

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: P598627

Luminaire Tested: **IFLD-S-SA6B-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: P598627
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

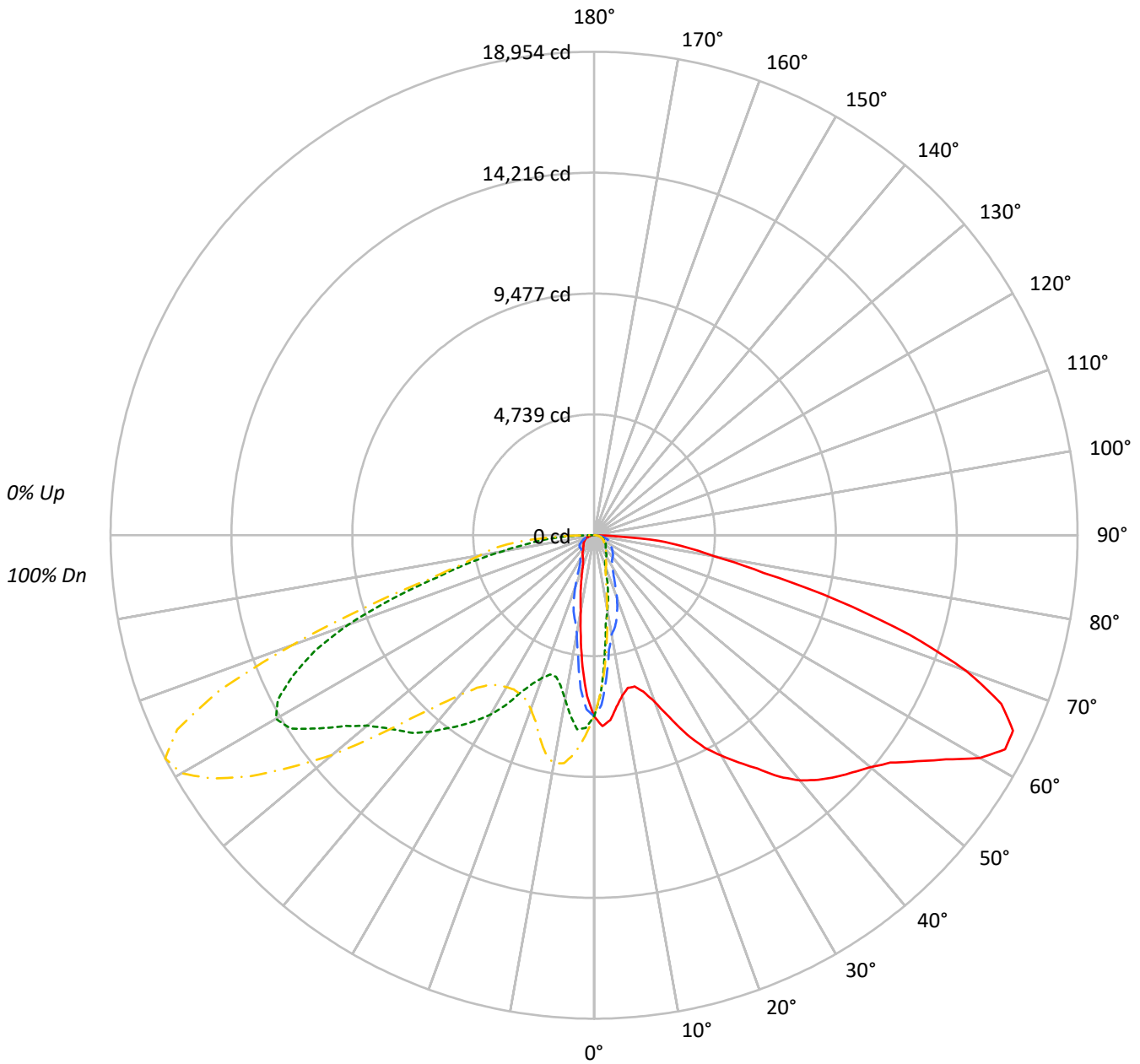
Lumens per Lamp: N/A
 Luminaire Lumens: 23744.3 lumens
 Efficiency: N/A
 Efficacy: 97.0 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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				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°	50898	50898	50898	50898
5°	52381	34062	37210	55028
10°	46471	21644	21861	47557
15°	45609	15351	14539	42656
20°	53026	9710	9786	45440
25°	68193	8337	8101	53721
30°	82643	7902	7409	67250
35°	97815	6962	6701	79714
40°	117531	6607	6141	94174
45°	135997	6553	5948	109786
50°	157923	6654	5988	129643
55°	193259	6836	6090	165171
60°	250640	6843	6415	206585
65°	307664	6916	6578	221134
70°	325559	7295	6878	215303
75°	274049	7713	6884	175723
80°	199102	9029	6980	151893
85°	211024	13083	5722	157860

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	548.9	2.3
10°-20°	1148.8	4.8
20°-30°	1655.6	7.0
30°-40°	2383.4	10.0
40°-50°	3385.4	14.3
50°-60°	4867.3	20.5
60°-70°	5623.3	23.7
70°-80°	3184.0	13.4
80°-90°	947.6	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°	3353.3	14.1
0°-40°	5736.7	24.2
0°-60°	13989.4	58.9
0°-90°	23744.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23744.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7093	7093	7093	7093	7093	
5°	7272	4729	5166	7639	7272	660
15°	6139	2066	1957	5742	6139	1805
25°	8613	1053	1023	6785	8613	3998
35°	11166	795	765	9100	11166	7086
45°	13401	646	586	10818	13401	10377
55°	15447	546	487	13202	15447	13990
65°	18120	407	387	13023	18120	17375
75°	9884	278	248	6338	9884	10488
85°	2563	159	70	1917	2563	2552
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°	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8
2.5°	7490.2	7480.3	7420.7	7231.9	7033.2	6844.5	6665.7	6476.9	6377.6	6258.4	6208.7
5°	7271.7	7251.8	7082.9	6665.7	6298.1	5900.8	5563.0	5294.8	5076.3	4857.7	4778.2
7.5°	6775.0	6745.2	6546.5	5970.3	5433.9	4917.3	4510.0	4162.3	3874.2	3745.1	3596.1
10°	6377.6	6327.9	6069.6	5433.9	4738.5	4221.9	3953.7	3715.3	3467.0	3258.3	3039.8
