

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: P598598

Luminaire Tested: **IFLD-S-SA6B-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598598  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-722-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

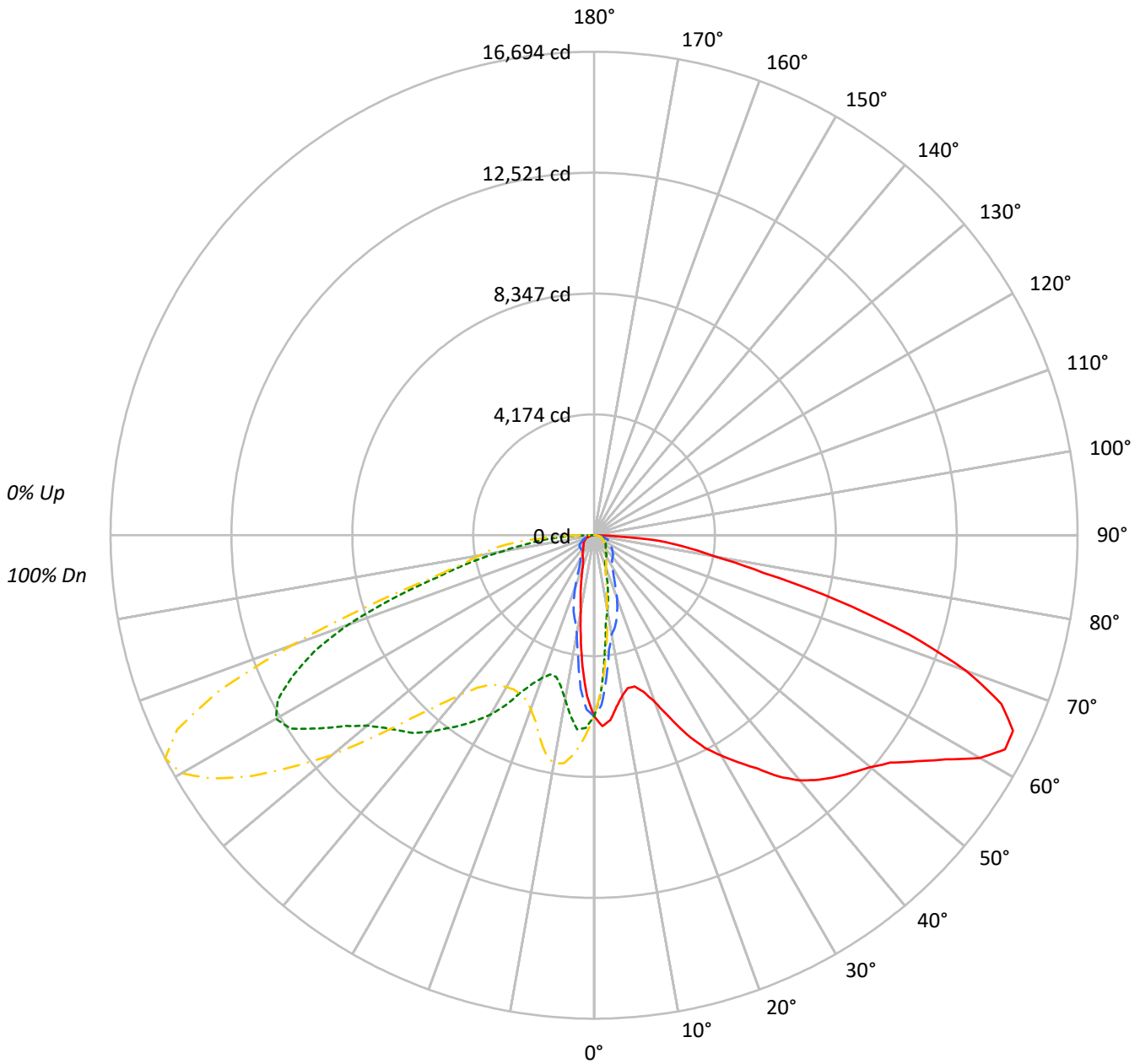
Lumens per Lamp: N/A  
 Luminaire Lumens: 20913.5 lumens  
 Efficiency: N/A  
 Efficacy: 85.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 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°	44830	44830	44830	44830
5°	46136	30001	32774	48468
10°	40931	19063	19254	41887
15°	40171	13520	12806	37571
20°	46705	8553	8619	40024
25°	60064	7344	7136	47317
30°	72791	6960	6525	59233
35°	86153	6132	5902	70210
40°	103519	5819	5410	82947
45°	119784	5771	5239	96697
50°	139095	5861	5275	114188
55°	170219	6020	5363	145480
60°	220759	6028	5650	181958
65°	270986	6091	5793	194771
70°	286748	6424	6057	189635
75°	241377	6793	6064	154773
80°	175365	7955	6145	133784
85°	185862	11527	5039	139039

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	483.5	2.3
10°-20°	1011.9	4.8
20°-30°	1458.2	7.0
30°-40°	2099.2	10.0
40°-50°	2981.8	14.3
50°-60°	4287.0	20.5
60°-70°	4952.9	23.7
70°-80°	2804.4	13.4
80°-90°	834.6	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°	2953.6	14.1
0°-40°	5052.8	24.2
0°-60°	12321.6	58.9
0°-90°	20913.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20913.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6247	6247	6247	6247	6247	
5°	6405	4165	4550	6728	6405	581
15°	5407	1820	1724	5057	5407	1590
25°	7586	928	901	5976	7586	3521
35°	9835	700	674	8015	9835	6242
45°	11803	569	516	9528	11803	9139
55°	13606	481	429	11628	13606	12322
65°	15959	359	341	11471	15959	15304
75°	8706	245	219	5582	8706	9237
85°	2257	140	61	1689	2257	2248
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°	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3
2.5°	6597.3	6588.5	6536.0	6369.8	6194.8	6028.5	5871.0	5704.8	5617.3	5512.3	5468.5
5°	6404.8	6387.3	6238.5	5871.0	5547.3	5197.3	4899.8	4663.6	4471.1	4278.6	4208.6
7.5°	5967.3	5941.0	5766.0	5258.6	4786.1	4331.1	3972.4	3666.1	3412.4	3298.6	3167.4
10°	5617.3	5573.5	5346.1	4786.1	4173.6	3718.6	3482.4	3272.4	3053.6	2869.9	2677.4
