

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: P599324

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

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599324
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-827-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

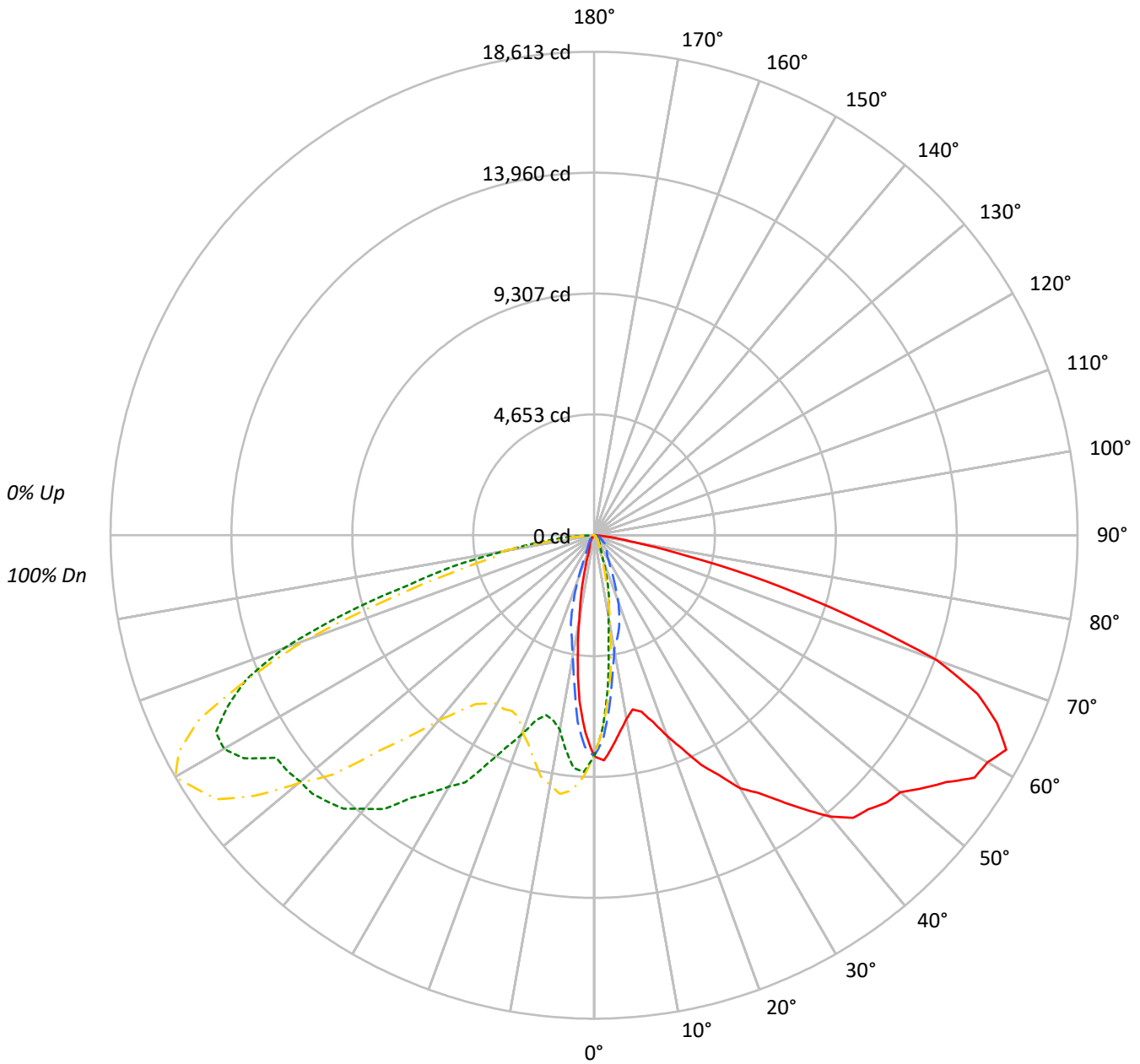
Lumens per Lamp: N/A
 Luminaire Lumens: 22249.3 lumens
 Efficiency: N/A
 Efficacy: 69.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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

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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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	82	82	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	64	64	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	51	51	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	42	42	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	35	35	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	30	30	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	26	26	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	23	23	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	20	20	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	61038	61038	61038	61038
5°	58765	42950	46234	64770
10°	52320	23384	23690	55379
15°	52228	15597	9537	53209
20°	62710	7787	3802	62344
25°	77132	4892	2945	76752
30°	93195	3927	2236	92598
35°	109353	3153	1735	108249
40°	132387	2697	1124	128734
45°	151457	2435	609	147256
50°	171834	2343	134	164803
55°	207278	2252	0	186866
60°	250951	1894	0	236058
65°	290586	1528	0	264104
70°	294249	1259	0	266308
75°	190429	832	0	204233
80°	64946	248	0	144516
85°	32596	0	0	106187

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	644.3	2.9
10°-20°	1247.6	5.6
20°-30°	1737.7	7.8
30°-40°	2469.0	11.1
40°-50°	3423.9	15.4
50°-60°	4665.2	21.0
60°-70°	5129.0	23.1
70°-80°	2520.9	11.3
80°-90°	411.7	1.9
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°	3629.7	16.3
0°-40°	6098.7	27.4
0°-60°	14187.7	63.8
0°-90°	22249.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22249.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8506	8506	8506	8506	8506	
5°	8158	5962	6418	8992	8158	747
15°	7030	2100	1284	7162	7030	2081
25°	9742	618	372	9694	9742	4529
35°	12483	360	198	12357	12483	7924
45°	14924	240	60	14510	14924	11569
55°	16568	180	0	14936	16568	14904
65°	17114	90	0	15554	17114	16538
75°	6868	30	0	7366	6868	7488
85°	396	0	0	1290	396	548
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°	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9
2.5°	8679.8	8781.8	8685.8	8349.9	8289.9	8128.0	7882.0	7864.0	7606.1	7636.1	7498.1
