16721.1	14494.5	12713.2	11808.2	12224.8	13216.0	14279.0	16433.8	17769.8	18143.3
42.5°	17425.0	14968.5	13560.8	13029.2	13661.3	14379.6	14968.5	17037.1	18373.1	18804.1
45°	18114.5	15543.2	14796.2	14695.6	15399.5	15758.6	15643.7	17468.1	18947.7	19378.7
47.5°	18602.9	16376.3	16290.1	16893.5	17554.3	17367.5	16433.8	17784.1	19421.8	19895.8
50°	19048.3	17410.6	18172.0	19349.9	19752.2	19120.1	17281.3	18215.1	19924.5	20456.1
52.5°	19709.1	18516.7	20111.3	21576.5	21964.4	20958.8	18200.7	18919.0	20700.3	21174.3
55°	21059.4	19766.5	22136.8	23817.5	23889.3	22639.6	19436.1	20111.3	21792.0	22337.9
57.5°	22567.7	21303.6	23745.7	25670.6	25641.9	24320.3	20829.5	21720.2	23271.6	23645.1
60°	23932.4	22855.0	25498.2	26992.2	26920.4	25541.3	22452.8	23544.6	24966.7	25254.0
62.5°	24736.9	24262.8	26274.0	27408.8	27135.9	25943.6	23831.9	25167.8	26173.4	26274.0
65°	24607.6	25067.3	25368.9	26072.8	25685.0	24823.1	24507.0	26202.1	26302.7	26202.1
67.5°	23630.8	24607.6	22883.8	22955.6	22754.5	22021.9	23458.4	25929.2	25239.7	24995.5
70°	22151.1	22223.0	19134.5	18229.4	18545.5	17539.9	20125.7	23803.1	22740.1	22438.4
72.5°	19694.7	18804.1	14465.8	13546.4	14020.4	13302.2	16146.5	20743.4	19709.1	18732.2
75°	16520.0	14896.7	11018.1	9710.9	9955.1	9926.4	12512.1	17137.7	15270.2	14293.4
77.5°	12799.4	11607.1	8130.7	7627.9	7369.3	7426.8	8734.0	12741.9	11075.6	9854.5
80°	9351.7	8116.3	6292.0	6579.3	6435.6	6090.8	6119.6	8532.9	7699.7	6967.1
82.5°	6464.3	5774.8	5099.6	5760.4	5415.7	4884.2	4769.2	6148.3	5774.8	5329.5
85°	4338.3	4754.9	4051.0	4410.1	3821.1	3519.5	4481.9	5142.7	4151.5	3706.2
87.5°	2829.9	4352.7	2916.1	2212.2	1264.1	1695.1	2743.8	3375.8	1939.3	1048.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)