

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: P599134

Luminaire Tested: **IFLD-L-SA8A-722-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: P599134
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

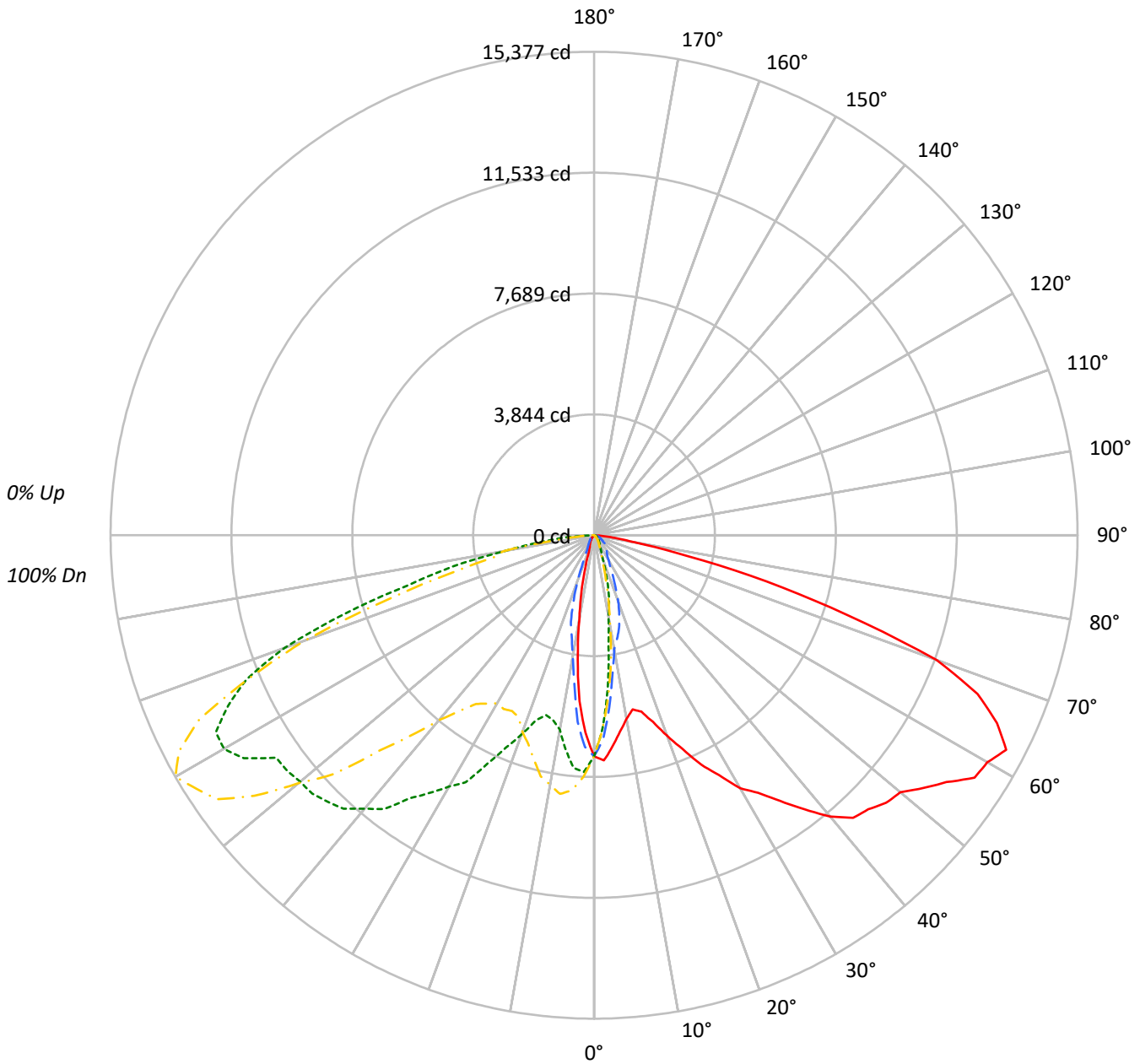
Lumens per Lamp: N/A
 Luminaire Lumens: 18380.2 lumens
 Efficiency: N/A
 Efficacy: 74.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	37817	37817	37817	37817
5°	36409	26611	28646	40130
10°	32416	14488	14678	34312
15°	32359	9664	5909	32967
20°	38854	4825	2356	38627
25°	47789	3031	1824	47554
30°	57741	2433	1386	57372
35°	67753	1953	1074	67069
40°	82024	1671	696	79761
45°	93839	1509	378	91237
50°	106465	1452	83	102108
55°	128425	1395	0	115778
60°	155484	1173	0	146257
65°	180041	946	0	163633
70°	182310	780	0	164999
75°	117985	516	0	126537
80°	40239	155	0	89540
85°	20199	0	0	65790

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	532.3	2.9
10°-20°	1030.7	5.6
20°-30°	1435.5	7.8
30°-40°	2039.7	11.1
40°-50°	2828.5	15.4
50°-60°	3853.9	21.0
60°-70°	4237.1	23.1
70°-80°	2082.5	11.3
80°-90°	340.1	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°	2998.5	16.3
0°-40°	5038.2	27.4
0°-60°	11720.5	63.8
0°-90°	18380.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18380.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7027	7027	7027	7027	7027	
5°	6739	4926	5302	7428	6739	617
15°	5808	1734	1060	5917	5808	1719
25°	8048	510	307	8008	8048	3742
35°	10312	297	164	10208	10312	6546
45°	12329	198	50	11987	12329	9557
55°	13687	149	0	12339	13687	12312
65°	14138	74	0	12849	14138	13662
75°	5674	25	0	6085	5674	6186
85°	327	0	0	1065	327	452
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°	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7
2.5°	7170.4	7254.7	7175.4	6897.9	6848.3	6714.5	6511.4	6496.5	6283.4	6308.2	6194.2
5°	6739.3	6823.6	6655.1	6288.4	5946.5	5673.9	5510.4	5218.0	5153.6	5009.9	5009.9
7.5°	6298.3	6293.3	6005.9	5698.7	5188.3	4687.8	4459.8	4038.6	3790.9	3657.1	3528.2
10°	5931.6	5852.3	5673.9	5039.6	4484.6	3964.3	3681.9	3404.3	3146.7	2923.7	2700.7