5°	8158.0	8259.9	8056.0	7612.1	7198.2	6868.3	6670.3	6316.4	6238.4	6064.5	6064.5
7.5°	7624.1	7618.1	7270.2	6898.3	6280.4	5674.6	5398.6	4888.8	4588.9	4426.9	4270.9
10°	7180.2	7084.2	6868.3	6100.5	5428.6	4798.8	4456.9	4121.0	3809.0	3539.1	3269.2
12.5°	6868.3	6928.3	6586.3	5752.6	4882.8	4444.9	4079.0	3725.1	3353.2	3047.2	2747.3
15°	7030.2	6934.3	6532.4	5674.6	4792.8	4192.9	3707.1	3275.2	2861.3	2459.4	2231.4
17.5°	7534.1	7288.2	6814.3	5674.6	4606.8	3809.0	3221.2	2711.3	2267.4	1907.5	1625.6
20°	8211.9	7930.0	7420.1	5884.5	4468.9	3527.1	2723.3	2081.5	1619.6	1283.7	1067.7
22.5°	8907.8	8685.8	7918.0	5968.5	4306.9	3149.2	2147.5	1505.6	1079.7	863.8	755.8
25°	9741.6	9429.6	8589.8	6304.4	4067.0	2783.3	1691.6	1049.7	803.8	689.8	623.8
27.5°	10407.4	10353.4	9219.7	6508.4	3887.0	2483.4	1337.7	833.8	665.8	581.9	539.9
30°	11247.2	10953.3	9987.5	6916.3	3683.1	2141.5	1115.7	749.8	611.8	521.9	491.9
32.5°	11751.1	11613.1	10389.4	7144.2	3455.1	1859.5	959.8	659.8	557.9	491.9	461.9
35°	12482.9	12206.9	10965.3	7288.2	3335.2	1697.6	863.8	599.8	467.9	401.9	365.9
37.5°	13298.7	13196.7	11655.1	7282.2	3161.2	1601.6	797.8	557.9	443.9	371.9	329.9
40°	14132.5	13718.6	12075.0	7450.1	3071.2	1529.6	749.8	533.9	419.9	353.9	299.9
42.5°	14756.3	14282.4	12560.9	7390.1	2963.3	1403.6	731.8	497.9	401.9	323.9	275.9
45°	14924.3	14756.3	12998.7	7372.2	2885.3	1301.7	701.8	491.9	389.9	305.9	257.9
47.5°	15248.2	15134.2	13538.6	7402.1	2825.3	1223.7	629.8	503.9	371.9	287.9	245.9
50°	15392.1	15188.2	13976.5	7474.1	2687.3	1127.7	563.9	527.9	365.9	281.9	233.9
52.5°	15986.0	15806.0	14576.3	7678.1	2573.4	1001.7	497.9	503.9	377.9	263.9	221.9
55°	16567.8	16363.9	15500.1	8146.0	2411.4	899.8	425.9	443.9	359.9	239.9	198.0
57.5°	17365.6	17029.7	16118.0	8337.9	2267.4	761.8	377.9	365.9	335.9	215.9	174.0
60°	17485.6	17623.6	16028.0	8217.9	2117.5	671.8	329.9	281.9	359.9	192.0	150.0
62.5°	17887.5	17311.7	15608.1	7942.0	2009.5	617.8	293.9	233.9	311.9	168.0	126.0
65°	17113.7	16687.8	14624.3	7054.2	1871.5	623.8	257.9	192.0	198.0	138.0	102.0
67.5°	15980.0	15644.1	12992.7	6088.5	1733.6	611.8	227.9	168.0	150.0	120.0	90.0
70°	14024.5	13298.7	11037.2	4942.8	1529.6	569.9	192.0	150.0	126.0	96.0	66.0
72.5°	10203.4	9909.5	7918.0	3821.0	1373.7	515.9	180.0	126.0	108.0	72.0	54.0
75°	6868.3	6382.4	4996.7	2507.4	1103.7	449.9	150.0	114.0	84.0	54.0	42.0
77.5°	3629.1	3431.1	2831.3	1193.7	611.8	209.9	84.0	66.0	48.0	42.0	24.0
80°	1571.6	1397.6	1223.7	485.9	215.9	96.0	54.0	36.0	30.0	24.0	12.0
82.5°	803.8	767.8	635.8	209.9	126.0	72.0	30.0	24.0	18.0	12.0	6.0
85°	395.9	407.9	335.9	66.0	72.0	42.0	6.0	6.0	0.0	0.0	0.0
