

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: P599140

Luminaire Tested: **IFLD-S-SA2C-727-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: P599140
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

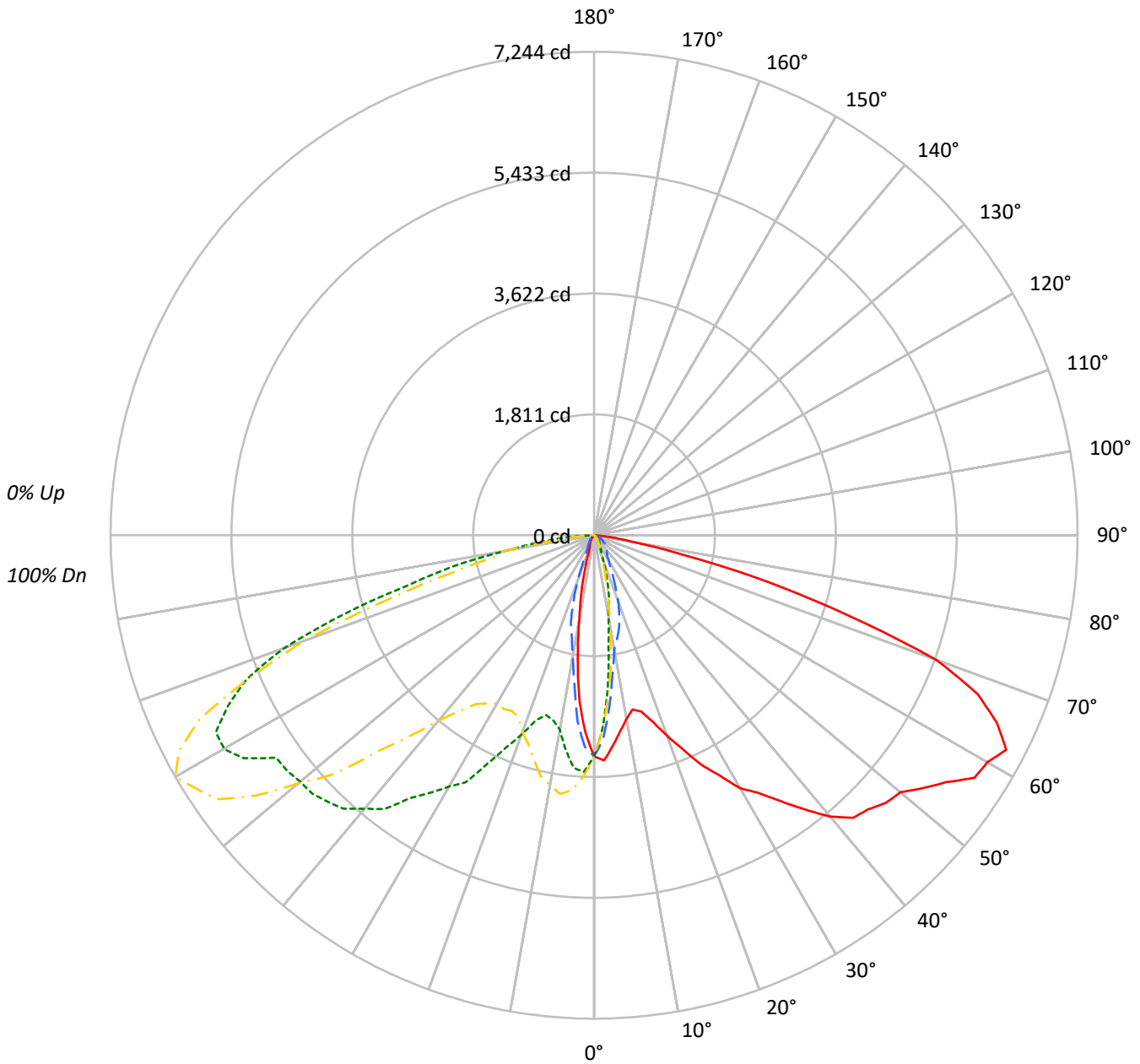
Lumens per Lamp: N/A
 Luminaire Lumens: 8658.4 lumens
 Efficiency: N/A
 Efficacy: 80.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	71259	71259	71259	71259
5°	68605	50142	53978	75618
10°	61081	27301	27657	64653
15°	60976	18209	11135	62119
20°	73212	9090	4440	72786
25°	90049	5710	3437	89605
30°	108802	4584	2610	108106
35°	127666	3682	2024	126378
40°	154556	3147	1312	150293
45°	176821	2844	709	171917
50°	200610	2736	157	192401
55°	241992	2627	0	218158
60°	292977	2213	0	275591
65°	339250	1783	0	308335
70°	343525	1467	0	310908
75°	222316	973	0	238436
80°	75822	285	0	168716
85°	38063	0	0	123971

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.7	2.9
10°-20°	485.5	5.6
20°-30°	676.2	7.8
30°-40°	960.8	11.1
40°-50°	1332.4	15.4
50°-60°	1815.5	21.0
60°-70°	1996.0	23.1
70°-80°	981.0	11.3
80°-90°	160.2	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°	1412.5	16.3
0°-40°	2373.3	27.4
0°-60°	5521.2	63.8
0°-90°	8658.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8658.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3310	3310	3310	3310	3310	
5°	3175	2320	2498	3499	3175	291
15°	2736	817	500	2787	2736	810
25°	3791	240	145	3772	3791	1763
35°	4858	140	77	4809	4858	3084
45°	5808	93	23	5647	5808	4502
55°	6448	70	0	5812	6448	5800
65°	6660	35	0	6053	6660	6436
75°	2673	12	0	2867	2673	2914
85°	154	0	0	502	154	213
90°	0	0	0	0	0	

TEST NUMBER: P599140
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1
2.5°	3377.8	3417.5	3380.1	3249.4	3226.1	3163.0	3067.3	3060.3	2960.0	2971.6	2917.9
5°	3174.7	3214.4	3135.0	2962.3	2801.2	2672.8	2595.8	2458.1	2427.7	2360.0	2360.0
7.5°	2967.0	2964.6	2829.2	2684.5	2444.1	2208.3	2100.9	1902.5	1785.8	1722.8	1662.1
10°	2794.2	2756.9	2672.8	2374.0	2112.6	1867.5	1734.4	1603.7	1482.3	1377.3	1272.2
12.5°	2672.8	2696.2	2563.1	2238.6	1900.2	1729.8	1587.4	1449.6	1304.9	1185.9	1069.1
15°	2735.9	2698.5	2542.1	2208.3	1865.1	1631.7	1442.6	1274.6	1113.5	957.1	868.4
17.5°	2931.9	2836.2	2651.8	2208.3	1792.8	1482.3	1253.5	1055.1	882.4	742.3	632.6
20°	3195.7	3086.0	2887.6	2290.0	1739.1	1372.6	1059.8	810.0	630.3	499.6	415.5
22.5°	3466.5	3380.1	3081.3	2322.7	1676.1	1225.5	835.7	585.9	420.2	336.1	294.1
