

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: P598718

Luminaire Tested: **IFLD-M-SA4A-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: P598718  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-740-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

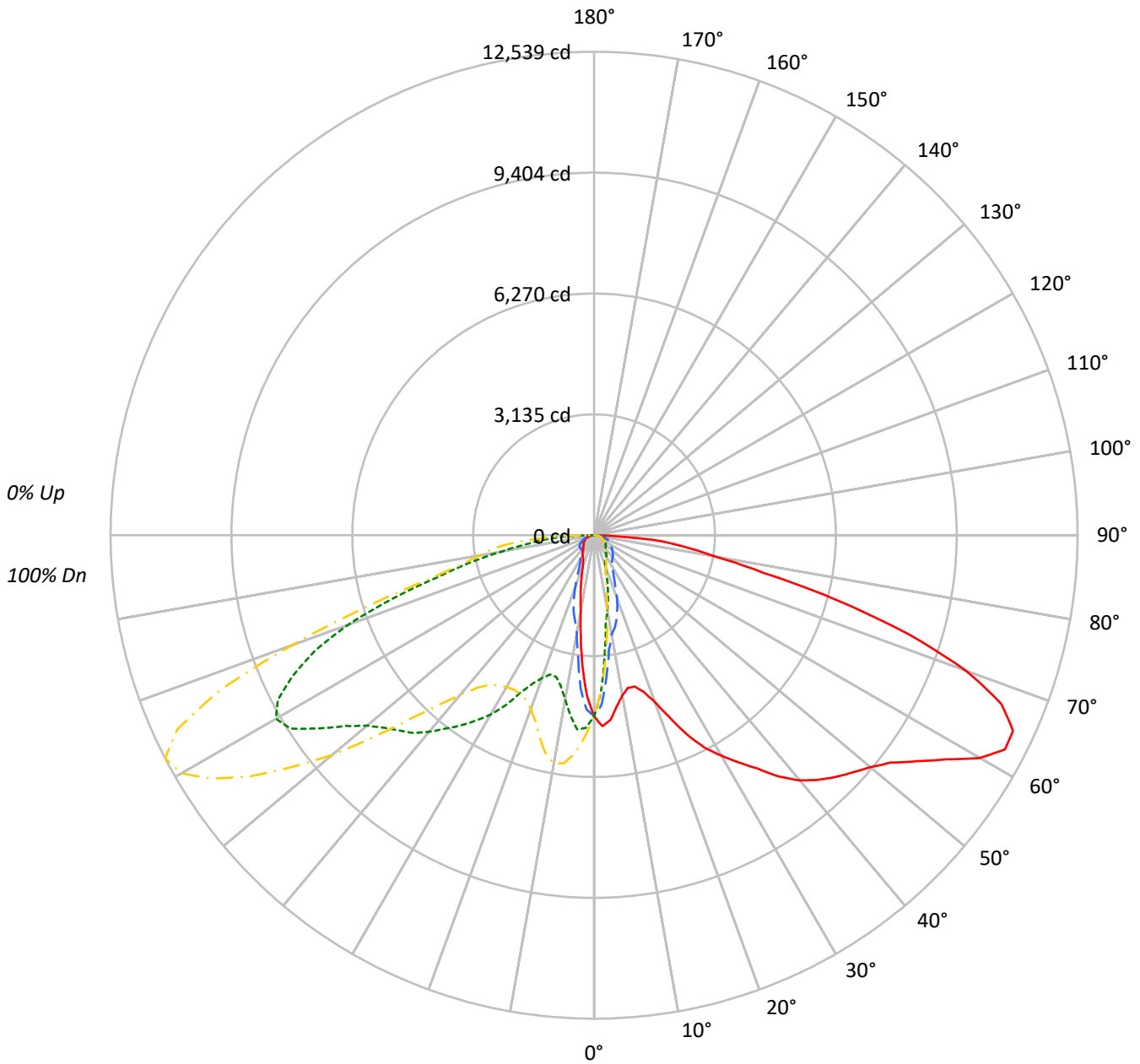
Lumens per Lamp: N/A  
 Luminaire Lumens: 15707.9 lumens  
 Efficiency: N/A  
 Efficacy: 122.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 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	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°	50508	50508	50508	50508
5°	51978	33800	36924	54605
10°	46115	21477	21693	47192
15°	45259	15232	14427	42329
20°	52620	9636	9711	45092
25°	67670	8273	8039	53308
30°	82008	7842	7352	66733
35°	97064	6908	6649	79102
40°	116629	6556	6094	93450
45°	134952	6503	5902	108943
50°	156709	6603	5943	128647
55°	191775	6782	6043	163903
60°	248715	6790	6366	204999
65°	305301	6862	6528	219436
70°	323059	7238	6826	213648
75°	271944	7652	6833	174373
80°	197571	8963	6924	150727
85°	209398	12980	5681	156650

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	363.1	2.3
10°-20°	760.0	4.8
20°-30°	1095.2	7.0
30°-40°	1576.7	10.0
40°-50°	2239.6	14.3
50°-60°	3219.9	20.5
60°-70°	3720.1	23.7
70°-80°	2106.4	13.4
80°-90°	626.9	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°	2218.4	14.1
0°-40°	3795.1	24.2
0°-60°	9254.6	58.9
0°-90°	15707.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15707.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4692	4692	4692	4692	4692	
5°	4810	3128	3417	5054	4810	436
15°	4061	1367	1295	3798	4061	1194
25°	5698	697	677	4488	5698	2645
35°	7387	526	506	6020	7387	4688
45°	8865	427	388	7157	8865	6865
55°	10219	361	322	8734	10219	9255
65°	11987	269	256	8616	11987	11495
75°	6539	184	164	4193	6539	6938
85°	1696	105	46	1268	1696	1689
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°	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3
2.5°	4955.1	4948.6	4909.1	4784.3	4652.8	4528.0	4409.7	4284.8	4219.1	4140.2	4107.4
5°	4810.5	4797.4	4685.7	4409.7	4166.5	3903.6	3680.2	3502.8	3358.2	3213.6	3161.0
7.5°	4482.0	4462.2	4330.8	3949.6	3594.8	3253.0	2983.6	2753.6	2563.0	2477.6	2379.0
