

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: P599131

Luminaire Tested: **IFLD-L-SA7C-722-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599131  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7C-722-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (112) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

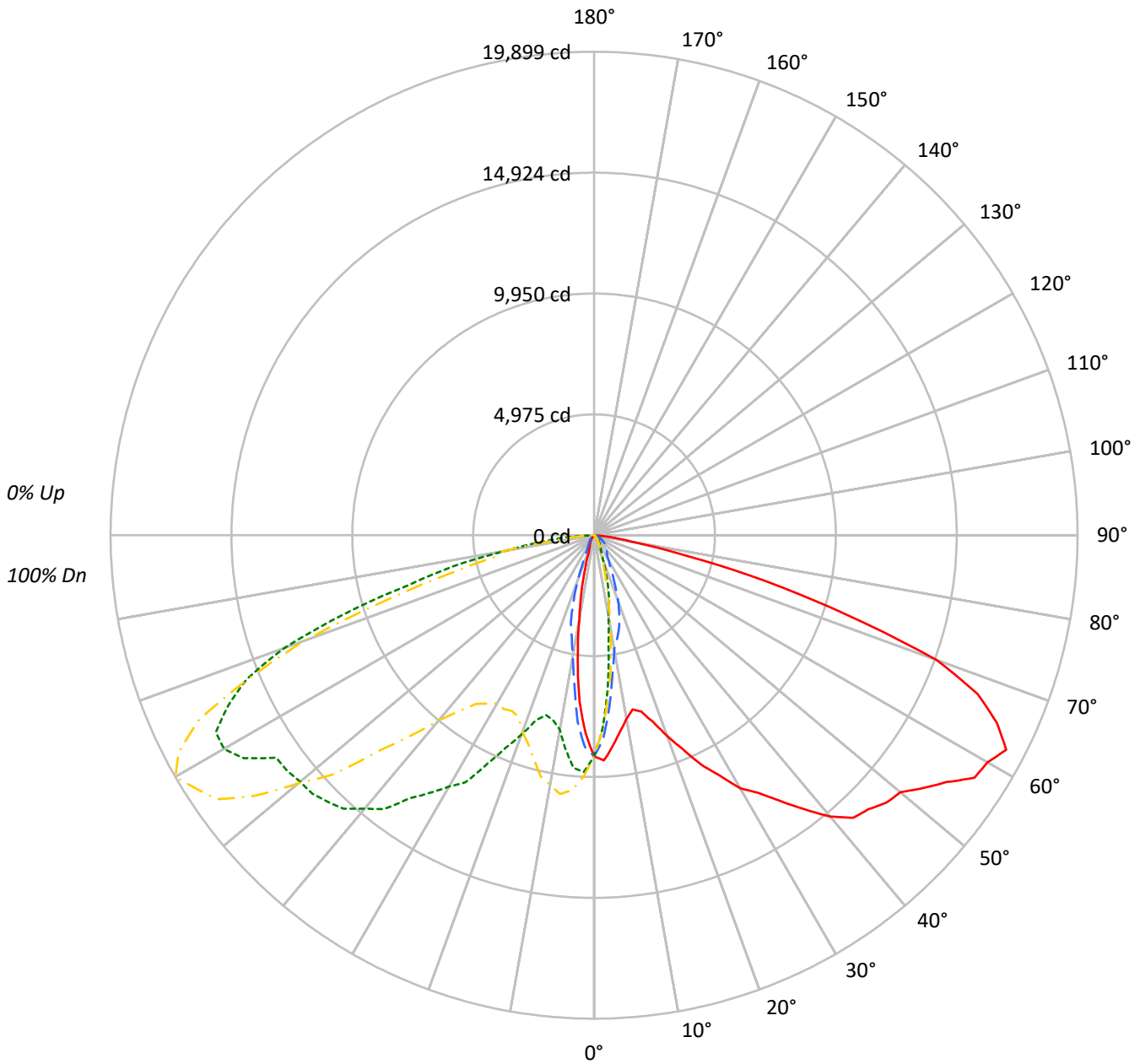
Lumens per Lamp: N/A  
 Luminaire Lumens: 23785.8 lumens  
 Efficiency: N/A  
 Efficacy: 64.5 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

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



— 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	100			100	
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	48940	48940	48940	48940
5°	47117	34437	37070	51933
10°	41950	18749	18995	44402
15°	41876	12506	7646	42662
20°	50280	6244	3049	49987
25°	61844	3922	2361	61539
30°	74723	3148	1794	74245
35°	87678	2528	1390	86793
40°	106146	2162	901	103218
45°	121437	1952	488	118069
50°	137776	1879	107	132138
55°	166194	1805	0	149827
60°	201211	1519	0	189269
65°	232991	1225	0	211757
70°	235927	1009	0	213525
75°	152684	667	0	163751
80°	52072	198	0	115872
85°	26133	0	0	85136

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	688.8	2.9
10°-20°	1333.8	5.6
20°-30°	1857.7	7.8
30°-40°	2639.5	11.1
40°-50°	3660.3	15.4
50°-60°	4987.4	21.0
60°-70°	5483.2	23.1
70°-80°	2695.0	11.3
80°-90°	440.1	1.9
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°	3880.3	16.3
0°-40°	6519.9	27.4
0°-60°	15167.5	63.8
0°-90°	23785.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23785.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9093	9093	9093	9093	9093	
5°	8721	6374	6862	9613	8721	798
15°	7516	2244	1372	7657	7516	2225
25°	10414	660	398	10363	10414	4842
35°	13345	385	212	13210	13345	8471
45°	15955	256	64	15512	15955	12368
55°	17712	192	0	15968	17712	15933
65°	18296	96	0	16628	18296	17681
75°	7343	32	0	7875	7343	8005
85°	423	0	0	1379	423	585
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°	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3
2.5°	9279.2	9388.3	9285.7	8926.5	8862.4	8689.3	8426.3	8407.1	8131.4	8163.4	8015.9
5°	8721.3	8830.3	8612.3	8137.8	7695.3	7342.6	7131.0	6752.6	6669.3	6483.3	6483.3
7.5°	8150.6	8144.2	7772.2	7374.7	6714.1	6066.5	5771.5	5226.4	4905.7	4732.6	4565.9
10°	7676.1	7573.4	7342.6	6521.8	5803.5	5130.2	4764.7	4405.6	4072.1	3783.5	3494.9
12.5°	7342.6	7406.7	7041.2	6149.8	5220.0	4751.8	4360.7	3982.3	3584.7	3257.7	2937.0
15°	7515.7	7413.1	6983.5	6066.5	5123.8	4482.5	3963.1	3501.4	3058.9	2629.2	2385.5