25°	3791.0	3669.6	3342.8	2453.4	1582.7	1083.1	658.3	408.5	312.8	268.5	242.8
27.5°	4050.1	4029.1	3587.9	2532.8	1512.7	966.4	520.6	324.5	259.1	226.4	210.1
30°	4376.9	4262.5	3886.7	2691.5	1433.3	833.4	434.2	291.8	238.1	203.1	191.4
32.5°	4573.0	4519.3	4043.1	2780.2	1344.6	723.6	373.5	256.8	217.1	191.4	179.7
35°	4857.8	4750.4	4267.2	2836.2	1297.9	660.6	336.1	233.4	182.1	156.4	142.4
37.5°	5175.3	5135.6	4535.6	2833.9	1230.2	623.3	310.5	217.1	172.7	144.7	128.4
40°	5499.7	5338.7	4699.0	2899.3	1195.2	595.3	291.8	207.8	163.4	137.7	116.7
42.5°	5742.5	5558.1	4888.1	2875.9	1153.2	546.2	284.8	193.8	156.4	126.1	107.4
45°	5807.9	5742.5	5058.5	2868.9	1122.8	506.6	273.1	191.4	151.7	119.1	100.4
47.5°	5933.9	5889.6	5268.6	2880.6	1099.5	476.2	245.1	196.1	144.7	112.0	95.7
50°	5989.9	5910.6	5439.0	2908.6	1045.8	438.9	219.4	205.4	142.4	109.7	91.0
52.5°	6221.0	6151.0	5672.5	2988.0	1001.4	389.8	193.8	196.1	147.1	102.7	86.4
55°	6447.5	6368.1	6032.0	3170.0	938.4	350.2	165.7	172.7	140.1	93.4	77.0
57.5°	6757.9	6627.2	6272.4	3244.7	882.4	296.5	147.1	142.4	130.7	84.0	67.7
60°	6804.6	6858.3	6237.4	3198.1	824.0	261.4	128.4	109.7	140.1	74.7	58.4
62.5°	6961.0	6736.9	6074.0	3090.7	782.0	240.4	114.4	91.0	121.4	65.4	49.0
65°	6659.9	6494.2	5691.1	2745.2	728.3	242.8	100.4	74.7	77.0	53.7	39.7
67.5°	6218.7	6088.0	5056.2	2369.4	674.6	238.1	88.7	65.4	58.4	46.7	35.0
70°	5457.7	5175.3	4295.2	1923.5	595.3	221.8	74.7	58.4	49.0	37.3	25.7
72.5°	3970.7	3856.3	3081.3	1487.0	534.6	200.8	70.0	49.0	42.0	28.0	21.0
75°	2672.8	2483.7	1944.5	975.8	429.5	175.1	58.4	44.4	32.7	21.0	16.3
77.5°	1412.3	1335.2	1101.8	464.5	238.1	81.7	32.7	25.7	18.7	16.3	9.3
80°	611.6	543.9	476.2	189.1	84.0	37.3	21.0	14.0	11.7	9.3	4.7
82.5°	312.8	298.8	247.4	81.7	49.0	28.0	11.7	9.3	7.0	4.7	2.3
85°	154.1	158.7	130.7	25.7	28.0	16.3	2.3	2.3	0.0	0.0	0.0
87.5°	11.7	11.7	9.3	4.7	7.0	2.3	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°	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1
2.5°	2896.9	2929.6	2873.6	2908.6	2892.3	2899.3	2906.3	2887.6	2892.3	2957.6	2960.0
5°	2320.3	2383.4	2360.0	2392.7	2448.7	2420.7	2446.4	2441.7	2446.4	2455.7	2497.8
7.5°	1655.1	1636.4	1680.7	1767.1	1867.5	1928.2	1897.8	1881.5	1872.1	1848.8	1876.8
10°	1248.9	1239.5	1227.9	1253.5	1318.9	1386.6	1424.0	1360.9	1325.9	1281.6	1265.2
12.5°	1036.5	978.1	945.4	905.7	924.4	985.1	987.4	926.7	870.7	847.4	873.0
