

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: P598802

Luminaire Tested: **IFLD-S-SA6C-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598802
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

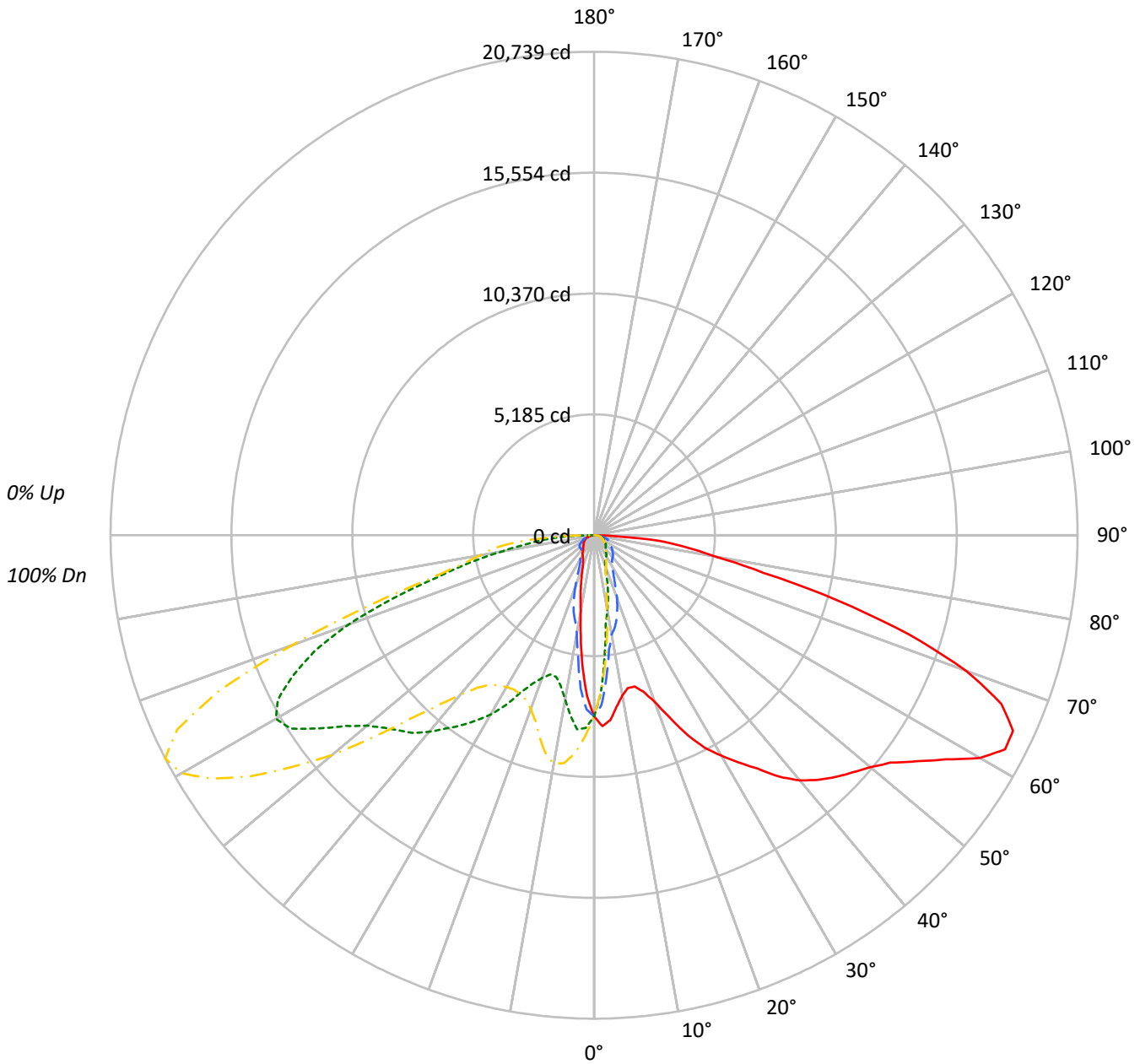
Lumens per Lamp: N/A
 Luminaire Lumens: 25980.7 lumens
 Efficiency: N/A
 Efficacy: 80.8 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 Input Voltage (V): 120
 Input Current (A_{in}): 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

TEST NUMBER: P598802
CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · · - 135°-315°

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 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

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°	55692	55692	55692	55692
5°	57314	37269	40715	60211
10°	50848	23682	23919	52036
15°	49904	16796	15908	46674
20°	58021	10625	10708	49720
25°	74617	9123	8865	58782
30°	90427	8647	8106	73584
35°	107028	7618	7332	87222
40°	128600	7229	6720	103044
45°	148806	7170	6508	120126
50°	172796	7281	6553	141854
55°	211463	7479	6663	180728
60°	274247	7487	7020	226044
65°	336643	7568	7198	241963
70°	356225	7981	7526	235582
75°	299862	8437	7533	192272
80°	217855	9881	7637	166199
85°	230899	14318	6266	172722

TEST NUMBER: P598802
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	600.6	2.3
10°-20°	1257.0	4.8
20°-30°	1811.5	7.0
30°-40°	2607.9	10.0
40°-50°	3704.3	14.3
50°-60°	5325.7	20.5
60°-70°	6152.9	23.7
70°-80°	3483.9	13.4
80°-90°	1036.8	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°	3669.2	14.1
0°-40°	6277.0	24.2
0°-60°	15307.0	58.9
0°-90°	25980.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25980.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7761	7761	7761	7761	7761	
5°	7957	5174	5652	8359	7957	722
15°	6717	2261	2141	6283	6717	1975
25°	9424	1152	1120	7424	9424	4374
35°	12218	870	837	9957	12218	7754
45°	14663	706	641	11837	14663	11354
55°	16902	598	533	14446	16902	15308
65°	19826	446	424	14250	19826	19012
75°	10815	304	272	6935	10815	11476
85°	2804	174	76	2098	2804	2793
90°	0	0	0	0	0	

TEST NUMBER: P598802
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9
2.5°	8195.7	8184.8	8119.6	7913.1	7695.7	7489.2	7293.5	7087.0	6978.3	6847.9	6793.5
