

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: P598597

Luminaire Tested: **IFLD-S-SA6A-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: P598597  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-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**

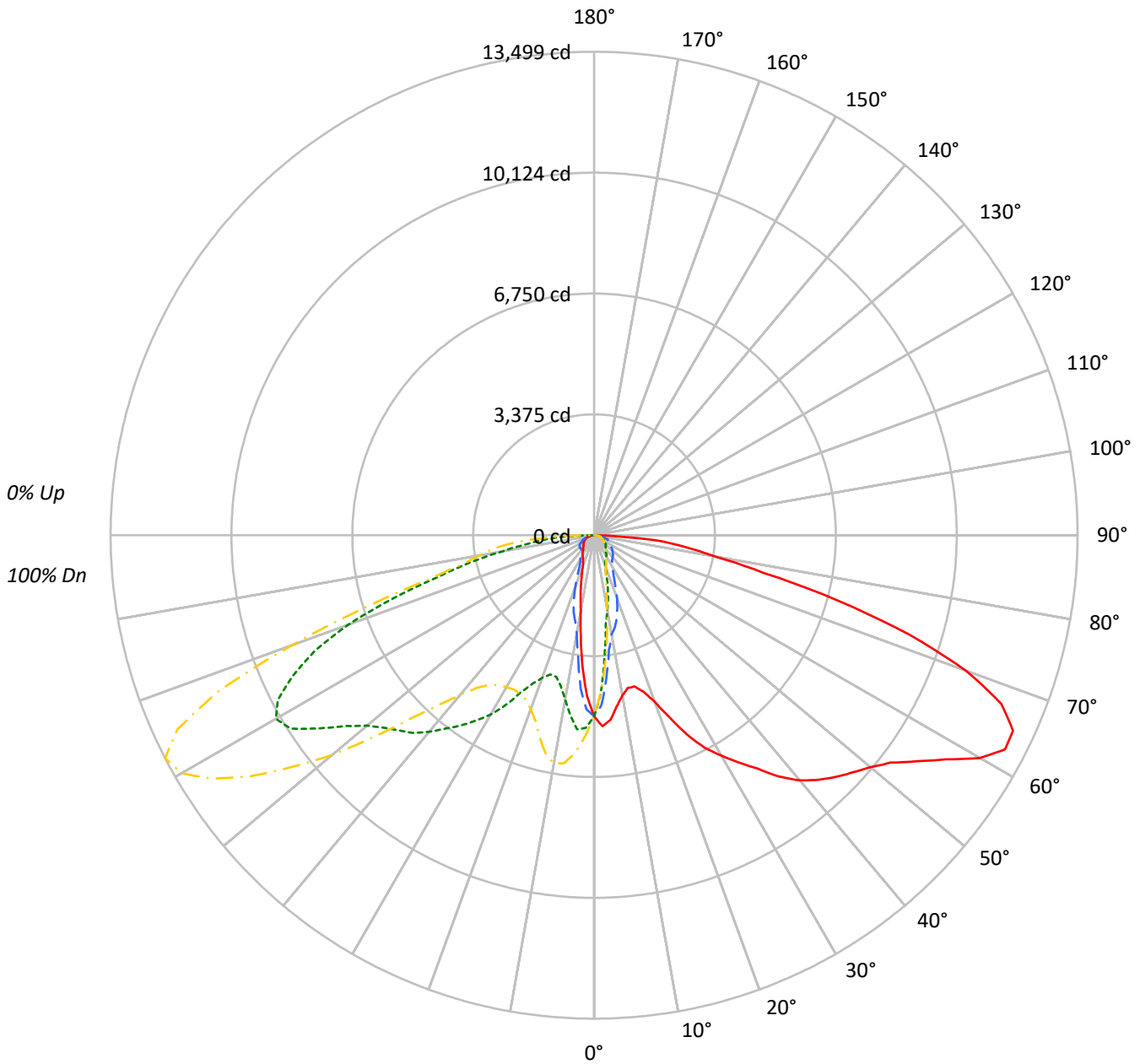
Lumens per Lamp: N/A  
 Luminaire Lumens: 16910.2 lumens  
 Efficiency: N/A  
 Efficacy: 89.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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	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°	36249	36249	36249	36249
5°	37304	24258	26500	39190
10°	33096	15414	15569	33869
15°	32481	10932	10354	30379
20°	37765	6916	6969	32362
25°	48566	5938	5770	38259
30°	58857	5628	5276	47894
35°	69661	4958	4773	56771
40°	83703	4705	4374	67069
45°	96855	4667	4236	78187
50°	112470	4739	4265	92329
55°	137636	4868	4338	117632
60°	178500	4874	4570	147125
65°	219113	4926	4685	157487
70°	231857	5195	4899	153334
75°	195172	5492	4905	125146
80°	141797	6430	4971	108175
85°	150286	9320	4076	112420

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	390.9	2.3
10°-20°	818.2	4.8
20°-30°	1179.1	7.0
30°-40°	1697.4	10.0
40°-50°	2411.0	14.3
50°-60°	3466.4	20.5
60°-70°	4004.8	23.7
70°-80°	2267.6	13.4
80°-90°	674.8	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°	2388.2	14.1
0°-40°	4085.6	24.2
0°-60°	9963.0	58.9
0°-90°	16910.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16910.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5051	5051	5051	5051	5051	
5°	5179	3368	3679	5440	5179	470
15°	4372	1472	1394	4089	4372	1286
25°	6134	750	729	4832	6134	2847
35°	7952	566	545	6480	7952	5047
45°	9544	460	417	7704	9544	7390
55°	11001	389	347	9402	11001	9963
65°	12904	290	276	9275	12904	12374
75°	7039	198	177	4514	7039	7469
85°	1825	113	50	1365	1825	1818
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°	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4
2.5°	5334.4	5327.3	5284.8	5150.4	5008.9	4874.5	4747.2	4612.7	4542.0	4457.1	4421.7
5°	5178.7	5164.6	5044.3	4747.2	4485.4	4202.4	3961.9	3770.8	3615.2	3459.6	3403.0
7.5°	4825.0	4803.8	4662.3	4251.9	3869.9	3502.0	3211.9	2964.3	2759.2	2667.2	2561.1
