

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: P598758

Luminaire Tested: **IFLD-L-SA8B-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598758
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-750-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

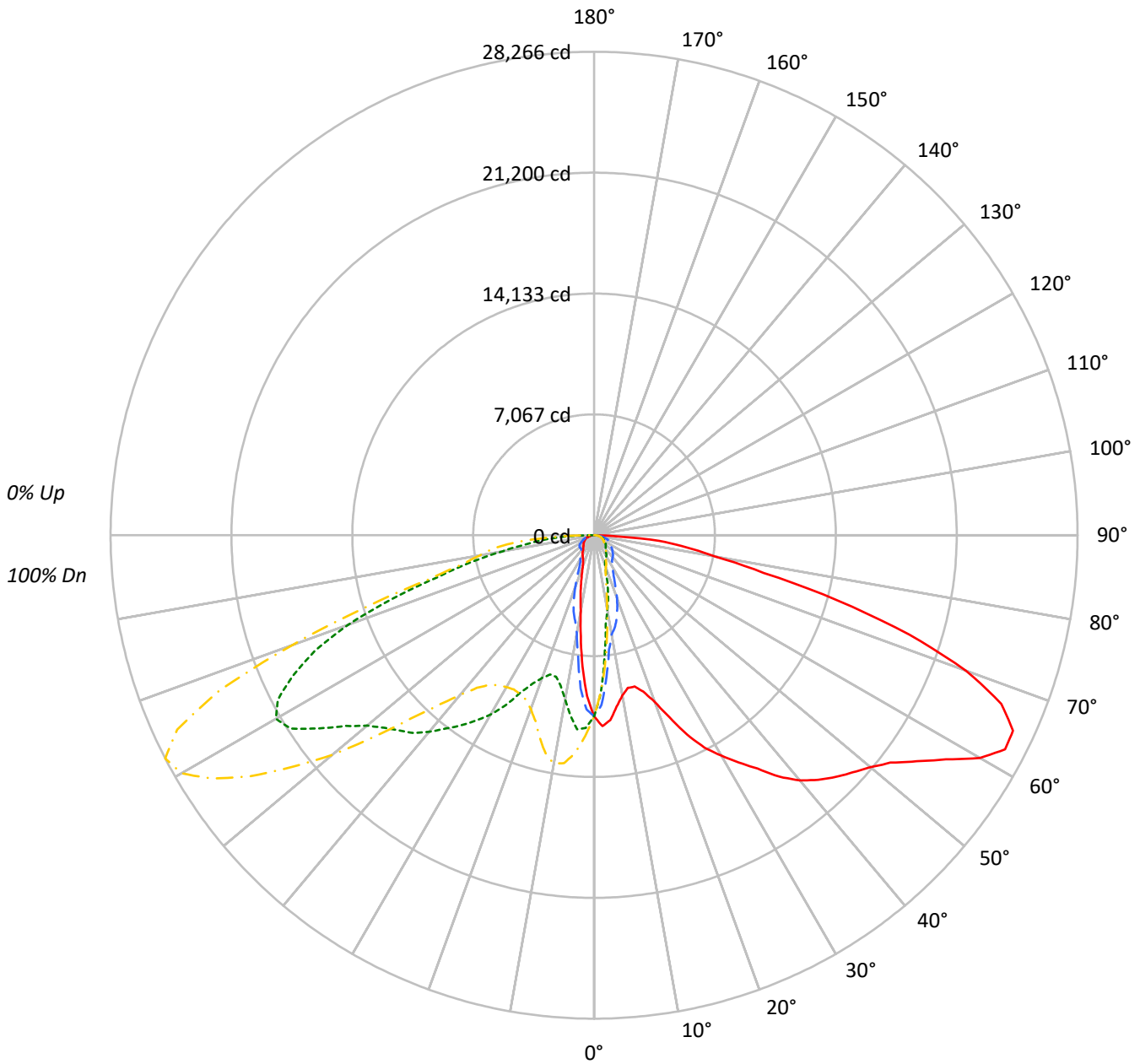
Lumens per Lamp: N/A
 Luminaire Lumens: 35410.2 lumens
 Efficiency: N/A
 Efficacy: 110.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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				
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	56929	56929	56929	56929
5°	58587	38097	41619	61548
10°	51977	24208	24450	53192
15°	51013	17169	16261	47711
20°	59309	10861	10946	50825
25°	76274	9326	9061	60086
30°	92435	8838	8286	75218
35°	109404	7787	7495	89158
40°	131456	7390	6870	105331
45°	152111	7330	6653	122794
50°	176634	7443	6698	145003
55°	216158	7645	6811	184742
60°	280338	7654	7176	231063
65°	344118	7735	7358	247335
70°	364134	8159	7693	240813
75°	306520	8625	7702	196543
80°	222691	10101	7804	169888
85°	236025	14635	6404	176559

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	818.6	2.3
10°-20°	1713.3	4.8
20°-30°	2469.0	7.0
30°-40°	3554.4	10.0
40°-50°	5048.7	14.3
50°-60°	7258.6	20.5
60°-70°	8386.1	23.7
70°-80°	4748.4	13.4
80°-90°	1413.1	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°	5000.9	14.1
0°-40°	8555.2	24.2
0°-60°	20862.6	58.9
0°-90°	35410.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	35410.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10578	10578	10578	10578	10578	
5°	10844	7052	7704	11392	10844	984
15°	9156	3081	2918	8563	9156	2692
25°	12844	1570	1526	10118	12844	5962
35°	16652	1185	1141	13570	16652	10568
45°	19985	963	874	16133	19985	15475
55°	23037	815	726	19689	23037	20863
65°	27022	607	578	19422	27022	25912
75°	14741	415	370	9452	14741	15640
85°	3822	237	104	2859	3822	3807
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°	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7
2.5°	11170.3	11155.4	11066.5	10785.1	10488.8	10207.3	9940.6	9659.2	9511.0	9333.2	9259.2
5°	10844.3	10814.7	10562.8	9940.6	9392.5	8799.9	8296.2	7896.2	7570.3	7244.4	7125.8
7.5°	10103.6	10059.2	9762.9	8903.6	8103.6	7333.3	6725.9	6207.3	5777.7	5585.1	5362.9
10°	9511.0	9436.9	9051.8	8103.6	7066.6	6296.2	5896.2	5540.7	5170.3	4859.2	4533.3
