

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: P599299

Luminaire Tested: **IFLD-M-SA4B-760-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599299
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

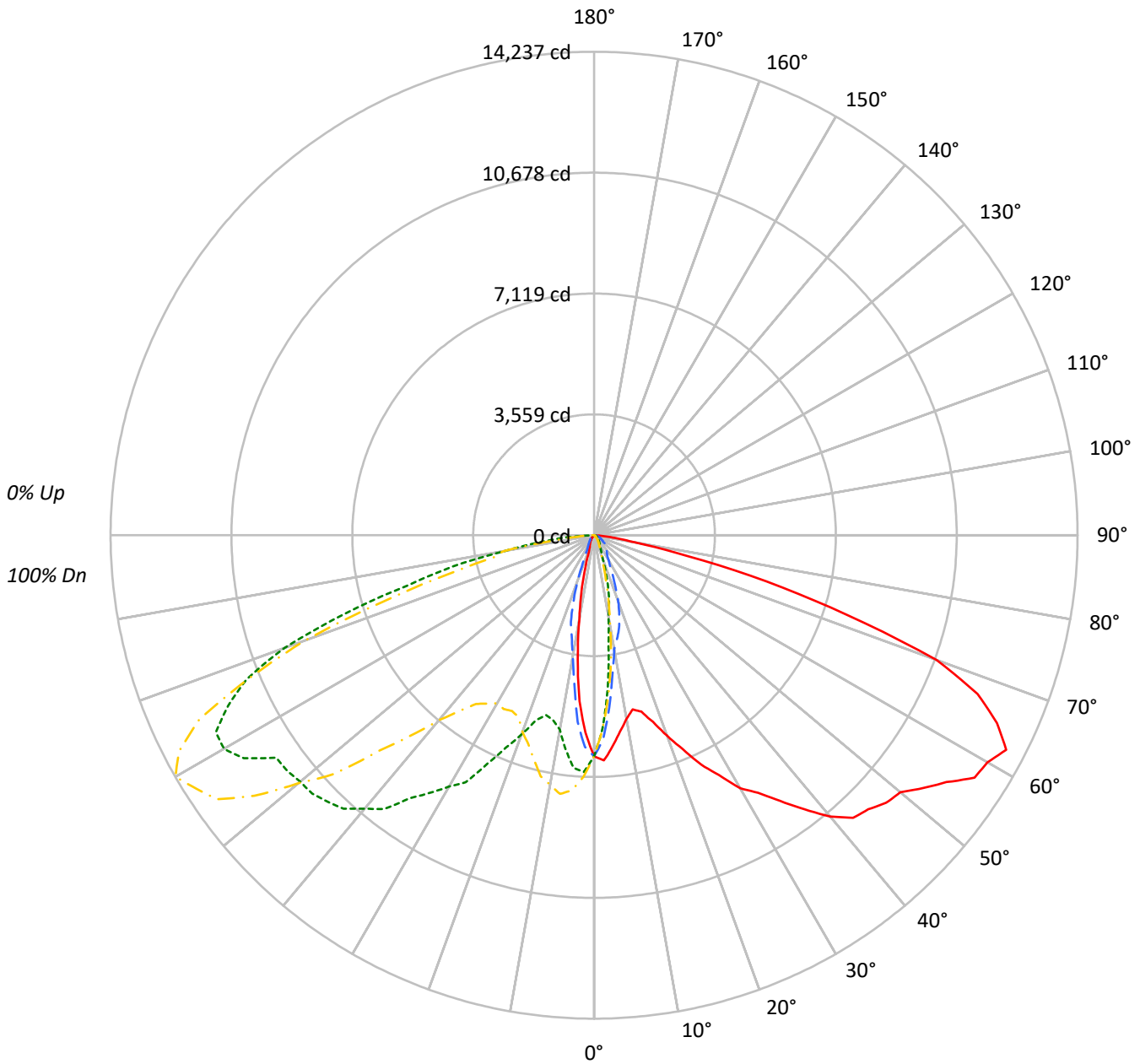
Lumens per Lamp: N/A
 Luminaire Lumens: 17017.6 lumens
 Efficiency: N/A
 Efficacy: 102.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	70028	70028	70028	70028
5°	67420	49276	53044	74311
10°	60026	26829	27180	63536
15°	59921	17894	10941	61046
20°	71947	8935	4362	71527
25°	88492	5613	3379	88056
30°	106921	4506	2567	106238
35°	125460	3618	1989	124193
40°	151886	3094	1290	147695
45°	173765	2793	699	168945
50°	197144	2689	154	189077
55°	237809	2582	0	214390
60°	287915	2172	0	270827
65°	333387	1752	0	303004
70°	337589	1445	0	305532
75°	218477	952	0	234314
80°	74514	285	0	165803
85°	37396	0	0	121822

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	492.8	2.9
10°-20°	954.3	5.6
20°-30°	1329.1	7.8
30°-40°	1888.5	11.1
40°-50°	2618.8	15.4
50°-60°	3568.2	21.0
60°-70°	3923.0	23.1
70°-80°	1928.1	11.3
80°-90°	314.9	1.9
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°	2776.2	16.3
0°-40°	4664.6	27.4
0°-60°	10851.6	63.8
0°-90°	17017.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17017.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6506	6506	6506	6506	6506	
5°	6240	4560	4909	6877	6240	571
15°	5377	1606	982	5478	5377	1592
25°	7451	473	284	7414	7451	3464
35°	9548	275	151	9451	9548	6061
45°	11415	184	46	11098	11415	8849
55°	12672	138	0	11424	12672	11399
65°	13090	69	0	11897	13090	12650
75°	5253	23	0	5634	5253	5727
85°	303	0	0	986	303	419
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°	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8
2.5°	6638.9	6716.9	6643.4	6386.5	6340.6	6216.8	6028.6	6014.9	5817.6	5840.5	5735.0
5°	6239.7	6317.7	6161.7	5822.2	5505.6	5253.3	5101.9	4831.2	4771.5	4638.5	4638.5
7.5°	5831.4	5826.8	5560.7	5276.2	4803.7	4340.3	4129.2	3739.2	3509.8	3386.0	3266.7
10°	5491.9	5418.4	5253.3	4666.0	4152.2	3670.4	3408.9	3152.0	2913.4	2706.9	2500.5
12.5°	5253.3	5299.2	5037.6	4399.9	3734.6	3399.7	3119.8	2849.2	2564.7	2330.7	2101.3
15°	5377.2	5303.7	4996.3	4340.3	3665.8	3207.0	2835.4	2505.1	2188.5	1881.1	1706.7
17.5°	5762.5	5574.4	5212.0	4340.3	3523.6	2913.4	2463.8	2073.8	1734.3	1459.0	1243.4
20°	6281.0	6065.4	5675.4	4500.8	3418.1	2697.8	2083.0	1592.0	1238.8	981.8	816.7