5°	7956.6	7934.8	7750.0	7293.5	6891.3	6456.6	6087.0	5793.5	5554.4	5315.2	5228.3
7.5°	7413.1	7380.5	7163.1	6532.6	5945.7	5380.5	4934.8	4554.4	4239.2	4097.8	3934.8
10°	6978.3	6924.0	6641.3	5945.7	5184.8	4619.6	4326.1	4065.2	3793.5	3565.2	3326.1
12.5°	6706.6	6641.3	6347.9	5532.6	4793.5	4369.6	4065.2	3771.8	3434.8	3152.2	2891.3
15°	6717.4	6641.3	6282.6	5423.9	4695.7	4152.2	3728.3	3326.1	2934.8	2619.6	2326.1
17.5°	7032.6	6934.8	6554.4	5576.1	4619.6	3869.6	3304.4	2782.6	2337.0	2000.0	1760.9
20°	7597.9	7532.6	7097.9	5804.4	4543.5	3565.2	2869.6	2239.1	1771.7	1510.9	1413.1
22.5°	8445.7	8369.6	7902.2	6152.2	4521.8	3293.5	2402.2	1760.9	1423.9	1315.2	1260.9
25°	9424.0	9282.7	8847.9	6739.2	4565.2	3043.5	2021.7	1456.5	1271.7	1195.7	1163.0
27.5°	10271.8	10184.8	9695.7	7293.5	4587.0	2847.8	1760.9	1326.1	1184.8	1119.6	1097.8
30°	10913.1	10880.5	10402.2	7902.2	4532.6	2608.7	1597.8	1271.7	1184.8	1119.6	1054.4
32.5°	11554.4	11565.3	11054.4	8369.6	4456.5	2402.2	1445.7	1130.4	1043.5	1000.0	1010.9
35°	12217.5	12271.8	11837.0	8826.1	4293.5	2326.1	1337.0	1054.4	978.3	913.0	880.4
37.5°	13054.4	13195.7	12771.8	9337.0	4130.5	2260.9	1282.6	1000.0	923.9	869.6	826.1
40°	13728.3	13989.2	13739.2	9815.3	4021.8	2184.8	1239.1	945.7	891.3	826.1	793.5
42.5°	14228.3	14532.7	14445.7	10184.8	4021.8	2108.7	1195.7	913.0	869.6	793.5	750.0
45°	14663.1	14978.3	14967.5	10565.3	4108.7	2065.2	1141.3	913.0	847.8	771.7	728.3
47.5°	15054.4	15369.6	15478.3	11043.5	4250.0	2043.5	1076.1	891.3	847.8	760.9	695.7
50°	15478.3	15826.2	16152.3	11804.4	4423.9	1989.1	1032.6	858.7	858.7	750.0	673.9
52.5°	16021.8	16413.1	17011.0	12750.1	4597.9	1891.3	967.4	837.0	858.7	739.1	652.2
55°	16902.3	17228.4	18011.0	13880.5	4815.2	1771.7	913.0	782.6	815.2	706.5	619.6
57.5°	17891.4	18174.0	18826.2	14750.1	4880.5	1619.6	837.0	728.3	782.6	673.9	576.1
60°	19108.8	19250.1	19250.1	15000.1	4663.1	1478.3	782.6	684.8	706.5	641.3	543.5
62.5°	19880.5	19880.5	19250.1	14543.6	4250.0	1358.7	739.1	641.3	619.6	597.8	510.9
65°	19826.2	19739.2	18804.4	13217.5	3771.8	1282.6	695.7	587.0	554.4	543.5	478.3
67.5°	18913.1	18761.0	17489.2	11347.9	3271.8	1250.0	652.2	532.6	510.9	489.1	434.8
70°	16978.4	16587.0	15021.8	9130.5	2782.6	1228.3	641.3	489.1	467.4	445.7	402.2
72.5°	14174.0	13674.0	11728.3	7021.8	2337.0	1152.2	608.7	434.8	423.9	402.2	358.7