12.5°	9140.6	9051.8	8651.8	7540.7	6533.3	5955.5	5540.7	5140.7	4681.4	4296.3	3940.7
15°	9155.5	9051.8	8562.9	7392.5	6399.9	5659.2	5081.4	4533.3	4000.0	3570.3	3170.3
17.5°	9585.1	9451.8	8933.2	7599.9	6296.2	5274.0	4503.7	3792.6	3185.2	2725.9	2400.0
20°	10355.4	10266.6	9674.0	7911.0	6192.5	4859.2	3911.1	3051.8	2414.8	2059.2	1925.9
22.5°	11511.0	11407.3	10770.3	8385.1	6162.9	4488.8	3274.0	2400.0	1940.7	1792.6	1718.5
25°	12844.3	12651.7	12059.1	9185.1	6222.2	4148.1	2755.5	1985.2	1733.3	1629.6	1585.2
27.5°	13999.8	13881.3	13214.7	9940.6	6251.8	3881.4	2400.0	1807.4	1614.8	1525.9	1496.3
30°	14873.9	14829.5	14177.6	10770.3	6177.7	3555.5	2177.8	1733.3	1614.8	1525.9	1437.0
32.5°	15748.0	15762.8	15066.5	11407.3	6074.0	3274.0	1970.3	1540.7	1422.2	1362.9	1377.8
35°	16651.7	16725.7	16133.2	12029.5	5851.8	3170.3	1822.2	1437.0	1333.3	1244.4	1200.0
37.5°	17792.4	17985.0	17407.2	12725.8	5629.6	3081.4	1748.1	1362.9	1259.2	1185.2	1125.9
40°	18710.9	19066.5	18725.7	13377.6	5481.4	2977.7	1688.9	1288.9	1214.8	1125.9	1081.5
42.5°	19392.4	19807.2	19688.7	13881.3	5481.4	2874.0	1629.6	1244.4	1185.2	1081.5	1022.2
45°	19985.0	20414.6	20399.8	14399.8	5599.9	2814.8	1555.5	1244.4	1155.5	1051.8	992.6
47.5°	20518.3	20947.9	21096.1	15051.7	5792.5	2785.2	1466.7	1214.8	1155.5	1037.0	948.1
50°	21096.1	21570.1	22014.6	16088.7	6029.6	2711.1	1407.4	1170.4	1170.4	1022.2	918.5
52.5°	21836.8	22370.1	23184.9	17377.6	6266.6	2577.8	1318.5	1140.7	1170.4	1007.4	888.9
55°	23036.8	23481.2	24547.9	18918.3	6562.9	2414.8	1244.4	1066.7	1111.1	963.0	844.4
57.5°	24384.9	24770.1	25659.0	20103.5	6651.8	2207.4	1140.7	992.6	1066.7	918.5	785.2
60°	26044.2	26236.8	26236.8	20444.2	6355.5	2014.8	1066.7	933.3	963.0	874.1	740.7
62.5°	27096.0	27096.0	26236.8	19822.0	5792.5	1851.8	1007.4	874.1	844.4	814.8	696.3
65°	27021.9	26903.4	25629.4	18014.6	5140.7	1748.1	948.1	800.0	755.5	740.7	651.8
67.5°	25777.5	25570.1	23836.8	15466.5	4459.2	1703.7	888.9	725.9	696.3	666.7	592.6
70°	23140.5	22607.2	20473.9	12444.3	3792.6	1674.1	874.1	666.7	637.0	607.4	548.1
72.5°	19318.3	18636.8	15985.0	9570.3	3185.2	1570.4	829.6	592.6	577.8	548.1	488.9
75°	14740.6	13481.3	11155.4	7318.4	2474.0	1362.9	711.1	518.5	518.5	503.7	444.4
77.5°	10162.9	9511.0	7777.7	5407.3	1807.4	1051.8	577.8	459.3	459.3	474.1	414.8
