

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: P599159

Luminaire Tested: **IFLD-L-SA7B-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: P599159
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

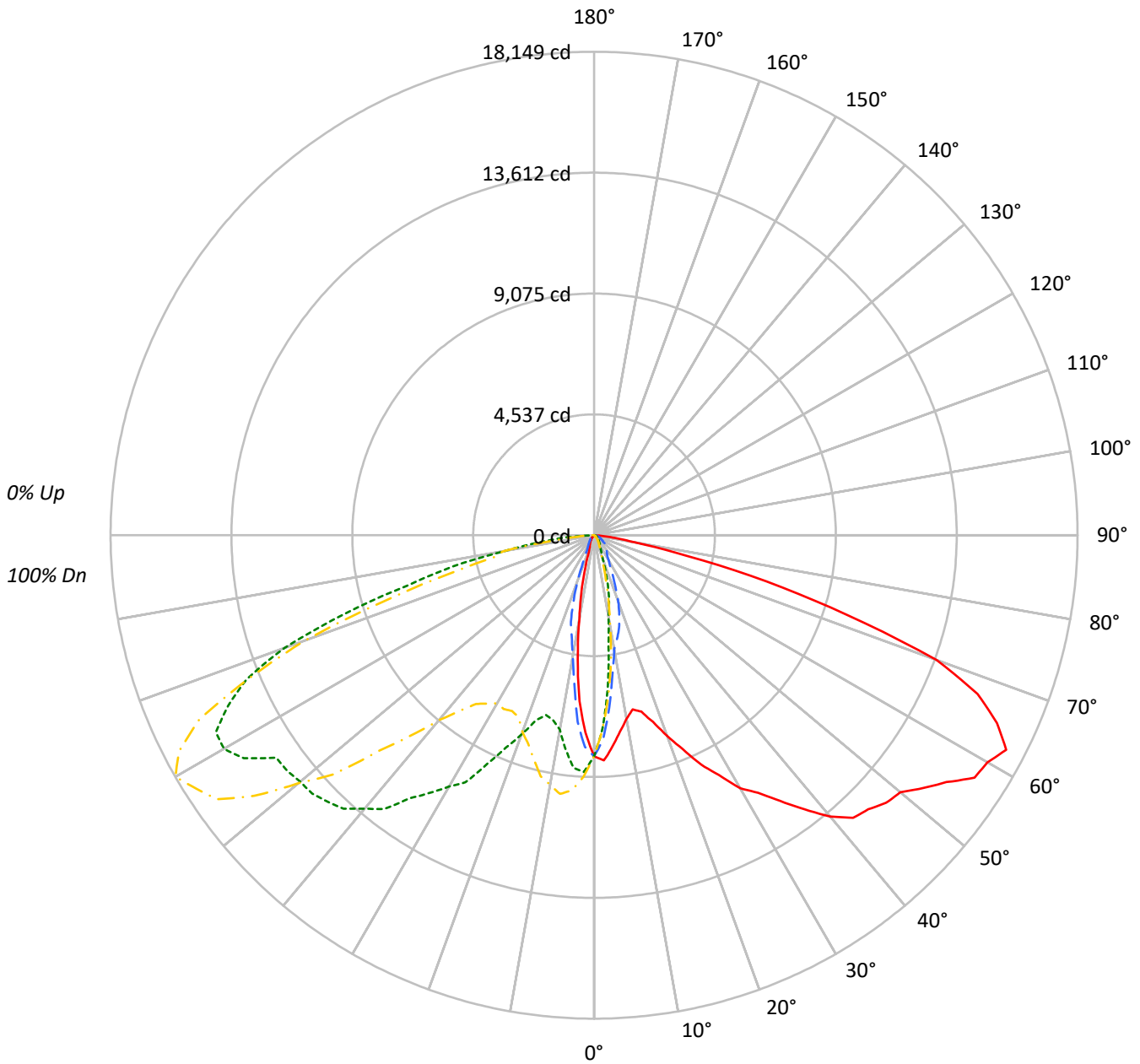
Lumens per Lamp: N/A
 Luminaire Lumens: 21693.9 lumens
 Efficiency: N/A
 Efficacy: 77.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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°	44636	44636	44636	44636
5°	42973	31409	33810	47365
10°	38260	17100	17324	40498
15°	38194	11406	6974	38910
20°	45859	5695	2780	45591
25°	56405	3577	2153	56127
30°	68152	2872	1636	67716
35°	79967	2305	1268	79161
40°	96811	1972	822	94141
45°	110757	1781	445	107685
50°	125660	1714	98	120518
55°	151578	1647	0	136652
60°	183516	1385	0	172625
65°	212500	1117	0	193135
70°	215179	921	0	194746
75°	139257	607	0	149351
80°	47494	180	0	105681
85°	23836	0	0	77652

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	628.2	2.9
10°-20°	1216.5	5.6
20°-30°	1694.3	7.8
30°-40°	2407.4	11.1
40°-50°	3338.4	15.4
50°-60°	4548.7	21.0
60°-70°	5001.0	23.1
70°-80°	2457.9	11.3
80°-90°	401.4	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°	3539.1	16.3
0°-40°	5946.5	27.4
0°-60°	13833.6	63.8
0°-90°	21693.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21693.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8294	8294	8294	8294	8294	
5°	7954	5814	6258	8767	7954	728
15°	6855	2047	1252	6983	6855	2029
25°	9498	602	363	9452	9498	4416
35°	12171	351	193	12048	12171	7726
45°	14552	234	58	14148	14552	11280
55°	16154	176	0	14564	16154	14532
65°	16687	88	0	15166	16687	16126
75°	6697	29	0	7182	6697	7301
85°	386	0	0	1258	386	534
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°	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6
2.5°	8463.2	8562.6	8469.0	8141.5	8083.0	7925.1	7685.3	7667.8	7416.3	7445.5	7311.0
5°	7954.3	8053.8	7854.9	7422.1	7018.5	6696.9	6503.8	6158.8	6082.7	5913.1	5913.1
7.5°	7433.8	7428.0	7088.7	6726.1	6123.7	5532.9	5263.9	4766.8	4474.3	4316.4	4164.3
10°	7001.0	6907.4	6696.9	5948.2	5293.1	4679.0	4345.6	4018.1	3714.0	3450.8	3187.6
12.5°	6696.9	6755.3	6422.0	5609.0	4760.9	4333.9	3977.2	3632.1	3269.5	2971.2	2678.7
15°	6854.8	6761.2	6369.3	5532.9	4673.2	4088.3	3614.5	3193.4	2789.9	2398.0	2175.7
17.5°	7346.1	7106.3	6644.2	5532.9	4491.9	3714.0	3140.8	2643.6	2210.8	1859.9	1585.0
20°	8007.0	7732.1	7234.9	5737.7	4357.3	3439.1	2655.3	2029.5	1579.2	1251.6	1041.1
22.5°	8685.4	8469.0	7720.4	5819.5	4199.4	3070.6	2093.9	1468.0	1052.8	842.2	736.9