10°	4219.1	4186.2	4015.4	3594.8	3134.7	2793.0	2615.6	2457.8	2293.6	2155.5	2011.0
12.5°	4054.8	4015.4	3837.9	3345.0	2898.2	2641.9	2457.8	2280.4	2076.7	1905.8	1748.1
15°	4061.4	4015.4	3798.5	3279.3	2839.0	2510.4	2254.1	2011.0	1774.4	1583.8	1406.4
17.5°	4251.9	4192.8	3962.8	3371.3	2793.0	2339.6	1997.8	1682.4	1412.9	1209.2	1064.6
20°	4593.7	4554.2	4291.4	3509.3	2747.0	2155.5	1734.9	1353.8	1071.2	913.5	854.3
22.5°	5106.3	5060.3	4777.7	3719.6	2733.9	1991.2	1452.4	1064.6	860.9	795.2	762.3
25°	5697.7	5612.3	5349.4	4074.5	2760.1	1840.1	1222.4	880.6	768.9	722.9	703.2
27.5°	6210.3	6157.8	5862.0	4409.7	2773.3	1721.8	1064.6	801.8	716.3	676.9	663.7
30°	6598.1	6578.4	6289.2	4777.7	2740.4	1577.2	966.1	768.9	716.3	676.9	637.5
32.5°	6985.8	6992.4	6683.5	5060.3	2694.4	1452.4	874.0	683.5	630.9	604.6	611.2
35°	7386.7	7419.5	7156.7	5336.3	2595.9	1406.4	808.3	637.5	591.5	552.0	532.3
37.5°	7892.7	7978.1	7721.8	5645.2	2497.3	1366.9	775.5	604.6	558.6	525.7	499.5
40°	8300.2	8457.9	8306.7	5934.3	2431.6	1320.9	749.2	571.7	538.9	499.5	479.7
42.5°	8602.5	8786.5	8733.9	6157.8	2431.6	1274.9	722.9	552.0	525.7	479.7	453.5
45°	8865.3	9055.9	9049.3	6387.8	2484.1	1248.6	690.0	552.0	512.6	466.6	440.3
47.5°	9101.9	9292.5	9358.2	6676.9	2569.6	1235.5	650.6	538.9	512.6	460.0	420.6
50°	9358.2	9568.5	9765.7	7137.0	2674.7	1202.6	624.3	519.2	519.2	453.5	407.5
52.5°	9686.8	9923.4	10284.8	7708.7	2779.9	1143.5	584.9	506.0	519.2	446.9	394.3
55°	10219.1	10416.3	10889.4	8392.2	2911.3	1071.2	552.0	473.2	492.9	427.2	374.6
57.5°	10817.1	10988.0	11382.3	8917.9	2950.7	979.2	506.0	440.3	473.2	407.5	348.3
60°	11553.2	11638.6	11638.6	9069.1	2819.3	893.8	473.2	414.0	427.2	387.7	328.6
62.5°	12019.8	12019.8	11638.6	8793.0	2569.6	821.5	446.9	387.7	374.6	361.4	308.9
65°	11986.9	11934.4	11369.2	7991.3	2280.4	775.5	420.6	354.9	335.2	328.6	289.2
67.5°	11434.9	11342.9	10574.0	6860.9	1978.1	755.8	394.3	322.0	308.9	295.7	262.9
70°	10265.1	10028.5	9082.2	5520.3	1682.4	742.6	387.7	295.7	282.6	269.4	243.2
72.5°	8569.6	8267.3	7091.0	4245.4	1412.9	696.6	368.0	262.9	256.3	243.2	216.9
75°	6538.9	5980.3	4948.6	3246.5	1097.5	604.6	315.4	230.0	230.0	223.4	197.2
