

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: P599540

Luminaire Tested: **IFLD-L-SA8A-750-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: P599540
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

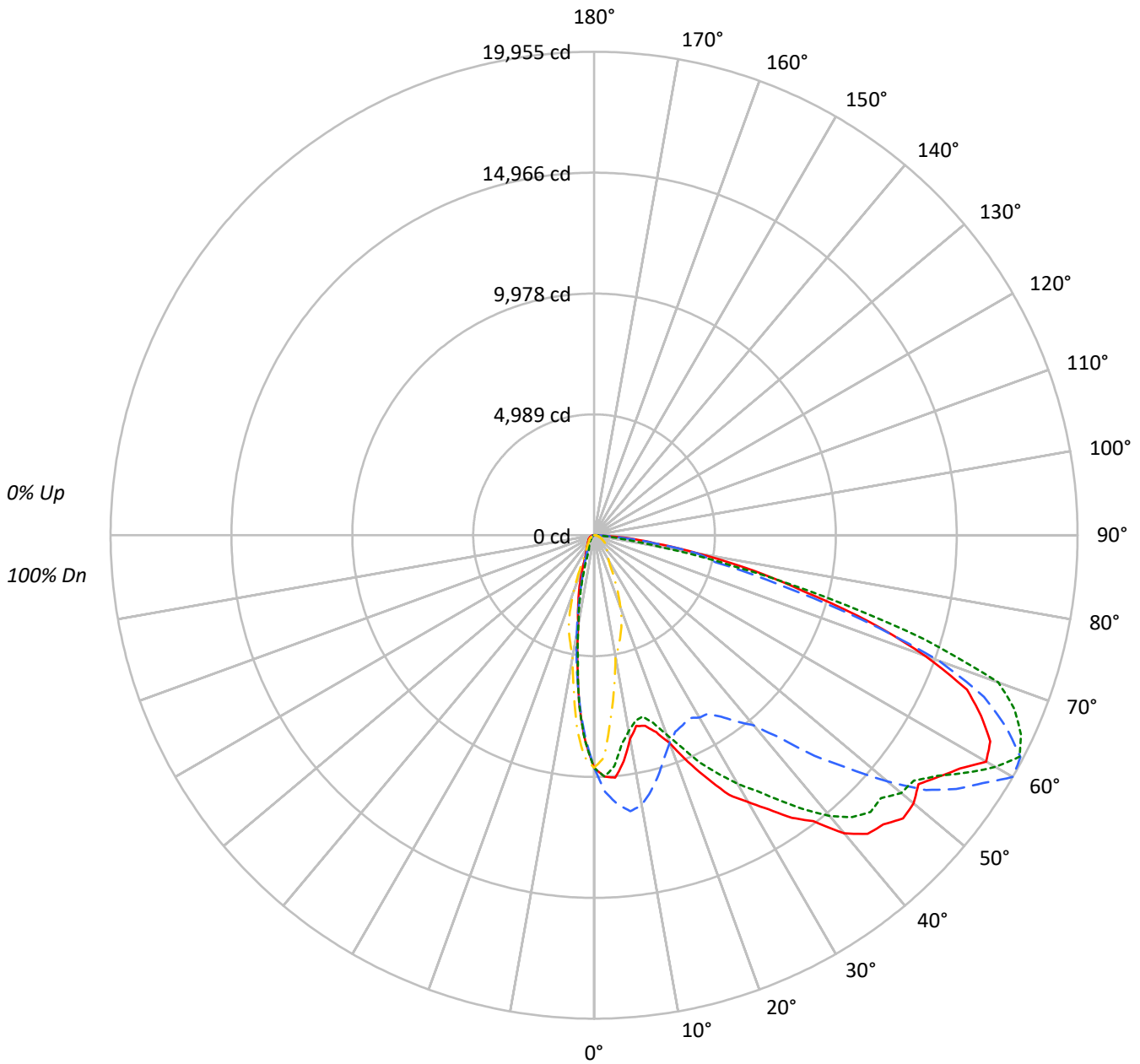
Lumens per Lamp: N/A
 Luminaire Lumens: 25521.5 lumens
 Efficiency: N/A
 Efficacy: 103.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	51645	51645	51645	51645
5°	54272	51658	37740	37961
10°	46668	44881	20634	20150
15°	45379	43138	13405	10101
20°	52305	50119	7182	3591
25°	65766	61516	4654	2793
30°	78990	73611	3770	2287
35°	93540	87764	3090	1836
40°	112857	106250	2729	1388
45°	128489	122886	2541	934
50°	144142	138550	2511	571
55°	163006	162430	2494	256
60°	201151	205919	2274	73
65°	224442	247529	2083	0
70°	228858	279370	1931	0
75°	186219	206059	1842	0
80°	135398	86180	1900	0
85°	87538	36192	2526	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	729.0	2.9
10°-20°	1429.5	5.6
20°-30°	1978.2	7.8
30°-40°	2795.8	11.0
40°-50°	3806.5	14.9
50°-60°	5041.4	19.8
60°-70°	5853.5	22.9
70°-80°	3314.9	13.0
80°-90°	572.8	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°	4136.8	16.2
0°-40°	6932.5	27.2
0°-60°	15780.4	61.8
0°-90°	25521.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25521.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9596	9596	9596	9596	9596	
5°	10046	9562	6986	7027	10046	902
15°	8144	7742	2406	1813	8144	2389
25°	11075	10359	784	470	11075	5165
35°	14237	13358	470	279	14237	8975
45°	16882	16145	334	123	16882	13088
55°	17372	17311	266	27	17372	15739
65°	17624	19437	164	0	17624	17181
75°	8955	9909	89	0	8955	9774
85°	1418	586	41	0	1418	1703
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°	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9
2.5°	9970.8	10182.0	10188.8	10284.3	10379.7	10379.7	10604.6	10550.1	10352.4	10318.3	10175.2
5°	10045.7	10120.7	10175.2	10659.1	11068.0	11027.1	11149.8	11068.0	10686.4	10195.7	9861.7
7.5°	9398.3	9480.1	9698.1	10522.8	11074.8	11258.8	11490.6	10979.4	10577.3	9691.3	9050.7
10°	8539.5	8696.3	9098.4	10038.9	10720.4	11306.6	11306.6	10897.6	10120.7	9255.2	8471.4