25°	9498.4	9194.3	8375.5	6147.1	3965.5	2713.8	1649.4	1023.5	783.7	672.6	608.3
27.5°	10147.6	10095.0	8989.6	6345.9	3790.0	2421.4	1304.3	813.0	649.2	567.3	526.4
30°	10966.5	10679.9	9738.2	6743.6	3591.2	2088.0	1087.9	731.1	596.6	508.8	479.6
32.5°	11457.8	11323.2	10130.1	6965.9	3368.9	1813.1	935.8	643.4	543.9	479.6	450.4
35°	12171.3	11902.3	10691.6	7106.3	3251.9	1655.2	842.2	584.9	456.2	391.9	356.8
37.5°	12966.7	12867.3	11364.2	7100.4	3082.3	1561.6	777.9	543.9	432.8	362.6	321.7
40°	13779.7	13376.2	11773.6	7264.2	2994.6	1491.4	731.1	520.5	409.4	345.1	292.4
42.5°	14388.0	13925.9	12247.3	7205.7	2889.3	1368.6	713.6	485.4	391.9	315.8	269.0
45°	14551.8	14388.0	12674.3	7188.2	2813.3	1269.2	684.3	479.6	380.2	298.3	251.5
47.5°	14867.6	14756.5	13200.7	7217.4	2754.8	1193.2	614.1	491.3	362.6	280.7	239.8
50°	15008.0	14809.1	13627.7	7287.6	2620.3	1099.6	549.8	514.7	356.8	274.9	228.1
52.5°	15587.0	15411.5	14212.5	7486.4	2509.1	976.7	485.4	491.3	368.5	257.3	216.4
55°	16154.3	15955.5	15113.3	7942.6	2351.2	877.3	415.3	432.8	350.9	234.0	193.0
57.5°	16932.2	16604.7	15715.7	8129.8	2210.8	742.8	368.5	356.8	327.5	210.6	169.6
60°	17049.2	17183.7	15627.9	8012.8	2064.6	655.1	321.7	274.9	350.9	187.2	146.2
62.5°	17441.1	16879.6	15218.5	7743.8	1959.3	602.4	286.6	228.1	304.1	163.8	122.8
65°	16686.6	16271.3	14259.3	6878.2	1824.8	608.3	251.5	187.2	193.0	134.5	99.4
67.5°	15581.2	15253.6	12668.5	5936.5	1690.3	596.6	222.3	163.8	146.2	117.0	87.7
70°	13674.5	12966.7	10761.8	4819.4	1491.4	555.6	187.2	146.2	122.8	93.6	64.3
72.5°	9948.8	9662.2	7720.4	3725.7	1339.4	503.0	175.5	122.8	105.3	70.2	52.6
75°	6696.9	6223.1	4872.0	2444.8	1076.2	438.7	146.2	111.1	81.9	52.6	40.9
77.5°	3538.5	3345.5	2760.6	1163.9	596.6	204.7	81.9	64.3	46.8	40.9	23.4
80°	1532.4	1362.8	1193.2	473.8	210.6	93.6	52.6	35.1	29.2	23.4	11.7
82.5°	783.7	748.6	620.0	204.7	122.8	70.2	29.2	23.4	17.5	11.7	5.8
85°	386.0	397.7	327.5	64.3	70.2	40.9	5.8	5.8	0.0	0.0	0.0
87.5°	29.2	29.2	23.4	11.7	17.5	5.8	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°	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6
2.5°	7258.3	7340.2	7199.9	7287.6	7246.6	7264.2	7281.7	7234.9	7246.6	7410.4	7416.3
5°	5813.7	5971.6	5913.1	5995.0	6135.4	6065.2	6129.5	6117.8	6129.5	6152.9	6258.2
7.5°	4146.8	4100.0	4211.1	4427.5	4679.0	4831.1	4755.1	4714.1	4690.7	4632.2	4702.4
10°	3129.1	3105.7	3076.5	3140.8	3304.6	3474.2	3567.8	3409.8	3322.1	3211.0	3170.0
12.5°	2596.9	2450.6	2368.8	2269.3	2316.1	2468.2	2474.0	2322.0	2181.6	2123.1	2187.4