77.5°	4508.2	4219.1	3450.2	2398.7	801.8	466.6	256.3	203.7	203.7	210.3	184.0
80°	3187.3	2917.9	2457.8	1721.8	506.0	315.4	197.2	170.9	190.6	203.7	170.9
82.5°	2438.1	2241.0	1827.0	1255.2	295.7	216.9	151.2	138.0	164.3	177.4	144.6
85°	1695.5	1458.9	926.6	841.2	170.9	131.4	111.7	111.7	144.6	177.4	131.4
87.5°	479.7	203.7	59.1	249.7	72.3	52.6	39.4	26.3	39.4	39.4	26.3
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°	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3
2.5°	4074.5	4035.1	4035.1	4021.9	4028.5	4035.1	4028.5	4074.5	4094.2	4120.5	4173.1
5°	3128.2	3180.7	3141.3	3180.7	3233.3	3312.2	3331.9	3391.0	3397.6	3443.6	3417.3
7.5°	2319.8	2313.3	2280.4	2326.4	2471.0	2582.7	2635.3	2668.1	2674.7	2674.7	2641.9
10°	1965.0	1905.8	1846.7	1813.8	1827.0	1945.2	1984.7	2004.4	1991.2	2011.0	1984.7
12.5°	1682.4	1629.8	1544.4	1485.2	1445.8	1478.7	1518.1	1537.8	1550.9	1583.8	1610.1
15°	1366.9	1314.4	1261.8	1228.9	1196.1	1169.8	1202.6	1222.4	1255.2	1281.5	1294.6
17.5°	1038.3	1012.1	985.8	1005.5	1005.5	992.3	1005.5	1012.1	1025.2	1044.9	1038.3
20°	841.2	834.6	828.0	860.9	887.2	887.2	900.3	880.6	874.0	854.3	847.8
22.5°	749.2	749.2	755.8	782.0	808.3	821.5	821.5	788.6	755.8	742.6	749.2
25°	696.6	696.6	716.3	722.9	736.0	736.0	742.6	709.8	690.0	670.3	676.9
27.5°	657.2	657.2	663.7	663.7	670.3	670.3	676.9	663.7	637.5	630.9	630.9
30°	630.9	630.9	624.3	624.3	624.3	624.3	630.9	611.2	598.0	591.5	591.5
32.5°	604.6	598.0	591.5	591.5	584.9	584.9	591.5	571.7	565.2	565.2	565.2
35°	525.7	519.2	525.7	538.9	538.9	545.5	545.5	538.9	525.7	512.6	506.0
37.5°	492.9	486.3	486.3	486.3	499.5	506.0	512.6	499.5	479.7	460.0	460.0
40°	466.6	466.6	460.0	460.0	460.0	473.2	486.3	466.6	440.3	433.7	433.7
42.5°	446.9	440.3	433.7	427.2	420.6	440.3	453.5	427.2	414.0	414.0	414.0
45°	427.2	420.6	414.0	407.5	400.9	407.5	420.6	394.3	387.7	387.7	387.7
47.5°	407.5	400.9	387.7	381.2	374.6	374.6	387.7	368.0	361.4	368.0	368.0
50°	394.3	381.2	368.0	361.4	354.9	354.9	354.9	348.3	348.3	348.3	354.9
52.5°	381.2	368.0	348.3	341.7	335.2	335.2	335.2	335.2	328.6	335.2	341.7
55°	361.4	348.3	335.2	328.6	322.0	315.4	322.0	315.4	315.4	322.0	322.0
57.5°	335.2	322.0	308.9	308.9	302.3	302.3	308.9	302.3	302.3	308.9	308.9
