

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: P599410

Luminaire Tested: **IFLD-S-SA6B-727-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599410
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-727-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

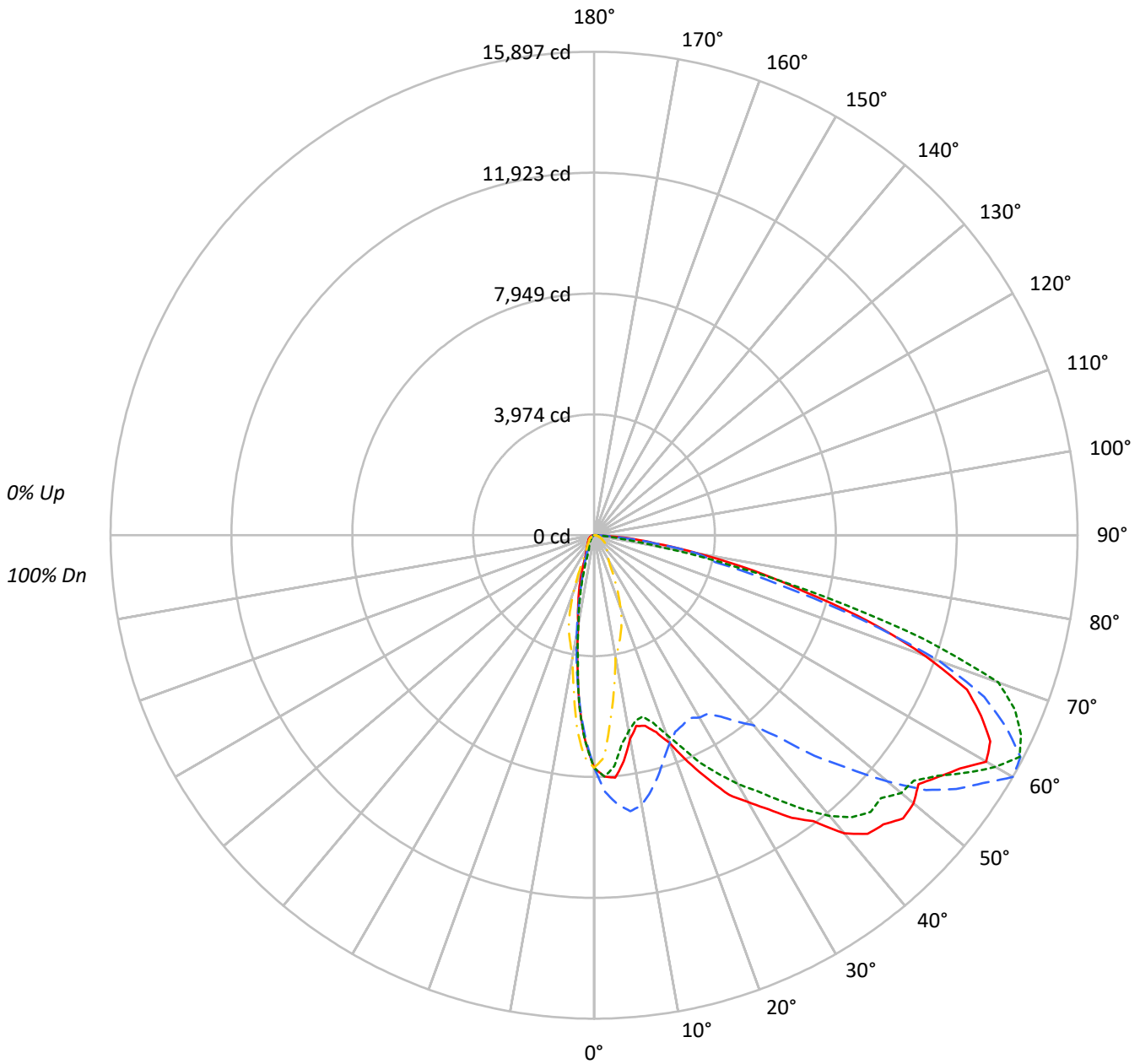
Lumens per Lamp: N/A
 Luminaire Lumens: 20331.9 lumens
 Efficiency: N/A
 Efficacy: 83.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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	100				100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	54858	54858	54858	54858
5°	57648	54872	40088	40323
10°	49572	47673	21917	21403
15°	48201	45821	14239	10729
20°	55559	53237	7629	3814
25°	69857	65344	4944	2966
30°	83904	78191	4004	2429
35°	99359	93224	3282	1950
40°	119878	112859	2899	1475
45°	136482	130531	2699	991
50°	153109	147169	2667	606
55°	173146	172535	2649	271
60°	213664	218728	2415	78
65°	238404	262928	2212	0
70°	243095	296750	2050	0
75°	197804	218878	1957	0
80°	143822	91542	2021	0
85°	92981	38442	2684	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	580.8	2.9
10°-20°	1138.8	5.6
20°-30°	1576.0	7.8
30°-40°	2227.3	11.0
40°-50°	3032.5	14.9
50°-60°	4016.3	19.8
60°-70°	4663.2	22.9
70°-80°	2640.8	13.0
80°-90°	456.3	2.2
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°	3295.6	16.2
0°-40°	5522.8	27.2
0°-60°	12571.6	61.8
0°-90°	20331.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20331.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7645	7645	7645	7645	7645	
5°	8003	7618	5565	5598	8003	719
15°	6488	6168	1917	1444	6488	1903
25°	8823	8253	624	375	8823	4115
35°	11342	10642	375	223	11342	7150
45°	13449	12862	266	98	13449	10427
55°	13840	13791	212	22	13840	12539
65°	14040	15485	130	0	14040	13687
75°	7134	7894	71	0	7134	7786
85°	1129	467	33	0	1129	1357
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7
2.5°	7943.3	8111.6	8117.0	8193.0	8269.0	8269.0	8448.2	8404.8	8247.3	8220.2	8106.2
5°	8003.0	8062.7	8106.2	8491.6	8817.4	8784.8	8882.6	8817.4	8513.4	8122.4	7856.4
7.5°	7487.2	7552.4	7726.1	8383.1	8822.8	8969.4	9154.0	8746.8	8426.5	7720.7	7210.3
