

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: P598628

Luminaire Tested: **IFLD-S-SA6C-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598628  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-727-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

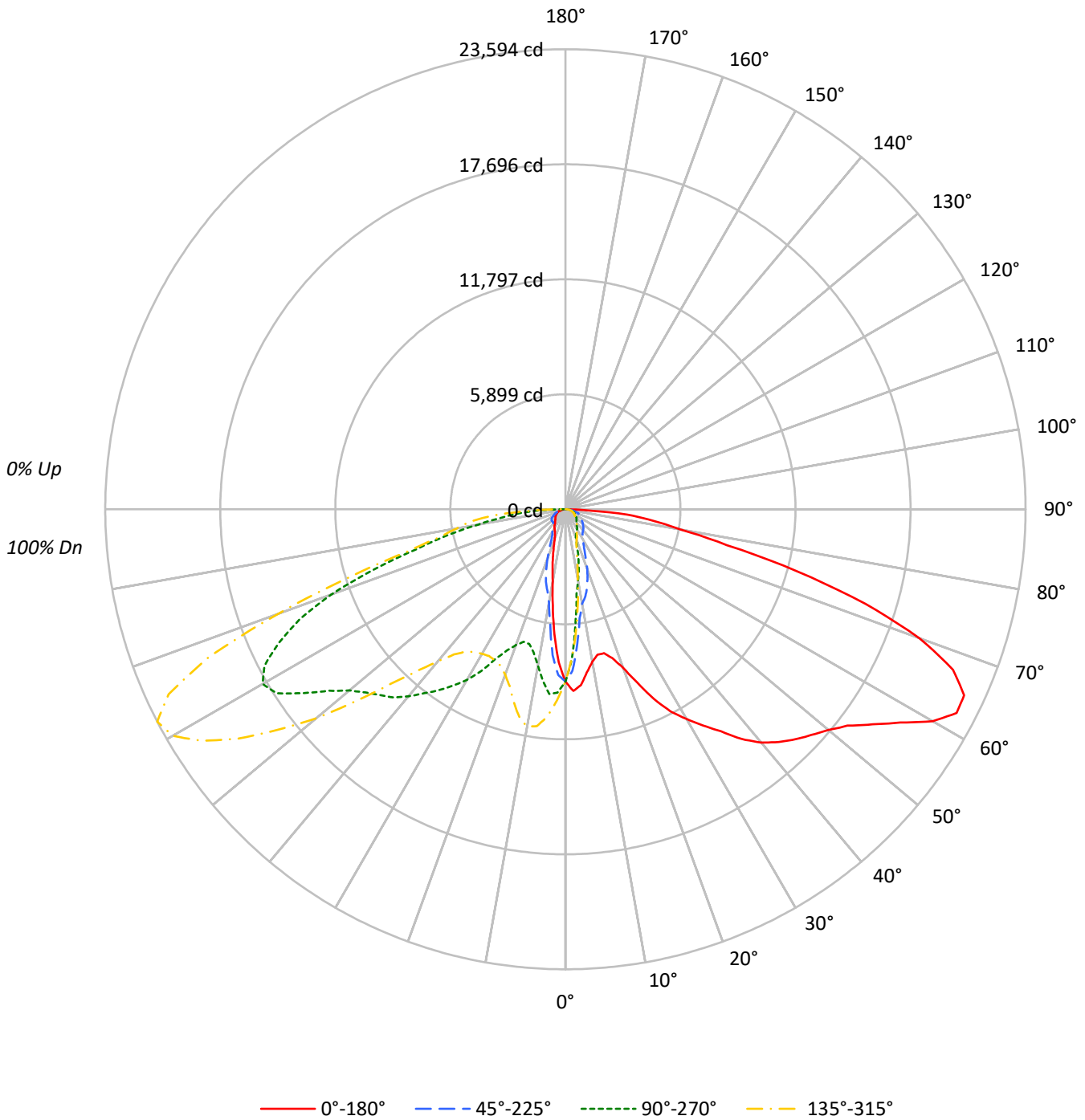
Lumens per Lamp: N/A  
 Luminaire Lumens: 29557.4 lumens  
 Efficiency: N/A  
 Efficacy: 91.9 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 321.5  
 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



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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°	63359	63359	63359	63359
5°	65204	42400	46320	68500
10°	57849	26942	27212	59200
15°	56775	19108	18098	53100
20°	66009	12088	12182	56565
25°	84889	10379	10085	66874
30°	102876	9836	9222	83714
35°	121762	8666	8341	99230
40°	146305	8225	7646	117229
45°	169292	8157	7404	136663
50°	196585	8284	7455	161383
55°	240574	8509	7580	205609
60°	312003	8519	7987	257163
65°	382988	8609	8189	275274
70°	405264	9081	8562	268014
75°	341143	9599	8573	218742
80°	247844	11244	8686	189077
85°	262681	16294	7130	196500

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	683.3	2.3
10°-20°	1430.1	4.8
20°-30°	2060.9	7.0
30°-40°	2966.9	10.0
40°-50°	4214.2	14.3
50°-60°	6058.9	20.5
60°-70°	7000.0	23.7
70°-80°	3963.5	13.4
80°-90°	1179.6	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°	4174.3	14.1
0°-40°	7141.2	24.2
0°-60°	17414.3	58.9
0°-90°	29557.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29557.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8829	8829	8829	8829	8829	
5°	9052	5886	6430	9510	9052	821
15°	7642	2572	2436	7148	7642	2247
25°	10721	1311	1274	8446	10721	4976
35°	13899	989	952	11327	13899	8821
45°	16682	804	730	13467	16682	12917
55°	19229	680	606	16434	19229	17415
65°	22556	507	482	16212	22556	21629
75°	12304	346	309	7890	12304	13055
85°	3190	198	87	2387	3190	3177
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°	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3
2.5°	9324.0	9311.6	9237.4	9002.5	8755.1	8520.2	8297.6	8062.6	7939.0	7790.6	7728.8
5°	9051.9	9027.2	8817.0	8297.6	7840.1	7345.4	6925.0	6591.1	6319.0	6047.0	5948.1
7.5°	8433.6	8396.5	8149.2	7432.0	6764.2	6121.2	5614.2	5181.4	4822.8	4662.0	4476.5