10°	4542.0	4506.6	4322.7	3869.9	3374.7	3006.8	2815.8	2646.0	2469.1	2320.5	2164.9
12.5°	4365.1	4322.7	4131.7	3601.1	3120.0	2844.1	2646.0	2454.9	2235.6	2051.7	1881.9
15°	4372.2	4322.7	4089.2	3530.3	3056.3	2702.6	2426.6	2164.9	1910.2	1705.0	1514.0
17.5°	4577.4	4513.7	4266.1	3629.4	3006.8	2518.6	2150.7	1811.1	1521.1	1301.8	1146.1
20°	4945.3	4902.8	4619.8	3777.9	2957.2	2320.5	1867.7	1457.4	1153.2	983.4	919.7
22.5°	5497.1	5447.6	5143.4	4004.3	2943.1	2143.7	1563.5	1146.1	926.8	856.0	820.7
25°	6133.8	6041.8	5758.9	4386.4	2971.4	1980.9	1315.9	948.0	827.7	778.2	757.0
27.5°	6685.6	6629.0	6310.7	4747.2	2985.5	1853.6	1146.1	863.1	771.1	728.7	714.6
30°	7103.1	7081.8	6770.5	5143.4	2950.2	1697.9	1040.0	827.7	771.1	728.7	686.3
32.5°	7520.5	7527.5	7195.0	5447.6	2900.7	1563.5	940.9	735.8	679.2	650.9	658.0
35°	7952.0	7987.4	7704.4	5744.7	2794.5	1514.0	870.2	686.3	636.7	594.3	573.1
37.5°	8496.8	8588.8	8312.8	6077.2	2688.4	1471.5	834.8	650.9	601.4	566.0	537.7
40°	8935.4	9105.2	8942.5	6388.5	2617.7	1422.0	806.5	615.5	580.1	537.7	516.5
42.5°	9260.9	9459.0	9402.4	6629.0	2617.7	1372.5	778.2	594.3	566.0	516.5	488.2
45°	9543.9	9749.0	9741.9	6876.7	2674.3	1344.2	742.8	594.3	551.8	502.3	474.0
47.5°	9798.5	10003.7	10074.5	7188.0	2766.2	1330.1	700.4	580.1	551.8	495.2	452.8
50°	10074.5	10300.8	10513.1	7683.2	2879.4	1294.7	672.1	558.9	558.9	488.2	438.6
52.5°	10428.2	10682.9	11072.0	8298.7	2992.6	1231.0	629.7	544.8	558.9	481.1	424.5
55°	11001.3	11213.5	11722.9	9034.5	3134.1	1153.2	594.3	509.4	530.6	459.9	403.3
57.5°	11645.1	11829.0	12253.5	9600.4	3176.6	1054.1	544.8	474.0	509.4	438.6	375.0
60°	12437.4	12529.4	12529.4	9763.2	3035.1	962.2	509.4	445.7	459.9	417.4	353.7
62.5°	12939.7	12939.7	12529.4	9466.0	2766.2	884.3	481.1	417.4	403.3	389.1	332.5
65°	12904.4	12847.8	12239.3	8602.9	2454.9	834.8	452.8	382.0	360.8	353.7	311.3
67.5°	12310.1	12211.0	11383.3	7386.0	2129.5	813.6	424.5	346.7	332.5	318.4	283.0
70°	11050.8	10796.1	9777.3	5942.8	1811.1	799.4	417.4	318.4	304.2	290.1	261.8
72.5°	9225.5	8900.0	7633.7	4570.3	1521.1	749.9	396.2	283.0	275.9	261.8	233.5
75°	7039.4	6438.0	5327.3	3494.9	1181.5	650.9	339.6	247.6	247.6	240.5	212.2
