

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: P598623

Luminaire Tested: **IFLD-S-SA3C-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: P598623
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

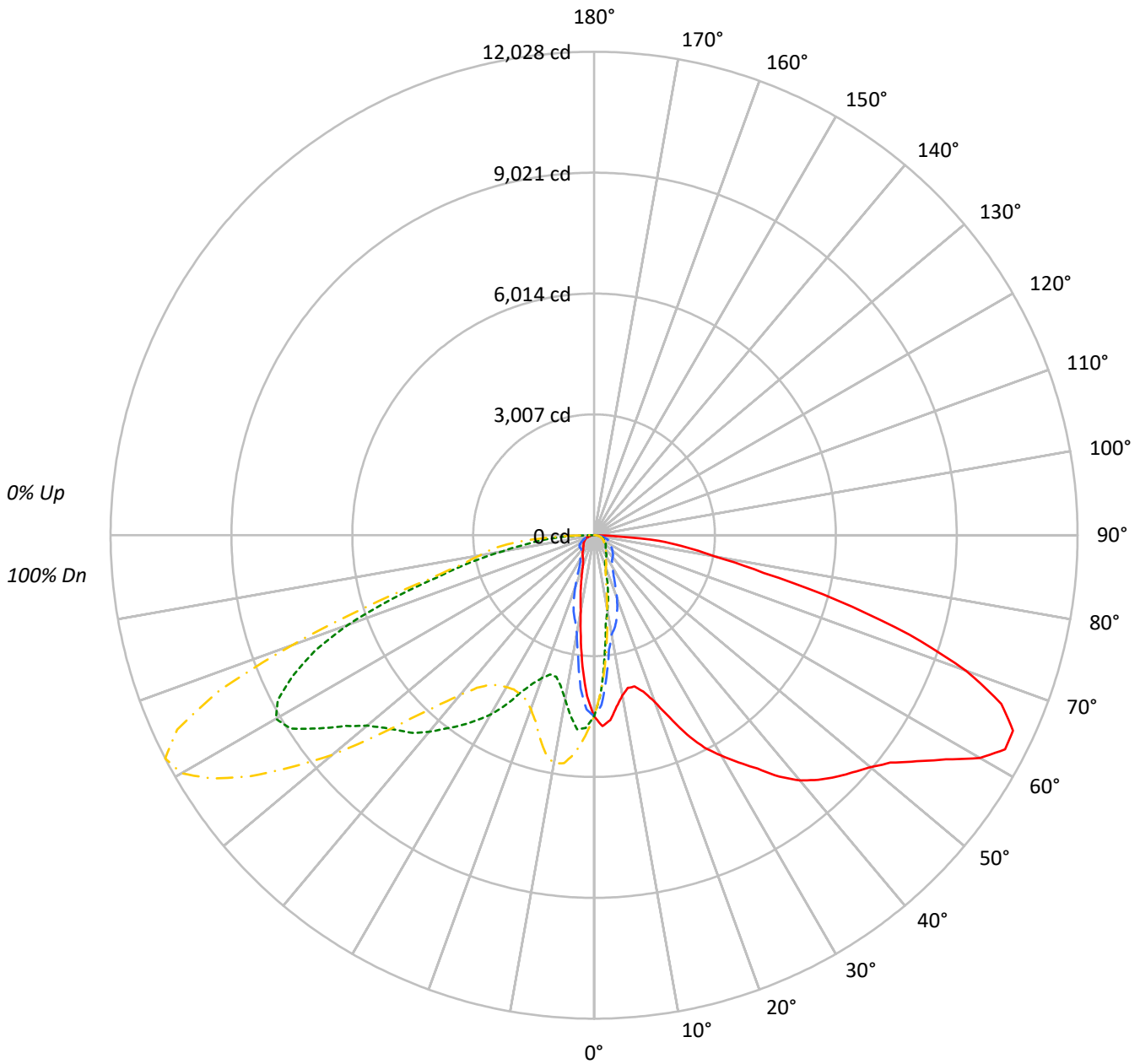
Lumens per Lamp: N/A
 Luminaire Lumens: 15067.6 lumens
 Efficiency: N/A
 Efficacy: 93.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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	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	100											
	1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77											
	2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59											
	3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46											
	4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36											
	5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30											
	6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25											
	7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21											
	8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18											
	9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16											
	10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14											

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	64598	64598	64598	64598
5°	66478	43229	47225	69839
10°	58980	27469	27745	60357
15°	57884	19482	18452	54137
20°	67299	12324	12420	57671
25°	86548	10581	10282	68180
30°	104887	10029	9401	85351
35°	124141	8836	8504	101168
40°	149165	8386	7796	119520
45°	172601	8318	7548	139334
50°	200428	8444	7600	164536
55°	245276	8675	7729	209627
60°	318101	8686	8143	262189
65°	390473	8779	8351	280655
70°	413184	9257	8728	273253
75°	347808	9787	8739	223020
80°	252692	11463	8860	192771
85°	267818	16615	7262	200337

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	348.3	2.3
10°-20°	729.0	4.8
20°-30°	1050.6	7.0
30°-40°	1512.4	10.0
40°-50°	2148.3	14.3
50°-60°	3088.7	20.5
60°-70°	3568.4	23.7
70°-80°	2020.5	13.4
80°-90°	601.3	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°	2127.9	14.1
0°-40°	3640.4	24.2
0°-60°	8877.3	58.9
0°-90°	15067.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15067.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4501	4501	4501	4501	4501	
5°	4614	3001	3278	4848	4614	419