12.5°	8062.5	8376.0	8594.1	9548.2	10434.2	10836.3	10822.7	10604.6	10100.2	9009.8	8123.8
15°	8144.3	8232.9	8696.3	9439.2	10025.3	10004.8	10250.2	10182.0	9827.6	9227.9	8253.3
17.5°	8519.1	8655.4	9057.5	9439.2	9718.6	9636.8	9630.0	9957.1	9977.6	9595.9	8737.2
20°	9132.5	9534.6	9725.4	9841.3	9500.5	9152.9	9112.0	9568.7	9923.1	10066.2	9316.5
22.5°	10113.9	10379.7	10768.1	10175.2	9289.2	8853.1	8771.3	9275.6	9991.2	10625.0	10066.2
25°	11074.8	11279.3	11654.1	10890.8	9527.8	8791.7	8648.6	9084.8	10250.2	11402.0	10972.6
27.5°	12090.3	12267.5	12308.4	11415.6	9657.3	8669.0	8498.7	9084.8	10468.3	11810.9	12056.2
30°	12710.5	12921.8	12962.7	11879.0	9868.5	8771.3	8689.5	9125.7	10618.2	12158.5	12833.2
32.5°	13405.7	13460.2	13426.1	11960.8	10100.2	9071.1	8730.4	9398.3	10788.6	12574.2	13542.0
35°	14237.1	14332.5	13985.0	12335.7	10618.2	9262.0	9139.3	9732.2	11081.6	12765.0	14400.7
37.5°	14870.9	15170.8	14387.1	12478.8	10720.4	9664.1	9684.5	10427.4	11286.1	12996.7	15348.0
40°	16063.6	15559.3	15068.6	12969.5	11108.9	10345.6	10236.6	11143.0	11974.5	13146.7	15968.2
42.5°	16717.9	16452.1	15334.4	13017.2	11708.7	11286.1	11313.4	11954.0	12335.7	13569.2	16138.6
45°	16881.5	16602.0	15695.6	13051.3	12301.6	12397.0	12867.3	12989.9	12867.3	13848.7	16458.9
47.5°	17297.2	16690.6	15654.7	13507.9	13262.5	13630.6	14230.3	14496.1	13589.7	13746.4	16608.8
50°	17215.4	16867.8	15566.1	13698.7	14434.8	15409.4	15811.5	15702.4	14393.9	13535.2	16445.3
52.5°	16874.6	16499.8	15838.7	14216.7	15532.0	16711.1	17269.9	16997.3	15109.5	14012.2	16336.2
55°	17372.2	17085.9	16193.1	14918.7	16356.7	17856.0	18251.3	18046.9	15988.7	14455.2	16956.4
57.5°	17910.6	17849.2	17154.1	15743.3	17331.3	19035.1	19035.1	18782.9	16752.0	15095.8	17876.5
60°	18687.5	18823.8	17862.9	16288.5	17665.2	18966.9	19955.1	19662.1	17522.1	16220.4	18919.2
62.5°	18435.3	18871.5	18776.1	17460.8	18046.9	19300.9	19839.3	20057.4	18476.2	17590.2	20309.5
65°	17624.3	18087.8	18769.3	18230.9	17760.6	18489.9	18762.5	19423.6	18953.3	18878.3	20882.0
67.5°	16656.5	17160.9	17583.4	18748.8	17181.3	17665.2	17426.7	17637.9	18435.3	20289.1	21209.2
70°	14543.8	15027.7	15695.6	17597.1	15647.9	15211.7	15150.4	15048.1	16288.5	19784.8	19723.4