60°	315.4	302.3	289.2	289.2	282.6	289.2	295.7	289.2	289.2	289.2	295.7
62.5°	289.2	282.6	269.4	269.4	269.4	269.4	276.0	269.4	276.0	276.0	276.0
65°	269.4	256.3	249.7	249.7	249.7	249.7	262.9	249.7	256.3	256.3	256.3
67.5°	249.7	236.6	230.0	230.0	230.0	230.0	243.2	230.0	236.6	243.2	236.6
70°	230.0	216.9	210.3	210.3	210.3	210.3	216.9	210.3	210.3	216.9	216.9
72.5°	203.7	197.2	190.6	190.6	184.0	190.6	197.2	190.6	190.6	190.6	190.6
75°	184.0	177.4	177.4	170.9	170.9	170.9	177.4	164.3	164.3	164.3	164.3
77.5°	170.9	157.7	157.7	157.7	151.2	157.7	151.2	138.0	138.0	138.0	138.0
80°	144.6	131.4	138.0	138.0	131.4	131.4	124.9	111.7	111.7	111.7	111.7
82.5°	118.3	105.1	111.7	111.7	111.7	111.7	98.6	92.0	85.4	78.9	78.9
85°	105.1	85.4	98.6	98.6	92.0	92.0	65.7	65.7	52.6	52.6	46.0
87.5°	19.7	13.1	26.3	32.9	32.9	39.4	26.3	32.9	19.7	13.1	13.1
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°	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3
2.5°	4166.5	4238.8	4337.4	4409.7	4521.4	4606.8	4738.3	4850.0	4955.1	5001.1	5047.1
5°	3496.2	3542.2	3693.3	3811.6	3989.1	4179.7	4416.2	4672.5	4935.4	5053.7	5191.7
7.5°	2615.6	2701.0	2786.4	2957.3	3174.2	3483.0	3785.3	4166.5	4534.5	4712.0	4948.6
10°	2030.7	2096.4	2195.0	2372.4	2576.1	2832.4	3193.9	3647.3	4087.6	4317.7	4560.8
12.5°	1629.8	1721.8	1853.2	2037.3	2273.8	2536.7	2799.6	3220.2	3732.8	3995.6	4271.7
15°	1320.9	1393.2	1537.8	1767.8	2043.8	2313.3	2589.3	2937.6	3496.2	3798.5	4127.1
17.5°	1051.5	1104.1	1235.5	1465.5	1741.5	2043.8	2359.3	2799.6	3417.3	3785.3	4173.1
20°	854.3	893.8	979.2	1150.1	1412.9	1741.5	2135.8	2668.1	3463.3	3936.5	4409.7
22.5°	749.2	762.3	801.8	893.8	1110.6	1458.9	1932.1	2556.4	3548.8	4159.9	4797.4
25°	676.9	690.0	703.2	762.3	887.2	1215.8	1754.7	2490.7	3732.8	4488.5	5244.3
27.5°	630.9	644.0	650.6	676.9	762.3	1038.3	1603.5	2451.3	3982.5	4968.3	5796.3
30°	591.5	591.5	611.2	650.6	709.8	913.5	1472.1	2359.3	4245.4	5369.1	6230.0
32.5°	558.6	565.2	591.5	611.2	650.6	808.3	1340.6	2241.0	4482.0	5697.7	6657.2
35°	499.5	499.5	506.0	538.9	591.5	722.9	1222.4	2122.7	4613.4	6019.8	7038.4
37.5°	460.0	466.6	479.7	506.0	552.0	663.7	1123.8	1991.2	4751.4	6322.1	7485.3