80°	7185.1	6577.7	5540.7	3881.4	1140.7	711.1	444.4	385.2	429.6	459.3	385.2
82.5°	5496.2	5051.8	4118.5	2829.6	666.7	488.9	340.7	311.1	370.4	400.0	325.9
85°	3822.2	3288.9	2088.9	1896.3	385.2	296.3	251.8	251.8	325.9	400.0	296.3
87.5°	1081.5	459.3	133.3	563.0	163.0	118.5	88.9	59.3	88.9	88.9	59.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7
2.5°	9185.1	9096.2	9096.2	9066.6	9081.4	9096.2	9081.4	9185.1	9229.5	9288.8	9407.3
5°	7051.8	7170.3	7081.4	7170.3	7288.8	7466.6	7511.0	7644.4	7659.2	7762.9	7703.6
7.5°	5229.6	5214.8	5140.7	5244.4	5570.3	5822.2	5940.7	6014.8	6029.6	6029.6	5955.5
10°	4429.6	4296.3	4162.9	4088.8	4118.5	4385.1	4474.0	4518.5	4488.8	4533.3	4474.0
12.5°	3792.6	3674.0	3481.4	3348.1	3259.2	3333.3	3422.2	3466.6	3496.3	3570.3	3629.6
15°	3081.4	2962.9	2844.4	2770.3	2696.3	2637.0	2711.1	2755.5	2829.6	2888.9	2918.5
17.5°	2340.7	2281.5	2222.2	2266.6	2266.6	2237.0	2266.6	2281.5	2311.1	2355.5	2340.7
20°	1896.3	1881.5	1866.6	1940.7	2000.0	2000.0	2029.6	1985.2	1970.3	1925.9	1911.1
22.5°	1688.9	1688.9	1703.7	1762.9	1822.2	1851.8	1851.8	1777.8	1703.7	1674.1	1688.9
25°	1570.4	1570.4	1614.8	1629.6	1659.2	1659.2	1674.1	1600.0	1555.5	1511.1	1525.9
27.5°	1481.5	1481.5	1496.3	1496.3	1511.1	1511.1	1525.9	1496.3	1437.0	1422.2	1422.2
30°	1422.2	1422.2	1407.4	1407.4	1407.4	1407.4	1422.2	1377.8	1348.1	1333.3	1333.3
32.5°	1362.9	1348.1	1333.3	1333.3	1318.5	1318.5	1333.3	1288.9	1274.1	1274.1	1274.1
35°	1185.2	1170.4	1185.2	1214.8	1214.8	1229.6	1229.6	1214.8	1185.2	1155.5	1140.7
37.5°	1111.1	1096.3	1096.3	1096.3	1125.9	1140.7	1155.5	1125.9	1081.5	1037.0	1037.0
40°	1051.8	1051.8	1037.0	1037.0	1037.0	1066.7	1096.3	1051.8	992.6	977.8	977.8
42.5°	1007.4	992.6	977.8	963.0	948.1	992.6	1022.2	963.0	933.3	933.3	933.3
45°	963.0	948.1	933.3	918.5	903.7	918.5	948.1	888.9	874.1	874.1	874.1
47.5°	918.5	903.7	874.1	859.3	844.4	844.4	874.1	829.6	814.8	829.6	829.6
50°	888.9	859.3	829.6	814.8	800.0	800.0	800.0	785.2	785.2	785.2	800.0
52.5°	859.3	829.6	785.2	770.4	755.5	755.5	755.5	755.5	740.7	755.5	770.4
55°	814.8	785.2	755.5	740.7	725.9	711.1	725.9	711.1	711.1	725.9	725.9
57.5°	755.5	725.9	696.3	696.3	681.5	681.5	696.3	681.5	681.5	696.3	696.3
60°	711.1	681.5	651.8	651.8	637.0	651.8	666.7	651.8	651.8	651.8	666.7