10°	7939.0	7877.2	7555.6	6764.2	5898.6	5255.6	4921.7	4624.9	4315.7	4056.1	3784.0
12.5°	7629.8	7555.6	7221.8	6294.3	5453.4	4971.1	4624.9	4291.0	3907.7	3586.1	3289.4
15°	7642.2	7555.6	7147.6	6170.6	5342.1	4723.8	4241.5	3784.0	3338.8	2980.2	2646.3
17.5°	8000.8	7889.5	7456.7	6343.8	5255.6	4402.3	3759.3	3165.7	2658.7	2275.3	2003.3
20°	8643.9	8569.7	8075.0	6603.5	5169.0	4056.1	3264.6	2547.4	2015.7	1718.9	1607.6
22.5°	9608.4	9521.8	8990.1	6999.2	5144.3	3746.9	2732.9	2003.3	1619.9	1496.3	1434.5
25°	10721.3	10560.6	10065.9	7666.9	5193.7	3462.5	2300.1	1657.0	1446.8	1360.3	1323.2
27.5°	11685.9	11587.0	11030.5	8297.6	5218.5	3239.9	2003.3	1508.7	1347.9	1273.7	1249.0
30°	12415.5	12378.4	11834.3	8990.1	5156.6	2967.8	1817.8	1446.8	1347.9	1273.7	1199.5
32.5°	13145.1	13157.5	12576.2	9521.8	5070.1	2732.9	1644.7	1286.1	1187.1	1137.7	1150.0
35°	13899.4	13961.2	13466.6	10041.2	4884.6	2646.3	1521.0	1199.5	1112.9	1038.7	1001.6
37.5°	14851.6	15012.4	14530.1	10622.4	4699.1	2572.1	1459.2	1137.7	1051.1	989.3	939.8
40°	15618.3	15915.1	15630.7	11166.5	4575.4	2485.6	1409.7	1075.8	1014.0	939.8	902.7
42.5°	16187.1	16533.4	16434.4	11587.0	4575.4	2399.0	1360.3	1038.7	989.3	902.7	853.3
45°	16681.8	17040.4	17028.0	12019.8	4674.4	2349.5	1298.4	1038.7	964.6	878.0	828.5
47.5°	17126.9	17485.6	17609.2	12563.9	4835.1	2324.8	1224.2	1014.0	964.6	865.6	791.4
50°	17609.2	18004.9	18375.9	13429.5	5033.0	2263.0	1174.8	976.9	976.9	853.3	766.7
52.5°	18227.5	18672.7	19352.8	14505.3	5230.8	2151.7	1100.6	952.2	976.9	840.9	742.0
55°	19229.2	19600.2	20490.5	15791.4	5478.1	2015.7	1038.7	890.4	927.5	803.8	704.9
57.5°	20354.5	20676.0	21418.0	16780.7	5552.3	1842.5	952.2	828.5	890.4	766.7	655.4
60°	21739.5	21900.2	21900.2	17065.1	5305.0	1681.8	890.4	779.1	803.8	729.6	618.3
62.5°	22617.5	22617.5	21900.2	16545.7	4835.1	1545.8	840.9	729.6	704.9	680.1	581.2
65°	22555.6	22456.7	21393.2	15037.1	4291.0	1459.2	791.4	667.8	630.7	618.3	544.1
67.5°	21516.9	21343.8	19896.9	12910.1	3722.2	1422.1	742.0	605.9	581.2	556.5	494.6
70°	19315.7	18870.6	17089.8	10387.5	3165.7	1397.4	729.6	556.5	531.7	507.0	457.5
72.5°	16125.3	15556.5	13342.9	7988.5	2658.7	1310.8	692.5	494.6	482.3	457.5	408.1
75°	12304.2	11253.1	9311.6	6108.8	2065.1	1137.7	593.6	432.8	432.8	420.4	371.0