15°	3896	1311	1242	3644	3896	1146
25°	5465	668	649	4306	5465	2537
35°	7086	504	485	5774	7086	4497
45°	8504	410	372	6865	8504	6585
55°	9802	347	309	8378	9802	8878
65°	11498	258	246	8264	11498	11026
75°	6272	176	158	4022	6272	6655
85°	1626	101	44	1217	1626	1620
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°	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0
2.5°	4753.1	4746.8	4709.0	4589.2	4463.1	4343.4	4229.9	4110.1	4047.1	3971.4	3939.9
5°	4614.4	4601.8	4494.7	4229.9	3996.6	3744.5	3530.2	3360.0	3221.3	3082.6	3032.2
7.5°	4299.2	4280.3	4154.2	3788.6	3448.2	3120.4	2862.0	2641.3	2458.5	2376.6	2282.0
10°	4047.1	4015.6	3851.7	3448.2	3006.9	2679.1	2508.9	2357.6	2200.0	2067.7	1929.0
12.5°	3889.5	3851.7	3681.5	3208.7	2780.0	2534.2	2357.6	2187.4	1992.0	1828.1	1676.8
15°	3895.8	3851.7	3643.6	3145.6	2723.3	2408.1	2162.2	1929.0	1702.0	1519.2	1349.0
17.5°	4078.6	4021.9	3801.2	3233.9	2679.1	2244.2	1916.4	1613.8	1355.3	1159.9	1021.2
20°	4406.4	4368.6	4116.4	3366.3	2635.0	2067.7	1664.2	1298.6	1027.5	876.2	819.5
22.5°	4898.1	4854.0	4582.9	3568.0	2622.4	1910.1	1393.2	1021.2	825.8	762.8	731.2
25°	5465.4	5383.5	5131.3	3908.4	2647.6	1765.1	1172.5	844.7	737.6	693.4	674.5
27.5°	5957.1	5906.7	5623.0	4229.9	2660.2	1651.6	1021.2	769.1	687.1	649.3	636.7
30°	6329.1	6310.2	6032.8	4582.9	2628.7	1512.9	926.7	737.6	687.1	649.3	611.5
32.5°	6701.0	6707.3	6411.0	4854.0	2584.6	1393.2	838.4	655.6	605.2	580.0	586.3
35°	7085.5	7117.1	6864.9	5118.7	2490.0	1349.0	775.4	611.5	567.3	529.5	510.6
37.5°	7570.9	7652.9	7407.0	5415.0	2395.5	1311.2	743.9	580.0	535.8	504.3	479.1
40°	7961.8	8113.1	7968.1	5692.4	2332.4	1267.1	718.6	548.4	516.9	479.1	460.2
42.5°	8251.8	8428.3	8377.8	5906.7	2332.4	1222.9	693.4	529.5	504.3	460.2	435.0
45°	8503.9	8686.7	8680.4	6127.4	2382.9	1197.7	661.9	529.5	491.7	447.6	422.4
47.5°	8730.8	8913.7	8976.7	6404.7	2464.8	1185.1	624.1	516.9	491.7	441.3	403.4
50°	8976.7	9178.4	9367.5	6846.0	2565.7	1153.6	598.9	498.0	498.0	435.0	390.8
52.5°	9291.9	9518.8	9865.5	7394.4	2666.5	1096.9	561.0	485.4	498.0	428.7	378.2
55°	9802.5	9991.6	10445.5	8050.0	2792.6	1027.5	529.5	453.9	472.8	409.8	359.3
57.5°	10376.2	10540.1	10918.3	8554.3	2830.4	939.3	485.4	422.4	453.9	390.8	334.1
60°	11082.2	11164.1	11164.1	8699.3	2704.4	857.3	453.9	397.1	409.8	371.9	315.2