72.5°	11960.8	12185.7	13289.8	14305.3	11579.2	11497.4	11592.8	11476.9	12915.0	17910.6	16895.1
75°	8955.3	9180.2	9807.2	10986.2	7885.3	7415.0	7960.2	8498.7	9861.7	13903.2	12138.0
77.5°	6733.5	7019.7	7415.0	8219.2	5786.2	5050.1	5125.1	5636.2	7128.8	11136.2	6801.7
80°	4368.6	4334.5	5097.8	5656.7	4355.0	4491.3	4300.4	4675.3	5166.0	5956.6	3475.8
82.5°	2521.7	2555.7	2876.0	3244.1	3032.8	3469.0	2501.2	4177.8	3687.1	2426.2	1294.9
85°	1417.6	1478.9	1772.0	2249.0	1901.5	1274.5	1042.7	2071.8	2317.2	995.0	627.0
87.5°	143.1	122.7	238.5	851.9	518.0	211.3	313.5	497.5	558.9	374.8	184.0
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°	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9
2.5°	9970.8	9970.8	9800.4	9514.1	9398.3	9193.8	8914.4	9003.0	8907.6	8560.0	8471.4
5°	9561.8	9234.7	8880.3	8444.1	8192.0	7674.0	7510.4	7217.4	7265.1	6972.0	6985.7
7.5°	8709.9	8450.9	7851.2	7278.7	6781.2	6331.4	5697.6	5459.0	5227.3	5111.5	5247.8
10°	8212.4	7728.5	6910.7	6161.0	5499.9	5097.8	4675.3	4348.1	4048.3	3823.4	3775.7
12.5°	7851.2	7421.8	6433.6	5520.4	5002.4	4675.3	4286.8	3837.0	3543.9	3155.5	3039.6
15°	7742.2	7217.4	6174.6	5268.2	4763.9	4225.5	3782.5	3339.5	2957.8	2548.9	2405.8
17.5°	8117.0	7510.4	6167.8	5063.8	4355.0	3775.7	3162.3	2664.8	2276.3	1901.5	1812.9
20°	8750.8	7823.9	6365.5	4941.1	3966.5	3189.6	2494.4	1996.9	1560.7	1315.3	1254.0
22.5°	9473.2	8355.5	6385.9	4613.9	3578.0	2603.4	1819.7	1315.3	1070.0	954.1	920.1
25°	10359.2	9207.4	6631.3	4348.1	3121.4	1976.4	1294.9	1008.7	865.5	797.4	783.8
27.5°	11088.5	9800.4	6897.1	4068.7	2671.6	1465.3	1015.5	824.6	749.7	681.5	674.7
30°	11845.0	10481.9	6972.0	3898.3	2283.1	1206.3	872.4	729.2	647.5	613.4	606.6
32.5°	12506.0	11224.8	7210.6	3618.9	1915.1	1063.2	790.6	654.3	599.7	545.2	538.4
35°	13358.0	11654.1	7326.4	3469.0	1778.8	961.0	722.4	599.7	518.0	483.9	470.3
37.5°	14271.2	12069.9	7401.4	3353.1	1662.9	899.6	681.5	565.7	490.7	443.0	429.4
40°	15123.1	12656.0	7292.4	3210.0	1574.3	824.6	654.3	524.8	456.6	408.9	388.5
42.5°	15777.4	13228.5	7258.3	3073.7	1478.9	797.4	620.2	504.3	429.4	374.8	368.0