77.5°	8483.1	7939.0	6492.2	4513.6	1508.7	878.0	482.3	383.3	383.3	395.7	346.2
80°	5997.5	5490.5	4624.9	3239.9	952.2	593.6	371.0	321.5	358.6	383.3	321.5
82.5°	4587.8	4216.8	3437.8	2361.9	556.5	408.1	284.4	259.7	309.2	333.9	272.1
85°	3190.4	2745.3	1743.6	1582.9	321.5	247.3	210.2	210.2	272.1	333.9	247.3
87.5°	902.7	383.3	111.3	469.9	136.0	98.9	74.2	49.5	74.2	74.2	49.5
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3
2.5°	7666.9	7592.7	7592.7	7568.0	7580.4	7592.7	7580.4	7666.9	7704.0	7753.5	7852.4
5°	5886.2	5985.2	5911.0	5985.2	6084.1	6232.5	6269.6	6380.9	6393.2	6479.8	6430.3
7.5°	4365.2	4352.8	4291.0	4377.6	4649.6	4859.8	4958.8	5020.6	5033.0	5033.0	4971.1
10°	3697.4	3586.1	3474.9	3413.0	3437.8	3660.3	3734.5	3771.6	3746.9	3784.0	3734.5
12.5°	3165.7	3066.8	2906.0	2794.7	2720.5	2782.4	2856.6	2893.7	2918.4	2980.2	3029.7
15°	2572.1	2473.2	2374.3	2312.4	2250.6	2201.2	2263.0	2300.1	2361.9	2411.4	2436.1
17.5°	1953.8	1904.4	1854.9	1892.0	1892.0	1867.3	1892.0	1904.4	1929.1	1966.2	1953.8
20°	1582.9	1570.5	1558.1	1619.9	1669.4	1669.4	1694.1	1657.0	1644.7	1607.6	1595.2
22.5°	1409.7	1409.7	1422.1	1471.6	1521.0	1545.8	1545.8	1483.9	1422.1	1397.4	1409.7
25°	1310.8	1310.8	1347.9	1360.3	1385.0	1385.0	1397.4	1335.5	1298.4	1261.3	1273.7
27.5°	1236.6	1236.6	1249.0	1249.0	1261.3	1261.3	1273.7	1249.0	1199.5	1187.1	1187.1
30°	1187.1	1187.1	1174.8	1174.8	1174.8	1174.8	1187.1	1150.0	1125.3	1112.9	1112.9
32.5°	1137.7	1125.3	1112.9	1112.9	1100.6	1100.6	1112.9	1075.8	1063.5	1063.5	1063.5
35°	989.3	976.9	989.3	1014.0	1014.0	1026.4	1026.4	1014.0	989.3	964.6	952.2
37.5°	927.5	915.1	915.1	915.1	939.8	952.2	964.6	939.8	902.7	865.6	865.6
40°	878.0	878.0	865.6	865.6	865.6	890.4	915.1	878.0	828.5	816.2	816.2
42.5°	840.9	828.5	816.2	803.8	791.4	828.5	853.3	803.8	779.1	779.1	779.1
45°	803.8	791.4	779.1	766.7	754.3	766.7	791.4	742.0	729.6	729.6	729.6
47.5°	766.7	754.3	729.6	717.2	704.9	704.9	729.6	692.5	680.1	692.5	692.5
50°	742.0	717.2	692.5	680.1	667.8	667.8	667.8	655.4	655.4	655.4	667.8
52.5°	717.2	692.5	655.4	643.0	630.7	630.7	630.7	630.7	618.3	630.7	643.0
55°	680.1	655.4	630.7	618.3	605.9	593.6	605.9	593.6	593.6	605.9	605.9
57.5°	630.7	605.9	581.2	581.2	568.8	568.8	581.2	568.8	568.8	581.2	581.2