12.5°	6129.3	6069.6	5801.4	5056.4	4380.9	3993.5	3715.3	3447.1	3139.1	2880.8	2642.4
15°	6139.2	6069.6	5741.8	4957.0	4291.5	3794.8	3407.3	3039.8	2682.2	2394.1	2125.9
17.5°	6427.3	6337.9	5990.2	5096.1	4221.9	3536.5	3019.9	2543.1	2135.8	1827.8	1609.3
20°	6943.8	6884.2	6486.9	5304.7	4152.4	3258.3	2622.6	2046.4	1619.2	1380.8	1291.4
22.5°	7718.7	7649.1	7222.0	5622.6	4132.5	3010.0	2195.4	1609.3	1301.3	1202.0	1152.3
25°	8612.7	8483.6	8086.2	6159.1	4172.3	2781.5	1847.7	1331.2	1162.3	1092.7	1062.9
27.5°	9387.6	9308.1	8861.1	6665.7	4192.1	2602.7	1609.3	1211.9	1082.8	1023.2	1003.3
30°	9973.7	9943.9	9506.8	7222.0	4142.5	2384.1	1460.3	1162.3	1082.8	1023.2	963.6
32.5°	10559.8	10569.7	10102.8	7649.1	4072.9	2195.4	1321.2	1033.1	953.7	913.9	923.9
35°	11165.8	11215.4	10818.1	8066.4	3923.9	2125.9	1221.9	963.6	894.1	834.5	804.7
37.5°	11930.7	12059.8	11672.4	8533.3	3774.9	2066.3	1172.2	913.9	844.4	794.7	755.0
40°	12546.6	12785.0	12556.5	8970.4	3675.6	1996.7	1132.5	864.3	814.6	755.0	725.2
42.5°	13003.5	13281.7	13202.2	9308.1	3675.6	1927.2	1092.7	834.5	794.7	725.2	685.4
45°	13400.9	13689.0	13679.1	9655.8	3755.0	1887.5	1043.1	834.5	774.8	705.3	665.6
47.5°	13758.5	14046.6	14146.0	10092.9	3884.2	1867.6	983.5	814.6	774.8	695.4	635.8
50°	14146.0	14463.8	14761.9	10788.3	4043.1	1817.9	943.7	784.8	784.8	685.4	615.9
52.5°	14642.7	15000.3	15546.6	11652.5	4202.1	1728.5	884.1	764.9	784.8	675.5	596.0
55°	15447.3	15745.3	16460.6	12685.7	4400.7	1619.2	834.5	715.2	745.0	645.7	566.2
57.5°	16351.3	16609.6	17205.6	13480.4	4460.3	1480.2	764.9	665.6	715.2	615.9	526.5
60°	17463.9	17593.0	17593.0	13708.9	4261.7	1351.0	715.2	625.8	645.7	586.1	496.7
62.5°	18169.2	18169.2	17593.0	13291.6	3884.2	1241.7	675.5	586.1	566.2	546.4	466.9
65°	18119.5	18040.1	17185.7	12079.7	3447.1	1172.2	635.8	536.4	506.6	496.7	437.1
67.5°	17285.1	17146.0	15983.7	10371.1	2990.1	1142.4	596.0	486.8	466.9	447.0	397.4
70°	15516.8	15159.2	13728.7	8344.5	2543.1	1122.5	586.1	447.0	427.2	407.3	367.6
72.5°	12953.9	12496.9	10718.7	6417.3	2135.8	1053.0	556.3	397.4	387.4	367.6	327.8
75°	9884.3	9039.9	7480.3	4907.4	1659.0	913.9	476.8	347.7	347.7	337.8	298.0
77.5°	6814.7	6377.6	5215.3	3625.9	1211.9	705.3	387.4	308.0	308.0	317.9	278.2