75°	10815.3	9891.4	8184.8	5369.6	1815.2	1000.0	521.7	380.4	380.4	369.6	326.1
77.5°	7456.6	6978.3	5706.6	3967.4	1326.1	771.7	423.9	337.0	337.0	347.8	304.3
80°	5271.8	4826.1	4065.2	2847.8	837.0	521.7	326.1	282.6	315.2	337.0	282.6
82.5°	4032.6	3706.5	3021.8	2076.1	489.1	358.7	250.0	228.3	271.7	293.5	239.1
85°	2804.4	2413.1	1532.6	1391.3	282.6	217.4	184.8	184.8	239.1	293.5	217.4
87.5°	793.5	337.0	97.8	413.0	119.6	87.0	65.2	43.5	65.2	65.2	43.5
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: P598802
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9
2.5°	6739.2	6673.9	6673.9	6652.2	6663.1	6673.9	6663.1	6739.2	6771.8	6815.3	6902.2
5°	5173.9	5260.9	5195.7	5260.9	5347.9	5478.3	5510.9	5608.7	5619.6	5695.7	5652.2
7.5°	3837.0	3826.1	3771.8	3847.8	4087.0	4271.8	4358.7	4413.1	4423.9	4423.9	4369.6
10°	3250.0	3152.2	3054.4	3000.0	3021.8	3217.4	3282.6	3315.2	3293.5	3326.1	3282.6
12.5°	2782.6	2695.7	2554.4	2456.5	2391.3	2445.7	2510.9	2543.5	2565.2	2619.6	2663.1
15°	2260.9	2173.9	2087.0	2032.6	1978.3	1934.8	1989.1	2021.7	2076.1	2119.6	2141.3
17.5°	1717.4	1673.9	1630.4	1663.1	1663.1	1641.3	1663.1	1673.9	1695.7	1728.3	1717.4
20°	1391.3	1380.4	1369.6	1423.9	1467.4	1467.4	1489.1	1456.5	1445.7	1413.1	1402.2
22.5°	1239.1	1239.1	1250.0	1293.5	1337.0	1358.7	1358.7	1304.4	1250.0	1228.3	1239.1
25°	1152.2	1152.2	1184.8	1195.7	1217.4	1217.4	1228.3	1173.9	1141.3	1108.7	1119.6
27.5°	1087.0	1087.0	1097.8	1097.8	1108.7	1108.7	1119.6	1097.8	1054.4	1043.5	1043.5
30°	1043.5	1043.5	1032.6	1032.6	1032.6	1032.6	1043.5	1010.9	989.1	978.3	978.3
32.5°	1000.0	989.1	978.3	978.3	967.4	967.4	978.3	945.7	934.8	934.8	934.8
35°	869.6	858.7	869.6	891.3	891.3	902.2	902.2	891.3	869.6	847.8	837.0
37.5°	815.2	804.4	804.4	804.4	826.1	837.0	847.8	826.1	793.5	760.9	760.9
40°	771.7	771.7	760.9	760.9	760.9	782.6	804.4	771.7	728.3	717.4	717.4
42.5°	739.1	728.3	717.4	706.5	695.7	728.3	750.0	706.5	684.8	684.8	684.8
45°	706.5	695.7	684.8	673.9	663.0	673.9	695.7	652.2	641.3	641.3	641.3
47.5°	673.9	663.0	641.3	630.4	619.6	619.6	641.3	608.7	597.8	608.7	608.7
50°	652.2	630.4	608.7	597.8	587.0	587.0	587.0	576.1	576.1	576.1	587.0
52.5°	630.4	608.7	576.1	565.2	554.4	554.4	554.4	554.4	543.5	554.4	565.2
55°	597.8	576.1	554.4	543.5	532.6	521.7	532.6	521.7	521.7	532.6	532.6