77.5°	4853.3	4542.0	3714.2	2582.3	863.1	502.3	275.9	219.3	219.3	226.4	198.1
80°	3431.3	3141.2	2646.0	1853.6	544.8	339.6	212.2	183.9	205.2	219.3	183.9
82.5°	2624.7	2412.5	1966.8	1351.3	318.4	233.5	162.7	148.6	176.9	191.0	155.6
85°	1825.3	1570.6	997.5	905.6	183.9	141.5	120.3	120.3	155.6	191.0	141.5
87.5°	516.5	219.3	63.7	268.8	77.8	56.6	42.4	28.3	42.4	42.4	28.3
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°	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4
2.5°	4386.4	4343.9	4343.9	4329.8	4336.8	4343.9	4336.8	4386.4	4407.6	4435.9	4492.5
5°	3367.6	3424.2	3381.7	3424.2	3480.8	3565.7	3586.9	3650.6	3657.7	3707.2	3678.9
7.5°	2497.4	2490.3	2454.9	2504.5	2660.1	2780.4	2837.0	2872.4	2879.4	2879.4	2844.1
10°	2115.4	2051.7	1988.0	1952.6	1966.8	2094.1	2136.6	2157.8	2143.7	2164.9	2136.6
12.5°	1811.1	1754.5	1662.6	1598.9	1556.4	1591.8	1634.3	1655.5	1669.6	1705.0	1733.3
15°	1471.5	1415.0	1358.4	1323.0	1287.6	1259.3	1294.7	1315.9	1351.3	1379.6	1393.7
17.5°	1117.8	1089.5	1061.2	1082.4	1082.4	1068.3	1082.4	1089.5	1103.7	1124.9	1117.8
20°	905.6	898.5	891.4	926.8	955.1	955.1	969.2	948.0	940.9	919.7	912.6
22.5°	806.5	806.5	813.6	841.9	870.2	884.3	884.3	849.0	813.6	799.4	806.5
25°	749.9	749.9	771.1	778.2	792.4	792.4	799.4	764.1	742.8	721.6	728.7
27.5°	707.5	707.5	714.6	714.6	721.6	721.6	728.7	714.6	686.3	679.2	679.2
30°	679.2	679.2	672.1	672.1	672.1	672.1	679.2	658.0	643.8	636.7	636.7
32.5°	650.9	643.8	636.7	636.7	629.7	629.7	636.7	615.5	608.4	608.4	608.4
35°	566.0	558.9	566.0	580.1	580.1	587.2	587.2	580.1	566.0	551.8	544.8
37.5°	530.6	523.5	523.5	523.5	537.7	544.8	551.8	537.7	516.5	495.2	495.2
40°	502.3	502.3	495.2	495.2	495.2	509.4	523.5	502.3	474.0	466.9	466.9
42.5°	481.1	474.0	466.9	459.9	452.8	474.0	488.2	459.9	445.7	445.7	445.7
45°	459.9	452.8	445.7	438.6	431.6	438.6	452.8	424.5	417.4	417.4	417.4
47.5°	438.6	431.6	417.4	410.3	403.3	403.3	417.4	396.2	389.1	396.2	396.2
50°	424.5	410.3	396.2	389.1	382.0	382.0	382.0	375.0	375.0	375.0	382.0
52.5°	410.3	396.2	375.0	367.9	360.8	360.8	360.8	360.8	353.7	360.8	367.9
55°	389.1	375.0	360.8	353.7	346.7	339.6	346.7	339.6	339.6	346.7	346.7
57.5°	360.8	346.7	332.5	332.5	325.4	325.4	332.5	325.4	325.4	332.5	332.5