15°	817.0	777.3	719.0	663.0	634.9	681.6	641.9	583.6	511.2	501.9	499.6
17.5°	583.6	560.2	518.2	494.9	462.2	450.5	408.5	319.8	268.5	254.4	259.1
20°	396.8	378.2	375.8	354.8	340.8	331.5	263.8	205.4	189.1	191.4	193.8
22.5°	294.1	284.8	273.1	270.8	259.1	247.4	193.8	172.7	161.1	161.1	168.1
25°	240.4	235.8	224.1	219.4	214.8	198.4	163.4	147.1	142.4	137.7	144.7
27.5°	205.4	203.1	196.1	189.1	184.4	168.1	142.4	128.4	123.7	123.7	123.7
30°	184.4	184.4	175.1	161.1	161.1	142.4	121.4	112.0	107.4	107.4	105.0
32.5°	172.7	168.1	156.4	147.1	140.1	121.4	107.4	98.0	91.0	91.0	93.4
35°	140.1	140.1	137.7	130.7	121.4	102.7	91.0	81.7	77.0	74.7	77.0
37.5°	123.7	116.7	107.4	109.7	105.0	88.7	77.0	70.0	63.0	63.0	63.0
40°	112.0	105.0	95.7	88.7	86.4	79.4	67.7	56.0	49.0	46.7	46.7
42.5°	100.4	95.7	81.7	70.0	67.7	67.7	51.4	42.0	35.0	35.0	35.0
45°	93.4	86.4	74.7	60.7	49.0	51.4	42.0	30.3	25.7	23.3	23.3
47.5°	88.7	81.7	65.4	51.4	37.3	37.3	30.3	21.0	16.3	14.0	14.0
50°	81.7	74.7	58.4	42.0	28.0	23.3	18.7	11.7	7.0	4.7	4.7
52.5°	77.0	70.0	51.4	35.0	23.3	16.3	11.7	2.3	0.0	0.0	0.0
55°	70.0	60.7	44.4	28.0	18.7	9.3	2.3	0.0	0.0	0.0	0.0
57.5°	60.7	53.7	35.0	21.0	11.7	2.3	0.0	0.0	0.0	0.0	0.0
60°	51.4	44.4	28.0	16.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	42.0	37.3	21.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	35.0	28.0	16.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	30.3	23.3	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	23.3	16.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	16.3	11.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	11.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	7.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.3	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°	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1
2.5°	2969.3	3039.3	3104.7	3123.4	3174.7	3317.1	3317.1	3384.8	3506.2	3550.5	3559.9
5°	2504.8	2579.5	2593.5	2738.2	2805.9	2950.6	3046.3	3275.1	3412.8	3499.2	3552.9
7.5°	1904.8	1930.5	1984.2	2119.6	2252.6	2427.7	2609.8	2901.6	3144.4	3242.4	3424.5
10°	1309.6	1386.6	1503.3	1624.7	1832.5	2026.2	2262.0	2537.4	2836.2	2957.6	3114.0
12.5°	882.4	989.8	1176.5	1349.3	1540.7	1736.8	1960.9	2329.7	2668.2	2836.2	2992.6
15°	515.9	646.6	807.7	1087.8	1342.3	1561.7	1785.8	2159.3	2570.1	2787.2	2978.6
17.5°	261.4	301.1	434.2	677.0	1013.1	1372.6	1706.4	2182.6	2644.8	2910.9	3069.7