12.5°	5673.9	5723.5	5441.0	4752.2	4033.7	3671.9	3369.7	3077.3	2770.1	2517.3	2269.6
15°	5807.7	5728.4	5396.4	4687.8	3959.4	3463.8	3062.4	2705.6	2363.7	2031.7	1843.4
17.5°	6224.0	6020.8	5629.3	4687.8	3805.7	3146.7	2661.0	2239.8	1873.1	1575.8	1342.9
20°	6783.9	6551.0	6129.8	4861.2	3691.8	2913.8	2249.7	1719.5	1338.0	1060.5	882.1
22.5°	7358.7	7175.4	6541.1	4930.6	3558.0	2601.6	1774.0	1243.8	892.0	713.6	624.4
25°	8047.5	7789.9	7096.1	5208.1	3359.8	2299.3	1397.4	867.2	664.0	569.9	515.4
27.5°	8597.6	8553.0	7616.4	5376.6	3211.1	2051.5	1105.1	688.8	550.0	480.7	446.0
30°	9291.3	9048.5	8250.7	5713.6	3042.6	1769.1	921.7	619.4	505.4	431.1	406.3
32.5°	9707.6	9593.6	8582.7	5901.9	2854.3	1536.2	792.9	545.1	460.9	406.3	381.6
35°	10312.2	10084.2	9058.4	6020.8	2755.2	1402.4	713.6	495.5	386.5	332.0	302.3
37.5°	10986.1	10901.8	9628.3	6015.8	2611.5	1323.1	659.1	460.9	366.7	307.2	272.5
40°	11674.9	11333.0	9975.2	6154.6	2537.2	1263.6	619.4	441.0	346.9	292.4	247.8
42.5°	12190.2	11798.8	10376.6	6105.0	2448.0	1159.6	604.6	411.3	332.0	267.6	227.9
45°	12329.0	12190.2	10738.3	6090.2	2383.5	1075.3	579.8	406.3	322.1	252.7	213.1
47.5°	12596.6	12502.4	11184.3	6114.9	2334.0	1010.9	520.3	416.3	307.2	237.9	203.2
50°	12715.5	12547.0	11546.0	6174.4	2220.0	931.6	465.8	436.1	302.3	232.9	193.3
52.5°	13206.1	13057.4	12041.6	6342.9	2125.9	827.5	411.3	416.3	312.2	218.0	183.3
55°	13686.8	13518.3	12804.7	6729.4	1992.1	743.3	351.8	366.7	297.3	198.2	163.5
57.5°	14345.8	14068.3	13315.1	6888.0	1873.1	629.3	312.2	302.3	277.5	178.4	143.7
60°	14444.9	14558.9	13240.8	6788.9	1749.3	555.0	272.5	232.9	297.3	158.6	123.9
62.5°	14777.0	14301.2	12893.9	6560.9	1660.1	510.4	242.8	193.3	257.7	138.8	104.1
65°	14137.7	13785.9	12081.2	5827.5	1546.1	515.4	213.1	158.6	163.5	114.0	84.2
67.5°	13201.1	12923.6	10733.4	5029.7	1432.1	505.4	188.3	138.8	123.9	99.1	74.3
70°	11585.7	10986.1	9117.9	4083.2	1263.6	470.8	158.6	123.9	104.1	79.3	54.5
72.5°	8429.1	8186.3	6541.1	3156.6	1134.8	426.2	148.7	104.1	89.2	59.5	44.6
75°	5673.9	5272.5	4127.8	2071.4	911.8	371.7	123.9	94.2	69.4	44.6	34.7
77.5°	2998.0	2834.5	2338.9	986.1	505.4	173.4	69.4	54.5	39.6	34.7	19.8