60°	339.6	325.4	311.3	311.3	304.2	311.3	318.4	311.3	311.3	311.3	318.4
62.5°	311.3	304.2	290.1	290.1	290.1	290.1	297.1	290.1	297.1	297.1	297.1
65°	290.1	275.9	268.8	268.8	268.8	268.8	283.0	268.8	275.9	275.9	275.9
67.5°	268.8	254.7	247.6	247.6	247.6	247.6	261.8	247.6	254.7	261.8	254.7
70°	247.6	233.5	226.4	226.4	226.4	226.4	233.5	226.4	226.4	233.5	233.5
72.5°	219.3	212.2	205.2	205.2	198.1	205.2	212.2	205.2	205.2	205.2	205.2
75°	198.1	191.0	191.0	183.9	183.9	183.9	191.0	176.9	176.9	176.9	176.9
77.5°	183.9	169.8	169.8	169.8	162.7	169.8	162.7	148.6	148.6	148.6	148.6
80°	155.6	141.5	148.6	148.6	141.5	141.5	134.4	120.3	120.3	120.3	120.3
82.5°	127.3	113.2	120.3	120.3	120.3	120.3	106.1	99.0	92.0	84.9	84.9
85°	113.2	92.0	106.1	106.1	99.0	99.0	70.7	70.7	56.6	56.6	49.5
87.5°	21.2	14.1	28.3	35.4	35.4	42.4	28.3	35.4	21.2	14.1	14.1
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°	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4
2.5°	4485.4	4563.2	4669.3	4747.2	4867.4	4959.4	5100.9	5221.2	5334.4	5383.9	5433.4
5°	3763.8	3813.3	3976.0	4103.4	4294.4	4499.5	4754.2	5030.2	5313.1	5440.5	5589.1
7.5°	2815.8	2907.7	2999.7	3183.6	3417.1	3749.6	4075.1	4485.4	4881.6	5072.6	5327.3
10°	2186.1	2256.8	2363.0	2554.0	2773.3	3049.2	3438.3	3926.5	4400.5	4648.1	4909.9
12.5°	1754.5	1853.6	1995.1	2193.2	2447.9	2730.9	3013.8	3466.6	4018.5	4301.5	4598.6
15°	1422.0	1499.8	1655.5	1903.1	2200.3	2490.3	2787.5	3162.4	3763.8	4089.2	4442.9
17.5°	1132.0	1188.6	1330.1	1577.7	1874.8	2200.3	2539.8	3013.8	3678.9	4075.1	4492.5
20°	919.7	962.2	1054.1	1238.1	1521.1	1874.8	2299.3	2872.4	3728.4	4237.8	4747.2
22.5°	806.5	820.7	863.1	962.2	1195.6	1570.6	2080.0	2752.1	3820.4	4478.3	5164.6
25°	728.7	742.8	757.0	820.7	955.1	1308.8	1889.0	2681.3	4018.5	4832.1	5645.7
27.5°	679.2	693.3	700.4	728.7	820.7	1117.8	1726.2	2638.9	4287.3	5348.5	6239.9
30°	636.7	636.7	658.0	700.4	764.1	983.4	1584.7	2539.8	4570.3	5780.1	6706.9
32.5°	601.4	608.4	636.7	658.0	700.4	870.2	1443.3	2412.5	4825.0	6133.8	7166.7
35°	537.7	537.7	544.8	580.1	636.7	778.2	1315.9	2285.1	4966.5	6480.5	7577.1
37.5°	495.2	502.3	516.5	544.8	594.3	714.6	1209.8	2143.7	5115.1	6805.9	8058.2