57.5°	554.4	532.6	510.9	510.9	500.0	500.0	510.9	500.0	500.0	510.9	510.9
60°	521.7	500.0	478.3	478.3	467.4	478.3	489.1	478.3	478.3	478.3	489.1
62.5°	478.3	467.4	445.7	445.7	445.7	445.7	456.5	445.7	456.5	456.5	456.5
65°	445.7	423.9	413.0	413.0	413.0	413.0	434.8	413.0	423.9	423.9	423.9
67.5°	413.0	391.3	380.4	380.4	380.4	380.4	402.2	380.4	391.3	402.2	391.3
70°	380.4	358.7	347.8	347.8	347.8	347.8	358.7	347.8	347.8	358.7	358.7
72.5°	337.0	326.1	315.2	315.2	304.3	315.2	326.1	315.2	315.2	315.2	315.2
75°	304.3	293.5	293.5	282.6	282.6	282.6	293.5	271.7	271.7	271.7	271.7
77.5°	282.6	260.9	260.9	260.9	250.0	260.9	250.0	228.3	228.3	228.3	228.3
80°	239.1	217.4	228.3	228.3	217.4	217.4	206.5	184.8	184.8	184.8	184.8
82.5°	195.7	173.9	184.8	184.8	184.8	184.8	163.0	152.2	141.3	130.4	130.4
85°	173.9	141.3	163.0	163.0	152.2	152.2	108.7	108.7	87.0	87.0	76.1
87.5°	32.6	21.7	43.5	54.3	54.3	65.2	43.5	54.3	32.6	21.7	21.7
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: P598802
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9
2.5°	6891.3	7010.9	7174.0	7293.5	7478.3	7619.6	7837.0	8021.8	8195.7	8271.8	8347.9
5°	5782.6	5858.7	6108.7	6304.4	6597.9	6913.1	7304.4	7728.3	8163.1	8358.7	8587.0
7.5°	4326.1	4467.4	4608.7	4891.3	5250.0	5760.9	6260.9	6891.3	7500.0	7793.5	8184.8
10°	3358.7	3467.4	3630.5	3923.9	4260.9	4684.8	5282.6	6032.6	6760.9	7141.3	7543.5
12.5°	2695.7	2847.8	3065.2	3369.6	3760.9	4195.7	4630.5	5326.1	6173.9	6608.7	7065.3
15°	2184.8	2304.4	2543.5	2923.9	3380.5	3826.1	4282.6	4858.7	5782.6	6282.6	6826.1
17.5°	1739.1	1826.1	2043.5	2423.9	2880.5	3380.5	3902.2	4630.5	5652.2	6260.9	6902.2
20°	1413.1	1478.3	1619.6	1902.2	2337.0	2880.5	3532.6	4413.1	5728.3	6510.9	7293.5
22.5°	1239.1	1260.9	1326.1	1478.3	1837.0	2413.1	3195.7	4228.3	5869.6	6880.5	7934.8
25°	1119.6	1141.3	1163.0	1260.9	1467.4	2010.9	2902.2	4119.6	6173.9	7424.0	8674.0
27.5°	1043.5	1065.2	1076.1	1119.6	1260.9	1717.4	2652.2	4054.4	6587.0	8217.4	9587.0
30°	978.3	978.3	1010.9	1076.1	1173.9	1510.9	2434.8	3902.2	7021.8	8880.5	10304.4
32.5°	923.9	934.8	978.3	1010.9	1076.1	1337.0	2217.4	3706.5	7413.1	9424.0	11010.9
35°	826.1	826.1	837.0	891.3	978.3	1195.7	2021.7	3510.9	7630.5	9956.6	11641.4
37.5°	760.9	771.7	793.5	837.0	913.0	1097.8	1858.7	3293.5	7858.7	10456.6	12380.5