22.5°	6813.2	6643.4	6056.2	4565.1	3294.2	2408.7	1642.5	1151.6	825.8	660.7	578.1
25°	7450.9	7212.4	6570.0	4822.0	3110.7	2128.8	1293.8	802.9	614.8	527.6	477.2
27.5°	7960.2	7918.9	7051.8	4978.0	2973.0	1899.4	1023.1	637.7	509.3	445.0	412.9
30°	8602.5	8377.7	7639.0	5290.0	2817.0	1637.9	853.4	573.5	468.0	399.2	376.2
32.5°	8987.9	8882.4	7946.4	5464.3	2642.7	1422.3	734.1	504.7	426.7	376.2	353.3
35°	9547.7	9336.6	8386.9	5574.4	2550.9	1298.4	660.7	458.8	357.9	307.4	279.9
37.5°	10171.6	10093.6	8914.5	5569.8	2417.9	1225.0	610.2	426.7	339.5	284.5	252.3
40°	10809.4	10492.8	9235.7	5698.3	2349.1	1169.9	573.5	408.3	321.2	270.7	229.4
42.5°	11286.5	10924.1	9607.3	5652.4	2266.5	1073.6	559.7	380.8	307.4	247.8	211.0
45°	11415.0	11286.5	9942.2	5638.7	2206.8	995.6	536.8	376.2	298.2	234.0	197.3
47.5°	11662.7	11575.6	10355.1	5661.6	2161.0	936.0	481.7	385.4	284.5	220.2	188.1
50°	11772.8	11616.9	10690.1	5716.7	2055.4	862.5	431.3	403.7	279.9	215.6	178.9
52.5°	12227.1	12089.4	11148.9	5872.7	1968.3	766.2	380.8	385.4	289.0	201.9	169.8
55°	12672.1	12516.1	11855.4	6230.5	1844.4	688.2	325.7	339.5	275.3	183.5	151.4
57.5°	13282.3	13025.4	12328.0	6377.3	1734.3	582.7	289.0	279.9	256.9	165.2	133.1
60°	13374.1	13479.6	12259.2	6285.6	1619.6	513.9	252.3	215.6	275.3	146.8	114.7
62.5°	13681.5	13241.0	11938.0	6074.5	1537.0	472.6	224.8	178.9	238.6	128.5	96.3
65°	13089.6	12763.9	11185.6	5395.5	1431.5	477.2	197.3	146.8	151.4	105.5	78.0
67.5°	12222.5	11965.5	9937.6	4656.8	1325.9	468.0	174.3	128.5	114.7	91.8	68.8
70°	10726.8	10171.6	8441.9	3780.5	1169.9	435.9	146.8	114.7	96.3	73.4	50.5
72.5°	7804.2	7579.4	6056.2	2922.6	1050.7	394.6	137.6	96.3	82.6	55.1	41.3
75°	5253.3	4881.6	3821.8	1917.8	844.2	344.1	114.7	87.2	64.2	41.3	32.1
77.5°	2775.7	2624.3	2165.5	913.0	468.0	160.6	64.2	50.5	36.7	32.1	18.4
80°	1202.1	1069.0	936.0	371.6	165.2	73.4	41.3	27.5	22.9	18.4	9.2
82.5°	614.8	587.3	486.3	160.6	96.3	55.1	22.9	18.4	13.8	9.2	4.6
85°	302.8	312.0	256.9	50.5	55.1	32.1	4.6	4.6	0.0	0.0	0.0
87.5°	22.9	22.9	18.4	9.2	13.8	4.6	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8
2.5°	5693.7	5758.0	5647.8	5716.7	5684.5	5698.3	5712.1	5675.4	5684.5	5813.0	5817.6
5°	4560.5	4684.4	4638.5	4702.7	4812.8	4757.8	4808.2	4799.1	4808.2	4826.6	4909.2
7.5°	3252.9	3216.2	3303.4	3473.1	3670.4	3789.7	3730.1	3697.9	3679.6	3633.7	3688.8
10°	2454.6	2436.2	2413.3	2463.8	2592.2	2725.3	2798.7	2674.8	2606.0	2518.8	2486.7
12.5°	2037.1	1922.4	1858.1	1780.1	1816.9	1936.1	1940.7	1821.4	1711.3	1665.4	1715.9