80°	4818.0	4410.7	3715.3	2602.7	764.9	476.8	298.0	258.3	288.1	308.0	258.3
82.5°	3685.5	3387.5	2761.6	1897.4	447.0	327.8	228.5	208.6	248.3	268.2	218.5
85°	2563.0	2205.3	1400.7	1271.5	258.3	198.7	168.9	168.9	218.5	268.2	198.7
87.5°	725.2	308.0	89.4	377.5	109.3	79.5	59.6	39.7	59.6	59.6	39.7
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°	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8
2.5°	6159.1	6099.4	6099.4	6079.6	6089.5	6099.4	6089.5	6159.1	6188.9	6228.6	6308.1
5°	4728.6	4808.0	4748.4	4808.0	4887.5	5006.7	5036.5	5125.9	5135.9	5205.4	5165.7
7.5°	3506.7	3496.8	3447.1	3516.6	3735.2	3904.0	3983.5	4033.2	4043.1	4043.1	3993.5
10°	2970.3	2880.8	2791.4	2741.8	2761.6	2940.5	3000.1	3029.9	3010.0	3039.8	3000.1
12.5°	2543.1	2463.6	2334.5	2245.1	2185.5	2235.1	2294.7	2324.5	2344.4	2394.1	2433.8
15°	2066.3	1986.8	1907.3	1857.6	1808.0	1768.2	1817.9	1847.7	1897.4	1937.1	1957.0
17.5°	1569.6	1529.8	1490.1	1519.9	1519.9	1500.0	1519.9	1529.8	1549.7	1579.5	1569.6
20°	1271.5	1261.6	1251.7	1301.3	1341.1	1341.1	1361.0	1331.2	1321.2	1291.4	1281.5
22.5°	1132.5	1132.5	1142.4	1182.1	1221.9	1241.7	1241.7	1192.1	1142.4	1122.5	1132.5
25°	1053.0	1053.0	1082.8	1092.7	1112.6	1112.6	1122.5	1072.9	1043.1	1013.3	1023.2
27.5°	993.4	993.4	1003.3	1003.3	1013.3	1013.3	1023.2	1003.3	963.6	953.7	953.7
30°	953.7	953.7	943.7	943.7	943.7	943.7	953.7	923.9	904.0	894.1	894.1
32.5°	913.9	904.0	894.1	894.1	884.1	884.1	894.1	864.3	854.3	854.3	854.3
35°	794.7	784.8	794.7	814.6	814.6	824.5	824.5	814.6	794.7	774.8	764.9
37.5°	745.0	735.1	735.1	735.1	755.0	764.9	774.8	755.0	725.2	695.4	695.4
40°	705.3	705.3	695.4	695.4	695.4	715.2	735.1	705.3	665.6	655.6	655.6
42.5°	675.5	665.6	655.6	645.7	635.8	665.6	685.4	645.7	625.8	625.8	625.8
45°	645.7	635.8	625.8	615.9	606.0	615.9	635.8	596.0	586.1	586.1	586.1
47.5°	615.9	606.0	586.1	576.2	566.2	566.2	586.1	556.3	546.4	556.3	556.3
50°	596.0	576.2	556.3	546.4	536.4	536.4	536.4	526.5	526.5	526.5	536.4
52.5°	576.2	556.3	526.5	516.6	506.6	506.6	506.6	506.6	496.7	506.6	516.6
55°	546.4	526.5	506.6	496.7	486.8	476.8	486.8	476.8	476.8	486.8	486.8
57.5°	506.6	486.8	466.9	466.9	457.0	457.0	466.9	457.0	457.0	466.9	466.9
60°	476.8	457.0	437.1	437.1	427.2	437.1	447.0	437.1	437.1	437.1	447.0