45°	16145.4	13616.9	7019.7	2964.6	1403.9	811.0	606.6	477.1	408.9	361.2	333.9
47.5°	16056.8	13916.8	7081.1	2930.6	1301.7	756.5	599.7	456.6	374.8	333.9	313.5
50°	16547.5	14523.4	6978.8	2821.5	1226.8	681.5	654.3	456.6	368.0	320.3	299.9
52.5°	16629.3	15075.4	7196.9	2623.9	1110.9	627.0	647.5	449.8	354.4	306.7	279.4
55°	17310.8	15716.0	7619.5	2514.8	1015.5	545.2	592.9	436.2	320.3	279.4	265.8
57.5°	18237.7	17045.0	7892.1	2412.6	886.0	477.1	497.5	429.4	293.1	259.0	238.5
60°	19130.5	17576.6	7912.5	2228.6	763.3	429.4	388.5	429.4	272.6	231.7	211.3
62.5°	19798.4	17576.6	7776.2	2071.8	667.9	381.7	340.8	408.9	245.4	204.5	190.8
65°	19437.2	17106.4	7421.8	1942.4	606.6	333.9	293.1	313.5	218.1	177.2	163.6
67.5°	18789.7	15641.1	6638.1	1785.6	599.7	293.1	252.2	231.7	190.8	156.8	143.1
70°	17753.8	13664.6	5527.2	1608.4	586.1	265.8	224.9	197.6	170.4	136.3	122.7
72.5°	14305.3	11286.1	4539.0	1506.2	572.5	231.7	190.8	170.4	143.1	115.9	102.2
75°	9909.4	7210.6	3496.2	1288.1	558.9	211.3	177.2	149.9	122.7	95.4	88.6
77.5°	5942.9	4818.4	2255.9	967.8	368.0	170.4	149.9	115.9	102.2	81.8	75.0
80°	2780.6	2276.3	913.2	374.8	177.2	122.7	102.2	88.6	81.8	68.2	61.3
82.5°	1090.4	961.0	443.0	218.1	143.1	95.4	81.8	75.0	68.2	54.5	47.7
85°	586.1	518.0	211.3	149.9	102.2	68.2	68.2	61.3	54.5	47.7	40.9
87.5°	129.5	95.4	88.6	88.6	75.0	54.5	54.5	47.7	40.9	34.1	27.3
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°	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9
2.5°	8423.7	8525.9	8362.4	8464.6	8321.5	8430.5	8444.1	8341.9	8369.2	8505.5	8566.8
5°	7176.5	7108.3	6958.4	6910.7	6917.5	6828.9	6863.0	6910.7	6985.7	7026.6	7149.2
7.5°	5172.8	5329.6	5322.7	5438.6	5445.4	5431.8	5336.4	5131.9	5200.1	5145.5	5213.7
10°	3700.7	3768.9	3898.3	3973.3	4109.6	4034.6	3816.6	3734.8	3693.9	3687.1	3755.2
12.5°	2957.8	2794.3	2780.6	2807.9	2876.0	2787.5	2678.4	2583.0	2630.7	2726.1	2801.1
15°	2289.9	2153.6	1976.4	1949.2	1962.8	1921.9	1806.0	1683.4	1717.5	1812.9	1867.4
17.5°	1758.3	1601.6	1478.9	1397.1	1369.9	1226.8	1056.4	954.1	926.9	920.1	967.8
20°	1185.9	1158.6	1138.2	1035.9	1035.9	831.5	688.3	613.4	613.4	627.0	633.8
22.5°	886.0	851.9	858.7	838.3	783.8	620.2	545.2	524.8	524.8	538.4	538.4