10°	6803.1	6928.0	7248.3	7997.6	8540.5	9007.4	9007.4	8681.7	8062.7	7373.2	6748.8
12.5°	6423.0	6672.8	6846.5	7606.6	8312.5	8632.8	8622.0	8448.2	8046.4	7177.7	6471.9
15°	6488.2	6558.8	6928.0	7519.8	7986.7	7970.4	8165.9	8111.6	7829.3	7351.5	6575.1
17.5°	6786.8	6895.4	7215.7	7519.8	7742.4	7677.2	7671.8	7932.4	7948.7	7644.7	6960.5
20°	7275.5	7595.8	7747.8	7840.1	7568.6	7291.7	7259.2	7622.9	7905.3	8019.3	7422.0
22.5°	8057.3	8269.0	8578.5	8106.2	7400.3	7052.8	6987.7	7389.5	7959.6	8464.5	8019.3
25°	8822.8	8985.7	9284.3	8676.2	7590.4	7004.0	6890.0	7237.4	8165.9	9083.5	8741.4
27.5°	9631.8	9773.0	9805.6	9094.3	7693.5	6906.2	6770.5	7237.4	8339.6	9409.2	9604.7
30°	10125.9	10294.2	10326.8	9463.5	7861.8	6987.7	6922.5	7270.0	8459.1	9686.1	10223.6
32.5°	10679.7	10723.1	10696.0	9528.7	8046.4	7226.6	6955.1	7487.2	8594.8	10017.3	10788.3
35°	11342.1	11418.1	11141.2	9827.3	8459.1	7378.6	7280.9	7753.2	8828.3	10169.3	11472.4
37.5°	11847.0	12085.9	11461.6	9941.3	8540.5	7698.9	7715.2	8307.0	8991.2	10353.9	12227.1
40°	12797.2	12395.4	12004.5	10332.2	8850.0	8241.9	8155.0	8877.1	9539.5	10473.4	12721.2
42.5°	13318.4	13106.7	12216.2	10370.2	9327.8	8991.2	9012.9	9523.2	9827.3	10810.0	12856.9
45°	13448.7	13226.1	12504.0	10397.4	9800.1	9876.2	10250.8	10348.5	10250.8	11032.6	13112.1
47.5°	13779.9	13296.7	12471.4	10761.2	10565.7	10858.9	11336.7	11548.4	10826.3	10951.2	13231.5
50°	13714.8	13437.9	12400.8	10913.2	11499.6	12276.0	12596.3	12509.4	11467.0	10782.9	13101.2
52.5°	13443.3	13144.7	12618.0	11325.8	12373.7	13313.0	13758.2	13541.0	12037.1	11162.9	13014.4
55°	13839.6	13611.6	12900.4	11885.0	13030.7	14225.1	14540.0	14377.2	12737.5	11515.8	13508.5
57.5°	14268.6	14219.7	13665.9	12542.0	13807.1	15164.4	15164.4	14963.5	13345.6	12026.2	14241.4
60°	14887.5	14996.1	14230.6	12976.4	14073.1	15110.1	15897.4	15663.9	13959.1	12922.1	15072.1
62.5°	14686.6	15034.1	14958.1	13910.2	14377.2	15376.2	15805.1	15978.8	14719.2	14013.4	16179.7
65°	14040.5	14409.7	14952.7	14523.8	14149.1	14730.1	14947.3	15473.9	15099.3	15039.6	16635.8
67.5°	13269.6	13671.3	14008.0	14936.4	13687.6	14073.1	13883.1	14051.4	14686.6	16163.4	16896.4
