

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: P599158

Luminaire Tested: **IFLD-L-SA7A-727-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: P599158
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

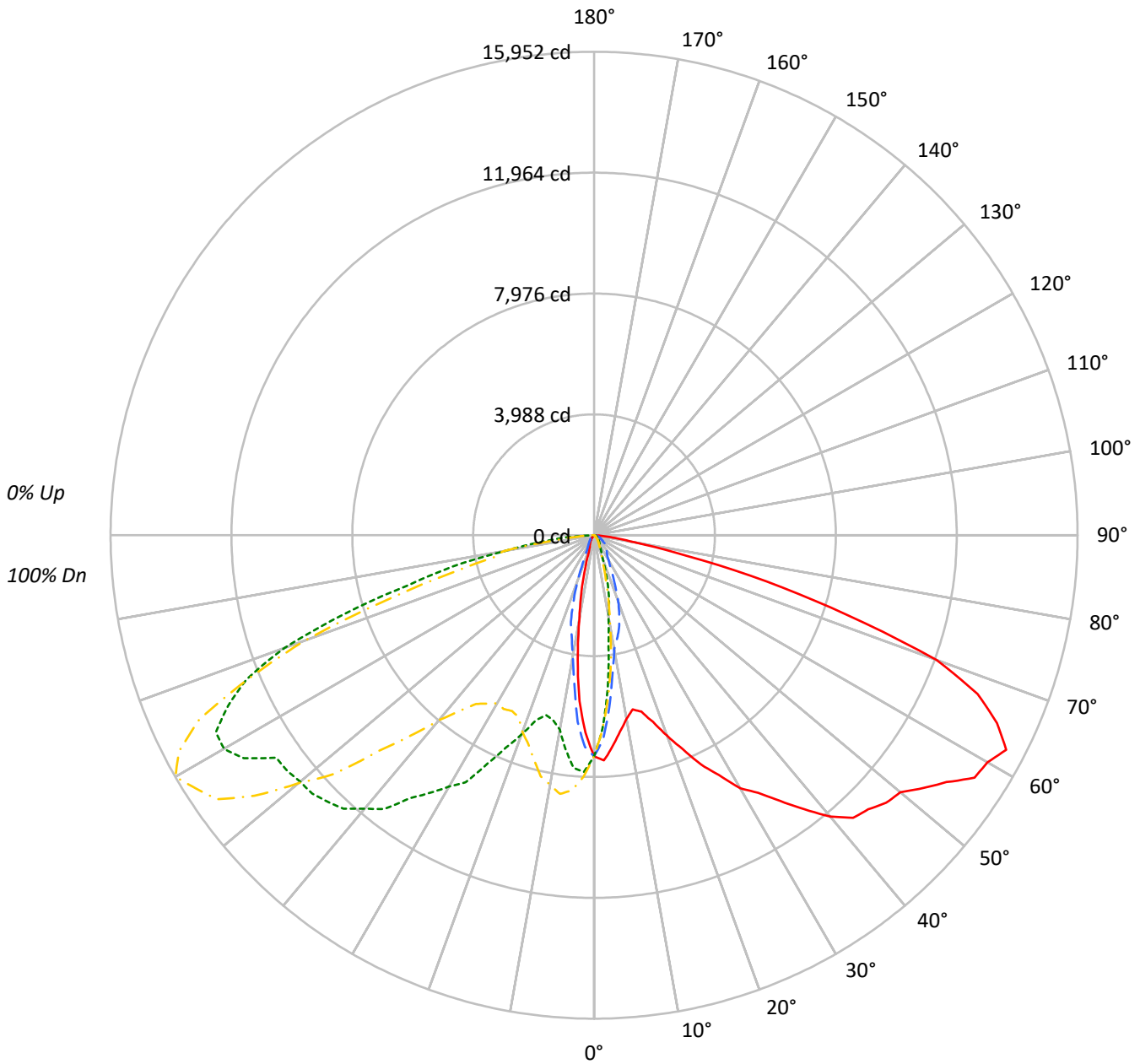
Lumens per Lamp: N/A
 Luminaire Lumens: 19067.5 lumens
 Efficiency: N/A
 Efficacy: 87.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	39232	39232	39232	39232
5°	37771	27606	29717	41631
10°	33628	15030	15227	35595
15°	33570	10025	6130	34200
20°	40307	5005	2444	40071
25°	49576	3144	1893	49332
30°	59901	2524	1437	59517
35°	70286	2026	1114	69577
40°	85090	1734	722	82743
45°	97348	1565	391	94648
50°	110446	1506	86	105926
55°	133227	1447	0	120107
60°	161298	1217	0	151725
65°	186772	982	0	169752
70°	189127	809	0	171169
75°	122397	534	0	131268
80°	41745	158	0	92887
85°	20952	0	0	68247

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	552.2	2.9
10°-20°	1069.2	5.6
20°-30°	1489.2	7.8
30°-40°	2115.9	11.1
40°-50°	2934.2	15.4
50°-60°	3998.0	21.0
60°-70°	4395.5	23.1
70°-80°	2160.4	11.3
80°-90°	352.8	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°	3110.6	16.3
0°-40°	5226.5	27.4
0°-60°	12158.8	63.8
0°-90°	19067.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19067.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7290	7290	7290	7290	7290	
5°	6991	5110	5500	7706	6991	640
15°	6025	1799	1100	6138	6025	1783
25°	8348	530	319	8307	8348	3881
35°	10698	308	170	10590	10698	6791
45°	12790	206	51	12435	12790	9915
55°	14198	154	0	12800	14198	12772
65°	14666	77	0	13330	14666	14173
75°	5886	26	0	6313	5886	6417
85°	339	0	0	1105	339	469
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°	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5
2.5°	7438.5	7525.9	7443.7	7155.8	7104.4	6965.6	6754.8	6739.4	6518.4	6544.1	6425.8
5°	6991.3	7078.7	6903.9	6523.5	6168.8	5886.1	5716.4	5413.1	5346.3	5197.2	5197.2
7.5°	6533.8	6528.6	6230.5	5911.8	5382.3	4863.1	4626.6	4189.6	3932.6	3793.8	3660.2
10°	6153.4	6071.1	5886.1	5228.1	4652.3	4112.5	3819.5	3531.6	3264.3	3033.0	2801.7
12.5°	5886.1	5937.5	5644.5	4929.9	4184.5	3809.2	3495.7	3192.4	2873.6	2611.5	2354.4
15°	6024.9	5942.6	5598.2	4863.1	4107.4	3593.3	3176.9	2806.8	2452.1	2107.7	1912.3
17.5°	6456.7	6245.9	5839.8	4863.1	3948.0	3264.3	2760.5	2323.6	1943.2	1634.7	1393.1
20°	7037.6	6796.0	6359.0	5043.0	3829.8	3022.7	2333.9	1783.8	1388.0	1100.1	915.0
22.5°	7633.9	7443.7	6785.7	5115.0	3691.0	2698.9	1840.4	1290.3	925.3	740.3	647.7