40°	466.9	474.0	488.2	516.5	566.0	658.0	1117.8	2030.5	5270.7	7159.7	8574.6
42.5°	445.7	452.8	466.9	495.2	537.7	643.8	1018.8	1938.5	5362.7	7485.1	9062.8
45°	424.5	431.6	452.8	481.1	516.5	629.7	962.2	1874.8	5398.0	7704.4	9451.9
47.5°	403.3	410.3	431.6	474.0	516.5	608.4	940.9	1839.4	5426.3	7952.0	9763.2
50°	382.0	396.2	424.5	466.9	523.5	580.1	926.8	1832.4	5589.1	8270.4	10060.3
52.5°	367.9	389.1	417.4	466.9	516.5	537.7	919.7	1853.6	5914.5	8744.4	10484.8
55°	353.7	375.0	403.3	466.9	495.2	502.3	884.3	1889.0	6409.7	9402.4	11086.1
57.5°	339.6	353.7	389.1	452.8	466.9	474.0	813.6	1938.5	6905.0	10046.2	11701.7
60°	318.4	332.5	367.9	452.8	424.5	445.7	721.6	1952.6	7258.7	10251.3	11758.3
62.5°	297.1	311.3	346.7	466.9	389.1	417.4	643.8	1903.1	7329.5	9954.2	11439.9
65°	275.9	290.1	318.4	389.1	360.8	389.1	594.3	1768.7	7096.0	9275.0	10859.8
67.5°	254.7	268.8	290.1	318.4	325.4	353.7	573.1	1556.4	6508.8	8433.1	10067.4
70°	226.4	240.5	261.8	283.0	290.1	332.5	537.7	1351.3	5560.8	7308.2	9098.1
72.5°	205.2	212.2	233.5	247.6	261.8	304.2	516.5	1181.5	4251.9	5914.5	7421.4
75°	176.9	176.9	198.1	212.2	226.4	268.8	474.0	983.4	2999.7	4513.7	5454.6
77.5°	148.6	148.6	162.7	176.9	191.0	233.5	403.3	799.4	2080.0	3579.8	3954.8
80°	113.2	113.2	127.3	141.5	155.6	198.1	325.4	587.2	1287.6	2617.7	2879.4
82.5°	77.8	77.8	99.0	106.1	113.2	155.6	247.6	403.3	757.0	1889.0	2058.8
85°	42.4	42.4	56.6	63.7	77.8	113.2	183.9	283.0	452.8	1365.4	1372.5
87.5°	7.1	7.1	21.2	21.2	35.4	56.6	106.1	155.6	254.7	757.0	481.1
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: P598597  
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4	5051.4
2.5°	5525.4	5603.2	5610.3	5610.3	5574.9	5582.0	5482.9	5376.8	5341.4	5334.4
5°	5815.5	6020.6	6077.2	6105.5	6013.5	5872.1	5617.4	5341.4	5199.9	5178.7
7.5°	5758.9	6169.2	6388.5	6416.8	6232.9	5900.3	5454.6	5030.2	4867.4	4825.0
10°	5426.3	5978.2	6374.4	6473.4	6275.3	5850.8	5270.7	4775.5	4577.4	4542.0
12.5°	5192.9	5723.5	6112.6	6247.0	6155.0	5787.2	5178.7	4612.7	4414.6	4365.1
15°	5065.5	5553.7	5808.4	5850.8	5843.8	5688.1	5178.7	4648.1	4428.8	4372.2
17.5°	5171.6	5504.2	5539.5	5440.5	5497.1	5574.9	5291.9	4839.1	4626.9	4577.4
20°	5383.9	5482.9	5313.1	5164.6	5192.9	5440.5	5468.8	5199.9	5030.2	4945.3