40°	717.4	728.3	750.0	793.5	869.6	1010.9	1717.4	3119.6	8097.9	11000.1	13174.0
42.5°	684.8	695.7	717.4	760.9	826.1	989.1	1565.2	2978.3	8239.2	11500.1	13924.0
45°	652.2	663.0	695.7	739.1	793.5	967.4	1478.3	2880.5	8293.5	11837.0	14521.8
47.5°	619.6	630.4	663.0	728.3	793.5	934.8	1445.7	2826.1	8337.0	12217.5	15000.1
50°	587.0	608.7	652.2	717.4	804.4	891.3	1423.9	2815.2	8587.0	12706.6	15456.6
52.5°	565.2	597.8	641.3	717.4	793.5	826.1	1413.1	2847.8	9087.0	13434.9	16108.8
55°	543.5	576.1	619.6	717.4	760.9	771.7	1358.7	2902.2	9847.9	14445.7	17032.7
57.5°	521.7	543.5	597.8	695.7	717.4	728.3	1250.0	2978.3	10608.8	15434.9	17978.4
60°	489.1	510.9	565.2	695.7	652.2	684.8	1108.7	3000.0	11152.2	15750.1	18065.3
62.5°	456.5	478.3	532.6	717.4	597.8	641.3	989.1	2923.9	11260.9	15293.6	17576.2
65°	423.9	445.7	489.1	597.8	554.4	597.8	913.0	2717.4	10902.2	14250.1	16684.9
67.5°	391.3	413.0	445.7	489.1	500.0	543.5	880.4	2391.3	10000.1	12956.6	15467.5
70°	347.8	369.6	402.2	434.8	445.7	510.9	826.1	2076.1	8543.5	11228.3	13978.3
72.5°	315.2	326.1	358.7	380.4	402.2	467.4	793.5	1815.2	6532.6	9087.0	11402.2
75°	271.7	271.7	304.3	326.1	347.8	413.0	728.3	1510.9	4608.7	6934.8	8380.5
77.5°	228.3	228.3	250.0	271.7	293.5	358.7	619.6	1228.3	3195.7	5500.0	6076.1
80°	173.9	173.9	195.7	217.4	239.1	304.3	500.0	902.2	1978.3	4021.8	4423.9
82.5°	119.6	119.6	152.2	163.0	173.9	239.1	380.4	619.6	1163.0	2902.2	3163.1
85°	65.2	65.2	87.0	97.8	119.6	173.9	282.6	434.8	695.7	2097.8	2108.7
87.5°	10.9	10.9	32.6	32.6	54.3	87.0	163.0	239.1	391.3	1163.0	739.1
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: P598802
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9	7760.9
2.5°	8489.2	8608.7	8619.6	8619.6	8565.3	8576.1	8424.0	8260.9	8206.6	8195.7
5°	8934.8	9250.0	9337.0	9380.5	9239.2	9021.8	8630.5	8206.6	7989.2	7956.6
7.5°	8847.9	9478.3	9815.3	9858.7	9576.1	9065.3	8380.5	7728.3	7478.3	7413.1
10°	8337.0	9184.8	9793.5	9945.7	9641.4	8989.2	8097.9	7337.0	7032.6	6978.3
12.5°	7978.3	8793.5	9391.4	9597.9	9456.6	8891.4	7956.6	7087.0	6782.6	6706.6
15°	7782.7	8532.7	8924.0	8989.2	8978.3	8739.2	7956.6	7141.3	6804.4	6717.4
17.5°	7945.7	8456.6	8510.9	8358.7	8445.7	8565.3	8130.5	7434.8	7108.7	7032.6
20°	8271.8	8424.0	8163.1	7934.8	7978.3	8358.7	8402.2	7989.2	7728.3	7597.9