60°	593.6	568.8	544.1	544.1	531.7	544.1	556.5	544.1	544.1	544.1	556.5
62.5°	544.1	531.7	507.0	507.0	507.0	507.0	519.4	507.0	519.4	519.4	519.4
65°	507.0	482.3	469.9	469.9	469.9	469.9	494.6	469.9	482.3	482.3	482.3
67.5°	469.9	445.2	432.8	432.8	432.8	432.8	457.5	432.8	445.2	457.5	445.2
70°	432.8	408.1	395.7	395.7	395.7	395.7	408.1	395.7	395.7	408.1	408.1
72.5°	383.3	371.0	358.6	358.6	346.2	358.6	371.0	358.6	358.6	358.6	358.6
75°	346.2	333.9	333.9	321.5	321.5	321.5	333.9	309.2	309.2	309.2	309.2
77.5°	321.5	296.8	296.8	296.8	284.4	296.8	284.4	259.7	259.7	259.7	259.7
80°	272.1	247.3	259.7	259.7	247.3	247.3	235.0	210.2	210.2	210.2	210.2
82.5°	222.6	197.9	210.2	210.2	210.2	210.2	185.5	173.1	160.8	148.4	148.4
85°	197.9	160.8	185.5	185.5	173.1	173.1	123.7	123.7	98.9	98.9	86.6
87.5°	37.1	24.7	49.5	61.8	61.8	74.2	49.5	61.8	37.1	24.7	24.7
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°	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3
2.5°	7840.1	7976.1	8161.6	8297.6	8507.8	8668.6	8915.9	9126.1	9324.0	9410.5	9497.1
5°	6578.7	6665.3	6949.7	7172.3	7506.2	7864.8	8310.0	8792.2	9286.9	9509.5	9769.2
7.5°	4921.7	5082.4	5243.2	5564.7	5972.8	6554.0	7122.8	7840.1	8532.6	8866.4	9311.6
10°	3821.1	3944.8	4130.3	4464.1	4847.5	5329.8	6009.9	6863.1	7691.7	8124.5	8582.0
12.5°	3066.8	3239.9	3487.2	3833.5	4278.6	4773.3	5267.9	6059.4	7023.9	7518.5	8037.9
15°	2485.6	2621.6	2893.7	3326.5	3845.8	4352.8	4872.2	5527.6	6578.7	7147.6	7765.9
17.5°	1978.6	2077.5	2324.8	2757.6	3277.0	3845.8	4439.4	5267.9	6430.3	7122.8	7852.4
20°	1607.6	1681.8	1842.5	2164.1	2658.7	3277.0	4019.0	5020.6	6516.9	7407.2	8297.6
22.5°	1409.7	1434.5	1508.7	1681.8	2089.9	2745.3	3635.6	4810.4	6677.7	7827.7	9027.2
25°	1273.7	1298.4	1323.2	1434.5	1669.4	2287.7	3301.7	4686.7	7023.9	8446.0	9868.1
27.5°	1187.1	1211.9	1224.2	1273.7	1434.5	1953.8	3017.3	4612.5	7493.8	9348.7	10906.8
30°	1112.9	1112.9	1150.0	1224.2	1335.5	1718.9	2770.0	4439.4	7988.5	10103.0	11723.0
32.5°	1051.1	1063.5	1112.9	1150.0	1224.2	1521.0	2522.7	4216.8	8433.6	10721.3	12526.8
35°	939.8	939.8	952.2	1014.0	1112.9	1360.3	2300.1	3994.2	8681.0	11327.3	13244.0
37.5°	865.6	878.0	902.7	952.2	1038.7	1249.0	2114.6	3746.9	8940.6	11896.1	14084.9
40°	816.2	828.5	853.3	902.7	989.3	1150.0	1953.8	3549.0	9212.7	12514.4	14987.6