22.5°	5829.6	5560.8	5171.6	4966.5	4987.7	5334.4	5702.3	5688.1	5539.5	5497.1
25°	6282.4	5780.1	5129.2	4888.7	4917.0	5313.1	5978.2	6232.9	6155.0	6133.8
27.5°	6784.7	6148.0	5157.5	4853.3	4888.7	5341.4	6169.2	6692.7	6706.9	6685.6
30°	7124.3	6324.8	5242.4	4895.7	4945.3	5412.2	6211.6	6968.6	7096.0	7103.1
32.5°	7407.3	6501.7	5419.3	4966.5	5051.4	5539.5	6324.8	7230.4	7513.4	7520.5
35°	7633.7	6699.8	5638.6	5093.8	5221.2	5751.8	6473.4	7478.0	7902.5	7952.0
37.5°	7923.7	6919.1	5893.3	5369.7	5511.2	6056.0	6735.2	7768.1	8362.4	8496.8
40°	8235.0	7138.4	6261.2	5815.5	6020.6	6508.8	7032.3	8093.5	8751.5	8935.4
42.5°	8581.7	7371.9	6678.6	6416.8	6728.1	7081.8	7371.9	8390.7	9048.6	9260.9
45°	8921.3	7654.9	7287.0	7237.5	7584.1	7761.0	7704.4	8602.9	9331.6	9543.9
47.5°	9161.8	8065.2	8022.8	8319.9	8645.4	8553.4	8093.5	8758.6	9565.1	9798.5
50°	9381.1	8574.6	8949.6	9529.7	9727.8	9416.5	8510.9	8970.8	9812.7	10074.5
52.5°	9706.6	9119.4	9904.7	10626.3	10817.3	10322.1	8963.7	9317.5	10194.7	10428.2
55°	10371.6	9734.9	10902.2	11730.0	11765.3	11149.8	9572.1	9904.7	10732.4	11001.3
57.5°	11114.4	10491.9	11694.6	12642.6	12628.4	11977.6	10258.4	10697.0	11461.1	11645.1
60°	11786.5	11255.9	12557.7	13293.5	13258.1	12578.9	11057.8	11595.5	12295.9	12437.4
62.5°	12182.7	11949.3	12939.7	13498.6	13364.2	12777.0	11737.0	12395.0	12890.2	12939.7
65°	12119.1	12345.5	12494.0	12840.7	12649.7	12225.2	12069.5	12904.4	12953.9	12904.4
67.5°	11638.0	12119.1	11270.1	11305.5	11206.4	10845.6	11553.1	12769.9	12430.4	12310.1
70°	10909.3	10944.7	9423.6	8977.9	9133.5	8638.3	9911.7	11722.9	11199.3	11050.8
72.5°	9699.5	9260.9	7124.3	6671.5	6905.0	6551.2	7952.0	10216.0	9706.6	9225.5
75°	8136.0	7336.5	5426.3	4782.5	4902.8	4888.7	6162.1	8440.2	7520.5	7039.4
77.5°	6303.6	5716.4	4004.3	3756.7	3629.4	3657.7	4301.5	6275.3	5454.6	4853.3
80°	4605.7	3997.2	3098.7	3240.2	3169.5	2999.7	3013.8	4202.4	3792.1	3431.3
82.5°	3183.6	2844.1	2511.5	2837.0	2667.2	2405.4	2348.8	3028.0	2844.1	2624.7
85°	2136.6	2341.7	1995.1	2172.0	1881.9	1733.3	2207.3	2532.8	2044.6	1825.3
87.5°	1393.7	2143.7	1436.2	1089.5	622.6	834.8	1351.3	1662.6	955.1	516.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)