12.5°	5398.5	5346.1	5109.8	4453.6	3858.6	3517.4	3272.4	3036.1	2764.9	2537.4	2327.4
15°	5407.3	5346.1	5057.3	4366.1	3779.9	3342.4	3001.1	2677.4	2362.4	2108.7	1872.4
17.5°	5661.0	5582.3	5276.1	4488.6	3718.6	3114.9	2659.9	2239.9	1881.2	1609.9	1417.4
20°	6116.0	6063.5	5713.5	4672.3	3657.4	2869.9	2309.9	1802.4	1426.2	1216.2	1137.5
22.5°	6798.5	6737.2	6361.0	4952.3	3639.9	2651.2	1933.7	1417.4	1146.2	1058.7	1015.0
25°	7586.0	7472.2	7122.2	5424.8	3674.9	2449.9	1627.4	1172.5	1023.7	962.5	936.2
27.5°	8268.4	8198.4	7804.7	5871.0	3692.4	2292.4	1417.4	1067.5	953.7	901.2	883.7
30°	8784.7	8758.4	8373.4	6361.0	3648.6	2099.9	1286.2	1023.7	953.7	901.2	848.7
32.5°	9300.9	9309.7	8898.4	6737.2	3587.4	1933.7	1163.7	910.0	840.0	805.0	813.7
35°	9834.6	9878.4	9528.4	7104.7	3456.1	1872.4	1076.2	848.7	787.5	735.0	708.7
37.5°	10508.4	10622.1	10280.9	7516.0	3324.9	1819.9	1032.5	805.0	743.7	700.0	665.0
40°	11050.8	11260.8	11059.6	7901.0	3237.4	1758.7	997.5	761.2	717.5	665.0	638.7
42.5°	11453.3	11698.3	11628.3	8198.4	3237.4	1697.4	962.5	735.0	700.0	638.7	603.7
45°	11803.3	12057.1	12048.3	8504.7	3307.4	1662.4	918.7	735.0	682.5	621.2	586.2
47.5°	12118.3	12372.0	12459.5	8889.7	3421.1	1644.9	866.2	717.5	682.5	612.5	560.0
50°	12459.5	12739.5	13002.0	9502.1	3561.1	1601.2	831.2	691.2	691.2	603.7	542.5
52.5°	12897.0	13212.0	13693.2	10263.4	3701.1	1522.4	778.7	673.7	691.2	595.0	525.0
55°	13605.7	13868.2	14498.2	11173.3	3876.1	1426.2	735.0	630.0	656.2	568.7	498.7
57.5°	14402.0	14629.5	15154.4	11873.3	3928.6	1303.7	673.7	586.2	630.0	542.5	463.7
60°	15381.9	15495.7	15495.7	12074.5	3753.6	1190.0	630.0	551.2	568.7	516.2	437.5
62.5°	16003.2	16003.2	15495.7	11707.1	3421.1	1093.7	595.0	516.2	498.7	481.2	411.2
65°	15959.4	15889.4	15136.9	10639.6	3036.1	1032.5	560.0	472.5	446.2	437.5	385.0
67.5°	15224.4	15101.9	14078.2	9134.7	2633.7	1006.2	525.0	428.7	411.2	393.7	350.0
70°	13667.0	13352.0	12092.0	7349.7	2239.9	988.7	516.2	393.7	376.2	358.7	323.7
72.5°	11409.6	11007.1	9440.9	5652.3	1881.2	927.5	490.0	350.0	341.2	323.7	288.7
75°	8705.9	7962.2	6588.5	4322.3	1461.2	805.0	420.0	306.2	306.2	297.5	262.5
77.5°	6002.3	5617.3	4593.6	3193.6	1067.5	621.2	341.2	271.2	271.2	280.0	245.0
