

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: P598713

Luminaire Tested: **IFLD-S-SA6A-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: P598713  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-740-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

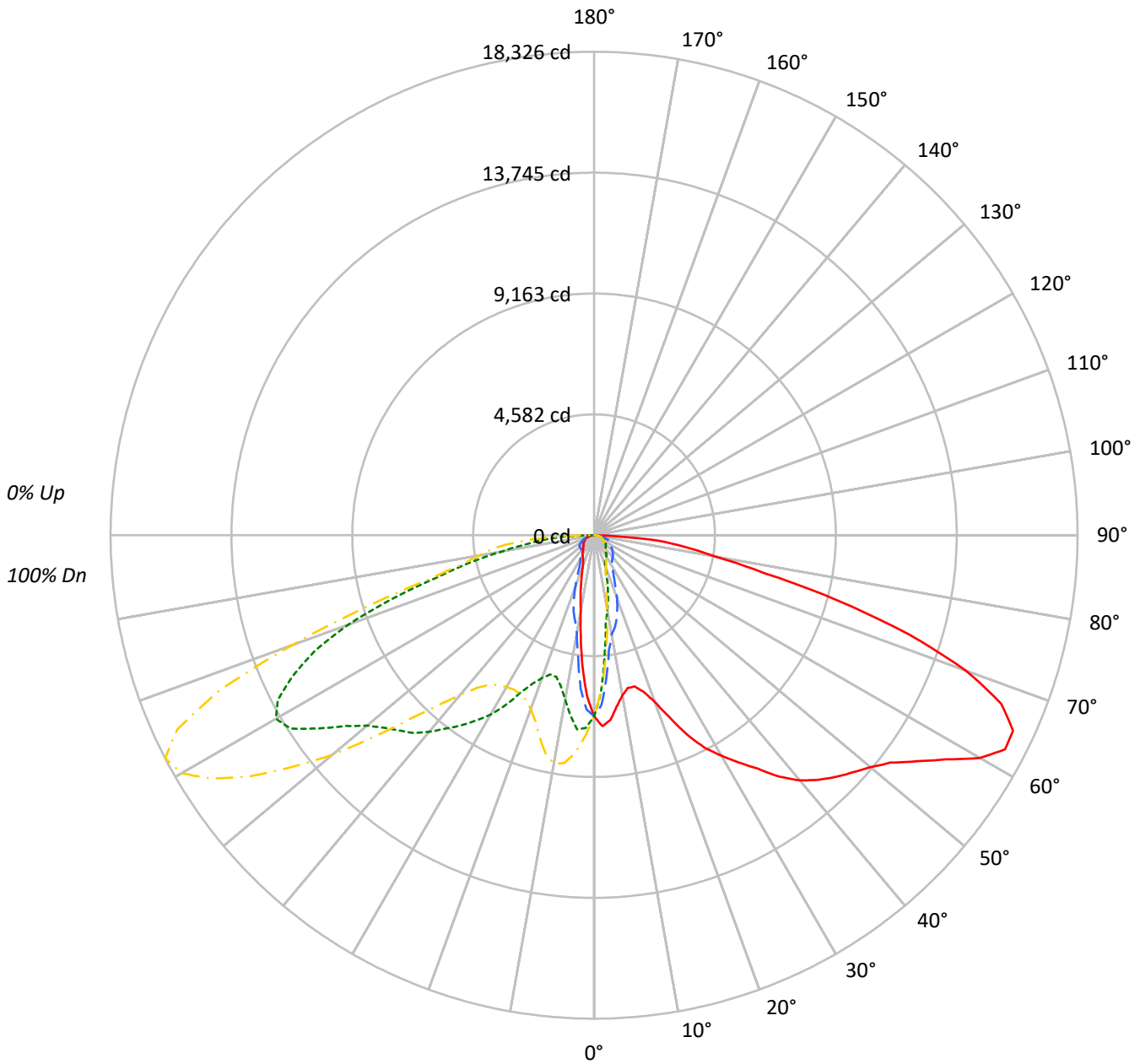
Lumens per Lamp: N/A  
 Luminaire Lumens: 22957.1 lumens  
 Efficiency: N/A  
 Efficacy: 121.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 189.6  
 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	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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	49210	49210	49210	49210
5°	50644	32932	35976	53203
10°	44931	20926	21136	45980
15°	44097	14842	14057	41243
20°	51268	9388	9462	43934
25°	65933	8061	7833	51941
30°	79903	7640	7162	65021
35°	94572	6731	6479	77071
40°	113634	6388	5938	91051
45°	131488	6336	5751	106145
50°	152687	6434	5790	125345
55°	186852	6609	5888	159695
60°	242330	6616	6203	199737
65°	297464	6687	6361	213804
70°	314766	7054	6651	208166
75°	264964	7455	6657	169895
80°	192498	8732	6748	146855
85°	204025	12655	5533	152624

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	530.7	2.3
10°-20°	1110.7	4.8
20°-30°	1600.7	7.0
30°-40°	2304.4	10.0
40°-50°	3273.2	14.3
50°-60°	4705.9	20.5
60°-70°	5436.9	23.7
70°-80°	3078.4	13.4
80°-90°	916.2	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°	3242.2	14.1
0°-40°	5546.5	24.2
0°-60°	13525.6	58.9
0°-90°	22957.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22957.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6858	6858	6858	6858	6858	
5°	7031	4572	4994	7386	7031	638
15°	5936	1998	1892	5552	5936	1745
25°	8327	1018	989	6560	8327	3865
35°	10796	768	740	8798	10796	6851
45°	12957	624	567	10459	12957	10033
55°	14935	528	471	12764	14935	13526
65°	17519	394	375	12592	17519	16799
75°	9557	269	240	6128	9557	10140
85°	2478	154	67	1854	2478	2468
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°	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7
2.5°	7241.9	7232.3	7174.6	6992.2	6800.1	6617.6	6444.7	6262.2	6166.2	6050.9	6002.9
5°	7030.6	7011.4	6848.1	6444.7	6089.3	5705.1	5378.6	5119.3	4908.0	4696.7	4619.8