87.5°	30.0	30.0	24.0	12.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0
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°	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9
2.5°	7444.1	7528.1	7384.1	7474.1	7432.1	7450.1	7468.1	7420.1	7432.1	7600.1	7606.1
5°	5962.5	6124.5	6064.5	6148.5	6292.4	6220.4	6286.4	6274.4	6286.4	6310.4	6418.4
7.5°	4252.9	4204.9	4318.9	4540.9	4798.8	4954.8	4876.8	4834.8	4810.8	4750.8	4822.8
10°	3209.2	3185.2	3155.2	3221.2	3389.2	3563.1	3659.1	3497.1	3407.1	3293.2	3251.2
12.5°	2663.3	2513.4	2429.4	2327.4	2375.4	2531.4	2537.4	2381.4	2237.4	2177.5	2243.4
15°	2099.5	1997.5	1847.5	1703.6	1631.6	1751.6	1649.6	1499.6	1313.7	1289.7	1283.7
17.5°	1499.6	1439.6	1331.7	1271.7	1187.7	1157.7	1049.7	821.8	689.8	653.8	665.8
20°	1019.7	971.8	965.8	911.8	875.8	851.8	677.8	527.9	485.9	491.9	497.9
22.5°	755.8	731.8	701.8	695.8	665.8	635.8	497.9	443.9	413.9	413.9	431.9
25°	617.8	605.8	575.9	563.9	551.9	509.9	419.9	377.9	365.9	353.9	371.9
27.5°	527.9	521.9	503.9	485.9	473.9	431.9	365.9	329.9	317.9	317.9	317.9
30°	473.9	473.9	449.9	413.9	413.9	365.9	311.9	287.9	275.9	275.9	269.9
32.5°	443.9	431.9	401.9	377.9	359.9	311.9	275.9	251.9	233.9	233.9	239.9
35°	359.9	359.9	353.9	335.9	311.9	263.9	233.9	209.9	198.0	192.0	198.0
37.5°	317.9	299.9	275.9	281.9	269.9	227.9	198.0	180.0	162.0	162.0	162.0
40°	287.9	269.9	245.9	227.9	221.9	203.9	174.0	144.0	126.0	120.0	120.0
42.5°	257.9	245.9	209.9	180.0	174.0	174.0	132.0	108.0	90.0	90.0	90.0
45°	239.9	221.9	192.0	156.0	126.0	132.0	108.0	78.0	66.0	60.0	60.0
47.5°	227.9	209.9	168.0	132.0	96.0	96.0	78.0	54.0	42.0	36.0	36.0
50°	209.9	192.0	150.0	108.0	72.0	60.0	48.0	30.0	18.0	12.0	12.0
52.5°	198.0	180.0	132.0	90.0	60.0	42.0	30.0	6.0	0.0	0.0	0.0
55°	180.0	156.0	114.0	72.0	48.0	24.0	6.0	0.0	0.0	0.0	0.0
57.5°	156.0	138.0	90.0	54.0	30.0	6.0	0.0	0.0	0.0	0.0	0.0
60°	132.0	114.0	72.0	42.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	108.0	96.0	54.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	90.0	72.0	42.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	78.0	60.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	60.0	42.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	42.0	30.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	30.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9
2.5°	7630.1	7810.0	7978.0	8026.0	8158.0	8523.9	8523.9	8697.8	9009.7	9123.7	9147.7
5°	6436.4	6628.3	6664.3	7036.2	7210.2	7582.1	7828.0	8415.9	8769.8	8991.7	9129.7
7.5°	4894.8	4960.8	5098.7	5446.6	5788.5	6238.4	6706.3	7456.1	8080.0	8331.9	8799.8
10°	3365.2	3563.1	3863.0	4175.0	4708.8	5206.7	5812.5	6520.4	7288.2	7600.1	8002.0
