

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: P599022

Luminaire Tested: **IFLD-S-SA2A-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599022  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2A-760-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (32) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

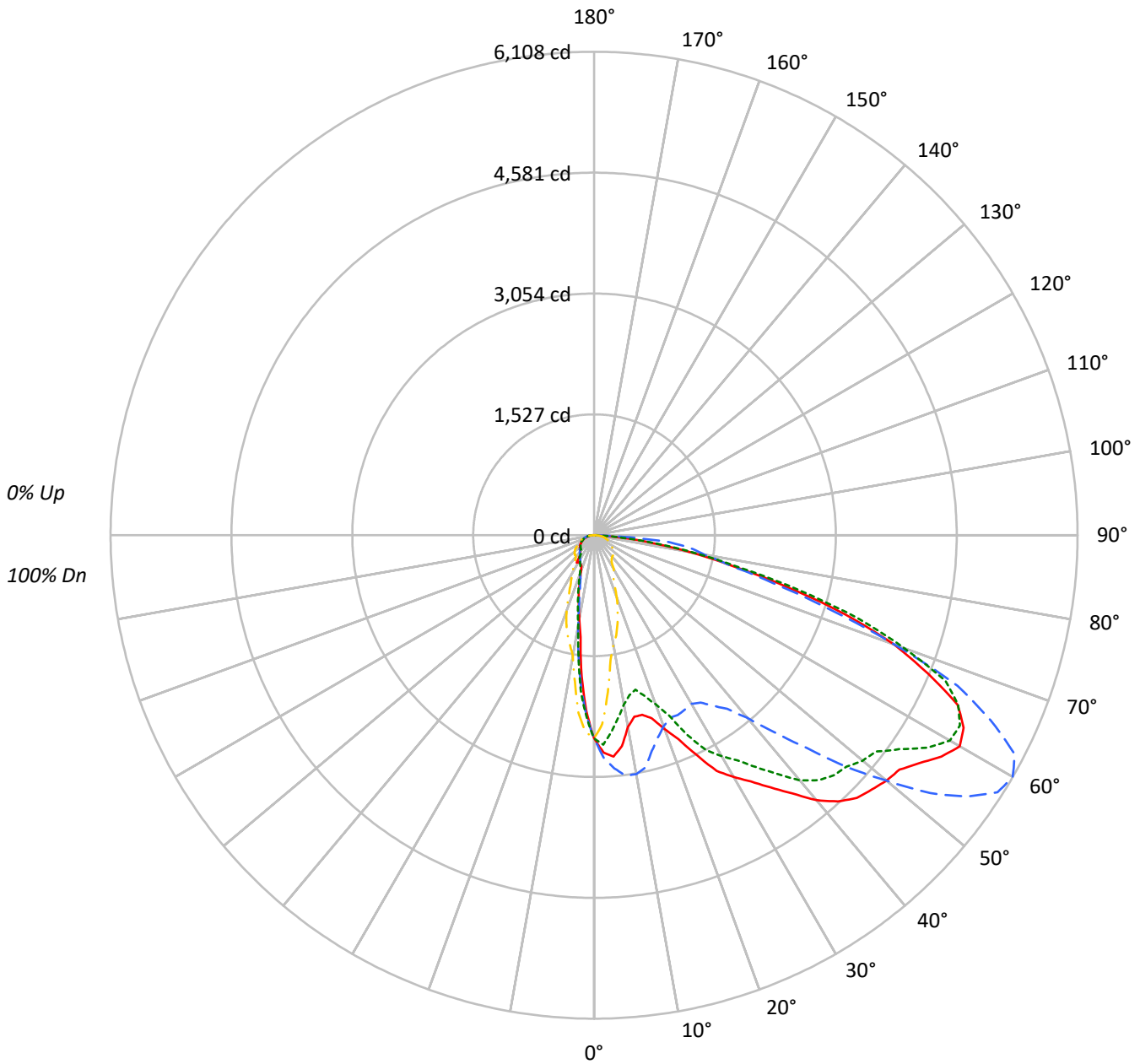
Lumens per Lamp: N/A  
 Luminaire Lumens: 8032.8 lumens  
 Efficiency: N/A  
 Efficacy: 125.9 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 63.8  
 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



— 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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15	

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

	0°	90°	180°	270°
0°	55232	55232	55232	55232
5°	60679	53904	38656	42198
10°	53747	47438	23447	25161
15°	52337	45029	16597	17235
20°	59675	52082	10857	12000
25°	72707	66020	9480	9820
30°	87605	80076	9831	9123
35°	102169	94022	8147	7679
40°	122772	113560	7610	7211
45°	142878	130508	7703	7161
50°	161469	148343	7877	7398
55°	188309	176809	8160	7758
60°	229676	223386	8133	8133
65°	258114	258476	8349	8711
70°	253674	262643	8749	8969
75°	209249	223181	9191	9782
80°	151087	158600	10166	10600
85°	83611	89786	11436	14079

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	199.3	2.5
10°-20°	420.8	5.2
20°-30°	615.7	7.7
30°-40°	867.5	10.8
40°-50°	1192.2	14.8
50°-60°	1624.8	20.2
60°-70°	1778.3	22.1
70°-80°	1026.7	12.8
80°-90°	307.4	3.8
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°	1235.8	15.4
0°-40°	2103.3	26.2
0°-60°	4920.4	61.3
0°-90°	8032.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8032.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2566	2566	2566	2566	2566	
5°	2808	2494	1789	1953	2808	255
15°	2348	2020	745	773	2348	686
25°	3061	2779	399	413	3061	1433
35°	3888	3578	310	292	3888	2465
45°	4693	4287	253	235	4693	3607
55°	5017	4711	217	207	5017	4527
65°	5067	5074	164	171	5067	4850
75°	2516	2683	110	118	2516	2702
85°	338	364	46	57	338	470
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°	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6