42.5°	779.1	791.4	816.2	865.6	939.8	1125.3	1780.7	3388.3	9373.4	13083.3	15840.9
45°	742.0	754.3	791.4	840.9	902.7	1100.6	1681.8	3277.0	9435.3	13466.6	16521.0
47.5°	704.9	717.2	754.3	828.5	902.7	1063.5	1644.7	3215.2	9484.7	13899.4	17065.1
50°	667.8	692.5	742.0	816.2	915.1	1014.0	1619.9	3202.8	9769.2	14455.9	17584.5
52.5°	643.0	680.1	729.6	816.2	902.7	939.8	1607.6	3239.9	10338.0	15284.4	18326.5
55°	618.3	655.4	704.9	816.2	865.6	878.0	1545.8	3301.7	11203.6	16434.4	19377.6
57.5°	593.6	618.3	680.1	791.4	816.2	828.5	1422.1	3388.3	12069.2	17559.8	20453.4
60°	556.5	581.2	643.0	791.4	742.0	779.1	1261.3	3413.0	12687.5	17918.4	20552.3
62.5°	519.4	544.1	605.9	816.2	680.1	729.6	1125.3	3326.5	12811.2	17399.0	19995.9
65°	482.3	507.0	556.5	680.1	630.7	680.1	1038.7	3091.5	12403.1	16211.9	18981.9
67.5°	445.2	469.9	507.0	556.5	568.8	618.3	1001.6	2720.5	11376.7	14740.3	17596.9
70°	395.7	420.4	457.5	494.6	507.0	581.2	939.8	2361.9	9719.7	12774.1	15902.7
72.5°	358.6	371.0	408.1	432.8	457.5	531.7	902.7	2065.1	7432.0	10338.0	12972.0
75°	309.2	309.2	346.2	371.0	395.7	469.9	828.5	1718.9	5243.2	7889.5	9534.2
77.5°	259.7	259.7	284.4	309.2	333.9	408.1	704.9	1397.4	3635.6	6257.2	6912.6
80°	197.9	197.9	222.6	247.3	272.1	346.2	568.8	1026.4	2250.6	4575.4	5033.0
82.5°	136.0	136.0	173.1	185.5	197.9	272.1	432.8	704.9	1323.2	3301.7	3598.5
85°	74.2	74.2	98.9	111.3	136.0	197.9	321.5	494.6	791.4	2386.6	2399.0
87.5°	12.4	12.4	37.1	37.1	61.8	98.9	185.5	272.1	445.2	1323.2	840.9
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: P598628  
 CATALOG NUMBER: IFLD-S-SA6C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3	8829.3
2.5°	9657.9	9793.9	9806.3	9806.3	9744.4	9756.8	9583.7	9398.2	9336.3	9324.0
5°	10164.9	10523.5	10622.4	10671.9	10511.1	10263.8	9818.6	9336.3	9089.0	9051.9
7.5°	10065.9	10783.2	11166.5	11216.0	10894.5	10313.3	9534.2	8792.2	8507.8	8433.6
10°	9484.7	10449.3	11141.8	11314.9	10968.7	10226.7	9212.7	8347.1	8000.8	7939.0
12.5°	9076.7	10004.1	10684.2	10919.2	10758.4	10115.4	9051.9	8062.6	7716.4	7629.8
15°	8854.1	9707.3	10152.5	10226.7	10214.3	9942.3	9051.9	8124.5	7741.1	7642.2
17.5°	9039.6	9620.8	9682.6	9509.5	9608.4	9744.4	9249.8	8458.4	8087.4	8000.8
20°	9410.5	9583.7	9286.9	9027.2	9076.7	9509.5	9558.9	9089.0	8792.2	8643.9