62.5°	437.1	427.2	407.3	407.3	407.3	407.3	417.2	407.3	417.2	417.2	417.2
65°	407.3	387.4	377.5	377.5	377.5	377.5	397.4	377.5	387.4	387.4	387.4
67.5°	377.5	357.6	347.7	347.7	347.7	347.7	367.6	347.7	357.6	367.6	357.6
70°	347.7	327.8	317.9	317.9	317.9	317.9	327.8	317.9	317.9	327.8	327.8
72.5°	308.0	298.0	288.1	288.1	278.2	288.1	298.0	288.1	288.1	288.1	288.1
75°	278.2	268.2	268.2	258.3	258.3	258.3	268.2	248.3	248.3	248.3	248.3
77.5°	258.3	238.4	238.4	238.4	228.5	238.4	228.5	208.6	208.6	208.6	208.6
80°	218.5	198.7	208.6	208.6	198.7	198.7	188.7	168.9	168.9	168.9	168.9
82.5°	178.8	158.9	168.9	168.9	168.9	168.9	149.0	139.1	129.1	119.2	119.2
85°	158.9	129.1	149.0	149.0	139.1	139.1	99.3	99.3	79.5	79.5	69.5
87.5°	29.8	19.9	39.7	49.7	49.7	59.6	39.7	49.7	29.8	19.9	19.9
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°	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8
2.5°	6298.1	6407.4	6556.4	6665.7	6834.6	6963.7	7162.4	7331.3	7490.2	7559.7	7629.3
5°	5284.9	5354.4	5582.9	5761.7	6029.9	6318.0	6675.6	7063.0	7460.4	7639.2	7847.8
7.5°	3953.7	4082.9	4212.0	4470.3	4798.1	5265.0	5722.0	6298.1	6854.4	7122.6	7480.3
10°	3069.6	3168.9	3317.9	3586.2	3894.1	4281.5	4827.9	5513.3	6178.9	6526.6	6894.2
12.5°	2463.6	2602.7	2801.4	3079.5	3437.1	3834.5	4231.9	4867.6	5642.5	6039.8	6457.1
15°	1996.7	2106.0	2324.5	2672.2	3089.5	3496.8	3914.0	4440.5	5284.9	5741.8	6238.5
17.5°	1589.4	1668.9	1867.6	2215.3	2632.5	3089.5	3566.3	4231.9	5165.7	5722.0	6308.1
20°	1291.4	1351.0	1480.2	1738.4	2135.8	2632.5	3228.5	4033.2	5235.2	5950.4	6665.7
22.5°	1132.5	1152.3	1211.9	1351.0	1678.8	2205.3	2920.6	3864.3	5364.3	6288.2	7251.8
25°	1023.2	1043.1	1062.9	1152.3	1341.1	1837.8	2652.4	3765.0	5642.5	6784.9	7927.3
27.5°	953.7	973.5	983.5	1023.2	1152.3	1569.6	2423.9	3705.4	6020.0	7510.1	8761.7
30°	894.1	894.1	923.9	983.5	1072.9	1380.8	2225.2	3566.3	6417.3	8116.0	9417.4
32.5°	844.4	854.3	894.1	923.9	983.5	1221.9	2026.5	3387.5	6775.0	8612.7	10063.1
35°	755.0	755.0	764.9	814.6	894.1	1092.7	1847.7	3208.7	6973.6	9099.5	10639.3
37.5°	695.4	705.3	725.2	764.9	834.5	1003.3	1698.7	3010.0	7182.3	9556.5	11314.8
40°	655.6	665.6	685.4	725.2	794.7	923.9	1569.6	2851.0	7400.8	10053.2	12040.0