80°	4243.6	3884.9	3272.4	2292.4	673.7	420.0	262.5	227.5	253.7	271.2	227.5
82.5°	3246.1	2983.6	2432.4	1671.2	393.7	288.7	201.2	183.7	218.7	236.2	192.5
85°	2257.4	1942.4	1233.7	1120.0	227.5	175.0	148.7	148.7	192.5	236.2	175.0
87.5°	638.7	271.2	78.7	332.5	96.2	70.0	52.5	35.0	52.5	52.5	35.0
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°	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3
2.5°	5424.8	5372.3	5372.3	5354.8	5363.5	5372.3	5363.5	5424.8	5451.0	5486.0	5556.0
5°	4164.8	4234.8	4182.3	4234.8	4304.8	4409.8	4436.1	4514.8	4523.6	4584.8	4549.8
7.5°	3088.6	3079.9	3036.1	3097.4	3289.9	3438.6	3508.6	3552.4	3561.1	3561.1	3517.4
10°	2616.2	2537.4	2458.7	2414.9	2432.4	2589.9	2642.4	2668.7	2651.2	2677.4	2642.4
12.5°	2239.9	2169.9	2056.2	1977.4	1924.9	1968.7	2021.2	2047.4	2064.9	2108.7	2143.7
15°	1819.9	1749.9	1679.9	1636.2	1592.4	1557.4	1601.2	1627.4	1671.2	1706.2	1723.7
17.5°	1382.4	1347.4	1312.5	1338.7	1338.7	1321.2	1338.7	1347.4	1364.9	1391.2	1382.4
20°	1120.0	1111.2	1102.5	1146.2	1181.2	1181.2	1198.7	1172.5	1163.7	1137.5	1128.7
22.5°	997.5	997.5	1006.2	1041.2	1076.2	1093.7	1093.7	1050.0	1006.2	988.7	997.5
25°	927.5	927.5	953.7	962.5	980.0	980.0	988.7	945.0	918.7	892.5	901.2
27.5°	875.0	875.0	883.7	883.7	892.5	892.5	901.2	883.7	848.7	840.0	840.0
30°	840.0	840.0	831.2	831.2	831.2	831.2	840.0	813.7	796.2	787.5	787.5
32.5°	805.0	796.2	787.5	787.5	778.7	778.7	787.5	761.2	752.5	752.5	752.5
35°	700.0	691.2	700.0	717.5	717.5	726.2	726.2	717.5	700.0	682.5	673.7
37.5°	656.2	647.5	647.5	647.5	665.0	673.7	682.5	665.0	638.7	612.5	612.5
40°	621.2	621.2	612.5	612.5	612.5	630.0	647.5	621.2	586.2	577.5	577.5
42.5°	595.0	586.2	577.5	568.7	560.0	586.2	603.7	568.7	551.2	551.2	551.2
45°	568.7	560.0	551.2	542.5	533.7	542.5	560.0	525.0	516.2	516.2	516.2
47.5°	542.5	533.7	516.2	507.5	498.7	498.7	516.2	490.0	481.2	490.0	490.0
50°	525.0	507.5	490.0	481.2	472.5	472.5	472.5	463.7	463.7	463.7	472.5
52.5°	507.5	490.0	463.7	455.0	446.2	446.2	446.2	446.2	437.5	446.2	455.0
55°	481.2	463.7	446.2	437.5	428.7	420.0	428.7	420.0	420.0	428.7	428.7
57.5°	446.2	428.7	411.2	411.2	402.5	402.5	411.2	402.5	402.5	411.2	411.2
60°	420.0	402.5	385.0	385.0	376.2	385.0	393.7	385.0	385.0	385.0	393.7