2.5°	2747.4	2736.7	2747.4	2786.6	2797.2	2815.1	2815.1	2790.1	2743.8	2722.4	2686.8
5°	2807.9	2790.1	2879.2	2961.2	3025.3	3018.2	2957.6	2907.7	2815.1	2676.1	2544.2
7.5°	2686.8	2704.6	2768.7	2982.5	3132.2	3160.7	3064.5	2964.7	2765.2	2572.8	2394.6
10°	2458.7	2483.7	2622.6	2843.6	3078.8	3125.1	3064.5	2943.3	2704.6	2465.9	2259.2
12.5°	2348.3	2405.3	2487.2	2754.5	2922.0	3032.4	3003.9	2925.5	2658.3	2376.8	2177.2
15°	2348.3	2362.5	2483.7	2708.2	2804.4	2807.9	2818.6	2832.9	2672.5	2416.0	2148.7
17.5°	2423.1	2462.3	2565.6	2704.6	2722.4	2679.7	2679.7	2740.2	2701.0	2526.4	2252.1
20°	2604.8	2590.6	2726.0	2783.0	2686.8	2579.9	2569.2	2672.5	2733.1	2644.0	2440.9
22.5°	2786.6	2850.7	2961.2	2832.9	2654.7	2512.2	2497.9	2626.2	2829.3	2847.1	2658.3
25°	3060.9	3125.1	3182.1	3025.3	2651.1	2494.4	2505.1	2604.8	2946.9	3135.8	3021.7
27.5°	3356.7	3395.9	3477.9	3235.5	2736.7	2473.0	2483.7	2633.3	3057.4	3324.6	3306.8
30°	3524.2	3566.9	3549.1	3274.7	2793.7	2487.2	2458.7	2672.5	2996.8	3324.6	3492.1
32.5°	3688.1	3663.1	3652.5	3338.9	2865.0	2576.3	2505.1	2754.5	3032.4	3378.1	3730.9
35°	3887.6	3852.0	3823.5	3463.6	2982.5	2661.8	2629.8	2861.4	3110.8	3488.5	3923.3
37.5°	4108.6	4108.6	3969.6	3556.2	3121.5	2800.8	2765.2	3014.6	3235.5	3556.2	4187.0
40°	4368.7	4379.4	4133.5	3681.0	3278.3	3021.7	3011.1	3214.2	3356.7	3656.0	4440.0
42.5°	4561.1	4568.2	4276.0	3727.3	3460.0	3328.2	3374.5	3534.9	3495.7	3745.1	4457.8
45°	4693.0	4657.3	4375.8	3859.1	3659.6	3787.9	3802.1	3848.4	3677.4	3798.6	4529.0
47.5°	4757.1	4750.0	4418.6	4012.4	4080.1	4254.7	4336.6	4272.5	3844.9	3741.5	4529.0
50°	4821.2	4760.7	4457.8	4222.6	4489.9	4842.6	4824.8	4707.2	4076.5	3812.8	4461.3
52.5°	4864.0	4810.6	4536.2	4411.5	4881.8	5280.9	5352.2	5134.8	4347.3	3944.7	4493.4
55°	5017.2	4974.5	4771.4	4668.0	5334.4	5744.2	5754.8	5452.0	4632.4	4162.0	4703.7
57.5°	5202.5	5227.5	5095.6	5031.5	5680.0	6082.7	6043.5	5687.1	4874.7	4425.7	4946.0
60°	5334.4	5373.6	5341.5	5348.6	5851.1	6196.7	6107.6	5833.2	5052.9	4625.3	5241.7
62.5°	5263.1	5341.5	5473.3	5444.8	5858.2	6114.7	5990.0	5640.8	5074.2	4885.4	5466.2
65°	5067.1	5074.2	5330.8	5487.6	5537.5	5690.7	5526.8	5238.2	4853.3	5045.7	5434.1