70°	11586.4	11971.9	12504.0	14018.8	12466.0	12118.5	12069.6	11988.2	12976.4	15761.7	15712.8
72.5°	9528.7	9707.8	10587.4	11396.4	9224.6	9159.5	9235.5	9143.2	10288.8	14268.6	13459.6
75°	7134.3	7313.5	7813.0	8752.3	6281.9	5907.2	6341.6	6770.5	7856.4	11076.1	9669.8
77.5°	5364.3	5592.3	5907.2	6547.9	4609.6	4023.2	4082.9	4490.1	5679.2	8871.7	5418.6
80°	3480.3	3453.1	4061.2	4506.4	3469.4	3578.0	3426.0	3724.6	4115.5	4745.3	2769.0
82.5°	2008.9	2036.0	2291.2	2584.4	2416.1	2763.6	1992.6	3328.2	2937.3	1932.9	1031.6
85°	1129.3	1178.2	1411.7	1791.7	1514.8	1015.3	830.7	1650.6	1846.0	792.7	499.5
87.5°	114.0	97.7	190.0	678.7	412.6	168.3	249.8	396.3	445.2	298.6	146.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7
2.5°	7943.3	7943.3	7807.5	7579.5	7487.2	7324.3	7101.7	7172.3	7096.3	6819.4	6748.8
5°	7617.5	7356.9	7074.6	6727.1	6526.2	6113.6	5983.2	5749.8	5787.8	5554.3	5565.2
7.5°	6938.8	6732.5	6254.7	5798.6	5402.3	5044.0	4539.0	4349.0	4164.4	4072.1	4180.7
10°	6542.5	6157.0	5505.5	4908.2	4381.6	4061.2	3724.6	3464.0	3225.1	3045.9	3007.9
12.5°	6254.7	5912.7	5125.4	4397.8	3985.2	3724.6	3415.1	3056.8	2823.3	2513.8	2421.5
15°	6167.8	5749.8	4919.1	4197.0	3795.2	3366.3	3013.3	2660.4	2356.4	2030.6	1916.6
17.5°	6466.5	5983.2	4913.6	4034.1	3469.4	3007.9	2519.3	2122.9	1813.4	1514.8	1444.2
20°	6971.4	6233.0	5071.1	3936.3	3159.9	2541.0	1987.2	1590.8	1243.3	1047.9	999.0
22.5°	7546.9	6656.5	5087.4	3675.7	2850.5	2074.0	1449.7	1047.9	852.4	760.1	733.0
25°	8252.8	7335.2	5282.8	3464.0	2486.7	1574.5	1031.6	803.6	689.5	635.2	624.4
27.5°	8833.7	7807.5	5494.6	3241.4	2128.3	1167.3	809.0	657.0	597.2	542.9	537.5
30°	9436.4	8350.5	5554.3	3105.6	1818.9	961.0	695.0	581.0	515.8	488.6	483.2
32.5°	9963.0	8942.3	5744.3	2883.0	1525.7	847.0	629.8	521.2	477.8	434.4	428.9
35°	10641.7	9284.3	5836.6	2763.6	1417.1	765.6	575.5	477.8	412.6	385.5	374.6
37.5°	11369.3	9615.5	5896.4	2671.3	1324.8	716.7	542.9	450.6	390.9	352.9	342.1
40°	12047.9	10082.5	5809.5	2557.3	1254.2	657.0	521.2	418.1	363.8	325.8	309.5
42.5°	12569.2	10538.5	5782.4	2448.7	1178.2	635.2	494.1	401.8	342.1	298.6	293.2