40°	433.7	440.3	453.5	479.7	525.7	611.2	1038.3	1886.1	4896.0	6650.6	7965.0
42.5°	414.0	420.6	433.7	460.0	499.5	598.0	946.3	1800.7	4981.4	6952.9	8418.4
45°	394.3	400.9	420.6	446.9	479.7	584.9	893.8	1741.5	5014.3	7156.7	8779.9
47.5°	374.6	381.2	400.9	440.3	479.7	565.2	874.0	1708.7	5040.6	7386.7	9069.1
50°	354.9	368.0	394.3	433.7	486.3	538.9	860.9	1702.1	5191.7	7682.4	9345.1
52.5°	341.7	361.4	387.7	433.7	479.7	499.5	854.3	1721.8	5494.0	8122.7	9739.4
55°	328.6	348.3	374.6	433.7	460.0	466.6	821.5	1754.7	5954.0	8733.9	10298.0
57.5°	315.4	328.6	361.4	420.6	433.7	440.3	755.8	1800.7	6414.1	9331.9	10869.7
60°	295.7	308.9	341.7	420.6	394.3	414.0	670.3	1813.8	6742.6	9522.5	10922.3
62.5°	276.0	289.2	322.0	433.7	361.4	387.7	598.0	1767.8	6808.4	9246.5	10626.6
65°	256.3	269.4	295.7	361.4	335.2	361.4	552.0	1642.9	6591.5	8615.6	10087.7
67.5°	236.6	249.7	269.4	295.7	302.3	328.6	532.3	1445.8	6046.0	7833.6	9351.6
70°	210.3	223.4	243.2	262.9	269.4	308.9	499.5	1255.2	5165.4	6788.6	8451.3
72.5°	190.6	197.2	216.9	230.0	243.2	282.6	479.7	1097.5	3949.6	5494.0	6893.8
75°	164.3	164.3	184.0	197.2	210.3	249.7	440.3	913.5	2786.4	4192.8	5066.8
77.5°	138.0	138.0	151.2	164.3	177.4	216.9	374.6	742.6	1932.1	3325.3	3673.6
80°	105.1	105.1	118.3	131.4	144.6	184.0	302.3	545.5	1196.1	2431.6	2674.7
82.5°	72.3	72.3	92.0	98.6	105.1	144.6	230.0	374.6	703.2	1754.7	1912.4
85°	39.4	39.4	52.6	59.1	72.3	105.1	170.9	262.9	420.6	1268.4	1274.9
87.5°	6.6	6.6	19.7	19.7	32.9	52.6	98.6	144.6	236.6	703.2	446.9
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: P598718  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3	4692.3
2.5°	5132.6	5204.8	5211.4	5211.4	5178.6	5185.1	5093.1	4994.6	4961.7	4955.1
5°	5402.0	5592.6	5645.2	5671.4	5586.0	5454.6	5218.0	4961.7	4830.3	4810.5
7.5°	5349.4	5730.6	5934.3	5960.6	5789.7	5480.9	5066.8	4672.5	4521.4	4482.0
10°	5040.6	5553.2	5921.2	6013.2	5829.2	5434.9	4896.0	4436.0	4251.9	4219.1
12.5°	4823.7	5316.6	5678.0	5802.9	5717.4	5375.7	4810.5	4284.8	4100.8	4054.8
15°	4705.4	5158.8	5395.4	5434.9	5428.3	5283.7	4810.5	4317.7	4113.9	4061.4
17.5°	4804.0	5112.8	5145.7	5053.7	5106.3	5178.6	4915.7	4495.1	4297.9	4251.9
20°	5001.1	5093.1	4935.4	4797.4	4823.7	5053.7	5080.0	4830.3	4672.5	4593.7