17.5°	8054.4	7791.5	7284.9	6066.5	4925.0	4072.1	3443.6	2898.6	2424.0	2039.3	1737.9
20°	8779.0	8477.6	7932.6	6290.9	4777.5	3770.7	2911.4	2225.2	1731.4	1372.3	1141.5
22.5°	9522.9	9285.7	8464.8	6380.7	4604.3	3366.7	2295.8	1609.6	1154.3	923.4	808.0
25°	10414.3	10080.8	9183.0	6739.8	4347.8	2975.5	1808.4	1122.2	859.3	737.5	666.9
27.5°	11126.1	11068.4	9856.4	6957.8	4155.5	2654.9	1430.0	891.4	711.8	622.0	577.1
30°	12023.9	11709.7	10677.2	7393.9	3937.4	2289.3	1192.8	801.6	654.1	557.9	525.8
32.5°	12562.6	12415.1	11106.9	7637.6	3693.7	1988.0	1026.0	705.4	596.4	525.8	493.8
35°	13344.9	13049.9	11722.5	7791.5	3565.5	1814.8	923.4	641.3	500.2	429.7	391.2
37.5°	14217.1	14108.0	12460.0	7785.1	3379.5	1712.2	852.9	596.4	474.5	397.6	352.7
40°	15108.4	14665.9	12908.9	7964.6	3283.3	1635.2	801.6	570.7	448.9	378.4	320.6
42.5°	15775.3	15268.7	13428.3	7900.5	3167.9	1500.6	782.4	532.3	429.7	346.3	295.0
45°	15954.9	15775.3	13896.4	7881.3	3084.5	1391.6	750.3	525.8	416.8	327.0	275.7
47.5°	16301.2	16179.3	14473.6	7913.3	3020.4	1308.2	673.3	538.7	397.6	307.8	262.9
50°	16455.1	16237.1	14941.7	7990.3	2872.9	1205.6	602.8	564.3	391.2	301.4	250.1
52.5°	17090.0	16897.6	15583.0	8208.3	2751.1	1070.9	532.3	538.7	404.0	282.2	237.3
55°	17712.0	17494.0	16570.5	8708.5	2577.9	961.9	455.3	474.5	384.8	256.5	211.6
57.5°	18564.9	18205.8	17231.0	8913.7	2424.0	814.4	404.0	391.2	359.1	230.9	186.0
60°	18693.1	18840.6	17134.8	8785.5	2263.7	718.2	352.7	301.4	384.8	205.2	160.3
62.5°	19122.8	18507.2	16686.0	8490.5	2148.3	660.5	314.2	250.1	333.5	179.6	134.7
65°	18295.6	17840.2	15634.3	7541.4	2000.8	666.9	275.7	205.2	211.6	147.5	109.0
67.5°	17083.5	16724.4	13890.0	6508.9	1853.3	654.1	243.7	179.6	160.3	128.3	96.2
70°	14993.0	14217.1	11799.4	5284.1	1635.2	609.2	205.2	160.3	134.7	102.6	70.5
72.5°	10908.1	10593.9	8464.8	4084.9	1468.5	551.5	192.4	134.7	115.4	77.0	57.7
75°	7342.6	6823.2	5341.8	2680.5	1179.9	481.0	160.3	121.8	89.8	57.7	44.9
77.5°	3879.7	3668.1	3026.8	1276.1	654.1	224.4	89.8	70.5	51.3	44.9	25.7
80°	1680.1	1494.2	1308.2	519.4	230.9	102.6	57.7	38.5	32.1	25.7	12.8
82.5°	859.3	820.8	679.8	224.4	134.7	77.0	32.1	25.7	19.2	12.8	6.4
85°	423.2	436.1	359.1	70.5	77.0	44.9	6.4	6.4	0.0	0.0	0.0
87.5°	32.1	32.1	25.7	12.8	19.2	6.4	0.0	0.0	0.0	0.0	0.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3
2.5°	7958.2	8048.0	7894.1	7990.3	7945.4	7964.6	7983.9	7932.6	7945.4	8124.9	8131.4
5°	6374.3	6547.4	6483.3	6573.1	6727.0	6650.0	6720.6	6707.7	6720.6	6746.2	6861.6
7.5°	4546.6	4495.3	4617.2	4854.4	5130.2	5296.9	5213.6	5168.7	5143.0	5078.9	5155.8