15°	1605.8	1527.8	1413.1	1303.0	1247.9	1339.7	1261.7	1147.0	1004.8	986.4	981.8
17.5°	1147.0	1101.1	1018.5	972.7	908.4	885.5	802.9	628.6	527.6	500.1	509.3
20°	780.0	743.3	738.7	697.4	669.8	651.5	518.4	403.7	371.6	376.2	380.8
22.5°	578.1	559.7	536.8	532.2	509.3	486.3	380.8	339.5	316.6	316.6	330.3
25°	472.6	463.4	440.4	431.3	422.1	390.0	321.2	289.0	279.9	270.7	284.5
27.5°	403.7	399.2	385.4	371.6	362.5	330.3	279.9	252.3	243.2	243.2	243.2
30°	362.5	362.5	344.1	316.6	316.6	279.9	238.6	220.2	211.0	211.0	206.5
32.5°	339.5	330.3	307.4	289.0	275.3	238.6	211.0	192.7	178.9	178.9	183.5
35°	275.3	275.3	270.7	256.9	238.6	201.9	178.9	160.6	151.4	146.8	151.4
37.5°	243.2	229.4	211.0	215.6	206.5	174.3	151.4	137.6	123.9	123.9	123.9
40°	220.2	206.5	188.1	174.3	169.8	156.0	133.1	110.1	96.3	91.8	91.8
42.5°	197.3	188.1	160.6	137.6	133.1	133.1	100.9	82.6	68.8	68.8	68.8
45°	183.5	169.8	146.8	119.3	96.3	100.9	82.6	59.6	50.5	45.9	45.9
47.5°	174.3	160.6	128.5	100.9	73.4	73.4	59.6	41.3	32.1	27.5	27.5
50°	160.6	146.8	114.7	82.6	55.1	45.9	36.7	22.9	13.8	9.2	9.2
52.5°	151.4	137.6	100.9	68.8	45.9	32.1	22.9	4.6	0.0	0.0	0.0
55°	137.6	119.3	87.2	55.1	36.7	18.4	4.6	0.0	0.0	0.0	0.0
57.5°	119.3	105.5	68.8	41.3	22.9	4.6	0.0	0.0	0.0	0.0	0.0
60°	100.9	87.2	55.1	32.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	82.6	73.4	41.3	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	68.8	55.1	32.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	59.6	45.9	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	45.9	32.1	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	32.1	22.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.9	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8
2.5°	5836.0	5973.6	6102.1	6138.8	6239.7	6519.6	6519.6	6652.6	6891.2	6978.4	6996.7
5°	4922.9	5069.8	5097.3	5381.7	5514.8	5799.2	5987.4	6437.0	6707.7	6877.4	6983.0
7.5°	3743.8	3794.3	3899.8	4165.9	4427.4	4771.5	5129.4	5702.9	6180.1	6372.8	6730.6
10°	2573.9	2725.3	2954.7	3193.3	3601.6	3982.4	4445.8	4987.2	5574.4	5813.0	6120.4
12.5°	1734.3	1945.3	2312.4	2651.9	3028.1	3413.5	3853.9	4578.8	5244.1	5574.4	5881.8
15°	1014.0	1270.9	1587.5	2138.0	2638.1	3069.4	3509.8	4243.9	5051.4	5478.1	5854.3
17.5°	513.9	591.9	853.4	1330.5	1991.2	2697.8	3353.8	4289.8	5198.2	5721.3	6033.2
20°	385.4	408.3	481.7	706.6	1362.6	2229.8	3207.0	4358.6	5606.6	6244.3	6414.0
22.5°	334.9	353.3	385.4	458.8	766.2	1706.7	3000.6	4528.4	6161.7	6762.7	7120.6