62.5°	11529.8	11529.8	11164.1	8434.6	2464.8	788.0	428.7	371.9	359.3	346.7	296.3
65°	11498.2	11447.8	10905.7	7665.5	2187.4	743.9	403.4	340.4	321.5	315.2	277.4
67.5°	10968.7	10880.5	10142.9	6581.2	1897.5	724.9	378.2	308.9	296.3	283.7	252.2
70°	9846.6	9619.7	8711.9	5295.2	1613.8	712.3	371.9	283.7	271.1	258.5	233.2
72.5°	8220.2	7930.3	6801.9	4072.3	1355.3	668.2	353.0	252.2	245.9	233.2	208.0
75°	6272.3	5736.5	4746.8	3114.1	1052.7	580.0	302.6	220.6	220.6	214.3	189.1
77.5°	4324.4	4047.1	3309.5	2300.9	769.1	447.6	245.9	195.4	195.4	201.7	176.5
80°	3057.4	2798.9	2357.6	1651.6	485.4	302.6	189.1	163.9	182.8	195.4	163.9
82.5°	2338.7	2149.6	1752.5	1204.0	283.7	208.0	145.0	132.4	157.6	170.2	138.7
85°	1626.4	1399.5	888.8	806.9	163.9	126.1	107.2	107.2	138.7	170.2	126.1
87.5°	460.2	195.4	56.7	239.5	69.3	50.4	37.8	25.2	37.8	37.8	25.2
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°	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0
2.5°	3908.4	3870.6	3870.6	3858.0	3864.3	3870.6	3864.3	3908.4	3927.3	3952.5	4003.0
5°	3000.6	3051.1	3013.2	3051.1	3101.5	3177.1	3196.1	3252.8	3259.1	3303.2	3278.0
7.5°	2225.3	2219.0	2187.4	2231.6	2370.3	2477.4	2527.8	2559.4	2565.7	2565.7	2534.2
10°	1884.9	1828.1	1771.4	1739.9	1752.5	1865.9	1903.8	1922.7	1910.1	1929.0	1903.8
12.5°	1613.8	1563.4	1481.4	1424.7	1386.8	1418.4	1456.2	1475.1	1487.7	1519.2	1544.4
15°	1311.2	1260.8	1210.3	1178.8	1147.3	1122.1	1153.6	1172.5	1204.0	1229.3	1241.9
17.5°	996.0	970.8	945.6	964.5	964.5	951.9	964.5	970.8	983.4	1002.3	996.0
20°	806.9	800.6	794.3	825.8	851.0	851.0	863.6	844.7	838.4	819.5	813.2
22.5°	718.6	718.6	724.9	750.2	775.4	788.0	788.0	756.5	724.9	712.3	718.6
25°	668.2	668.2	687.1	693.4	706.0	706.0	712.3	680.8	661.9	643.0	649.3
27.5°	630.4	630.4	636.7	636.7	643.0	643.0	649.3	636.7	611.5	605.2	605.2
30°	605.2	605.2	598.9	598.9	598.9	598.9	605.2	586.3	573.7	567.3	567.3
32.5°	580.0	573.7	567.3	567.3	561.0	561.0	567.3	548.4	542.1	542.1	542.1
35°	504.3	498.0	504.3	516.9	516.9	523.2	523.2	516.9	504.3	491.7	485.4
37.5°	472.8	466.5	466.5	466.5	479.1	485.4	491.7	479.1	460.2	441.3	441.3
40°	447.6	447.6	441.3	441.3	441.3	453.9	466.5	447.6	422.4	416.1	416.1
42.5°	428.7	422.4	416.1	409.8	403.4	422.4	435.0	409.8	397.1	397.1	397.1
45°	409.8	403.4	397.1	390.8	384.5	390.8	403.4	378.2	371.9	371.9	371.9