10°	3430.8	3405.2	3373.1	3443.6	3623.2	3809.2	3911.8	3738.6	3642.4	3520.6	3475.7
12.5°	2847.3	2686.9	2597.2	2488.1	2539.4	2706.2	2712.6	2545.9	2392.0	2327.8	2398.4
15°	2244.5	2135.4	1975.1	1821.2	1744.3	1872.5	1763.5	1603.2	1404.4	1378.7	1372.3
17.5°	1603.2	1539.1	1423.6	1359.5	1269.7	1237.7	1122.2	878.5	737.5	699.0	711.8
20°	1090.2	1038.9	1032.5	974.7	936.3	910.6	724.6	564.3	519.4	525.8	532.3
22.5°	808.0	782.4	750.3	743.9	711.8	679.8	532.3	474.5	442.5	442.5	461.7
25°	660.5	647.7	615.6	602.8	590.0	545.1	448.9	404.0	391.2	378.4	397.6
27.5°	564.3	557.9	538.7	519.4	506.6	461.7	391.2	352.7	339.9	339.9	339.9
30°	506.6	506.6	481.0	442.5	442.5	391.2	333.5	307.8	295.0	295.0	288.6
32.5°	474.5	461.7	429.7	404.0	384.8	333.5	295.0	269.3	250.1	250.1	256.5
35°	384.8	384.8	378.4	359.1	333.5	282.2	250.1	224.4	211.6	205.2	211.6
37.5°	339.9	320.6	295.0	301.4	288.6	243.7	211.6	192.4	173.1	173.1	173.1
40°	307.8	288.6	262.9	243.7	237.3	218.0	186.0	153.9	134.7	128.3	128.3
42.5°	275.7	262.9	224.4	192.4	186.0	186.0	141.1	115.4	96.2	96.2	96.2
45°	256.5	237.3	205.2	166.7	134.7	141.1	115.4	83.4	70.5	64.1	64.1
47.5°	243.7	224.4	179.6	141.1	102.6	102.6	83.4	57.7	44.9	38.5	38.5
50°	224.4	205.2	160.3	115.4	77.0	64.1	51.3	32.1	19.2	12.8	12.8
52.5°	211.6	192.4	141.1	96.2	64.1	44.9	32.1	6.4	0.0	0.0	0.0
55°	192.4	166.7	121.8	77.0	51.3	25.7	6.4	0.0	0.0	0.0	0.0
57.5°	166.7	147.5	96.2	57.7	32.1	6.4	0.0	0.0	0.0	0.0	0.0
60°	141.1	121.8	77.0	44.9	12.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	115.4	102.6	57.7	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	96.2	77.0	44.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	83.4	64.1	32.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	64.1	44.9	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.9	32.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	32.1	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	19.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3
2.5°	8157.0	8349.4	8528.9	8580.2	8721.3	9112.5	9112.5	9298.5	9631.9	9753.8	9779.4
5°	6880.9	7086.1	7124.6	7522.1	7708.1	8105.7	8368.6	8997.1	9375.4	9612.7	9760.2
7.5°	5232.8	5303.3	5450.8	5822.8	6188.3	6669.3	7169.4	7971.0	8638.0	8907.3	9407.5
10°	3597.5	3809.2	4129.8	4463.3	5034.0	5566.3	6213.9	6970.7	7791.5	8124.9	8554.6
12.5°	2424.0	2719.0	3232.0	3706.6	4232.4	4771.1	5386.7	6399.9	7329.8	7791.5	8221.1
15°	1417.2	1776.3	2218.8	2988.3	3687.3	4290.1	4905.7	5931.8	7060.4	7656.8	8182.7
17.5°	718.2	827.2	1192.8	1859.7	2783.1	3770.7	4687.7	5995.9	7265.6	7996.7	8432.8
20°	538.7	570.7	673.3	987.6	1904.6	3116.6	4482.5	6092.1	7836.4	8727.7	8965.0