12.5°	2267.4	2543.4	3023.2	3467.1	3959.0	4462.9	5038.7	5986.5	6856.3	7288.2	7690.1
15°	1325.7	1661.6	2075.5	2795.3	3449.1	4013.0	4588.9	5548.6	6604.3	7162.2	7654.1
17.5°	671.8	773.8	1115.7	1739.6	2603.3	3527.1	4384.9	5608.6	6796.3	7480.1	7888.0
20°	503.9	533.9	629.8	923.8	1781.6	2915.3	4192.9	5698.6	7330.2	8164.0	8385.9
22.5°	437.9	461.9	503.9	599.8	1001.7	2231.4	3923.0	5920.5	8056.0	8841.8	9309.7
25°	371.9	395.9	431.9	491.9	641.8	1517.6	3593.1	6154.5	8703.8	9693.6	10131.5
27.5°	323.9	341.9	377.9	425.9	521.9	965.8	3023.2	6466.4	9693.6	10725.3	10839.3
30°	275.9	293.9	323.9	377.9	443.9	683.8	2219.4	6508.4	10239.4	11175.2	11493.1
32.5°	239.9	245.9	281.9	329.9	371.9	539.9	1559.6	6550.4	10641.3	11757.1	11823.0
35°	198.0	209.9	245.9	275.9	323.9	425.9	1181.7	6340.4	11163.2	12356.9	12338.9
37.5°	162.0	180.0	203.9	227.9	263.9	359.9	941.8	5950.5	11817.0	13286.7	12722.8
40°	126.0	144.0	168.0	198.0	221.9	323.9	707.8	5362.7	12500.9	13742.6	13142.7
42.5°	90.0	102.0	126.0	156.0	198.0	269.9	509.9	4666.8	12770.8	14276.4	13646.6
45°	66.0	78.0	96.0	132.0	203.9	215.9	353.9	4031.0	13058.7	14510.4	13532.6
47.5°	36.0	48.0	72.0	114.0	180.0	162.0	251.9	3461.1	13388.6	14720.3	13622.6
50°	12.0	18.0	42.0	120.0	144.0	126.0	198.0	3155.2	13712.6	14762.3	13802.5
52.5°	0.0	0.0	24.0	126.0	108.0	96.0	174.0	3035.2	13628.6	14894.3	13688.6
55°	0.0	0.0	6.0	54.0	60.0	72.0	144.0	3029.2	14222.4	14936.3	14312.4
57.5°	0.0	0.0	0.0	18.0	36.0	60.0	126.0	2837.3	14600.3	15980.0	15152.2
60°	0.0	0.0	0.0	6.0	24.0	42.0	96.0	2669.3	14984.2	16447.9	16052.0
62.5°	0.0	0.0	0.0	0.0	6.0	18.0	66.0	2411.4	14210.4	16411.9	16921.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	42.0	1907.5	12782.8	15554.1	16441.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1319.7	11193.2	14474.4	15560.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	797.8	9033.7	12692.8	13196.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	341.9	6448.4	10077.5	10827.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.0	3989.0	7366.2	8289.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	2585.4	5578.6	6292.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	1379.7	3497.1	4067.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	599.8	2123.5	2447.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0	1289.7	1469.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198.0	263.9
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: P599324
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9	8505.9
2.5°	9159.7	9333.7	9399.6	9297.7	9309.7	9099.7	9069.7	8775.8	8655.8	8679.8
5°	9579.6	9831.5	9969.5	9855.5	9597.6	9195.7	8829.8	8481.9	8265.9	8158.0
7.5°	9483.6	9765.6	9939.5	10047.5	9753.6	9105.7	8547.9	7894.0	7618.1	7624.1