62.5°	385.0	376.2	358.7	358.7	358.7	358.7	367.5	358.7	367.5	367.5	367.5
65°	358.7	341.2	332.5	332.5	332.5	332.5	350.0	332.5	341.2	341.2	341.2
67.5°	332.5	315.0	306.2	306.2	306.2	306.2	323.7	306.2	315.0	323.7	315.0
70°	306.2	288.7	280.0	280.0	280.0	280.0	288.7	280.0	280.0	288.7	288.7
72.5°	271.2	262.5	253.7	253.7	245.0	253.7	262.5	253.7	253.7	253.7	253.7
75°	245.0	236.2	236.2	227.5	227.5	227.5	236.2	218.7	218.7	218.7	218.7
77.5°	227.5	210.0	210.0	210.0	201.2	210.0	201.2	183.7	183.7	183.7	183.7
80°	192.5	175.0	183.7	183.7	175.0	175.0	166.2	148.7	148.7	148.7	148.7
82.5°	157.5	140.0	148.7	148.7	148.7	148.7	131.2	122.5	113.7	105.0	105.0
85°	140.0	113.7	131.2	131.2	122.5	122.5	87.5	87.5	70.0	70.0	61.2
87.5°	26.2	17.5	35.0	43.7	43.7	52.5	35.0	43.7	26.2	17.5	17.5
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°	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3
2.5°	5547.3	5643.5	5774.8	5871.0	6019.8	6133.5	6308.5	6457.3	6597.3	6658.5	6719.7
5°	4654.8	4716.1	4917.3	5074.8	5311.1	5564.8	5879.8	6221.0	6571.0	6728.5	6912.2
7.5°	3482.4	3596.1	3709.9	3937.4	4226.1	4637.3	5039.8	5547.3	6037.3	6273.5	6588.5
10°	2703.6	2791.1	2922.4	3158.6	3429.9	3771.1	4252.3	4856.1	5442.3	5748.5	6072.3
12.5°	2169.9	2292.4	2467.4	2712.4	3027.4	3377.4	3727.4	4287.3	4969.8	5319.8	5687.3
15°	1758.7	1854.9	2047.4	2353.7	2721.1	3079.9	3447.4	3911.1	4654.8	5057.3	5494.8
17.5°	1399.9	1469.9	1644.9	1951.2	2318.7	2721.1	3141.1	3727.4	4549.8	5039.8	5556.0
20°	1137.5	1190.0	1303.7	1531.2	1881.2	2318.7	2843.6	3552.4	4611.1	5241.1	5871.0
22.5°	997.5	1015.0	1067.5	1190.0	1478.7	1942.4	2572.4	3403.6	4724.8	5538.5	6387.3
25°	901.2	918.7	936.2	1015.0	1181.2	1618.7	2336.2	3316.1	4969.8	5976.0	6982.2
27.5°	840.0	857.5	866.2	901.2	1015.0	1382.4	2134.9	3263.6	5302.3	6614.8	7717.2
30°	787.5	787.5	813.7	866.2	945.0	1216.2	1959.9	3141.1	5652.3	7148.5	8294.7
32.5°	743.7	752.5	787.5	813.7	866.2	1076.2	1784.9	2983.6	5967.3	7586.0	8863.4
35°	665.0	665.0	673.7	717.5	787.5	962.5	1627.4	2826.1	6142.3	8014.7	9370.9
37.5°	612.5	621.2	638.7	673.7	735.0	883.7	1496.2	2651.2	6326.0	8417.2	9965.9
40°	577.5	586.2	603.7	638.7	700.0	813.7	1382.4	2511.2	6518.5	8854.7	10604.6