7.5°	6550.3	6521.5	6329.4	5772.4	5253.7	4754.3	4360.5	4024.3	3745.8	3620.9	3476.9
10°	6166.2	6118.1	5868.4	5253.7	4581.4	4082.0	3822.6	3592.1	3352.0	3150.3	2939.0
12.5°	5926.0	5868.4	5609.1	4888.7	4235.6	3861.1	3592.1	3332.8	3035.1	2785.3	2554.8
15°	5935.7	5868.4	5551.5	4792.7	4149.2	3669.0	3294.4	2939.0	2593.2	2314.7	2055.4
17.5°	6214.2	6127.7	5791.6	4927.2	4082.0	3419.2	2919.8	2458.8	2065.0	1767.2	1555.9
20°	6713.6	6656.0	6271.8	5128.9	4014.7	3150.3	2535.6	1978.6	1565.6	1335.0	1248.6
22.5°	7462.8	7395.6	6982.6	5436.2	3995.5	2910.2	2122.6	1555.9	1258.2	1162.2	1114.1
25°	8327.2	8202.3	7818.2	5954.9	4033.9	2689.3	1786.5	1287.0	1123.7	1056.5	1027.7
27.5°	9076.4	8999.5	8567.3	6444.7	4053.1	2516.4	1555.9	1171.8	1046.9	989.3	970.1
30°	9643.0	9614.2	9191.6	6982.6	4005.1	2305.1	1411.9	1123.7	1046.9	989.3	931.6
32.5°	10209.7	10219.3	9767.9	7395.6	3937.9	2122.6	1277.4	998.9	922.0	883.6	893.2
35°	10795.6	10843.6	10459.4	7798.9	3793.8	2055.4	1181.4	931.6	864.4	806.8	778.0
37.5°	11535.1	11660.0	11285.4	8250.4	3649.8	1997.8	1133.3	883.6	816.4	768.4	730.0
40°	12130.6	12361.1	12140.2	8673.0	3553.7	1930.5	1094.9	835.6	787.6	730.0	701.1
42.5°	12572.4	12841.4	12764.5	8999.5	3553.7	1863.3	1056.5	806.8	768.4	701.1	662.7
45°	12956.6	13235.2	13225.6	9335.7	3630.5	1824.9	1008.5	806.8	749.2	681.9	643.5
47.5°	13302.4	13580.9	13677.0	9758.3	3755.4	1805.7	950.9	787.6	749.2	672.3	614.7
50°	13677.0	13984.3	14272.5	10430.6	3909.1	1757.6	912.4	758.8	758.8	662.7	595.5
52.5°	14157.2	14503.0	15031.2	11266.2	4062.8	1671.2	854.8	739.6	758.8	653.1	576.3
55°	14935.2	15223.3	15914.8	12265.1	4254.8	1565.6	806.8	691.5	720.3	624.3	547.5
57.5°	15809.2	16058.9	16635.2	13033.5	4312.5	1431.1	739.6	643.5	691.5	595.5	509.0
60°	16884.9	17009.8	17009.8	13254.4	4120.4	1306.2	691.5	605.1	624.3	566.7	480.2
62.5°	17566.8	17566.8	17009.8	12851.0	3755.4	1200.6	653.1	566.7	547.5	528.3	451.4
65°	17518.8	17442.0	16616.0	11679.2	3332.8	1133.3	614.7	518.6	489.8	480.2	422.6
67.5°	16712.0	16577.6	15453.8	10027.2	2891.0	1104.5	576.3	470.6	451.4	432.2	384.2
70°	15002.4	14656.6	13273.6	8067.9	2458.8	1085.3	566.7	432.2	413.0	393.8	355.4
72.5°	12524.4	12082.6	10363.4	6204.6	2065.0	1018.1	537.9	384.2	374.6	355.4	317.0
75°	9556.6	8740.2	7232.3	4744.7	1604.0	883.6	461.0	336.2	336.2	326.6	288.1