10°	8955.8	9543.6	9897.5	9759.6	9621.6	8973.8	8110.0	7402.1	7156.2	7180.2
12.5°	8529.9	9183.7	9393.6	9501.6	9219.7	8703.8	8122.0	7312.2	7036.2	6868.3
15°	8265.9	8751.8	8763.8	8931.8	8817.8	8817.8	8247.9	7456.1	7216.2	7030.2
17.5°	8265.9	8373.9	8361.9	8421.9	8613.8	8841.8	8565.9	8038.0	7564.1	7534.1
20°	8451.9	8116.0	8038.0	8062.0	8223.9	8901.8	9267.7	8607.8	8307.9	8211.9
22.5°	8883.8	8146.0	7672.1	7588.1	8086.0	8895.8	9717.6	9507.6	8985.7	8907.8
25°	9477.6	8092.0	7576.1	7468.1	7846.0	9111.7	10335.4	10377.4	9903.5	9741.6
27.5°	10041.5	8331.9	7564.1	7540.1	8038.0	9063.7	10761.3	11073.2	10539.4	10407.4
30°	10233.4	8571.9	7786.0	7468.1	8110.0	9237.7	10749.3	11565.1	11217.2	11247.2
32.5°	10461.4	8811.8	7810.0	7684.1	8415.9	9519.6	11091.2	12356.9	12105.0	11751.1
35°	10797.3	9135.7	8038.0	7924.0	8631.8	9771.6	11163.2	12938.8	12896.8	12482.9
37.5°	11085.2	9453.6	8511.9	8529.9	9291.7	10179.4	11481.1	13652.6	13580.6	13298.7
40°	11289.2	9897.5	9249.7	9297.7	9867.5	10635.3	12045.0	14012.5	14546.4	14132.5
42.5°	11319.2	10293.4	10095.5	10479.4	11013.2	11343.2	12272.9	14258.4	15026.2	14756.3
45°	11433.1	10923.3	11475.1	11757.1	12194.9	11967.0	12260.9	14678.3	15062.2	14924.3
47.5°	11877.0	12069.0	12764.8	13622.6	13778.5	13028.7	12548.9	14744.3	15266.2	15248.2
50°	12338.9	13298.7	14276.4	14846.3	15044.2	13760.6	12818.8	14690.3	15536.1	15392.1
52.5°	12854.8	14366.4	15776.0	16477.9	16369.9	14570.3	13124.7	15128.2	16034.0	15986.0
55°	13178.7	14846.3	16741.8	17719.6	17635.6	15476.1	14096.5	15758.1	16687.8	16567.8
57.5°	14036.5	15626.1	17701.6	18157.5	18379.4	16663.8	14774.3	16789.8	17233.7	17365.6
60°	14744.3	16136.0	17953.5	18613.3	18691.3	17371.6	15962.0	17851.5	17929.5	17485.6
62.5°	15782.0	16333.9	17419.6	18013.5	18415.4	17773.5	17029.7	18421.4	17917.5	17887.5
65°	16543.9	15686.1	16423.9	16753.8	17011.7	17161.7	18103.5	18811.3	17695.6	17113.7
67.5°	16118.0	14462.4	14324.4	14342.4	14420.4	15326.2	17743.6	17857.5	16459.9	15980.0
70°	14186.4	11865.0	11679.1	11823.0	11433.1	12524.9	16285.9	16231.9	14522.4	14024.5
72.5°	11475.1	8649.8	8331.9	8529.9	8619.8	9777.5	13700.6	12308.9	10593.3	10203.4
75°	9117.7	6340.4	5350.7	5830.5	6136.5	7120.2	10701.3	8361.9	7396.1	6868.3
77.5°	7162.2	4798.8	4163.0	3971.0	4252.9	5176.7	7786.0	4390.9	3875.0	3629.1
80°	4540.9	3527.1	3827.0	3551.1	3671.1	3695.1	4055.0	1997.5	1589.6	1571.6
82.5°	2735.3	2411.4	2867.3	1577.6	2873.3	2567.4	1685.6	905.8	803.8	803.8
85°	1937.5	1493.6	989.8	641.8	1277.7	1409.6	653.8	467.9	407.9	395.9
87.5°	971.8	461.9	221.9	144.0	162.0	263.9	78.0	36.0	36.0	30.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)