47.5°	390.8	384.5	371.9	365.6	359.3	359.3	371.9	353.0	346.7	353.0	353.0
50°	378.2	365.6	353.0	346.7	340.4	340.4	340.4	334.1	334.1	334.1	340.4
52.5°	365.6	353.0	334.1	327.8	321.5	321.5	321.5	321.5	315.2	321.5	327.8
55°	346.7	334.1	321.5	315.2	308.9	302.6	308.9	302.6	302.6	308.9	308.9
57.5°	321.5	308.9	296.3	296.3	290.0	290.0	296.3	290.0	290.0	296.3	296.3
60°	302.6	290.0	277.4	277.4	271.1	277.4	283.7	277.4	277.4	277.4	283.7
62.5°	277.4	271.1	258.5	258.5	258.5	258.5	264.8	258.5	264.8	264.8	264.8
65°	258.5	245.9	239.5	239.5	239.5	239.5	252.2	239.5	245.9	245.9	245.9
67.5°	239.5	226.9	220.6	220.6	220.6	220.6	233.2	220.6	226.9	233.2	226.9
70°	220.6	208.0	201.7	201.7	201.7	201.7	208.0	201.7	201.7	208.0	208.0
72.5°	195.4	189.1	182.8	182.8	176.5	182.8	189.1	182.8	182.8	182.8	182.8
75°	176.5	170.2	170.2	163.9	163.9	163.9	170.2	157.6	157.6	157.6	157.6
77.5°	163.9	151.3	151.3	151.3	145.0	151.3	145.0	132.4	132.4	132.4	132.4
80°	138.7	126.1	132.4	132.4	126.1	126.1	119.8	107.2	107.2	107.2	107.2
82.5°	113.5	100.9	107.2	107.2	107.2	107.2	94.6	88.3	82.0	75.6	75.6
85°	100.9	82.0	94.6	94.6	88.3	88.3	63.0	63.0	50.4	50.4	44.1
87.5°	18.9	12.6	25.2	31.5	31.5	37.8	25.2	31.5	18.9	12.6	12.6
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°	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0
2.5°	3996.6	4066.0	4160.5	4229.9	4337.1	4419.0	4545.1	4652.2	4753.1	4797.2	4841.4
5°	3353.7	3397.8	3542.8	3656.2	3826.4	4009.3	4236.2	4482.0	4734.2	4847.7	4980.1
7.5°	2508.9	2590.9	2672.8	2836.7	3044.8	3341.0	3631.0	3996.6	4349.7	4519.9	4746.8
10°	1947.9	2010.9	2105.5	2275.7	2471.1	2717.0	3063.7	3498.6	3921.0	4141.6	4374.9
12.5°	1563.4	1651.6	1777.7	1954.2	2181.1	2433.3	2685.4	3088.9	3580.6	3832.7	4097.5
15°	1267.1	1336.4	1475.1	1695.7	1960.5	2219.0	2483.7	2817.8	3353.7	3643.6	3958.8
17.5°	1008.6	1059.0	1185.1	1405.8	1670.5	1960.5	2263.1	2685.4	3278.0	3631.0	4003.0
20°	819.5	857.3	939.3	1103.2	1355.3	1670.5	2048.8	2559.4	3322.1	3776.0	4229.9
22.5°	718.6	731.2	769.1	857.3	1065.4	1399.5	1853.3	2452.2	3404.1	3990.3	4601.8
25°	649.3	661.9	674.5	731.2	851.0	1166.2	1683.1	2389.2	3580.6	4305.5	5030.5
27.5°	605.2	617.8	624.1	649.3	731.2	996.0	1538.1	2351.3	3820.1	4765.7	5560.0
30°	567.3	567.3	586.3	624.1	680.8	876.2	1412.1	2263.1	4072.3	5150.3	5976.1