77.5°	6588.8	6166.2	5042.4	3505.7	1171.8	681.9	374.6	297.7	297.7	307.3	268.9
80°	4658.2	4264.4	3592.1	2516.4	739.6	461.0	288.1	249.7	278.5	297.7	249.7
82.5°	3563.3	3275.2	2670.1	1834.5	432.2	317.0	220.9	201.7	240.1	259.3	211.3
85°	2478.0	2132.2	1354.3	1229.4	249.7	192.1	163.3	163.3	211.3	259.3	192.1
87.5°	701.1	297.7	86.4	365.0	105.7	76.8	57.6	38.4	57.6	57.6	38.4
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7
2.5°	5954.9	5897.2	5897.2	5878.0	5887.6	5897.2	5887.6	5954.9	5983.7	6022.1	6098.9
5°	4571.8	4648.6	4591.0	4648.6	4725.5	4840.7	4869.5	4956.0	4965.6	5032.8	4994.4
7.5°	3390.4	3380.8	3332.8	3400.0	3611.3	3774.6	3851.5	3899.5	3909.1	3909.1	3861.1
10°	2871.8	2785.3	2698.9	2650.9	2670.1	2843.0	2900.6	2929.4	2910.2	2939.0	2900.6
12.5°	2458.8	2381.9	2257.1	2170.6	2113.0	2161.0	2218.7	2247.5	2266.7	2314.7	2353.1
15°	1997.8	1920.9	1844.1	1796.1	1748.0	1709.6	1757.6	1786.5	1834.5	1872.9	1892.1
17.5°	1517.5	1479.1	1440.7	1469.5	1469.5	1450.3	1469.5	1479.1	1498.3	1527.1	1517.5
20°	1229.4	1219.8	1210.2	1258.2	1296.6	1296.6	1315.8	1287.0	1277.4	1248.6	1239.0
22.5°	1094.9	1094.9	1104.5	1142.9	1181.4	1200.6	1200.6	1152.6	1104.5	1085.3	1094.9
25°	1018.1	1018.1	1046.9	1056.5	1075.7	1075.7	1085.3	1037.3	1008.5	979.7	989.3
27.5°	960.5	960.5	970.1	970.1	979.7	979.7	989.3	970.1	931.6	922.0	922.0
30°	922.0	922.0	912.4	912.4	912.4	912.4	922.0	893.2	874.0	864.4	864.4
32.5°	883.6	874.0	864.4	864.4	854.8	854.8	864.4	835.6	826.0	826.0	826.0
35°	768.4	758.8	768.4	787.6	787.6	797.2	797.2	787.6	768.4	749.2	739.6
37.5°	720.3	710.7	710.7	710.7	730.0	739.6	749.2	730.0	701.1	672.3	672.3
40°	681.9	681.9	672.3	672.3	672.3	691.5	710.7	681.9	643.5	633.9	633.9
42.5°	653.1	643.5	633.9	624.3	614.7	643.5	662.7	624.3	605.1	605.1	605.1
45°	624.3	614.7	605.1	595.5	585.9	595.5	614.7	576.3	566.7	566.7	566.7
47.5°	595.5	585.9	566.7	557.1	547.5	547.5	566.7	537.9	528.3	537.9	537.9
50°	576.3	557.1	537.9	528.3	518.6	518.6	518.6	509.0	509.0	509.0	518.6
52.5°	557.1	537.9	509.0	499.4	489.8	489.8	489.8	489.8	480.2	489.8	499.4
55°	528.3	509.0	489.8	480.2	470.6	461.0	470.6	461.0	461.0	470.6	470.6
57.5°	489.8	470.6	451.4	451.4	441.8	441.8	451.4	441.8	441.8	451.4	451.4