67.5°	4564.7	4621.7	4853.3	5159.8	4949.5	4985.2	4970.9	4554.0	4518.4	4935.3	5188.3
70°	4030.2	4069.4	4322.4	4682.3	4179.8	4012.4	4044.4	3734.4	3880.5	4593.2	4693.0
72.5°	3331.8	3356.7	3645.3	3962.5	3353.1	3053.8	3128.6	2875.6	3082.3	4019.5	3958.9
75°	2515.7	2562.1	2786.6	3160.7	2469.4	2277.0	2351.8	2248.5	2440.9	3310.4	3071.6
77.5°	1788.8	1753.2	2031.1	2473.0	1856.5	1742.5	1749.6	1767.4	1974.1	2790.1	2205.7
80°	1218.7	1229.4	1478.8	1813.8	1457.4	1439.6	1421.8	1564.3	1657.0	2209.3	1603.5
82.5°	723.4	723.4	997.7	1289.9	1151.0	1297.1	1215.1	1343.4	1297.1	1624.9	1051.2
85°	338.5	338.5	513.1	930.0	890.8	1069.0	908.7	1015.6	958.5	1133.2	473.9
87.5°	57.0	49.9	103.3	456.1	367.0	416.9	163.9	541.6	602.2	791.1	117.6
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°	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6
2.5°	2647.6	2622.6	2572.8	2508.6	2455.2	2387.5	2366.1	2319.8	2255.6	2248.5	2220.0
5°	2494.4	2408.8	2301.9	2170.1	2081.0	1988.4	1910.0	1863.6	1810.2	1803.1	1788.8
7.5°	2326.9	2220.0	2041.8	1885.0	1731.8	1585.7	1514.4	1425.3	1364.8	1318.4	1297.1
10°	2170.1	2070.3	1849.4	1635.6	1500.2	1404.0	1318.4	1225.8	1151.0	1094.0	1072.6
12.5°	2066.8	1949.2	1710.4	1507.3	1407.5	1297.1	1200.9	1101.1	1004.9	930.0	890.8
15°	2020.4	1910.0	1667.7	1443.2	1297.1	1143.8	1033.4	933.6	816.0	762.6	744.7
17.5°	2130.9	1967.0	1653.4	1368.3	1161.7	987.1	851.6	744.7	659.2	605.8	584.4
20°	2273.4	2070.3	1678.3	1279.3	1033.4	837.4	687.7	573.7	516.7	477.5	473.9
22.5°	2455.2	2223.5	1717.5	1215.1	890.8	673.5	538.1	470.4	431.2	427.6	420.5
25°	2779.4	2501.5	1781.7	1129.6	776.8	555.9	459.7	420.5	402.7	392.0	399.1
27.5°	3057.4	2683.2	1828.0	1076.1	730.5	523.8	445.4	402.7	384.8	381.3	384.8
30°	3221.3	2850.7	1813.8	976.4	637.8	498.9	473.9	459.7	424.0	395.5	395.5
32.5°	3371.0	2957.6	1810.2	887.3	545.2	416.9	395.5	384.8	406.2	420.5	409.8
35°	3577.6	3125.1	1799.5	837.4	506.0	384.8	349.2	320.7	306.5	299.3	310.0
37.5°	3798.6	3239.1	1771.0	830.3	484.6	367.0	338.5	310.0	295.8	288.6	285.1
40°	4040.9	3360.3	1738.9	794.6	473.9	356.3	327.8	302.9	285.1	274.4	270.8
42.5°	4197.7	3456.5	1706.9	776.8	452.5	349.2	317.1	295.8	277.9	263.7	263.7