32.5°	535.8	542.1	567.3	586.3	624.1	775.4	1286.0	2149.6	4299.2	5465.4	6385.8
35°	479.1	479.1	485.4	516.9	567.3	693.4	1172.5	2036.1	4425.3	5774.3	6751.4
37.5°	441.3	447.6	460.2	485.4	529.5	636.7	1078.0	1910.1	4557.7	6064.3	7180.1
40°	416.1	422.4	435.0	460.2	504.3	586.3	996.0	1809.2	4696.4	6379.5	7640.3
42.5°	397.1	403.4	416.1	441.3	479.1	573.7	907.8	1727.3	4778.3	6669.5	8075.2
45°	378.2	384.5	403.4	428.7	460.2	561.0	857.3	1670.5	4809.8	6864.9	8422.0
47.5°	359.3	365.6	384.5	422.4	460.2	542.1	838.4	1639.0	4835.1	7085.5	8699.3
50°	340.4	353.0	378.2	416.1	466.5	516.9	825.8	1632.7	4980.1	7369.2	8964.1
52.5°	327.8	346.7	371.9	416.1	460.2	479.1	819.5	1651.6	5270.0	7791.6	9342.3
55°	315.2	334.1	359.3	416.1	441.3	447.6	788.0	1683.1	5711.3	8377.8	9878.2
57.5°	302.6	315.2	346.7	403.4	416.1	422.4	724.9	1727.3	6152.6	8951.5	10426.6
60°	283.7	296.3	327.8	403.4	378.2	397.1	643.0	1739.9	6467.8	9134.3	10477.0
62.5°	264.8	277.4	308.9	416.1	346.7	371.9	573.7	1695.7	6530.8	8869.5	10193.3
65°	245.9	258.5	283.7	346.7	321.5	346.7	529.5	1576.0	6322.8	8264.4	9676.4
67.5°	226.9	239.5	258.5	283.7	290.0	315.2	510.6	1386.8	5799.6	7514.2	8970.4
70°	201.7	214.3	233.2	252.2	258.5	296.3	479.1	1204.0	4954.8	6511.9	8106.8
72.5°	182.8	189.1	208.0	220.6	233.2	271.1	460.2	1052.7	3788.6	5270.0	6612.8
75°	157.6	157.6	176.5	189.1	201.7	239.5	422.4	876.2	2672.8	4021.9	4860.3
77.5°	132.4	132.4	145.0	157.6	170.2	208.0	359.3	712.3	1853.3	3189.8	3523.9
80°	100.9	100.9	113.5	126.1	138.7	176.5	290.0	523.2	1147.3	2332.4	2565.7
82.5°	69.3	69.3	88.3	94.6	100.9	138.7	220.6	359.3	674.5	1683.1	1834.4
85°	37.8	37.8	50.4	56.7	69.3	100.9	163.9	252.2	403.4	1216.6	1222.9
87.5°	6.3	6.3	18.9	18.9	31.5	50.4	94.6	138.7	226.9	674.5	428.7
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: P598623
 CATALOG NUMBER: IFLD-S-SA3C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0	4501.0
2.5°	4923.3	4992.7	4999.0	4999.0	4967.4	4973.7	4885.5	4790.9	4759.4	4753.1
5°	5181.8	5364.6	5415.0	5440.2	5358.3	5232.2	5005.3	4759.4	4633.3	4614.4
7.5°	5131.3	5497.0	5692.4	5717.6	5553.7	5257.4	4860.3	4482.0	4337.1	4299.2
10°	4835.1	5326.8	5679.8	5768.0	5591.5	5213.3	4696.4	4255.1	4078.6	4047.1
12.5°	4627.0	5099.8	5446.5	5566.3	5484.4	5156.6	4614.4	4110.1	3933.6	3889.5
15°	4513.6	4948.5	5175.5	5213.3	5207.0	5068.3	4614.4	4141.6	3946.2	3895.8