20°	196.1	207.8	245.1	359.5	693.3	1134.5	1631.7	2217.6	2852.6	3177.1	3263.4
22.5°	170.4	179.7	196.1	233.4	389.8	868.4	1526.7	2304.0	3135.0	3440.8	3622.9
25°	144.7	154.1	168.1	191.4	249.8	590.6	1398.3	2395.0	3387.1	3772.3	3942.7
27.5°	126.1	133.1	147.1	165.7	203.1	375.8	1176.5	2516.4	3772.3	4173.8	4218.2
30°	107.4	114.4	126.1	147.1	172.7	266.1	863.7	2532.8	3984.7	4348.9	4472.6
32.5°	93.4	95.7	109.7	128.4	144.7	210.1	606.9	2549.1	4141.1	4575.3	4601.0
35°	77.0	81.7	95.7	107.4	126.1	165.7	459.9	2467.4	4344.2	4808.8	4801.8
37.5°	63.0	70.0	79.4	88.7	102.7	140.1	366.5	2315.7	4598.7	5170.6	4951.2
40°	49.0	56.0	65.4	77.0	86.4	126.1	275.5	2086.9	4864.8	5348.0	5114.6
42.5°	35.0	39.7	49.0	60.7	77.0	105.0	198.4	1816.1	4969.8	5555.8	5310.6
45°	25.7	30.3	37.3	51.4	79.4	84.0	137.7	1568.7	5081.9	5646.8	5266.3
47.5°	14.0	18.7	28.0	44.4	70.0	63.0	98.0	1346.9	5210.3	5728.5	5301.3
50°	4.7	7.0	16.3	46.7	56.0	49.0	77.0	1227.9	5336.3	5744.8	5371.3
52.5°	0.0	0.0	9.3	49.0	42.0	37.3	67.7	1181.2	5303.6	5796.2	5327.0
55°	0.0	0.0	2.3	21.0	23.3	28.0	56.0	1178.8	5534.7	5812.5	5569.8
57.5°	0.0	0.0	0.0	7.0	14.0	23.3	49.0	1104.1	5681.8	6218.7	5896.6
60°	0.0	0.0	0.0	2.3	9.3	16.3	37.3	1038.8	5831.2	6400.8	6246.7
62.5°	0.0	0.0	0.0	0.0	2.3	7.0	25.7	938.4	5530.1	6386.8	6585.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	16.3	742.3	4974.5	6053.0	6398.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.3	513.6	4355.9	5632.8	6055.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310.5	3515.5	4939.5	5135.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.1	2509.4	3921.7	4213.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.7	1552.3	2866.6	3226.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	1006.1	2170.9	2448.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	536.9	1360.9	1582.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	233.4	826.4	952.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	501.9	571.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0	102.7
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: P599140
 CATALOG NUMBER: IFLD-S-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1	3310.1
2.5°	3564.6	3632.2	3657.9	3618.2	3622.9	3541.2	3529.5	3415.2	3368.5	3377.8
5°	3728.0	3826.0	3879.7	3835.3	3735.0	3578.6	3436.2	3300.8	3216.7	3174.7
7.5°	3690.6	3800.3	3868.0	3910.0	3795.7	3543.5	3326.4	3072.0	2964.6	2967.0
10°	3485.2	3714.0	3851.7	3798.0	3744.3	3492.2	3156.0	2880.6	2784.9	2794.2