45°	4286.7	3570.5	1674.8	759.0	427.6	352.8	317.1	288.6	267.3	260.1	253.0
47.5°	4325.9	3656.0	1664.1	730.5	406.2	338.5	310.0	281.5	260.1	245.9	242.3
50°	4429.3	3837.8	1703.3	709.1	381.3	324.3	327.8	277.9	256.6	238.7	235.2
52.5°	4489.9	3983.9	1788.8	677.0	363.5	306.5	320.7	270.8	245.9	228.1	228.1
55°	4710.8	4226.2	1881.5	652.1	342.1	281.5	295.8	256.6	228.1	217.4	217.4
57.5°	4992.3	4482.7	1959.9	641.4	327.8	263.7	263.7	249.4	217.4	203.1	199.5
60°	5188.3	4693.0	2006.2	634.3	313.6	245.9	235.2	249.4	206.7	192.4	188.9
62.5°	5209.7	4571.8	1959.9	630.7	310.0	228.1	213.8	238.7	196.0	181.7	174.6
65°	5074.2	4325.9	1831.6	616.5	306.5	210.2	199.5	206.7	181.7	171.0	163.9
67.5°	4803.4	3926.8	1646.3	609.3	302.9	196.0	181.7	178.2	167.5	156.8	149.7
70°	4172.7	3406.6	1428.9	577.3	295.8	185.3	163.9	160.4	149.7	142.5	139.0
72.5°	3502.8	2786.6	1179.5	534.5	281.5	167.5	149.7	142.5	139.0	128.3	124.7
75°	2683.2	2145.2	944.3	473.9	245.9	149.7	131.8	124.7	121.2	114.0	110.5
77.5°	1885.0	1596.4	698.4	384.8	206.7	135.4	117.6	110.5	106.9	96.2	96.2
80°	1279.3	1118.9	473.9	267.3	160.4	110.5	103.3	96.2	89.1	82.0	82.0
82.5°	794.6	783.9	342.1	174.6	117.6	89.1	82.0	82.0	71.3	64.1	64.1
85°	363.5	481.1	238.7	121.2	89.1	67.7	67.7	64.1	57.0	46.3	46.3
87.5°	114.0	160.4	124.7	53.5	49.9	39.2	39.2	35.6	35.6	28.5	28.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6
2.5°	2248.5	2244.9	2244.9	2230.7	2266.3	2266.3	2287.7	2269.9	2280.6	2284.1	2312.6
5°	1785.2	1813.8	1835.1	1877.9	1902.8	1913.5	1913.5	1942.0	1931.3	1952.7	1995.5
7.5°	1307.8	1343.4	1407.5	1461.0	1503.7	1518.0	1514.4	1521.6	1532.3	1507.3	1514.4
10°	1058.3	1033.4	1054.8	1104.6	1143.8	1190.2	1154.5	1151.0	1161.7	1151.0	1172.3
12.5°	883.7	855.2	837.4	837.4	865.9	887.3	876.6	894.4	933.6	944.3	969.2
15°	716.2	691.3	677.0	659.2	687.7	694.9	705.5	730.5	759.0	773.3	801.8
17.5°	573.7	573.7	573.7	559.4	570.1	580.8	584.4	616.5	620.0	634.3	645.0
20°	470.4	481.1	498.9	506.0	516.7	516.7	509.6	527.4	513.1	523.8	530.9
22.5°	424.0	438.3	445.4	449.0	463.2	466.8	449.0	452.5	456.1	445.4	449.0
25°	399.1	406.2	399.1	402.7	406.2	399.1	402.7	409.8	406.2	413.4	409.8
27.5°	388.4	381.3	377.7	374.2	374.2	367.0	370.6	370.6	377.7	381.3	381.3