62.5°	651.8	637.0	607.4	607.4	607.4	607.4	622.2	607.4	622.2	622.2	622.2
65°	607.4	577.8	563.0	563.0	563.0	563.0	592.6	563.0	577.8	577.8	577.8
67.5°	563.0	533.3	518.5	518.5	518.5	518.5	548.1	518.5	533.3	548.1	533.3
70°	518.5	488.9	474.1	474.1	474.1	474.1	488.9	474.1	474.1	488.9	488.9
72.5°	459.3	444.4	429.6	429.6	414.8	429.6	444.4	429.6	429.6	429.6	429.6
75°	414.8	400.0	400.0	385.2	385.2	385.2	400.0	370.4	370.4	370.4	370.4
77.5°	385.2	355.6	355.6	355.6	340.7	355.6	340.7	311.1	311.1	311.1	311.1
80°	325.9	296.3	311.1	311.1	296.3	296.3	281.5	251.8	251.8	251.8	251.8
82.5°	266.7	237.0	251.8	251.8	251.8	251.8	222.2	207.4	192.6	177.8	177.8
85°	237.0	192.6	222.2	222.2	207.4	207.4	148.1	148.1	118.5	118.5	103.7
87.5°	44.4	29.6	59.3	74.1	74.1	88.9	59.3	74.1	44.4	29.6	29.6
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°	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7
2.5°	9392.5	9555.5	9777.7	9940.6	10192.5	10385.1	10681.4	10933.2	11170.3	11274.0	11377.7
5°	7881.4	7985.1	8325.8	8592.5	8992.5	9422.1	9955.4	10533.2	11125.8	11392.5	11703.6
7.5°	5896.2	6088.8	6281.4	6666.6	7155.5	7851.8	8533.2	9392.5	10222.1	10622.1	11155.4
10°	4577.7	4725.9	4948.1	5348.1	5807.3	6385.1	7199.9	8222.1	9214.7	9733.2	10281.4
12.5°	3674.0	3881.4	4177.7	4592.5	5125.9	5718.5	6311.0	7259.2	8414.7	9007.3	9629.5
15°	2977.7	3140.7	3466.6	3985.1	4607.4	5214.8	5837.0	6622.2	7881.4	8562.9	9303.6
17.5°	2370.3	2488.9	2785.2	3303.7	3925.9	4607.4	5318.5	6311.0	7703.6	8533.2	9407.3
20°	1925.9	2014.8	2207.4	2592.6	3185.2	3925.9	4814.8	6014.8	7807.3	8874.0	9940.6
22.5°	1688.9	1718.5	1807.4	2014.8	2503.7	3288.9	4355.5	5762.9	7999.9	9377.7	10814.7
25°	1525.9	1555.5	1585.2	1718.5	2000.0	2740.7	3955.5	5614.8	8414.7	10118.4	11822.1
27.5°	1422.2	1451.8	1466.7	1525.9	1718.5	2340.7	3614.8	5525.9	8977.7	11199.9	13066.5
30°	1333.3	1333.3	1377.8	1466.7	1600.0	2059.2	3318.5	5318.5	9570.3	12103.6	14044.3
32.5°	1259.2	1274.1	1333.3	1377.8	1466.7	1822.2	3022.2	5051.8	10103.6	12844.3	15007.2
35°	1125.9	1125.9	1140.7	1214.8	1333.3	1629.6	2755.5	4785.1	10399.9	13570.2	15866.5
37.5°	1037.0	1051.8	1081.5	1140.7	1244.4	1496.3	2533.3	4488.8	10711.0	14251.7	16873.9
40°	977.8	992.6	1022.2	1081.5	1185.2	1377.8	2340.7	4251.8	11036.9	14992.4	17955.4
42.5°	933.3	948.1	977.8	1037.0	1125.9	1348.1	2133.3	4059.2	11229.5	15673.9	18977.6