12.5°	3319.4	3573.9	3655.6	3697.6	3587.9	3387.1	3160.7	2845.6	2738.2	2672.8
15°	3216.7	3405.8	3410.5	3475.8	3431.5	3431.5	3209.7	2901.6	2808.2	2735.9
17.5°	3216.7	3258.8	3254.1	3277.4	3352.1	3440.8	3333.5	3128.0	2943.6	2931.9
20°	3289.1	3158.4	3128.0	3137.4	3200.4	3464.2	3606.6	3349.8	3233.1	3195.7
22.5°	3457.2	3170.0	2985.6	2953.0	3146.7	3461.8	3781.6	3699.9	3496.9	3466.5
25°	3688.3	3149.0	2948.3	2906.3	3053.3	3545.9	4022.1	4038.4	3854.0	3791.0
27.5°	3907.7	3242.4	2943.6	2934.3	3128.0	3527.2	4187.8	4309.2	4101.5	4050.1
30°	3982.4	3335.8	3030.0	2906.3	3156.0	3594.9	4183.2	4500.6	4365.2	4376.9
32.5°	4071.1	3429.2	3039.3	2990.3	3275.1	3704.6	4316.2	4808.8	4710.7	4573.0
35°	4201.8	3555.2	3128.0	3083.7	3359.1	3802.7	4344.2	5035.2	5018.9	4857.8
37.5°	4313.9	3678.9	3312.4	3319.4	3615.9	3961.4	4467.9	5313.0	5285.0	5175.3
40°	4393.2	3851.7	3599.6	3618.2	3840.0	4138.8	4687.4	5453.0	5660.8	5499.7
42.5°	4404.9	4005.7	3928.7	4078.1	4285.9	4414.3	4776.1	5548.8	5847.5	5742.5
45°	4449.3	4250.9	4465.6	4575.3	4745.7	4657.0	4771.4	5712.2	5861.6	5807.9
47.5°	4622.0	4696.7	4967.5	5301.3	5362.0	5070.2	4883.5	5737.8	5940.9	5933.9
50°	4801.8	5175.3	5555.8	5777.5	5854.6	5355.0	4988.5	5716.8	6046.0	5989.9
52.5°	5002.5	5590.8	6139.3	6412.5	6370.4	5670.1	5107.6	5887.2	6239.7	6221.0
55°	5128.6	5777.5	6515.2	6895.7	6863.0	6022.6	5485.7	6132.3	6494.2	6447.5
57.5°	5462.4	6081.0	6888.7	7066.1	7152.4	6484.8	5749.5	6533.8	6706.6	6757.9
60°	5737.8	6279.4	6986.7	7243.5	7273.8	6760.3	6211.7	6947.0	6977.4	6804.6
62.5°	6141.7	6356.4	6779.0	7010.1	7166.5	6916.7	6627.2	7168.8	6972.7	6961.0
65°	6438.1	6104.3	6391.5	6519.8	6620.2	6678.6	7045.1	7320.5	6886.3	6659.9
67.5°	6272.4	5628.1	5574.4	5581.4	5611.8	5964.3	6905.0	6949.4	6405.5	6218.7
70°	5520.7	4617.3	4545.0	4601.0	4449.3	4874.1	6337.8	6316.8	5651.5	5457.7
72.5°	4465.6	3366.1	3242.4	3319.4	3354.5	3805.0	5331.7	4790.1	4122.5	3970.7
75°	3548.2	2467.4	2082.2	2269.0	2388.0	2770.9	4164.5	3254.1	2878.3	2672.8
77.5°	2787.2	1867.5	1620.0	1545.3	1655.1	2014.5	3030.0	1708.7	1508.0	1412.3
80°	1767.1	1372.6	1489.3	1381.9	1428.6	1438.0	1578.0	777.3	618.6	611.6
82.5°	1064.5	938.4	1115.8	613.9	1118.2	999.1	656.0	352.5	312.8	312.8
85°	754.0	581.3	385.2	249.8	497.2	548.6	254.4	182.1	158.7	154.1
87.5°	378.2	179.7	86.4	56.0	63.0	102.7	30.3	14.0	14.0	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)