30°	388.4	377.7	363.5	352.8	352.8	342.1	349.2	356.3	359.9	367.0	367.0
32.5°	399.1	377.7	352.8	342.1	331.4	324.3	331.4	342.1	356.3	359.9	363.5
35°	317.1	327.8	324.3	310.0	306.5	306.5	302.9	302.9	292.2	292.2	288.6
37.5°	285.1	281.5	288.6	292.2	295.8	285.1	285.1	270.8	267.3	270.8	270.8
40°	267.3	267.3	267.3	277.9	281.5	274.4	263.7	256.6	256.6	256.6	260.1
42.5°	260.1	253.0	249.4	256.6	267.3	260.1	249.4	245.9	245.9	249.4	249.4
45°	249.4	245.9	242.3	238.7	253.0	242.3	238.7	235.2	235.2	235.2	238.7
47.5°	238.7	235.2	228.1	228.1	231.6	228.1	224.5	224.5	224.5	231.6	231.6
50°	231.6	228.1	220.9	220.9	220.9	220.9	217.4	217.4	217.4	220.9	224.5
52.5°	220.9	217.4	213.8	210.2	210.2	210.2	210.2	210.2	210.2	213.8	217.4
55°	210.2	206.7	203.1	203.1	206.7	206.7	203.1	206.7	203.1	206.7	210.2
57.5°	199.5	196.0	192.4	196.0	199.5	196.0	196.0	196.0	196.0	196.0	199.5
60°	185.3	185.3	185.3	185.3	192.4	192.4	192.4	192.4	185.3	188.9	192.4
62.5°	178.2	174.6	174.6	178.2	181.7	181.7	185.3	181.7	178.2	181.7	181.7
65°	163.9	163.9	163.9	167.5	167.5	171.0	171.0	171.0	167.5	171.0	171.0
67.5°	153.2	153.2	153.2	153.2	160.4	160.4	160.4	160.4	156.8	156.8	160.4
70°	135.4	139.0	135.4	142.5	149.7	146.1	149.7	149.7	146.1	142.5	149.7
72.5°	124.7	124.7	124.7	124.7	135.4	135.4	135.4	139.0	135.4	131.8	135.4
75°	110.5	110.5	110.5	114.0	121.2	121.2	121.2	121.2	121.2	117.6	117.6
77.5°	96.2	99.8	96.2	99.8	106.9	103.3	106.9	110.5	106.9	103.3	103.3
80°	82.0	82.0	82.0	85.5	89.1	89.1	89.1	92.6	89.1	85.5	85.5
82.5°	64.1	64.1	67.7	67.7	71.3	71.3	71.3	74.8	71.3	67.7	67.7
85°	49.9	49.9	49.9	53.5	53.5	57.0	57.0	60.6	60.6	57.0	57.0
87.5°	32.1	28.5	32.1	32.1	35.6	35.6	32.1	28.5	32.1	28.5	24.9
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: P599022  
 CATALOG NUMBER: IFLD-S-SA2A-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6	2565.6
2.5°	2341.1	2405.3	2451.6	2483.7	2530.0	2619.1	2654.7	2718.9	2736.7	2747.4
5°	2013.3	2081.0	2180.8	2252.1	2334.0	2501.5	2629.8	2726.0	2768.7	2807.9
7.5°	1578.6	1667.7	1771.0	1863.6	1999.1	2205.7	2373.2	2572.8	2647.6	2686.8
10°	1232.9	1314.9	1428.9	1542.9	1731.8	1906.4	2145.2	2326.9	2430.2	2458.7
12.5°	1040.5	1136.7	1272.1	1411.1	1528.7	1728.2	1970.5	2234.2	2330.4	2348.3