80°	1298.3	1154.6	1010.9	401.4	178.4	79.3	44.6	29.7	24.8	19.8	9.9
82.5°	664.0	634.3	525.3	173.4	104.1	59.5	24.8	19.8	14.9	9.9	5.0
85°	327.1	337.0	277.5	54.5	59.5	34.7	5.0	5.0	0.0	0.0	0.0
87.5°	24.8	24.8	19.8	9.9	14.9	5.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7
2.5°	6149.6	6219.0	6100.1	6174.4	6139.7	6154.6	6169.5	6129.8	6139.7	6278.5	6283.4
5°	4925.7	5059.4	5009.9	5079.3	5198.2	5138.7	5193.2	5183.3	5193.2	5213.1	5302.3
7.5°	3513.4	3473.7	3567.9	3751.2	3964.3	4093.1	4028.7	3994.0	3974.2	3924.7	3984.1
10°	2651.1	2631.3	2606.5	2661.0	2799.8	2943.5	3022.8	2889.0	2814.7	2720.5	2685.8
12.5°	2200.2	2076.3	2006.9	1922.7	1962.3	2091.2	2096.1	1967.3	1848.4	1798.8	1853.3
15°	1734.4	1650.1	1526.3	1407.3	1347.9	1447.0	1362.7	1238.8	1085.2	1065.4	1060.5
17.5°	1238.8	1189.3	1100.1	1050.5	981.2	956.4	867.2	678.9	569.9	540.1	550.0
20°	842.4	802.8	797.8	753.2	723.5	703.7	560.0	436.1	401.4	406.3	411.3
22.5°	624.4	604.6	579.8	574.8	550.0	525.3	411.3	366.7	341.9	341.9	356.8
25°	510.4	500.5	475.7	465.8	455.9	421.2	346.9	312.2	302.3	292.4	307.2
27.5°	436.1	431.1	416.3	401.4	391.5	356.8	302.3	272.5	262.6	262.6	262.6
30°	391.5	391.5	371.7	341.9	341.9	302.3	257.7	237.9	227.9	227.9	223.0
32.5°	366.7	356.8	332.0	312.2	297.3	257.7	227.9	208.1	193.3	193.3	198.2
35°	297.3	297.3	292.4	277.5	257.7	218.0	193.3	173.4	163.5	158.6	163.5
37.5°	262.6	247.8	227.9	232.9	223.0	188.3	163.5	148.7	133.8	133.8	133.8
40°	237.9	223.0	203.2	188.3	183.3	168.5	143.7	118.9	104.1	99.1	99.1
42.5°	213.1	203.2	173.4	148.7	143.7	143.7	109.0	89.2	74.3	74.3	74.3
45°	198.2	183.3	158.6	128.8	104.1	109.0	89.2	64.4	54.5	49.6	49.6
47.5°	188.3	173.4	138.8	109.0	79.3	79.3	64.4	44.6	34.7	29.7	29.7
50°	173.4	158.6	123.9	89.2	59.5	49.6	39.6	24.8	14.9	9.9	9.9
52.5°	163.5	148.7	109.0	74.3	49.6	34.7	24.8	5.0	0.0	0.0	0.0
55°	148.7	128.8	94.2	59.5	39.6	19.8	5.0	0.0	0.0	0.0	0.0
57.5°	128.8	114.0	74.3	44.6	24.8	5.0	0.0	0.0	0.0	0.0	0.0