42.5°	625.8	635.8	655.6	695.4	755.0	904.0	1430.5	2721.9	7529.9	10510.1	12725.4
45°	596.0	606.0	635.8	675.5	725.2	884.1	1351.0	2632.5	7579.6	10818.1	13271.8
47.5°	566.2	576.2	606.0	665.6	725.2	854.3	1321.2	2582.8	7619.3	11165.8	13708.9
50°	536.4	556.3	596.0	655.6	735.1	814.6	1301.3	2572.9	7847.8	11612.8	14126.1
52.5°	516.6	546.4	586.1	655.6	725.2	755.0	1291.4	2602.7	8304.8	12278.4	14722.1
55°	496.7	526.5	566.2	655.6	695.4	705.3	1241.7	2652.4	9000.2	13202.2	15566.5
57.5°	476.8	496.7	546.4	635.8	655.6	665.6	1142.4	2721.9	9695.5	14106.2	16430.8
60°	447.0	466.9	516.6	635.8	596.0	625.8	1013.3	2741.8	10192.2	14394.3	16510.2
62.5°	417.2	437.1	486.8	655.6	546.4	586.1	904.0	2672.2	10291.6	13977.1	16063.2
65°	387.4	407.3	447.0	546.4	506.6	546.4	834.5	2483.5	9963.8	13023.4	15248.6
67.5°	357.6	377.5	407.3	447.0	457.0	496.7	804.7	2185.5	9139.2	11841.3	14136.0
70°	317.9	337.8	367.6	397.4	407.3	466.9	755.0	1897.4	7808.1	10261.8	12775.1
72.5°	288.1	298.0	327.8	347.7	367.6	427.2	725.2	1659.0	5970.3	8304.8	10420.7
75°	248.3	248.3	278.2	298.0	317.9	377.5	665.6	1380.8	4212.0	6337.9	7659.1
77.5°	208.6	208.6	228.5	248.3	268.2	327.8	566.2	1122.5	2920.6	5026.6	5553.1
80°	158.9	158.9	178.8	198.7	218.5	278.2	457.0	824.5	1808.0	3675.6	4043.1
82.5°	109.3	109.3	139.1	149.0	158.9	218.5	347.7	566.2	1062.9	2652.4	2890.8
85°	59.6	59.6	79.5	89.4	109.3	158.9	258.3	397.4	635.8	1917.3	1927.2
87.5°	9.9	9.9	29.8	29.8	49.7	79.5	149.0	218.5	357.6	1062.9	675.5
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: P598627
 CATALOG NUMBER: IFLD-S-SA6B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8	7092.8
2.5°	7758.4	7867.7	7877.6	7877.6	7828.0	7837.9	7698.8	7549.8	7500.1	7490.2
5°	8165.7	8453.8	8533.3	8573.0	8443.9	8245.2	7887.6	7500.1	7301.5	7271.7
7.5°	8086.2	8662.4	8970.4	9010.1	8751.8	8284.9	7659.1	7063.0	6834.6	6775.0
10°	7619.3	8394.2	8950.5	9089.6	8811.4	8215.4	7400.8	6705.4	6427.3	6377.6
12.5°	7291.5	8036.6	8582.9	8771.7	8642.5	8126.0	7271.7	6476.9	6198.8	6129.3
15°	7112.7	7798.2	8155.8	8215.4	8205.4	7986.9	7271.7	6526.6	6218.7	6139.2
17.5°	7261.7	7728.6	7778.3	7639.2	7718.7	7828.0	7430.6	6794.8	6496.8	6427.3
20°	7559.7	7698.8	7460.4	7251.8	7291.5	7639.2	7678.9	7301.5	7063.0	6943.8