15°	2047.1	1947.6	1801.4	1661.1	1590.9	1707.8	1608.4	1462.2	1280.9	1257.5	1251.6
17.5°	1462.2	1403.7	1298.4	1239.9	1158.1	1128.8	1023.5	801.3	672.6	637.5	649.2
20°	994.3	947.5	941.7	889.0	853.9	830.5	660.9	514.7	473.8	479.6	485.4
22.5°	736.9	713.6	684.3	678.5	649.2	620.0	485.4	432.8	403.6	403.6	421.1
25°	602.4	590.7	561.5	549.8	538.1	497.1	409.4	368.5	356.8	345.1	362.6
27.5°	514.7	508.8	491.3	473.8	462.1	421.1	356.8	321.7	310.0	310.0	310.0
30°	462.1	462.1	438.7	403.6	403.6	356.8	304.1	280.7	269.0	269.0	263.2
32.5°	432.8	421.1	391.9	368.5	350.9	304.1	269.0	245.6	228.1	228.1	234.0
35°	350.9	350.9	345.1	327.5	304.1	257.3	228.1	204.7	193.0	187.2	193.0
37.5°	310.0	292.4	269.0	274.9	263.2	222.3	193.0	175.5	157.9	157.9	157.9
40°	280.7	263.2	239.8	222.3	216.4	198.9	169.6	140.4	122.8	117.0	117.0
42.5°	251.5	239.8	204.7	175.5	169.6	169.6	128.7	105.3	87.7	87.7	87.7
45°	234.0	216.4	187.2	152.1	122.8	128.7	105.3	76.0	64.3	58.5	58.5
47.5°	222.3	204.7	163.8	128.7	93.6	93.6	76.0	52.6	40.9	35.1	35.1
50°	204.7	187.2	146.2	105.3	70.2	58.5	46.8	29.2	17.5	11.7	11.7
52.5°	193.0	175.5	128.7	87.7	58.5	40.9	29.2	5.8	0.0	0.0	0.0
55°	175.5	152.1	111.1	70.2	46.8	23.4	5.8	0.0	0.0	0.0	0.0
57.5°	152.1	134.5	87.7	52.6	29.2	5.8	0.0	0.0	0.0	0.0	0.0
60°	128.7	111.1	70.2	40.9	11.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	105.3	93.6	52.6	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	87.7	70.2	40.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	76.0	58.5	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	58.5	40.9	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	40.9	29.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	29.2	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.8	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°	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6
2.5°	7439.7	7615.1	7778.9	7825.7	7954.3	8311.1	8311.1	8480.7	8784.9	8896.0	8919.4
5°	6275.7	6462.9	6498.0	6860.6	7030.2	7392.9	7632.7	8205.8	8550.9	8767.3	8901.8
7.5°	4772.6	4836.9	4971.5	5310.7	5644.1	6082.7	6538.9	7270.0	7878.3	8124.0	8580.2
10°	3281.2	3474.2	3766.6	4070.8	4591.3	5076.7	5667.5	6357.6	7106.3	7410.4	7802.3
12.5°	2210.8	2479.9	2947.8	3380.6	3860.2	4351.5	4913.0	5837.1	6685.2	7106.3	7498.1
15°	1292.6	1620.1	2023.7	2725.5	3363.0	3912.8	4474.3	5410.1	6439.5	6983.4	7463.0
17.5°	655.1	754.5	1087.9	1696.1	2538.4	3439.1	4275.5	5468.6	6626.7	7293.4	7691.1
20°	491.3	520.5	614.1	900.7	1737.1	2842.5	4088.3	5556.3	7147.2	7960.2	8176.6