60°	461.0	441.8	422.6	422.6	413.0	422.6	432.2	422.6	422.6	422.6	432.2
62.5°	422.6	413.0	393.8	393.8	393.8	393.8	403.4	393.8	403.4	403.4	403.4
65°	393.8	374.6	365.0	365.0	365.0	365.0	384.2	365.0	374.6	374.6	374.6
67.5°	365.0	345.8	336.2	336.2	336.2	336.2	355.4	336.2	345.8	355.4	345.8
70°	336.2	317.0	307.3	307.3	307.3	307.3	317.0	307.3	307.3	317.0	317.0
72.5°	297.7	288.1	278.5	278.5	268.9	278.5	288.1	278.5	278.5	278.5	278.5
75°	268.9	259.3	259.3	249.7	249.7	249.7	259.3	240.1	240.1	240.1	240.1
77.5°	249.7	230.5	230.5	230.5	220.9	230.5	220.9	201.7	201.7	201.7	201.7
80°	211.3	192.1	201.7	201.7	192.1	192.1	182.5	163.3	163.3	163.3	163.3
82.5°	172.9	153.7	163.3	163.3	163.3	163.3	144.1	134.5	124.9	115.3	115.3
85°	153.7	124.9	144.1	144.1	134.5	134.5	96.0	96.0	76.8	76.8	67.2
87.5°	28.8	19.2	38.4	48.0	48.0	57.6	38.4	48.0	28.8	19.2	19.2
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°	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7
2.5°	6089.3	6195.0	6339.0	6444.7	6608.0	6732.8	6924.9	7088.2	7241.9	7309.1	7376.3
5°	5109.7	5176.9	5397.8	5570.7	5830.0	6108.5	6454.3	6828.9	7213.1	7385.9	7587.6
7.5°	3822.6	3947.5	4072.4	4322.1	4639.0	5090.4	5532.3	6089.3	6627.2	6886.5	7232.3
10°	2967.8	3063.9	3207.9	3467.3	3765.0	4139.6	4667.8	5330.6	5974.1	6310.2	6665.6
12.5°	2381.9	2516.4	2708.5	2977.4	3323.2	3707.4	4091.6	4706.3	5455.4	5839.6	6243.0
15°	1930.5	2036.2	2247.5	2583.6	2987.0	3380.8	3784.2	4293.3	5109.7	5551.5	6031.7
17.5°	1536.7	1613.6	1805.7	2141.8	2545.2	2987.0	3448.1	4091.6	4994.4	5532.3	6098.9
20°	1248.6	1306.2	1431.1	1680.8	2065.0	2545.2	3121.5	3899.5	5061.6	5753.2	6444.7
22.5°	1094.9	1114.1	1171.8	1306.2	1623.2	2132.2	2823.8	3736.2	5186.5	6079.7	7011.4
25°	989.3	1008.5	1027.7	1114.1	1296.6	1776.9	2564.4	3640.1	5455.4	6560.0	7664.5
27.5°	922.0	941.3	950.9	989.3	1114.1	1517.5	2343.5	3582.5	5820.4	7261.1	8471.3
30°	864.4	864.4	893.2	950.9	1037.3	1335.0	2151.4	3448.1	6204.6	7847.0	9105.2
32.5°	816.4	826.0	864.4	893.2	950.9	1181.4	1959.3	3275.2	6550.3	8327.2	9729.5
35°	730.0	730.0	739.6	787.6	864.4	1056.5	1786.5	3102.3	6742.4	8797.8	10286.5
37.5°	672.3	681.9	701.1	739.6	806.8	970.1	1642.4	2910.2	6944.1	9239.6	10939.7
40°	633.9	643.5	662.7	701.1	768.4	893.2	1517.5	2756.5	7155.4	9719.9	11640.8