45°	888.9	903.7	948.1	1007.4	1081.5	1318.5	2014.8	3925.9	11303.6	16133.2	19792.4
47.5°	844.4	859.3	903.7	992.6	1081.5	1274.1	1970.3	3851.8	11362.8	16651.7	20444.2
50°	800.0	829.6	888.9	977.8	1096.3	1214.8	1940.7	3837.0	11703.6	17318.3	21066.4
52.5°	770.4	814.8	874.1	977.8	1081.5	1125.9	1925.9	3881.4	12385.1	18310.9	21955.3
55°	740.7	785.2	844.4	977.8	1037.0	1051.8	1851.8	3955.5	13422.1	19688.7	23214.6
57.5°	711.1	740.7	814.8	948.1	977.8	992.6	1703.7	4059.2	14459.1	21036.8	24503.4
60°	666.7	696.3	770.4	948.1	888.9	933.3	1511.1	4088.8	15199.8	21466.4	24622.0
62.5°	622.2	651.8	725.9	977.8	814.8	874.1	1348.1	3985.1	15348.0	20844.2	23955.3
65°	577.8	607.4	666.7	814.8	755.5	814.8	1244.4	3703.7	14859.1	19422.0	22740.5
67.5°	533.3	563.0	607.4	666.7	681.5	740.7	1200.0	3259.2	13629.5	17659.1	21081.3
70°	474.1	503.7	548.1	592.6	607.4	696.3	1125.9	2829.6	11644.3	15303.5	19051.6
72.5°	429.6	444.4	488.9	518.5	548.1	637.0	1081.5	2474.0	8903.6	12385.1	15540.6
75°	370.4	370.4	414.8	444.4	474.1	563.0	992.6	2059.2	6281.4	9451.8	11422.1
77.5°	311.1	311.1	340.7	370.4	400.0	488.9	844.4	1674.1	4355.5	7496.2	8281.4
80°	237.0	237.0	266.7	296.3	325.9	414.8	681.5	1229.6	2696.3	5481.4	6029.6
82.5°	163.0	163.0	207.4	222.2	237.0	325.9	518.5	844.4	1585.2	3955.5	4311.1
85°	88.9	88.9	118.5	133.3	163.0	237.0	385.2	592.6	948.1	2859.2	2874.0
87.5°	14.8	14.8	44.4	44.4	74.1	118.5	222.2	325.9	533.3	1585.2	1007.4
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: P598758
 CATALOG NUMBER: IFLD-L-SA8B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7	10577.7
2.5°	11570.2	11733.2	11748.0	11748.0	11673.9	11688.8	11481.4	11259.1	11185.1	11170.3
5°	12177.6	12607.3	12725.8	12785.0	12592.5	12296.2	11762.8	11185.1	10888.8	10844.3
7.5°	12059.1	12918.4	13377.6	13436.9	13051.7	12355.4	11422.1	10533.2	10192.5	10103.6
10°	11362.8	12518.4	13348.0	13555.4	13140.6	12251.7	11036.9	9999.9	9585.1	9511.0
12.5°	10874.0	11985.1	12799.9	13081.3	12888.8	12118.4	10844.3	9659.2	9244.3	9140.6
15°	10607.3	11629.5	12162.8	12251.7	12236.9	11911.0	10844.3	9733.2	9274.0	9155.5
17.5°	10829.5	11525.8	11599.9	11392.5	11511.0	11673.9	11081.4	10133.2	9688.8	9585.1
20°	11274.0	11481.4	11125.8	10814.7	10874.0	11392.5	11451.7	10888.8	10533.2	10355.4