22.5°	427.0	450.4	491.3	584.9	976.7	2175.7	3825.1	5772.7	7854.9	8621.1	9077.3
25°	362.6	386.0	421.1	479.6	625.8	1479.7	3503.4	6000.8	8486.6	9451.6	9878.6
27.5°	315.8	333.4	368.5	415.3	508.8	941.7	2947.8	6305.0	9451.6	10457.6	10568.7
30°	269.0	286.6	315.8	368.5	432.8	666.8	2164.0	6345.9	9983.9	10896.3	11206.3
32.5°	234.0	239.8	274.9	321.7	362.6	526.4	1520.7	6386.9	10375.7	11463.6	11527.9
35°	193.0	204.7	239.8	269.0	315.8	415.3	1152.2	6182.2	10884.6	12048.5	12030.9
37.5°	157.9	175.5	198.9	222.3	257.3	350.9	918.3	5802.0	11522.1	12955.1	12405.3
40°	122.8	140.4	163.8	193.0	216.4	315.8	690.2	5228.8	12188.9	13399.6	12814.7
42.5°	87.7	99.4	122.8	152.1	193.0	263.2	497.1	4550.4	12452.1	13920.1	13306.0
45°	64.3	76.0	93.6	128.7	198.9	210.6	345.1	3930.4	12732.8	14148.2	13194.9
47.5°	35.1	46.8	70.2	111.1	175.5	157.9	245.6	3374.7	13054.5	14352.9	13282.6
50°	11.7	17.5	40.9	117.0	140.4	122.8	193.0	3076.5	13370.3	14393.9	13458.0
52.5°	0.0	0.0	23.4	122.8	105.3	93.6	169.6	2959.5	13288.4	14522.5	13346.9
55°	0.0	0.0	5.8	52.6	58.5	70.2	140.4	2953.6	13867.5	14563.5	13955.2
57.5°	0.0	0.0	0.0	17.5	35.1	58.5	122.8	2766.5	14235.9	15581.2	14774.0
60°	0.0	0.0	0.0	5.8	23.4	40.9	93.6	2602.7	14610.3	16037.4	15651.3
62.5°	0.0	0.0	0.0	0.0	5.8	17.5	64.3	2351.2	13855.8	16002.3	16499.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	40.9	1859.9	12463.8	15165.9	16031.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1286.7	10913.8	14113.1	15171.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	777.9	8808.3	12376.0	12867.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333.4	6287.4	9826.0	10557.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.5	3889.4	7182.3	8083.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.6	2520.8	5439.4	6135.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	1345.2	3409.8	3965.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	584.9	2070.5	2386.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.2	1257.5	1433.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193.0	257.3
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: P599159
 CATALOG NUMBER: IFLD-L-SA7B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6	8293.6
2.5°	8931.1	9100.7	9165.0	9065.6	9077.3	8872.6	8843.4	8556.8	8439.8	8463.2
5°	9340.5	9586.2	9720.7	9609.5	9358.1	8966.2	8609.4	8270.2	8059.6	7954.3
7.5°	9246.9	9521.8	9691.4	9796.7	9510.1	8878.5	8334.5	7697.0	7428.0	7433.8
10°	8732.2	9305.4	9650.5	9516.0	9381.4	8749.8	7907.6	7217.4	6977.6	7001.0