42.5°	551.2	560.0	577.5	612.5	665.0	796.2	1260.0	2397.4	6632.3	9257.2	11208.3
45°	525.0	533.7	560.0	595.0	638.7	778.7	1190.0	2318.7	6676.0	9528.4	11689.6
47.5°	498.7	507.5	533.7	586.2	638.7	752.5	1163.7	2274.9	6711.0	9834.6	12074.5
50°	472.5	490.0	525.0	577.5	647.5	717.5	1146.2	2266.2	6912.2	10228.4	12442.0
52.5°	455.0	481.2	516.2	577.5	638.7	665.0	1137.5	2292.4	7314.7	10814.6	12967.0
55°	437.5	463.7	498.7	577.5	612.5	621.2	1093.7	2336.2	7927.2	11628.3	13710.7
57.5°	420.0	437.5	481.2	560.0	577.5	586.2	1006.2	2397.4	8539.7	12424.5	14472.0
60°	393.7	411.2	455.0	560.0	525.0	551.2	892.5	2414.9	8977.2	12678.3	14542.0
62.5°	367.5	385.0	428.7	577.5	481.2	516.2	796.2	2353.7	9064.7	12310.8	14148.2
65°	341.2	358.7	393.7	481.2	446.2	481.2	735.0	2187.4	8775.9	11470.8	13430.7
67.5°	315.0	332.5	358.7	393.7	402.5	437.5	708.7	1924.9	8049.7	10429.6	12450.8
70°	280.0	297.5	323.7	350.0	358.7	411.2	665.0	1671.2	6877.2	9038.4	11252.1
72.5°	253.7	262.5	288.7	306.2	323.7	376.2	638.7	1461.2	5258.6	7314.7	9178.4
75°	218.7	218.7	245.0	262.5	280.0	332.5	586.2	1216.2	3709.9	5582.3	6746.0
77.5°	183.7	183.7	201.2	218.7	236.2	288.7	498.7	988.7	2572.4	4427.3	4891.1
80°	140.0	140.0	157.5	175.0	192.5	245.0	402.5	726.2	1592.4	3237.4	3561.1
82.5°	96.2	96.2	122.5	131.2	140.0	192.5	306.2	498.7	936.2	2336.2	2546.2
85°	52.5	52.5	70.0	78.7	96.2	140.0	227.5	350.0	560.0	1688.7	1697.4
87.5°	8.7	8.7	26.2	26.2	43.7	70.0	131.2	192.5	315.0	936.2	595.0
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: P598598  
 CATALOG NUMBER: IFLD-S-SA6B-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3	6247.3
2.5°	6833.5	6929.7	6938.5	6938.5	6894.7	6903.5	6781.0	6649.8	6606.0	6597.3
5°	7192.2	7446.0	7516.0	7551.0	7437.2	7262.2	6947.2	6606.0	6431.0	6404.8
7.5°	7122.2	7629.7	7901.0	7936.0	7708.5	7297.2	6746.0	6221.0	6019.8	5967.3
10°	6711.0	7393.5	7883.5	8006.0	7761.0	7236.0	6518.5	5906.0	5661.0	5617.3
12.5°	6422.3	7078.5	7559.7	7726.0	7612.2	7157.2	6404.8	5704.8	5459.8	5398.5
15°	6264.8	6868.5	7183.5	7236.0	7227.2	7034.7	6404.8	5748.5	5477.3	5407.3
17.5°	6396.0	6807.2	6851.0	6728.5	6798.5	6894.7	6544.8	5984.8	5722.3	5661.0
20°	6658.5	6781.0	6571.0	6387.3	6422.3	6728.5	6763.5	6431.0	6221.0	6116.0