22.5°	468.1	493.8	538.7	641.3	1070.9	2385.5	4193.9	6329.4	8612.3	9452.4	9952.6
25°	397.6	423.2	461.7	525.8	686.2	1622.4	3841.2	6579.5	9304.9	10363.0	10831.1
27.5°	346.3	365.5	404.0	455.3	557.9	1032.5	3232.0	6912.9	10363.0	11466.0	11587.8
30°	295.0	314.2	346.3	404.0	474.5	731.1	2372.7	6957.8	10946.6	11946.9	12286.8
32.5°	256.5	262.9	301.4	352.7	397.6	577.1	1667.3	7002.7	11376.2	12569.0	12639.5
35°	211.6	224.4	262.9	295.0	346.3	455.3	1263.3	6778.3	11934.1	13210.2	13191.0
37.5°	173.1	192.4	218.0	243.7	282.2	384.8	1006.8	6361.4	12633.1	14204.2	13601.4
40°	134.7	153.9	179.6	211.6	237.3	346.3	756.7	5733.0	13364.2	14691.6	14050.3
42.5°	96.2	109.0	134.7	166.7	211.6	288.6	545.1	4989.1	13652.7	15262.3	14589.0
45°	70.5	83.4	102.6	141.1	218.0	230.9	378.4	4309.4	13960.5	15512.4	14467.1
47.5°	38.5	51.3	77.0	121.8	192.4	173.1	269.3	3700.2	14313.2	15736.9	14563.3
50°	12.8	19.2	44.9	128.3	153.9	134.7	211.6	3373.1	14659.5	15781.8	14755.7
52.5°	0.0	0.0	25.7	134.7	115.4	102.6	186.0	3244.8	14569.8	15922.8	14633.9
55°	0.0	0.0	6.4	57.7	64.1	77.0	153.9	3238.4	15204.6	15967.7	15300.8
57.5°	0.0	0.0	0.0	19.2	38.5	64.1	134.7	3033.2	15608.6	17083.5	16198.6
60°	0.0	0.0	0.0	6.4	25.7	44.9	102.6	2853.7	16019.0	17583.7	17160.5
62.5°	0.0	0.0	0.0	0.0	6.4	19.2	70.5	2577.9	15191.8	17545.3	18090.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	44.9	2039.3	13665.6	16628.2	17577.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1410.8	11966.2	15473.9	16634.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	852.9	9657.6	13569.4	14108.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	365.5	6893.7	10773.4	11575.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.5	4264.5	7874.8	8862.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.7	2763.9	5963.9	6727.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	1474.9	3738.6	4347.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	641.3	2270.1	2616.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	205.2	1378.7	1571.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.6	282.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P599131  
 CATALOG NUMBER: IFLD-L-SA7C-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3	9093.3
2.5°	9792.3	9978.2	10048.8	9939.8	9952.6	9728.1	9696.1	9381.8	9253.6	9279.2
5°	10241.1	10510.5	10658.0	10536.1	10260.4	9830.7	9439.6	9067.6	8836.8	8721.3
7.5°	10138.5	10439.9	10625.9	10741.3	10427.1	9734.5	9138.2	8439.2	8144.2	8150.6
10°	9574.2	10202.7	10581.0	10433.5	10286.0	9593.5	8670.0	7913.3	7650.4	7676.1