12.5°	8317.0	8954.5	9159.2	9264.5	8989.6	8486.6	7919.3	7129.7	6860.6	6696.9
15°	8059.6	8533.4	8545.1	8708.8	8597.7	8597.7	8042.1	7270.0	7036.1	6854.8
17.5°	8059.6	8164.9	8153.2	8211.7	8398.9	8621.1	8352.1	7837.4	7375.3	7346.1
20°	8240.9	7913.4	7837.4	7860.8	8018.7	8679.6	9036.4	8393.0	8100.6	8007.0
22.5°	8662.0	7942.6	7480.6	7398.7	7884.2	8673.7	9475.0	9270.3	8761.5	8685.4
25°	9241.1	7890.0	7387.0	7281.7	7650.2	8884.3	10077.5	10118.4	9656.3	9498.4
27.5°	9790.9	8124.0	7375.3	7351.9	7837.4	8837.5	10492.7	10796.9	10276.3	10147.6
30°	9978.0	8357.9	7591.7	7281.7	7907.6	9007.1	10481.0	11276.5	10937.2	10966.5
32.5°	10200.3	8591.9	7615.1	7492.3	8205.8	9282.0	10814.4	12048.5	11802.8	11457.8
35°	10527.8	8907.7	7837.4	7726.2	8416.4	9527.7	10884.6	12615.8	12574.9	12171.3
37.5°	10808.5	9217.7	8299.4	8317.0	9059.8	9925.4	11194.6	13311.8	13241.6	12966.7
40°	11007.4	9650.5	9018.8	9065.6	9621.2	10369.9	11744.4	13662.8	14183.3	13779.7
42.5°	11036.7	10036.5	9843.5	10217.8	10738.4	11060.0	11966.6	13902.6	14651.2	14388.0
45°	11147.8	10650.6	11188.7	11463.6	11890.6	11668.3	11954.9	14312.0	14686.3	14551.8
47.5°	11580.6	11767.7	12446.2	13282.6	13434.7	12703.6	12235.7	14376.3	14885.1	14867.6
50°	12030.9	12966.7	13920.1	14475.7	14668.7	13417.1	12498.8	14323.7	15148.3	15008.0
52.5°	12533.9	14007.8	15382.3	16066.6	15961.3	14206.7	12797.1	14750.6	15633.8	15587.0
55°	12849.8	14475.7	16323.9	17277.3	17195.4	15089.9	13744.6	15364.7	16271.3	16154.3
57.5°	13686.1	15236.1	17259.8	17704.3	17920.7	16247.9	14405.5	16370.7	16803.5	16932.2
60°	14376.3	15733.2	17505.4	18148.8	18224.8	16938.1	15563.6	17406.0	17482.0	17049.2
62.5°	15388.1	15926.2	16984.9	17563.9	17955.8	17329.9	16604.7	17961.6	17470.3	17441.1
65°	16130.9	15294.6	16014.0	16335.6	16587.1	16733.4	17651.6	18341.8	17253.9	16686.6
67.5°	15715.7	14101.4	13966.9	13984.4	14060.5	14943.6	17300.7	17411.8	16049.1	15581.2
70°	13832.4	11568.9	11387.6	11527.9	11147.8	12212.3	15879.4	15826.8	14159.9	13674.5
72.5°	11188.7	8433.9	8124.0	8317.0	8404.7	9533.5	13358.6	12001.7	10328.9	9948.8
75°	8890.1	6182.2	5217.1	5685.0	5983.3	6942.5	10434.2	8153.2	7211.5	6696.9
77.5°	6983.4	4679.0	4059.1	3871.9	4146.8	5047.5	7591.7	4281.3	3778.3	3538.5
80°	4427.5	3439.1	3731.5	3462.5	3579.5	3602.8	3953.8	1947.6	1549.9	1532.4
82.5°	2667.0	2351.2	2795.7	1538.2	2801.6	2503.3	1643.5	883.2	783.7	783.7
85°	1889.2	1456.3	965.0	625.8	1245.8	1374.5	637.5	456.2	397.7	386.0
87.5°	947.5	450.4	216.4	140.4	157.9	257.3	76.0	35.1	35.1	29.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)