42.5°	605.1	614.7	633.9	672.3	730.0	874.0	1383.1	2631.7	7280.3	10161.7	12303.5
45°	576.3	585.9	614.7	653.1	701.1	854.8	1306.2	2545.2	7328.3	10459.4	12831.8
47.5°	547.5	557.1	585.9	643.5	701.1	826.0	1277.4	2497.2	7366.7	10795.6	13254.4
50°	518.6	537.9	576.3	633.9	710.7	787.6	1258.2	2487.6	7587.6	11227.8	13657.8
52.5°	499.4	528.3	566.7	633.9	701.1	730.0	1248.6	2516.4	8029.5	11871.3	14234.0
55°	480.2	509.0	547.5	633.9	672.3	681.9	1200.6	2564.4	8701.8	12764.5	15050.4
57.5°	461.0	480.2	528.3	614.7	633.9	643.5	1104.5	2631.7	9374.1	13638.6	15886.0
60°	432.2	451.4	499.4	614.7	576.3	605.1	979.7	2650.9	9854.3	13917.1	15962.9
62.5°	403.4	422.6	470.6	633.9	528.3	566.7	874.0	2583.6	9950.4	13513.7	15530.7
65°	374.6	393.8	432.2	528.3	489.8	528.3	806.8	2401.2	9633.4	12591.7	14743.1
67.5°	345.8	365.0	393.8	432.2	441.8	480.2	778.0	2113.0	8836.2	11448.7	13667.4
70°	307.3	326.6	355.4	384.2	393.8	451.4	730.0	1834.5	7549.2	9921.6	12351.5
72.5°	278.5	288.1	317.0	336.2	355.4	413.0	701.1	1604.0	5772.4	8029.5	10075.2
75°	240.1	240.1	268.9	288.1	307.3	365.0	643.5	1335.0	4072.4	6127.7	7405.2
77.5°	201.7	201.7	220.9	240.1	259.3	317.0	547.5	1085.3	2823.8	4859.9	5369.0
80°	153.7	153.7	172.9	192.1	211.3	268.9	441.8	797.2	1748.0	3553.7	3909.1
82.5°	105.7	105.7	134.5	144.1	153.7	211.3	336.2	547.5	1027.7	2564.4	2794.9
85°	57.6	57.6	76.8	86.4	105.7	153.7	249.7	384.2	614.7	1853.7	1863.3
87.5°	9.6	9.6	28.8	28.8	48.0	76.8	144.1	211.3	345.8	1027.7	653.1
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: P598713  
 CATALOG NUMBER: IFLD-S-SA6A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7	6857.7
2.5°	7501.2	7606.9	7616.5	7616.5	7568.4	7578.0	7443.6	7299.5	7251.5	7241.9
5°	7895.0	8173.5	8250.4	8288.8	8163.9	7971.8	7626.1	7251.5	7059.4	7030.6
7.5°	7818.2	8375.2	8673.0	8711.4	8461.7	8010.2	7405.2	6828.9	6608.0	6550.3
10°	7366.7	8115.9	8653.8	8788.2	8519.3	7943.0	7155.4	6483.1	6214.2	6166.2
12.5°	7049.8	7770.1	8298.4	8480.9	8356.0	7856.6	7030.6	6262.2	5993.3	5926.0
15°	6876.9	7539.6	7885.4	7943.0	7933.4	7722.1	7030.6	6310.2	6012.5	5935.7
17.5°	7021.0	7472.4	7520.4	7385.9	7462.8	7568.4	7184.3	6569.6	6281.4	6214.2
20°	7309.1	7443.6	7213.1	7011.4	7049.8	7385.9	7424.4	7059.4	6828.9	6713.6