25°	8348.4	8081.1	7361.4	5402.8	3485.4	2385.3	1449.7	899.6	688.8	591.2	534.6
27.5°	8919.1	8872.8	7901.2	5577.6	3331.2	2128.2	1146.4	714.6	570.6	498.6	462.7
30°	9638.8	9386.9	8559.2	5927.2	3156.4	1835.2	956.2	642.6	524.3	447.2	421.5
32.5°	10070.6	9952.3	8903.6	6122.5	2961.0	1593.6	822.5	565.5	478.1	421.5	395.8
35°	10697.7	10461.3	9397.1	6245.9	2858.2	1454.8	740.3	514.1	401.0	344.4	313.6
37.5°	11396.9	11309.5	9988.3	6240.8	2709.1	1372.6	683.7	478.1	380.4	318.7	282.7
40°	12111.4	11756.7	10348.2	6384.7	2632.0	1310.9	642.6	457.5	359.8	303.3	257.0
42.5°	12646.0	12239.9	10764.6	6333.3	2539.5	1202.9	627.2	426.7	344.4	277.6	236.5
45°	12790.0	12646.0	11139.8	6317.9	2472.7	1115.5	601.5	421.5	334.1	262.2	221.0
47.5°	13067.6	12969.9	11602.5	6343.6	2421.3	1048.7	539.8	431.8	318.7	246.8	210.8
50°	13191.0	13016.2	11977.8	6405.3	2303.0	966.4	483.2	452.4	313.6	241.6	200.5
52.5°	13699.9	13545.7	12491.8	6580.1	2205.3	858.5	426.7	431.8	323.9	226.2	190.2
55°	14198.5	14023.7	13283.5	6981.0	2066.5	771.1	365.0	380.4	308.4	205.6	169.6
57.5°	14882.2	14594.4	13813.0	7145.5	1943.2	652.9	323.9	313.6	287.9	185.1	149.1
60°	14985.1	15103.3	13735.9	7042.7	1814.7	575.8	282.7	241.6	308.4	164.5	128.5
62.5°	15329.5	14836.0	13376.0	6806.2	1722.1	529.5	251.9	200.5	267.3	143.9	108.0
65°	14666.3	14301.3	12533.0	6045.4	1603.9	534.6	221.0	164.5	169.6	118.2	87.4
67.5°	13694.7	13406.9	11134.7	5217.8	1485.7	524.3	195.3	143.9	128.5	102.8	77.1
70°	12018.9	11396.9	9458.8	4235.9	1310.9	488.4	164.5	128.5	108.0	82.3	56.5
72.5°	8744.3	8492.4	6785.7	3274.6	1177.2	442.1	154.2	108.0	92.5	61.7	46.3
75°	5886.1	5469.7	4282.2	2148.8	945.9	385.6	128.5	97.7	72.0	46.3	36.0
77.5°	3110.1	2940.5	2426.4	1023.0	524.3	179.9	72.0	56.5	41.1	36.0	20.6
80°	1346.9	1197.8	1048.7	416.4	185.1	82.3	46.3	30.8	25.7	20.6	10.3
82.5°	688.8	658.0	544.9	179.9	108.0	61.7	25.7	20.6	15.4	10.3	5.1
85°	339.3	349.6	287.9	56.5	61.7	36.0	5.1	5.1	0.0	0.0	0.0
87.5°	25.7	25.7	20.6	10.3	15.4	5.1	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°	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5
2.5°	6379.6	6451.5	6328.2	6405.3	6369.3	6384.7	6400.1	6359.0	6369.3	6513.2	6518.4
5°	5109.8	5248.6	5197.2	5269.2	5392.6	5330.9	5387.4	5377.1	5387.4	5408.0	5500.5
7.5°	3644.7	3603.6	3701.3	3891.5	4112.5	4246.2	4179.4	4143.4	4122.8	4071.4	4133.1
10°	2750.3	2729.7	2704.0	2760.5	2904.5	3053.6	3135.8	2997.0	2919.9	2822.2	2786.2
12.5°	2282.5	2153.9	2082.0	1994.6	2035.7	2169.4	2174.5	2040.8	1917.5	1866.1	1922.6