22.5°	8185.6	7808.1	7261.7	6973.6	7003.4	7490.2	8006.8	7986.9	7778.3	7718.7
25°	8821.4	8116.0	7202.1	6864.4	6904.1	7460.4	8394.2	8751.8	8642.5	8612.7
27.5°	9526.7	8632.6	7241.9	6814.7	6864.4	7500.1	8662.4	9397.5	9417.4	9387.6
30°	10003.5	8881.0	7361.1	6874.3	6943.8	7599.5	8722.0	9784.9	9963.8	9973.7
32.5°	10400.9	9129.3	7609.4	6973.6	7092.8	7778.3	8881.0	10152.5	10549.9	10559.8
35°	10718.7	9407.5	7917.4	7152.4	7331.3	8076.3	9089.6	10500.2	11096.2	11165.8
37.5°	11126.0	9715.4	8275.0	7539.9	7738.6	8503.5	9457.1	10907.5	11741.9	11930.7
40°	11563.1	10023.4	8791.6	8165.7	8453.8	9139.2	9874.4	11364.4	12288.3	12546.6
42.5°	12049.9	10351.2	9377.7	9010.1	9447.2	9943.9	10351.2	11781.7	12705.5	13003.5
45°	12526.7	10748.5	10232.0	10162.4	10649.2	10897.5	10818.1	12079.7	13102.9	13400.9
47.5°	12864.5	11324.7	11265.1	11682.3	12139.3	12010.2	11364.4	12298.2	13430.7	13758.5
50°	13172.4	12040.0	12566.5	13381.0	13659.2	13222.1	11950.5	12596.3	13778.4	14146.0
52.5°	13629.4	12804.9	13907.5	14920.8	15189.0	14493.6	12586.3	13083.0	14314.8	14642.7
55°	14563.2	13669.1	15308.2	16470.5	16520.2	15655.9	13440.6	13907.5	15069.8	15447.3
57.5°	15606.2	14732.1	16420.8	17752.0	17732.1	16818.2	14404.2	15020.1	16093.0	16351.3
60°	16550.0	15804.9	17632.8	18665.9	18616.2	17662.6	15526.8	16281.8	17265.2	17463.9
62.5°	17106.3	16778.5	18169.2	18954.0	18765.2	17940.7	16480.4	17404.3	18099.7	18169.2
65°	17016.9	17334.8	17543.4	18030.1	17761.9	17165.9	16947.3	18119.5	18189.1	18119.5
67.5°	16341.4	17016.9	15824.8	15874.5	15735.4	15228.8	16222.2	17930.8	17454.0	17285.1
70°	15318.2	15367.8	13232.0	12606.2	12824.7	12129.4	13917.5	16460.6	15725.5	15516.8
72.5°	13619.5	13003.5	10003.5	9367.7	9695.5	9198.8	11165.8	14344.6	13629.4	12953.9
75°	11424.0	10301.5	7619.3	6715.4	6884.2	6864.4	8652.5	11851.2	10559.8	9884.3
77.5°	8851.2	8026.6	5622.6	5274.9	5096.1	5135.9	6039.8	8811.4	7659.1	6814.7
80°	6467.0	5612.7	4351.1	4549.8	4450.4	4212.0	4231.9	5900.8	5324.6	4818.0
82.5°	4470.3	3993.5	3526.6	3983.5	3745.1	3377.5	3298.1	4251.7	3993.5	3685.5
85°	3000.1	3288.1	2801.4	3049.7	2642.4	2433.8	3099.4	3556.4	2870.9	2563.0
87.5°	1957.0	3010.0	2016.6	1529.8	874.2	1172.2	1897.4	2334.5	1341.1	725.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)