22.5°	8956.6	8543.5	7945.7	7630.5	7663.1	8195.7	8760.9	8739.2	8510.9	8445.7
25°	9652.2	8880.5	7880.5	7510.9	7554.4	8163.1	9184.8	9576.1	9456.6	9424.0
27.5°	10424.0	9445.7	7924.0	7456.6	7510.9	8206.6	9478.3	10282.7	10304.4	10271.8
30°	10945.7	9717.4	8054.4	7521.8	7597.9	8315.3	9543.5	10706.6	10902.2	10913.1
32.5°	11380.5	9989.2	8326.1	7630.5	7760.9	8510.9	9717.4	11108.8	11543.5	11554.4
35°	11728.3	10293.5	8663.1	7826.1	8021.8	8837.0	9945.7	11489.2	12141.4	12217.5
37.5°	12174.0	10630.5	9054.4	8250.0	8467.4	9304.4	10347.9	11934.8	12847.9	13054.4
40°	12652.2	10967.4	9619.6	8934.8	9250.0	10000.1	10804.4	12434.8	13445.7	13728.3
42.5°	13184.9	11326.1	10260.9	9858.7	10337.0	10880.5	11326.1	12891.4	13902.2	14228.3
45°	13706.6	11760.9	11195.7	11119.6	11652.2	11924.0	11837.0	13217.5	14337.0	14663.1
47.5°	14076.2	12391.4	12326.2	12782.7	13282.7	13141.4	12434.8	13456.6	14695.7	15054.4
50°	14413.1	13174.0	13750.1	14641.4	14945.7	14467.5	13076.2	13782.7	15076.2	15478.3
52.5°	14913.1	14010.9	15217.5	16326.2	16619.7	15858.8	13771.8	14315.3	15663.1	16021.8
55°	15934.9	14956.6	16750.1	18021.8	18076.2	17130.5	14706.6	15217.5	16489.2	16902.3
57.5°	17076.2	16119.7	17967.5	19424.0	19402.3	18402.3	15761.0	16434.9	17608.8	17891.4
60°	18108.8	17293.6	19293.6	20424.0	20369.7	19326.2	16989.2	17815.3	18891.4	19108.8
62.5°	18717.5	18358.8	19880.5	20739.2	20532.7	19630.5	18032.7	19043.6	19804.5	19880.5
65°	18619.7	18967.5	19195.8	19728.4	19434.9	18782.7	18543.6	19826.2	19902.3	19826.2
67.5°	17880.5	18619.7	17315.3	17369.7	17217.5	16663.1	17750.1	19619.7	19097.9	18913.1
70°	16761.0	16815.3	14478.3	13793.6	14032.7	13271.8	15228.3	18011.0	17206.6	16978.4
72.5°	14902.3	14228.3	10945.7	10250.1	10608.8	10065.3	12217.5	15695.7	14913.1	14174.0
75°	12500.1	11271.8	8337.0	7347.9	7532.6	7510.9	9467.4	12967.5	11554.4	10815.3
77.5°	9684.8	8782.7	6152.2	5771.8	5576.1	5619.6	6608.7	9641.4	8380.5	7456.6
80°	7076.1	6141.3	4760.9	4978.3	4869.6	4608.7	4630.5	6456.6	5826.1	5271.8
82.5°	4891.3	4369.6	3858.7	4358.7	4097.8	3695.7	3608.7	4652.2	4369.6	4032.6
85°	3282.6	3597.8	3065.2	3337.0	2891.3	2663.1	3391.3	3891.3	3141.3	2804.4
87.5°	2141.3	3293.5	2206.5	1673.9	956.5	1282.6	2076.1	2554.4	1467.4	793.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)