22.5°	12207.3	11644.3	10829.5	10399.9	10444.3	11170.3	11940.6	11911.0	11599.9	11511.0
25°	13155.4	12103.6	10740.6	10236.9	10296.2	11125.8	12518.4	13051.7	12888.8	12844.3
27.5°	14207.3	12873.9	10799.9	10162.9	10236.9	11185.1	12918.4	14014.7	14044.3	13999.8
30°	14918.4	13244.3	10977.7	10251.7	10355.4	11333.2	13007.3	14592.4	14859.1	14873.9
32.5°	15510.9	13614.7	11348.0	10399.9	10577.7	11599.9	13244.3	15140.6	15733.2	15748.0
35°	15985.0	14029.5	11807.3	10666.6	10933.2	12044.3	13555.4	15659.1	16548.0	16651.7
37.5°	16592.4	14488.7	12340.6	11244.3	11540.6	12681.3	14103.6	16266.5	17510.9	17792.4
40°	17244.3	14948.0	13111.0	12177.6	12607.3	13629.5	14725.8	16948.0	18325.7	18710.9
42.5°	17970.2	15436.9	13985.0	13436.9	14088.7	14829.5	15436.9	17570.2	18947.9	19392.4
45°	18681.3	16029.5	15259.1	15155.4	15881.3	16251.7	16133.2	18014.6	19540.5	19985.0
47.5°	19185.0	16888.7	16799.8	17422.0	18103.5	17910.9	16948.0	18340.5	20029.4	20518.3
50°	19644.2	17955.4	18740.5	19955.3	20370.2	19718.3	17822.0	18785.0	20547.9	21096.1
52.5°	20325.7	19096.1	20740.5	22251.6	22651.6	21614.6	18770.2	19510.9	21347.9	21836.8
55°	21718.3	20385.0	22829.4	24562.7	24636.8	23347.9	20044.2	20740.5	22473.8	23036.8
57.5°	23273.8	21970.1	24488.6	26473.8	26444.2	25081.2	21481.3	22399.8	23999.7	24384.9
60°	24681.2	23570.1	26296.0	27836.7	27762.7	26340.5	23155.3	24281.2	25747.9	26044.2
62.5°	25510.8	25022.0	27096.0	28266.4	27984.9	26755.3	24577.5	25955.3	26992.3	27096.0
65°	25377.5	25851.6	26162.7	26888.6	26488.6	25599.7	25273.8	27021.9	27125.6	27021.9
67.5°	24370.1	25377.5	23599.7	23673.8	23466.4	22710.9	24192.3	26740.5	26029.4	25777.5
70°	22844.2	22918.3	19733.1	18799.8	19125.7	18088.7	20755.3	24547.9	23451.6	23140.5
72.5°	20310.9	19392.4	14918.4	13970.2	14459.1	13718.4	16651.7	21392.4	20325.7	19318.3
75°	17036.9	15362.8	11362.8	10014.7	10266.6	10236.9	12903.6	17673.9	15748.0	14740.6
77.5°	13199.9	11970.2	8385.1	7866.6	7599.9	7659.2	9007.3	13140.6	11422.1	10162.9
80°	9644.3	8370.3	6488.8	6785.1	6637.0	6281.4	6311.0	8799.9	7940.7	7185.1
82.5°	6666.6	5955.5	5259.2	5940.7	5585.1	5037.0	4918.5	6340.7	5955.5	5496.2
85°	4474.0	4903.7	4177.7	4548.1	3940.7	3629.6	4622.2	5303.6	4281.4	3822.2
87.5°	2918.5	4488.8	3007.4	2281.5	1303.7	1748.1	2829.6	3481.4	2000.0	1081.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)