15°	1799.2	1711.8	1583.3	1460.0	1398.3	1501.1	1413.7	1285.2	1125.8	1105.2	1100.1
17.5°	1285.2	1233.8	1141.2	1089.8	1017.9	992.1	899.6	704.3	591.2	560.3	570.6
20°	873.9	832.8	827.6	781.4	750.5	730.0	580.9	452.4	416.4	421.5	426.7
22.5°	647.7	627.2	601.5	596.3	570.6	544.9	426.7	380.4	354.7	354.7	370.1
25°	529.5	519.2	493.5	483.2	472.9	437.0	359.8	323.9	313.6	303.3	318.7
27.5°	452.4	447.2	431.8	416.4	406.1	370.1	313.6	282.7	272.5	272.5	272.5
30°	406.1	406.1	385.6	354.7	354.7	313.6	267.3	246.8	236.5	236.5	231.3
32.5°	380.4	370.1	344.4	323.9	308.4	267.3	236.5	215.9	200.5	200.5	205.6
35°	308.4	308.4	303.3	287.9	267.3	226.2	200.5	179.9	169.6	164.5	169.6
37.5°	272.5	257.0	236.5	241.6	231.3	195.3	169.6	154.2	138.8	138.8	138.8
40°	246.8	231.3	210.8	195.3	190.2	174.8	149.1	123.4	108.0	102.8	102.8
42.5°	221.0	210.8	179.9	154.2	149.1	149.1	113.1	92.5	77.1	77.1	77.1
45°	205.6	190.2	164.5	133.7	108.0	113.1	92.5	66.8	56.5	51.4	51.4
47.5°	195.3	179.9	143.9	113.1	82.3	82.3	66.8	46.3	36.0	30.8	30.8
50°	179.9	164.5	128.5	92.5	61.7	51.4	41.1	25.7	15.4	10.3	10.3
52.5°	169.6	154.2	113.1	77.1	51.4	36.0	25.7	5.1	0.0	0.0	0.0
55°	154.2	133.7	97.7	61.7	41.1	20.6	5.1	0.0	0.0	0.0	0.0
57.5°	133.7	118.2	77.1	46.3	25.7	5.1	0.0	0.0	0.0	0.0	0.0
60°	113.1	97.7	61.7	36.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	92.5	82.3	46.3	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	77.1	61.7	36.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	66.8	51.4	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	51.4	36.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	36.0	25.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	25.7	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	15.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.1	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°	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5
2.5°	6538.9	6693.2	6837.1	6878.2	6991.3	7304.9	7304.9	7454.0	7721.3	7819.0	7839.5
5°	5515.9	5680.4	5711.3	6030.0	6179.1	6497.8	6708.6	7212.4	7515.7	7705.9	7824.1
7.5°	4194.8	4251.3	4369.6	4667.7	4960.7	5346.3	5747.3	6389.9	6924.5	7140.4	7541.4
10°	2883.9	3053.6	3310.6	3577.9	4035.4	4462.1	4981.3	5587.9	6245.9	6513.2	6857.7
12.5°	1943.2	2179.6	2590.9	2971.3	3392.8	3824.7	4318.2	5130.4	5875.8	6245.9	6590.3
15°	1136.1	1424.0	1778.7	2395.6	2955.9	3439.1	3932.6	4755.1	5659.9	6138.0	6559.5
17.5°	575.8	663.1	956.2	1490.8	2231.1	3022.7	3757.8	4806.5	5824.4	6410.4	6760.0
20°	431.8	457.5	539.8	791.7	1526.8	2498.4	3593.3	4883.6	6281.9	6996.5	7186.7