12.5°	9118.9	9817.9	10042.4	10157.8	9856.4	9304.9	8682.9	7817.1	7522.1	7342.6
15°	8836.8	9356.2	9369.0	9548.6	9426.7	9426.7	8817.5	7971.0	7714.5	7515.7
17.5°	8836.8	8952.2	8939.4	9003.5	9208.7	9452.4	9157.4	8593.1	8086.5	8054.4
20°	9035.6	8676.4	8593.1	8618.7	8791.9	9516.5	9907.7	9202.3	8881.6	8779.0
22.5°	9497.3	8708.5	8201.9	8112.1	8644.4	9510.1	10388.6	10164.2	9606.3	9522.9
25°	10132.1	8650.8	8099.3	7983.9	8387.9	9741.0	11049.2	11094.0	10587.4	10414.3
27.5°	10734.9	8907.3	8086.5	8060.8	8593.1	9689.7	11504.5	11837.9	11267.2	11126.1
30°	10940.1	9163.8	8323.7	7983.9	8670.0	9875.6	11491.6	12363.8	11991.8	12023.9
32.5°	11183.8	9420.3	8349.4	8214.7	8997.1	10177.0	11857.2	13210.2	12940.9	12562.6
35°	11542.9	9766.6	8593.1	8471.2	9227.9	10446.4	11934.1	13832.3	13787.4	13344.9
37.5°	11850.7	10106.5	9099.7	9118.9	9933.3	10882.4	12274.0	14595.4	14518.4	14217.1
40°	12068.8	10581.0	9888.4	9939.8	10549.0	11369.8	12876.8	14980.2	15550.9	15108.4
42.5°	12100.8	11004.3	10792.6	11203.1	11773.8	12126.5	13120.5	15243.1	16063.9	15775.3
45°	12222.7	11677.6	12267.6	12569.0	13037.1	12793.4	13107.6	15692.0	16102.4	15954.9
47.5°	12697.2	12902.4	13646.3	14563.3	14730.1	13928.5	13415.5	15762.5	16320.4	16301.2
50°	13191.0	14217.1	15262.3	15871.5	16083.2	14710.8	13704.0	15704.8	16609.0	16455.1
52.5°	13742.5	15358.5	16865.5	17615.8	17500.4	15576.6	14031.1	16172.9	17141.3	17090.0
55°	14088.8	15871.5	17898.0	18943.2	18853.5	16544.9	15069.9	16846.3	17840.2	17712.0
57.5°	15005.8	16705.2	18924.0	19411.4	19648.6	17814.6	15794.6	17949.3	18423.8	18564.9
60°	15762.5	17250.3	19193.3	19898.7	19982.1	18571.3	17064.3	19084.3	19167.7	18693.1
62.5°	16871.9	17461.9	18622.6	19257.5	19687.1	19001.0	18205.8	19693.5	19154.9	19122.8
65°	17686.3	16769.3	17558.1	17910.8	18186.5	18346.9	19353.7	20110.4	18917.6	18295.6
67.5°	17231.0	15461.1	15313.6	15332.9	15416.2	16384.6	18968.9	19090.7	17596.6	17083.5
70°	15166.1	12684.4	12485.6	12639.5	12222.7	13389.8	17410.6	17352.9	15525.2	14993.0
72.5°	12267.6	9247.2	8907.3	9118.9	9215.1	10452.8	14646.7	13158.9	11324.9	10908.1
75°	9747.4	6778.3	5720.2	6233.2	6560.2	7611.9	11440.3	8939.4	7906.9	7342.6
77.5°	7656.8	5130.2	4450.4	4245.2	4546.6	5534.2	8323.7	4694.1	4142.6	3879.7
80°	4854.4	3770.7	4091.3	3796.3	3924.6	3950.2	4335.0	2135.4	1699.4	1680.1
82.5°	2924.2	2577.9	3065.3	1686.6	3071.7	2744.7	1802.0	968.3	859.3	859.3
85°	2071.3	1596.8	1058.1	686.2	1365.9	1507.0	699.0	500.2	436.1	423.2
87.5°	1038.9	493.8	237.3	153.9	173.1	282.2	83.4	38.5	38.5	32.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)