45°	12862.3	10848.0	5592.3	2361.8	1118.5	646.1	483.2	380.1	325.8	287.8	266.0
47.5°	12791.8	11086.9	5641.2	2334.7	1037.0	602.7	477.8	363.8	298.6	266.0	249.8
50°	13182.7	11570.1	5559.7	2247.8	977.3	542.9	521.2	363.8	293.2	255.2	238.9
52.5°	13247.8	12009.9	5733.5	2090.3	885.0	499.5	515.8	358.3	282.3	244.3	222.6
55°	13790.8	12520.3	6070.1	2003.5	809.0	434.4	472.4	347.5	255.2	222.6	211.7
57.5°	14529.2	13579.0	6287.3	1922.0	705.8	380.1	396.3	342.1	233.5	206.3	190.0
60°	15240.4	14002.5	6303.6	1775.4	608.1	342.1	309.5	342.1	217.2	184.6	168.3
62.5°	15772.5	14002.5	6195.0	1650.6	532.1	304.0	271.5	325.8	195.5	162.9	152.0
65°	15484.8	13627.9	5912.7	1547.4	483.2	266.0	233.5	249.8	173.7	141.2	130.3
67.5°	14969.0	12460.6	5288.3	1422.5	477.8	233.5	200.9	184.6	152.0	124.9	114.0
70°	14143.7	10886.0	4403.3	1281.3	466.9	211.7	179.2	157.5	135.7	108.6	97.7
72.5°	11396.4	8991.2	3616.0	1199.9	456.1	184.6	152.0	135.7	114.0	92.3	81.4
75°	7894.4	5744.3	2785.3	1026.2	445.2	168.3	141.2	119.4	97.7	76.0	70.6
77.5°	4734.5	3838.6	1797.1	771.0	293.2	135.7	119.4	92.3	81.4	65.2	59.7
80°	2215.2	1813.4	727.5	298.6	141.2	97.7	81.4	70.6	65.2	54.3	48.9
82.5°	868.7	765.6	352.9	173.7	114.0	76.0	65.2	59.7	54.3	43.4	38.0
85°	466.9	412.6	168.3	119.4	81.4	54.3	54.3	48.9	43.4	38.0	32.6
87.5°	103.2	76.0	70.6	70.6	59.7	43.4	43.4	38.0	32.6	27.1	21.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7
2.5°	6710.8	6792.2	6661.9	6743.4	6629.3	6716.2	6727.1	6645.6	6667.4	6775.9	6824.8
5°	5717.2	5662.9	5543.5	5505.5	5510.9	5440.3	5467.4	5505.5	5565.2	5597.8	5695.5
7.5°	4120.9	4245.8	4240.4	4332.7	4338.1	4327.3	4251.3	4088.4	4142.7	4099.2	4153.5
10°	2948.2	3002.5	3105.6	3165.4	3274.0	3214.2	3040.5	2975.3	2942.8	2937.3	2991.6
12.5°	2356.4	2226.1	2215.2	2236.9	2291.2	2220.6	2133.8	2057.8	2095.8	2171.8	2231.5
15°	1824.3	1715.7	1574.5	1552.8	1563.7	1531.1	1438.8	1341.1	1368.2	1444.2	1487.7
17.5°	1400.8	1275.9	1178.2	1113.0	1091.3	977.3	841.6	760.1	738.4	733.0	771.0
20°	944.7	923.0	906.7	825.3	825.3	662.4	548.4	488.6	488.6	499.5	504.9
22.5°	705.8	678.7	684.1	667.8	624.4	494.1	434.4	418.1	418.1	428.9	428.9
25°	613.5	575.5	564.7	559.2	515.8	423.5	380.1	363.8	363.8	374.6	374.6