17.5°	4608.1	4904.4	4935.9	4847.7	4898.1	4967.4	4715.3	4311.8	4122.7	4078.6
20°	4797.2	4885.5	4734.2	4601.8	4627.0	4847.7	4872.9	4633.3	4482.0	4406.4
22.5°	5194.4	4954.8	4608.1	4425.3	4444.2	4753.1	5080.9	5068.3	4935.9	4898.1
25°	5597.8	5150.3	4570.3	4356.0	4381.2	4734.2	5326.8	5553.7	5484.4	5465.4
27.5°	6045.4	5478.1	4595.5	4324.4	4356.0	4759.4	5497.0	5963.5	5976.1	5957.1
30°	6348.0	5635.7	4671.2	4362.3	4406.4	4822.5	5534.8	6209.3	6322.8	6329.1
32.5°	6600.1	5793.2	4828.8	4425.3	4501.0	4935.9	5635.7	6442.5	6694.7	6701.0
35°	6801.9	5969.8	5024.2	4538.8	4652.2	5125.0	5768.0	6663.2	7041.4	7085.5
37.5°	7060.3	6165.2	5251.1	4784.6	4910.7	5396.1	6001.3	6921.6	7451.2	7570.9
40°	7337.7	6360.6	5578.9	5181.8	5364.6	5799.6	6266.0	7211.6	7797.9	7961.8
42.5°	7646.6	6568.6	5950.8	5717.6	5995.0	6310.2	6568.6	7476.4	8062.6	8251.8
45°	7949.2	6820.8	6493.0	6448.9	6757.7	6915.3	6864.9	7665.5	8314.8	8503.9
47.5°	8163.5	7186.4	7148.6	7413.3	7703.3	7621.4	7211.6	7804.2	8522.8	8730.8
50°	8358.9	7640.3	7974.4	8491.3	8667.8	8390.4	7583.5	7993.3	8743.5	8976.7
52.5°	8648.9	8125.7	8825.4	9468.4	9638.6	9197.3	7987.0	8302.2	9083.9	9291.9
55°	9241.5	8674.1	9714.3	10451.8	10483.3	9934.9	8529.1	8825.4	9563.0	9802.5
57.5°	9903.4	9348.6	10420.3	11265.0	11252.4	10672.4	9140.6	9531.4	10212.3	10376.2
60°	10502.2	10029.4	11189.4	11845.0	11813.4	11208.3	9852.9	10332.0	10956.1	11082.2
62.5°	10855.2	10647.2	11529.8	12027.8	11908.0	11384.8	10458.1	11044.4	11485.6	11529.8
65°	10798.5	11000.2	11132.6	11441.5	11271.3	10893.1	10754.4	11498.2	11542.4	11498.2
67.5°	10369.9	10798.5	10042.1	10073.6	9985.3	9663.8	10294.2	11378.5	11075.9	10968.7
70°	9720.6	9752.1	8396.7	7999.6	8138.3	7697.0	8831.7	10445.5	9979.0	9846.6
72.5°	8642.6	8251.8	6348.0	5944.5	6152.6	5837.4	7085.5	9102.8	8648.9	8220.2
75°	7249.4	6537.1	4835.1	4261.4	4368.6	4356.0	5490.7	7520.5	6701.0	6272.3
77.5°	5616.7	5093.5	3568.0	3347.4	3233.9	3259.1	3832.7	5591.5	4860.3	4324.4
80°	4103.8	3561.7	2761.1	2887.2	2824.1	2672.8	2685.4	3744.5	3378.9	3057.4
82.5°	2836.7	2534.2	2237.9	2527.8	2376.6	2143.3	2092.9	2698.1	2534.2	2338.7
85°	1903.8	2086.6	1777.7	1935.3	1676.8	1544.4	1966.8	2256.8	1821.8	1626.4
87.5°	1241.9	1910.1	1279.7	970.8	554.7	743.9	1204.0	1481.4	851.0	460.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)