25°	770.1	722.4	708.8	702.0	647.5	531.6	477.1	456.6	456.6	470.3	470.3
27.5°	654.3	640.6	620.2	592.9	545.2	456.6	422.5	402.1	408.9	415.7	408.9
30°	599.7	565.7	538.4	538.4	483.9	408.9	381.7	368.0	354.4	368.0	374.8
32.5°	531.6	511.1	497.5	477.1	415.7	361.2	333.9	320.3	313.5	313.5	320.3
35°	456.6	456.6	443.0	415.7	361.2	327.1	293.1	279.4	272.6	279.4	279.4
37.5°	408.9	388.5	395.3	368.0	320.3	286.2	252.2	238.5	238.5	231.7	238.5
40°	381.7	347.6	327.1	313.5	286.2	245.4	218.1	204.5	197.6	197.6	197.6
42.5°	340.8	313.5	272.6	265.8	259.0	211.3	177.2	170.4	163.6	156.8	156.8
45°	320.3	279.4	245.4	211.3	211.3	177.2	149.9	136.3	129.5	122.7	129.5
47.5°	293.1	252.2	211.3	177.2	170.4	143.1	115.9	102.2	95.4	95.4	95.4
50°	279.4	224.9	184.0	149.9	129.5	115.9	88.6	75.0	68.2	68.2	68.2
52.5°	259.0	211.3	163.6	129.5	102.2	88.6	68.2	54.5	47.7	47.7	47.7
55°	231.7	190.8	143.1	109.0	88.6	68.2	47.7	34.1	27.3	27.3	27.3
57.5°	218.1	170.4	122.7	95.4	68.2	47.7	27.3	20.4	20.4	13.6	20.4
60°	197.6	149.9	102.2	75.0	54.5	34.1	20.4	6.8	6.8	6.8	6.8
62.5°	170.4	129.5	88.6	61.3	40.9	20.4	6.8	0.0	0.0	0.0	0.0
65°	143.1	102.2	68.2	47.7	27.3	6.8	0.0	0.0	0.0	0.0	0.0
67.5°	122.7	88.6	54.5	34.1	20.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	109.0	75.0	40.9	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	88.6	61.3	34.1	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	75.0	47.7	20.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	61.3	34.1	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.7	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	40.9	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.4	6.8	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: P599540
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9	9595.9
2.5°	8655.4	8614.5	8819.0	9152.9	9323.3	9657.3	9739.0	9950.3	9895.8	9970.8
5°	7162.9	7244.6	7544.5	8035.2	8212.4	8696.3	9152.9	9609.5	9902.6	10045.7
7.5°	5315.9	5588.5	5956.6	6406.4	6863.0	7496.8	8273.8	8805.3	9091.6	9398.3
10°	3959.7	4252.7	4675.3	5118.3	5861.1	6569.9	7346.9	8008.0	8253.3	8539.5
12.5°	3114.6	3571.2	4061.9	4539.0	4982.0	5656.7	6617.6	7578.6	7844.4	8062.5