27.5°	521.2	510.4	494.1	472.4	434.4	363.8	336.6	320.3	325.8	331.2	325.8
30°	477.8	450.6	428.9	428.9	385.5	325.8	304.0	293.2	282.3	293.2	298.6
32.5°	423.5	407.2	396.3	380.1	331.2	287.8	266.0	255.2	249.8	249.8	255.2
35°	363.8	363.8	352.9	331.2	287.8	260.6	233.5	222.6	217.2	222.6	222.6
37.5°	325.8	309.5	314.9	293.2	255.2	228.0	200.9	190.0	190.0	184.6	190.0
40°	304.0	276.9	260.6	249.8	228.0	195.5	173.7	162.9	157.5	157.5	157.5
42.5°	271.5	249.8	217.2	211.7	206.3	168.3	141.2	135.7	130.3	124.9	124.9
45°	255.2	222.6	195.5	168.3	168.3	141.2	119.4	108.6	103.2	97.7	103.2
47.5°	233.5	200.9	168.3	141.2	135.7	114.0	92.3	81.4	76.0	76.0	76.0
50°	222.6	179.2	146.6	119.4	103.2	92.3	70.6	59.7	54.3	54.3	54.3
52.5°	206.3	168.3	130.3	103.2	81.4	70.6	54.3	43.4	38.0	38.0	38.0
55°	184.6	152.0	114.0	86.9	70.6	54.3	38.0	27.1	21.7	21.7	21.7
57.5°	173.7	135.7	97.7	76.0	54.3	38.0	21.7	16.3	16.3	10.9	16.3
60°	157.5	119.4	81.4	59.7	43.4	27.1	16.3	5.4	5.4	5.4	5.4
62.5°	135.7	103.2	70.6	48.9	32.6	16.3	5.4	0.0	0.0	0.0	0.0
65°	114.0	81.4	54.3	38.0	21.7	5.4	0.0	0.0	0.0	0.0	0.0
67.5°	97.7	70.6	43.4	27.1	16.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	86.9	59.7	32.6	21.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	70.6	48.9	27.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	59.7	38.0	16.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	48.9	27.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.0	21.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	32.6	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.3	5.4	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

TEST NUMBER: P599410
 CATALOG NUMBER: IFLD-S-SA6B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7	7644.7
2.5°	6895.4	6862.8	7025.7	7291.7	7427.5	7693.5	7758.7	7927.0	7883.5	7943.3
5°	5706.3	5771.5	6010.4	6401.3	6542.5	6928.0	7291.7	7655.5	7889.0	8003.0
7.5°	4235.0	4452.1	4745.3	5103.7	5467.4	5972.4	6591.3	7014.8	7242.9	7487.2
10°	3154.5	3388.0	3724.6	4077.5	4669.3	5234.0	5852.9	6379.6	6575.1	6803.1
12.5°	2481.3	2845.0	3235.9	3616.0	3968.9	4506.4	5272.0	6037.5	6249.3	6423.0