25°	284.5	302.8	330.3	376.2	490.9	1160.8	2748.2	4707.3	6657.2	7414.2	7749.2
27.5°	247.8	261.5	289.0	325.7	399.2	738.7	2312.4	4945.9	7414.2	8203.4	8290.5
30°	211.0	224.8	247.8	289.0	339.5	523.0	1697.6	4978.0	7831.7	8547.5	8790.6
32.5°	183.5	188.1	215.6	252.3	284.5	412.9	1192.9	5010.1	8139.1	8992.5	9043.0
35°	151.4	160.6	188.1	211.0	247.8	325.7	903.8	4849.5	8538.3	9451.3	9437.5
37.5°	123.9	137.6	156.0	174.3	201.9	275.3	720.3	4551.3	9038.4	10162.4	9731.2
40°	96.3	110.1	128.5	151.4	169.8	247.8	541.4	4101.7	9561.4	10511.1	10052.3
42.5°	68.8	78.0	96.3	119.3	151.4	206.5	390.0	3569.5	9767.9	10919.5	10437.7
45°	50.5	59.6	73.4	100.9	156.0	165.2	270.7	3083.1	9988.1	11098.4	10350.6
47.5°	27.5	36.7	55.1	87.2	137.6	123.9	192.7	2647.3	10240.4	11259.0	10419.4
50°	9.2	13.8	32.1	91.8	110.1	96.3	151.4	2413.3	10488.2	11291.1	10557.0
52.5°	0.0	0.0	18.4	96.3	82.6	73.4	133.1	2321.5	10424.0	11392.0	10469.8
55°	0.0	0.0	4.6	41.3	45.9	55.1	110.1	2316.9	10878.2	11424.2	10947.0
57.5°	0.0	0.0	0.0	13.8	27.5	45.9	96.3	2170.1	11167.2	12222.5	11589.3
60°	0.0	0.0	0.0	4.6	18.4	32.1	73.4	2041.7	11460.9	12580.3	12277.5
62.5°	0.0	0.0	0.0	0.0	4.6	13.8	50.5	1844.4	10869.0	12552.8	12942.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	32.1	1459.0	9777.1	11896.7	12575.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.4	1009.4	8561.2	11070.9	11901.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	610.2	6909.5	9708.2	10093.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	261.5	4932.1	7707.9	8281.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.5	3051.0	5634.1	6340.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.3	1977.4	4266.9	4812.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	1055.2	2674.8	3110.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	458.8	1624.2	1871.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.8	986.4	1124.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.4	201.9
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: P599299
 CATALOG NUMBER: IFLD-M-SA4B-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8	6505.8
2.5°	7005.9	7138.9	7189.4	7111.4	7120.6	6960.0	6937.1	6712.3	6620.5	6638.9
5°	7327.1	7519.8	7625.3	7538.1	7340.8	7033.4	6753.6	6487.5	6322.3	6239.7
7.5°	7253.6	7469.3	7602.3	7684.9	7460.1	6964.6	6537.9	6037.8	5826.8	5831.4
10°	6849.9	7299.5	7570.2	7464.7	7359.2	6863.7	6203.0	5661.6	5473.5	5491.9
12.5°	6524.2	7024.2	7184.8	7267.4	7051.8	6657.2	6212.2	5592.8	5381.7	5253.3