22.5°	10189.6	9719.7	9039.6	8681.0	8718.0	9324.0	9967.0	9942.3	9682.6	9608.4
25°	10981.0	10103.0	8965.4	8544.9	8594.4	9286.9	10449.3	10894.5	10758.4	10721.3
27.5°	11859.0	10746.1	9014.8	8483.1	8544.9	9336.3	10783.2	11698.3	11723.0	11685.9
30°	12452.6	11055.2	9163.2	8557.3	8643.9	9460.0	10857.4	12180.5	12403.1	12415.5
32.5°	12947.2	11364.4	9472.4	8681.0	8829.3	9682.6	11055.2	12638.1	13132.7	13145.1
35°	13342.9	11710.6	9855.7	8903.5	9126.1	10053.6	11314.9	13070.9	13812.9	13899.4
37.5°	13849.9	12094.0	10300.9	9385.8	9633.1	10585.3	11772.5	13577.9	14616.6	14851.6
40°	14394.1	12477.3	10943.9	10164.9	10523.5	11376.7	12291.8	14146.7	15296.8	15618.3
42.5°	15000.0	12885.4	11673.5	11216.0	11760.1	12378.4	12885.4	14666.1	15816.1	16187.1
45°	15593.6	13380.0	12737.0	12650.4	13256.4	13565.5	13466.6	15037.1	16310.8	16681.8
47.5°	16014.0	14097.3	14023.1	14542.4	15111.3	14950.5	14146.7	15309.1	16718.9	17126.9
50°	16397.4	14987.6	15643.0	16657.0	17003.3	16459.2	14876.3	15680.1	17151.7	17609.2
52.5°	16966.2	15939.8	17312.4	18573.8	18907.7	18042.0	15667.8	16286.1	17819.4	18227.5
55°	18128.6	17015.7	19056.0	20502.9	20564.7	19488.9	16731.2	17312.4	18759.3	19229.2
57.5°	19427.0	18338.8	20441.0	22098.1	22073.4	20935.7	17930.7	18697.4	20033.0	20354.5
60°	20601.8	19674.3	21949.7	23235.8	23173.9	21986.8	19328.1	20267.9	21492.2	21739.5
62.5°	21294.3	20886.2	22617.5	23594.4	23359.4	22333.0	20515.2	21665.3	22530.9	22617.5
65°	21183.0	21578.7	21838.4	22444.3	22110.5	21368.5	21096.4	22555.6	22642.2	22555.6
67.5°	20342.1	21183.0	19699.1	19760.9	19587.8	18957.1	20193.7	22320.7	21727.1	21516.9
70°	19068.4	19130.2	16471.5	15692.5	15964.5	15098.9	17324.8	20490.5	19575.4	19315.7
72.5°	16953.8	16187.1	12452.6	11661.2	12069.2	11450.9	13899.4	17856.5	16966.2	16125.3
75°	14220.9	12823.6	9484.7	8359.4	8569.7	8544.9	10770.8	14752.7	13145.1	12304.2
77.5°	11018.1	9991.7	6999.2	6566.4	6343.8	6393.2	7518.5	10968.7	9534.2	8483.1
80°	8050.3	6986.8	5416.3	5663.6	5540.0	5243.2	5267.9	7345.4	6628.2	5997.5
82.5°	5564.7	4971.1	4389.9	4958.8	4662.0	4204.4	4105.5	5292.7	4971.1	4587.8
85°	3734.5	4093.2	3487.2	3796.4	3289.4	3029.7	3858.2	4427.0	3573.8	3190.4
87.5°	2436.1	3746.9	2510.3	1904.4	1088.2	1459.2	2361.9	2906.0	1669.4	902.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)