15°	883.7	1015.6	1154.5	1297.1	1432.5	1607.1	1867.2	2187.9	2330.4	2348.3
17.5°	730.5	848.1	1012.0	1165.2	1322.0	1560.8	1885.0	2227.1	2369.6	2423.1
20°	580.8	694.9	823.1	1015.6	1229.4	1482.4	1924.2	2359.0	2547.8	2604.8
22.5°	481.1	530.9	655.7	841.0	1094.0	1428.9	1963.4	2565.6	2765.2	2786.6
25°	420.5	456.1	534.5	709.1	987.1	1393.3	2056.1	2804.4	3060.9	3060.9
27.5°	392.0	406.2	459.7	616.5	912.2	1361.2	2148.7	3068.1	3306.8	3356.7
30°	384.8	420.5	449.0	548.8	830.3	1272.1	2234.2	3274.7	3520.6	3524.2
32.5°	377.7	370.6	392.0	477.5	730.5	1179.5	2305.5	3485.0	3677.4	3688.1
35°	295.8	310.0	345.6	420.5	655.7	1111.8	2341.1	3599.0	3877.0	3887.6
37.5°	277.9	295.8	324.3	388.4	605.8	1054.8	2351.8	3819.9	4087.2	4108.6
40°	270.8	285.1	306.5	359.9	566.6	983.5	2373.2	4048.0	4397.2	4368.7
42.5°	256.6	274.4	295.8	345.6	534.5	930.0	2376.8	4172.7	4561.1	4561.1
45°	253.0	263.7	288.6	345.6	498.9	883.7	2319.8	4297.4	4750.0	4693.0
47.5°	238.7	260.1	281.5	335.0	456.1	837.4	2252.1	4361.6	4774.9	4757.1
50°	235.2	256.6	292.2	317.1	431.2	816.0	2237.8	4521.9	4824.8	4821.2
52.5°	228.1	249.4	302.9	302.9	399.1	787.5	2305.5	4593.2	4835.5	4864.0
55°	217.4	249.4	281.5	277.9	370.6	751.9	2380.3	4778.5	5024.4	5017.2
57.5°	210.2	242.3	267.3	253.0	338.5	726.9	2490.8	4956.7	5252.4	5202.5
60°	199.5	242.3	238.7	235.2	313.6	705.5	2583.4	4992.3	5302.3	5334.4
62.5°	192.4	253.0	210.2	217.4	292.2	694.9	2544.2	4725.0	5234.6	5263.1
65°	185.3	217.4	192.4	199.5	285.1	673.5	2391.0	4404.3	4942.4	5067.1
67.5°	171.0	178.2	178.2	185.3	277.9	623.6	2077.4	3827.1	4497.0	4564.7
70°	156.8	160.4	160.4	171.0	270.8	566.6	1714.0	3310.4	3901.9	4030.2
72.5°	142.5	142.5	142.5	156.8	249.4	520.3	1411.1	2544.2	3242.7	3331.8
75°	124.7	124.7	124.7	139.0	224.5	473.9	1111.8	1892.2	2387.5	2515.7
77.5°	110.5	110.5	106.9	124.7	196.0	384.8	801.8	1336.3	1681.9	1788.8
80°	92.6	89.1	89.1	99.8	153.2	277.9	516.7	944.3	1172.3	1218.7
82.5°	74.8	71.3	67.7	74.8	110.5	174.6	320.7	659.2	751.9	723.4
85°	71.3	74.8	60.6	57.0	78.4	114.0	203.1	406.2	338.5	338.5
87.5°	28.5	24.9	24.9	21.4	39.2	42.8	89.1	74.8	57.0	57.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)