15°	6322.3	6693.9	6703.1	6831.6	6744.4	6744.4	6308.5	5702.9	5519.4	5377.2
17.5°	6322.3	6404.9	6395.7	6441.6	6588.4	6762.7	6551.7	6147.9	5785.5	5762.5
20°	6464.5	6207.6	6147.9	6166.3	6290.2	6808.6	7088.5	6583.8	6354.4	6281.0
22.5°	6794.8	6230.5	5868.1	5803.8	6184.6	6804.0	7432.6	7272.0	6872.8	6813.2
25°	7249.1	6189.2	5794.7	5712.1	6001.1	6969.2	7905.1	7937.3	7574.8	7450.9
27.5°	7680.3	6372.8	5785.5	5767.1	6147.9	6932.5	8230.9	8469.5	8061.1	7960.2
30°	7827.2	6556.3	5955.2	5712.1	6203.0	7065.5	8221.7	8845.7	8579.6	8602.5
32.5°	8001.5	6739.8	5973.6	5877.2	6437.0	7281.2	8483.2	9451.3	9258.6	8987.9
35°	8258.4	6987.5	6147.9	6060.8	6602.2	7473.9	8538.3	9896.3	9864.2	9547.7
37.5°	8478.6	7230.7	6510.4	6524.2	7106.8	7785.9	8781.5	10442.3	10387.3	10171.6
40°	8634.6	7570.2	7074.7	7111.4	7547.3	8134.5	9212.7	10717.6	11125.9	10809.4
42.5°	8657.6	7873.0	7721.6	8015.3	8423.6	8675.9	9387.1	10905.7	11493.0	11286.5
45°	8744.8	8354.8	8776.9	8992.5	9327.4	9153.1	9377.9	11226.9	11520.5	11415.0
47.5°	9084.3	9231.1	9763.3	10419.4	10538.7	9965.2	9598.1	11277.3	11676.5	11662.7
50°	9437.5	10171.6	10919.5	11355.3	11506.7	10524.9	9804.6	11236.0	11883.0	11772.8
52.5°	9832.1	10988.3	12066.5	12603.3	12520.7	11144.3	10038.6	11571.0	12263.8	12227.1
55°	10079.9	11355.3	12805.1	13553.0	13488.8	11837.1	10781.8	12052.7	12763.9	12672.1
57.5°	10736.0	11951.8	13539.2	13887.9	14057.7	12745.5	11300.3	12841.8	13181.4	13282.3
60°	11277.3	12341.8	13731.9	14236.6	14296.2	13286.9	12208.7	13653.9	13713.6	13374.1
62.5°	12071.1	12493.2	13323.6	13777.8	14085.2	13594.3	13025.4	14089.8	13704.4	13681.5
65°	12653.7	11997.7	12562.0	12814.3	13011.6	13126.3	13846.6	14388.0	13534.6	13089.6
67.5°	12328.0	11061.7	10956.2	10969.9	11029.6	11722.4	13571.3	13658.5	12589.5	12222.5
70°	10850.7	9075.1	8932.9	9043.0	8744.8	9579.8	12456.5	12415.2	11107.6	10726.8
72.5°	8776.9	6615.9	6372.8	6524.2	6593.0	7478.5	10479.0	9414.6	8102.4	7804.2
75°	6973.8	4849.5	4092.5	4459.5	4693.5	5446.0	8185.0	6395.7	5657.0	5253.3
77.5°	5478.1	3670.4	3184.1	3037.3	3252.9	3959.5	5955.2	3358.4	2963.9	2775.7
80°	3473.1	2697.8	2927.2	2716.1	2807.9	2826.2	3101.5	1527.8	1215.8	1202.1
82.5°	2092.1	1844.4	2193.1	1206.6	2197.7	1963.7	1289.2	692.8	614.8	614.8
85°	1481.9	1142.4	757.0	490.9	977.2	1078.2	500.1	357.9	312.0	302.8
87.5°	743.3	353.3	169.8	110.1	123.9	201.9	59.6	27.5	27.5	22.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)