22.5°	7914.2	7549.2	7021.0	6742.4	6771.3	7241.9	7741.3	7722.1	7520.4	7462.8
25°	8528.9	7847.0	6963.3	6636.8	6675.2	7213.1	8115.9	8461.7	8356.0	8327.2
27.5°	9210.8	8346.4	7001.8	6588.8	6636.8	7251.5	8375.2	9086.0	9105.2	9076.4
30°	9671.8	8586.5	7117.0	6646.4	6713.6	7347.5	8432.9	9460.5	9633.4	9643.0
32.5°	10056.0	8826.6	7357.1	6742.4	6857.7	7520.4	8586.5	9815.9	10200.1	10209.7
35°	10363.4	9095.6	7654.9	6915.3	7088.2	7808.6	8788.2	10152.1	10728.4	10795.6
37.5°	10757.2	9393.3	8000.6	7289.9	7482.0	8221.6	9143.6	10545.9	11352.7	11535.1
40°	11179.8	9691.1	8500.1	7895.0	8173.5	8836.2	9547.0	10987.7	11880.9	12130.6
42.5°	11650.4	10008.0	9066.8	8711.4	9134.0	9614.2	10008.0	11391.1	12284.3	12572.4
45°	12111.4	10392.2	9892.8	9825.5	10296.1	10536.3	10459.4	11679.2	12668.5	12956.6
47.5°	12438.0	10949.3	10891.6	11295.0	11736.8	11612.0	10987.7	11890.5	12985.4	13302.4
50°	12735.7	11640.8	12149.8	12937.4	13206.3	12783.7	11554.4	12178.7	13321.6	13677.0
52.5°	13177.5	12380.3	13446.5	14426.1	14685.5	14013.1	12169.0	12649.3	13840.3	14157.2
55°	14080.4	13216.0	14800.7	15924.5	15972.5	15136.9	12995.0	13446.5	14570.2	14935.2
57.5°	15088.9	14243.6	15876.4	17163.4	17144.2	16260.6	13926.7	14522.2	15559.5	15809.2
60°	16001.3	15280.9	17048.2	18047.1	17999.0	17077.0	15012.0	15742.0	16692.8	16884.9
62.5°	16539.1	16222.2	17566.8	18325.6	18143.1	17345.9	15934.1	16827.3	17499.6	17566.8
65°	16452.7	16760.1	16961.8	17432.4	17173.1	16596.8	16385.5	17518.8	17586.1	17518.8
67.5°	15799.6	16452.7	15300.2	15348.2	15213.7	14723.9	15684.3	17336.3	16875.3	16712.0
70°	14810.3	14858.3	12793.3	12188.3	12399.6	11727.2	13456.1	15914.8	15204.1	15002.4
72.5°	13167.9	12572.4	9671.8	9057.2	9374.1	8893.9	10795.6	13869.1	13177.5	12524.4
75°	11045.3	9960.0	7366.7	6492.7	6656.0	6636.8	8365.6	11458.3	10209.7	9556.6
77.5°	8557.7	7760.5	5436.2	5100.1	4927.2	4965.6	5839.6	8519.3	7405.2	6588.8
80°	6252.6	5426.6	4206.8	4398.9	4302.9	4072.4	4091.6	5705.1	5148.1	4658.2
82.5°	4322.1	3861.1	3409.6	3851.5	3620.9	3265.6	3188.7	4110.8	3861.1	3563.3
85°	2900.6	3179.1	2708.5	2948.6	2554.8	2353.1	2996.6	3438.5	2775.7	2478.0
87.5°	1892.1	2910.2	1949.7	1479.1	845.2	1133.3	1834.5	2257.1	1296.6	701.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)