22.5°	5415.1	5165.4	4804.0	4613.4	4633.1	4955.1	5296.9	5283.7	5145.7	5106.3
25°	5835.7	5369.1	4764.5	4541.1	4567.4	4935.4	5553.2	5789.7	5717.4	5697.7
27.5°	6302.3	5710.9	4790.8	4508.2	4541.1	4961.7	5730.6	6216.9	6230.0	6210.3
30°	6617.8	5875.2	4869.7	4547.7	4593.7	5027.4	5770.0	6473.2	6591.5	6598.1
32.5°	6880.7	6039.5	5034.0	4613.4	4692.3	5145.7	5875.2	6716.4	6979.2	6985.8
35°	7091.0	6223.5	5237.7	4731.7	4850.0	5342.9	6013.2	6946.4	7340.7	7386.7
37.5°	7360.4	6427.2	5474.3	4988.0	5119.4	5625.4	6256.3	7215.8	7767.8	7892.7
40°	7649.6	6630.9	5816.0	5402.0	5592.6	6046.0	6532.3	7518.1	8129.3	8300.2
42.5°	7971.6	6847.8	6203.8	5960.6	6249.8	6578.4	6847.8	7794.1	8405.3	8602.5
45°	8287.0	7110.7	6768.9	6722.9	7044.9	7209.2	7156.7	7991.3	8668.2	8865.3
47.5°	8510.5	7491.8	7452.4	7728.4	8030.7	7945.3	7518.1	8135.9	8885.0	9101.9
50°	8714.2	7965.0	8313.3	8852.2	9036.2	8747.0	7905.9	8333.0	9115.1	9358.2
52.5°	9016.5	8471.0	9200.5	9870.8	10048.3	9588.2	8326.4	8655.0	9469.9	9686.8
55°	9634.2	9042.8	10127.1	10896.0	10928.9	10357.1	8891.6	9200.5	9969.4	10219.1
57.5°	10324.3	9745.9	10863.2	11743.8	11730.6	11126.0	9529.1	9936.5	10646.3	10817.1
60°	10948.6	10455.7	11664.9	12348.4	12315.5	11684.6	10271.7	10771.1	11421.8	11553.2
62.5°	11316.6	11099.7	12019.8	12539.0	12414.1	11868.6	10902.6	11513.8	11973.8	12019.8
65°	11257.5	11467.8	11605.8	11927.8	11750.3	11356.0	11211.5	11986.9	12032.9	11986.9
67.5°	10810.6	11257.5	10468.8	10501.7	10409.7	10074.5	10731.7	11862.1	11546.6	11434.9
70°	10133.7	10166.5	8753.6	8339.6	8484.2	8024.1	9207.1	10889.4	10403.1	10265.1
72.5°	9009.9	8602.5	6617.8	6197.2	6414.1	6085.5	7386.7	9489.7	9016.5	8569.6
75°	7557.5	6814.9	5040.6	4442.5	4554.2	4541.1	5724.0	7840.1	6985.8	6538.9
77.5°	5855.5	5310.0	3719.6	3489.6	3371.3	3397.6	3995.6	5829.2	5066.8	4508.2
80°	4278.2	3713.1	2878.4	3009.9	2944.2	2786.4	2799.6	3903.6	3522.5	3187.3
82.5°	2957.3	2641.9	2333.0	2635.3	2477.6	2234.4	2181.8	2812.7	2641.9	2438.1
85°	1984.7	2175.3	1853.2	2017.5	1748.1	1610.1	2050.4	2352.7	1899.2	1695.5
87.5°	1294.6	1991.2	1334.1	1012.1	578.3	775.5	1255.2	1544.4	887.2	479.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)