22.5°	375.3	395.8	431.8	514.1	858.5	1912.3	3362.0	5073.8	6903.9	7577.3	7978.3
25°	318.7	339.3	370.1	421.5	550.1	1300.6	3079.3	5274.3	7459.1	8307.3	8682.6
27.5°	277.6	293.0	323.9	365.0	447.2	827.6	2590.9	5541.6	8307.3	9191.5	9289.2
30°	236.5	251.9	277.6	323.9	380.4	586.0	1902.0	5577.6	8775.1	9577.1	9849.5
32.5°	205.6	210.8	241.6	282.7	318.7	462.7	1336.6	5613.6	9119.5	10075.7	10132.3
35°	169.6	179.9	210.8	236.5	277.6	365.0	1012.7	5433.7	9566.8	10589.8	10574.4
37.5°	138.8	154.2	174.8	195.3	226.2	308.4	807.1	5099.5	10127.1	11386.6	10903.4
40°	108.0	123.4	143.9	169.6	190.2	277.6	606.6	4595.8	10713.2	11777.3	11263.2
42.5°	77.1	87.4	108.0	133.7	169.6	231.3	437.0	3999.4	10944.5	12234.8	11695.0
45°	56.5	66.8	82.3	113.1	174.8	185.1	303.3	3454.5	11191.2	12435.3	11597.3
47.5°	30.8	41.1	61.7	97.7	154.2	138.8	215.9	2966.2	11474.0	12615.2	11674.5
50°	10.3	15.4	36.0	102.8	123.4	108.0	169.6	2704.0	11751.6	12651.2	11828.7
52.5°	0.0	0.0	20.6	108.0	92.5	82.3	149.1	2601.2	11679.6	12764.3	11731.0
55°	0.0	0.0	5.1	46.3	51.4	61.7	123.4	2596.0	12188.5	12800.3	12265.6
57.5°	0.0	0.0	0.0	15.4	30.8	51.4	108.0	2431.5	12512.4	13694.7	12985.3
60°	0.0	0.0	0.0	5.1	20.6	36.0	82.3	2287.6	12841.4	14095.7	13756.4
62.5°	0.0	0.0	0.0	0.0	5.1	15.4	56.5	2066.5	12178.2	14064.9	14501.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	36.0	1634.7	10954.8	13329.8	14090.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	20.6	1130.9	9592.5	12404.4	13334.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	683.7	7741.8	10877.7	11309.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.0	5526.2	8636.3	9278.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.2	3418.5	6312.7	7104.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.3	2215.6	4780.8	5392.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	1182.4	2997.0	3485.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	514.1	1819.8	2097.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.5	1105.2	1259.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.6	226.2
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: P599158
 CATALOG NUMBER: IFLD-L-SA7A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5	7289.5
2.5°	7849.8	7998.9	8055.4	7968.0	7978.3	7798.4	7772.7	7520.8	7418.0	7438.5
5°	8209.6	8425.6	8543.8	8446.1	8225.1	7880.6	7567.1	7268.9	7083.8	6991.3
7.5°	8127.4	8369.0	8518.1	8610.6	8358.7	7803.5	7325.5	6765.1	6528.6	6533.8
10°	7675.0	8178.8	8482.1	8363.9	8245.6	7690.4	6950.2	6343.6	6132.8	6153.4