22.5°	7209.7	6877.2	6396.0	6142.3	6168.5	6597.3	7052.2	7034.7	6851.0	6798.5
25°	7769.7	7148.5	6343.5	6046.0	6081.0	6571.0	7393.5	7708.5	7612.2	7586.0
27.5°	8390.9	7603.5	6378.5	6002.3	6046.0	6606.0	7629.7	8277.2	8294.7	8268.4
30°	8810.9	7822.2	6483.5	6054.8	6116.0	6693.5	7682.2	8618.4	8775.9	8784.7
32.5°	9160.9	8041.0	6702.2	6142.3	6247.3	6851.0	7822.2	8942.2	9292.2	9300.9
35°	9440.9	8285.9	6973.5	6299.8	6457.3	7113.5	8006.0	9248.4	9773.4	9834.6
37.5°	9799.6	8557.2	7288.5	6641.0	6816.0	7489.7	8329.7	9607.1	10342.1	10508.4
40°	10184.6	8828.4	7743.5	7192.2	7446.0	8049.7	8697.2	10009.6	10823.3	11050.8
42.5°	10613.4	9117.2	8259.7	7936.0	8320.9	8758.4	9117.2	10377.1	11190.8	11453.3
45°	11033.3	9467.1	9012.2	8950.9	9379.7	9598.4	9528.4	10639.6	11540.8	11803.3
47.5°	11330.8	9974.6	9922.1	10289.6	10692.1	10578.4	10009.6	10832.1	11829.6	12118.3
50°	11602.1	10604.6	11068.3	11785.8	12030.8	11645.8	10525.9	11094.6	12135.8	12459.5
52.5°	12004.6	11278.3	12249.5	13142.0	13378.3	12765.8	11085.8	11523.3	12608.3	12897.0
55°	12827.0	12039.6	13483.2	14507.0	14550.7	13789.5	11838.3	12249.5	13273.3	13605.7
57.5°	13745.7	12975.8	14463.2	15635.7	15618.2	14813.2	12687.0	13229.5	14174.5	14402.0
60°	14577.0	13920.7	15530.7	16440.6	16396.9	15556.9	13675.7	14340.7	15206.9	15381.9
62.5°	15066.9	14778.2	16003.2	16694.4	16528.1	15801.9	14515.7	15329.4	15941.9	16003.2
65°	14988.2	15268.2	15451.9	15880.7	15644.4	15119.4	14926.9	15959.4	16020.7	15959.4
67.5°	14393.2	14988.2	13938.2	13982.0	13859.5	13413.2	14288.2	15793.2	15373.2	15224.4
70°	13492.0	13535.7	11654.6	11103.3	11295.8	10683.4	12258.3	14498.2	13850.7	13667.0
72.5°	11995.8	11453.3	8810.9	8250.9	8539.7	8102.2	9834.6	12634.5	12004.6	11409.6
75°	10062.1	9073.4	6711.0	5914.8	6063.5	6046.0	7621.0	10438.4	9300.9	8705.9
77.5°	7796.0	7069.7	4952.3	4646.1	4488.6	4523.6	5319.8	7761.0	6746.0	6002.3
80°	5696.0	4943.6	3832.4	4007.4	3919.9	3709.9	3727.4	5197.3	4689.8	4243.6
82.5°	3937.4	3517.4	3106.1	3508.6	3298.6	2974.9	2904.9	3744.9	3517.4	3246.1
85°	2642.4	2896.1	2467.4	2686.1	2327.4	2143.7	2729.9	3132.4	2528.7	2257.4
87.5°	1723.7	2651.2	1776.2	1347.4	770.0	1032.5	1671.2	2056.2	1181.2	638.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)