15°	1726.6	2171.8	2731.0	3225.1	3719.2	4186.1	4978.8	5907.2	6195.0	6488.2
17.5°	955.6	1308.5	1949.2	2644.1	3371.7	4088.4	5076.5	6146.1	6580.5	6786.8
20°	553.8	695.0	1151.0	1976.3	2937.3	3876.6	5125.4	6596.8	7172.3	7275.5
22.5°	456.1	504.9	651.5	1237.9	2405.2	3740.9	5375.1	7226.6	7813.0	8057.3
25°	390.9	428.9	504.9	743.8	1818.9	3453.1	5532.6	8013.9	8556.8	8822.8
27.5°	347.5	385.5	445.2	548.4	1237.9	3056.8	5793.2	8725.1	9268.1	9631.8
30°	304.0	336.6	396.3	466.9	857.9	2611.6	6015.8	9246.3	10011.9	10125.9
32.5°	271.5	298.6	342.1	401.8	635.2	1981.7	6195.0	9783.9	10430.0	10679.7
35°	233.5	266.0	293.2	342.1	483.2	1493.1	6086.4	10201.9	11043.5	11342.1
37.5°	206.3	228.0	255.2	287.8	407.2	1167.3	5863.8	10701.4	11570.1	11847.0
40°	173.7	190.0	222.6	255.2	369.2	901.3	5608.6	11304.1	12308.5	12797.2
42.5°	146.6	162.9	184.6	238.9	304.0	667.8	5092.8	11771.0	12905.8	13318.4
45°	114.0	135.7	168.3	238.9	244.3	494.1	4560.7	12118.5	13242.4	13448.7
47.5°	86.9	108.6	162.9	206.3	195.5	342.1	3930.9	12514.9	13589.9	13779.9
50°	65.2	86.9	184.6	179.2	162.9	260.6	3534.6	12791.8	13611.6	13714.8
52.5°	43.4	65.2	152.0	135.7	135.7	228.0	3426.0	12780.9	13665.9	13443.3
55°	32.6	48.9	86.9	97.7	119.4	200.9	3328.2	13188.1	13682.2	13839.6
57.5°	21.7	38.0	59.7	76.0	103.2	173.7	3127.4	13676.8	14187.1	14268.6
60°	10.9	27.1	43.4	59.7	86.9	152.0	2845.0	14035.1	14800.7	14887.5
62.5°	5.4	16.3	32.6	48.9	70.6	119.4	2551.8	13465.0	14534.6	14686.6
65°	0.0	10.9	21.7	32.6	43.4	86.9	2074.0	12156.5	13481.3	14040.5
67.5°	0.0	0.0	10.9	21.7	27.1	65.2	1563.7	11059.8	12509.4	13269.6
70°	0.0	0.0	5.4	5.4	16.3	48.9	999.0	9159.5	11168.4	11586.4
72.5°	0.0	0.0	0.0	0.0	5.4	32.6	581.0	6803.1	8752.3	9528.7
75°	0.0	0.0	0.0	0.0	0.0	27.1	293.2	4376.1	6091.8	7134.3
77.5°	0.0	0.0	0.0	0.0	0.0	21.7	157.5	2823.3	4490.1	5364.3
80°	0.0	0.0	0.0	0.0	0.0	5.4	92.3	1639.7	2872.2	3480.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.0	803.6	1715.7	2008.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.9	428.9	857.9	1129.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	59.7	114.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)