12.5°	7310.0	7870.4	8050.3	8142.8	7901.2	7459.1	6960.5	6266.5	6030.0	5886.1
15°	7083.8	7500.2	7510.5	7654.5	7556.8	7556.8	7068.4	6389.9	6184.2	6024.9
17.5°	7083.8	7176.4	7166.1	7217.5	7382.0	7577.3	7340.9	6888.5	6482.4	6456.7
20°	7243.2	6955.3	6888.5	6909.1	7047.9	7628.8	7942.3	7376.9	7119.8	7037.6
22.5°	7613.3	6981.0	6574.9	6502.9	6929.6	7623.6	8327.9	8148.0	7700.7	7633.9
25°	8122.3	6934.8	6492.7	6400.1	6724.0	7808.7	8857.4	8893.4	8487.2	8348.4
27.5°	8605.5	7140.4	6482.4	6461.8	6888.5	7767.6	9222.4	9489.7	9032.2	8919.1
30°	8770.0	7346.0	6672.6	6400.1	6950.2	7916.6	9212.1	9911.2	9613.1	9638.8
32.5°	8965.3	7551.6	6693.2	6585.2	7212.4	8158.2	9505.1	10589.8	10373.9	10070.6
35°	9253.2	7829.2	6888.5	6790.8	7397.4	8374.2	9566.8	11088.4	11052.4	10697.7
37.5°	9500.0	8101.7	7294.6	7310.0	7962.9	8723.7	9839.2	11700.2	11638.5	11396.9
40°	9674.7	8482.1	7926.9	7968.0	8456.4	9114.4	10322.5	12008.6	12466.1	12111.4
42.5°	9700.4	8821.4	8651.7	8980.7	9438.3	9721.0	10517.8	12219.4	12877.4	12646.0
45°	9798.1	9361.2	9834.1	10075.7	10451.0	10255.6	10507.5	12579.2	12908.2	12790.0
47.5°	10178.5	10343.0	10939.3	11674.5	11808.1	11165.5	10754.3	12635.8	13083.0	13067.6
50°	10574.4	11396.9	12234.8	12723.2	12892.8	11792.7	10985.6	12589.5	13314.3	13191.0
52.5°	11016.5	12311.9	13520.0	14121.4	14028.9	12486.7	11247.8	12964.8	13741.0	13699.9
55°	11294.1	12723.2	14347.6	15185.5	15113.6	13262.9	12080.6	13504.5	14301.3	14198.5
57.5°	12029.2	13391.4	15170.1	15560.8	15751.0	14280.8	12661.5	14388.7	14769.1	14882.2
60°	12635.8	13828.4	15386.0	15951.5	16018.3	14887.4	13679.3	15298.6	15365.5	14985.1
62.5°	13525.1	13998.0	14928.5	15437.4	15781.9	15231.8	14594.4	15787.0	15355.2	15329.5
65°	14178.0	13442.8	14075.2	14357.9	14578.9	14707.5	15514.5	16121.1	15165.0	14666.3
67.5°	13813.0	12394.2	12275.9	12291.3	12358.2	13134.4	15206.1	15303.8	14106.0	13694.7
70°	12157.7	10168.2	10008.9	10132.3	9798.1	10733.7	13956.9	13910.7	12445.6	12018.9
72.5°	9834.1	7412.8	7140.4	7310.0	7387.1	8379.3	11741.3	10548.7	9078.4	8744.3
75°	7813.8	5433.7	4585.5	4996.7	5258.9	6102.0	9171.0	7166.1	6338.4	5886.1
77.5°	6138.0	4112.5	3567.6	3403.1	3644.7	4436.4	6672.6	3763.0	3320.9	3110.1
80°	3891.5	3022.7	3279.7	3043.3	3146.1	3166.7	3475.1	1711.8	1362.3	1346.9
82.5°	2344.1	2066.5	2457.2	1352.0	2462.4	2200.2	1444.5	776.2	688.8	688.8
85°	1660.4	1280.0	848.2	550.1	1095.0	1208.1	560.3	401.0	349.6	339.3
87.5°	832.8	395.8	190.2	123.4	138.8	226.2	66.8	30.8	30.8	25.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)