15°	2167.3	2726.1	3428.1	4048.3	4668.5	5254.6	6249.6	7415.0	7776.2	8144.3
17.5°	1199.5	1642.5	2446.7	3319.0	4232.3	5131.9	6372.3	7714.9	8260.1	8519.1
20°	695.2	872.4	1444.8	2480.8	3687.1	4866.1	6433.6	8280.6	9003.0	9132.5
22.5°	572.5	633.8	817.8	1553.9	3019.2	4695.7	6747.1	9071.1	9807.2	10113.9
25°	490.7	538.4	633.8	933.7	2283.1	4334.5	6944.8	10059.4	10740.9	11074.8
27.5°	436.2	483.9	558.9	688.3	1553.9	3837.0	7271.9	10952.2	11633.7	12090.3
30°	381.7	422.5	497.5	586.1	1076.8	3278.2	7551.3	11606.4	12567.4	12710.5
32.5°	340.8	374.8	429.4	504.3	797.4	2487.6	7776.2	12281.1	13092.2	13405.7
35°	293.1	333.9	368.0	429.4	606.6	1874.2	7639.9	12805.9	13862.3	14237.1
37.5°	259.0	286.2	320.3	361.2	511.1	1465.3	7360.5	13432.9	14523.4	14870.9
40°	218.1	238.5	279.4	320.3	463.4	1131.3	7040.2	14189.4	15450.2	16063.6
42.5°	184.0	204.5	231.7	299.9	381.7	838.3	6392.7	14775.5	16199.9	16717.9
45°	143.1	170.4	211.3	299.9	306.7	620.2	5724.8	15211.7	16622.5	16881.5
47.5°	109.0	136.3	204.5	259.0	245.4	429.4	4934.3	15709.2	17058.7	17297.2
50°	81.8	109.0	231.7	224.9	204.5	327.1	4436.7	16056.8	17085.9	17215.4
52.5°	54.5	81.8	190.8	170.4	170.4	286.2	4300.4	16043.2	17154.1	16874.6
55°	40.9	61.3	109.0	122.7	149.9	252.2	4177.8	16554.3	17174.5	17372.2
57.5°	27.3	47.7	75.0	95.4	129.5	218.1	3925.6	17167.7	17808.3	17910.6
60°	13.6	34.1	54.5	75.0	109.0	190.8	3571.2	17617.5	18578.5	18687.5
62.5°	6.8	20.4	40.9	61.3	88.6	149.9	3203.2	16901.9	18244.5	18435.3
65°	0.0	13.6	27.3	40.9	54.5	109.0	2603.4	15259.4	16922.3	17624.3
67.5°	0.0	0.0	13.6	27.3	34.1	81.8	1962.8	13882.7	15702.4	16656.5
70°	0.0	0.0	6.8	6.8	20.4	61.3	1254.0	11497.4	14019.0	14543.8
72.5°	0.0	0.0	0.0	0.0	6.8	40.9	729.2	8539.5	10986.2	11960.8
75°	0.0	0.0	0.0	0.0	0.0	34.1	368.0	5493.1	7646.7	8955.3
77.5°	0.0	0.0	0.0	0.0	0.0	27.3	197.6	3543.9	5636.2	6733.5
80°	0.0	0.0	0.0	0.0	0.0	6.8	115.9	2058.2	3605.3	4368.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	47.7	1008.7	2153.6	2521.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.6	538.4	1076.8	1417.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	75.0	143.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)