60°	109.0	94.2	59.5	34.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	89.2	79.3	44.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	74.3	59.5	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	64.4	49.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	49.6	34.7	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.7	24.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.8	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.0	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°	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7
2.5°	6303.2	6451.9	6590.7	6630.3	6739.3	7041.6	7041.6	7185.3	7443.0	7537.1	7557.0
5°	5317.1	5475.7	5505.4	5812.7	5956.4	6263.6	6466.8	6952.4	7244.8	7428.1	7542.1
7.5°	4043.6	4098.1	4212.1	4499.5	4781.9	5153.6	5540.1	6159.5	6674.9	6883.0	7269.5
10°	2780.0	2943.5	3191.3	3448.9	3890.0	4301.3	4801.8	5386.5	6020.8	6278.5	6610.5
12.5°	1873.1	2101.1	2497.5	2864.2	3270.6	3686.8	4162.5	4945.5	5664.0	6020.8	6352.8
15°	1095.1	1372.6	1714.6	2309.2	2849.3	3315.2	3790.9	4583.7	5455.9	5916.7	6323.1
17.5°	555.0	639.2	921.7	1437.1	2150.6	2913.8	3622.4	4633.3	5614.5	6179.4	6516.3
20°	416.3	441.0	520.3	763.1	1471.7	2408.3	3463.8	4707.6	6055.5	6744.3	6927.6
22.5°	361.7	381.6	416.3	495.5	827.5	1843.4	3240.8	4891.0	6655.1	7304.2	7690.8
25°	307.2	327.1	356.8	406.3	530.2	1253.7	2968.3	5084.2	7190.3	8007.9	8369.6
27.5°	267.6	282.5	312.2	351.8	431.1	797.8	2497.5	5341.9	8007.9	8860.2	8954.4
30°	227.9	242.8	267.6	312.2	366.7	564.9	1833.5	5376.6	8458.8	9231.9	9494.5
32.5°	198.2	203.2	232.9	272.5	307.2	446.0	1288.4	5411.3	8790.9	9712.6	9767.1
35°	163.5	173.4	203.2	227.9	267.6	351.8	976.2	5237.8	9222.0	10208.1	10193.2
37.5°	133.8	148.7	168.5	188.3	218.0	297.3	778.0	4915.7	9762.1	10976.2	10510.4
40°	104.1	118.9	138.8	163.5	183.3	267.6	584.7	4430.1	10327.0	11352.8	10857.2
42.5°	74.3	84.2	104.1	128.8	163.5	223.0	421.2	3855.3	10550.0	11793.8	11273.5
45°	54.5	64.4	79.3	109.0	168.5	178.4	292.4	3330.0	10787.9	11987.1	11179.3
47.5°	29.7	39.6	59.5	94.2	148.7	133.8	208.1	2859.3	11060.4	12160.5	11253.7
50°	9.9	14.9	34.7	99.1	118.9	104.1	163.5	2606.5	11328.0	12195.2	11402.3
52.5°	0.0	0.0	19.8	104.1	89.2	79.3	143.7	2507.4	11258.6	12304.2	11308.2
55°	0.0	0.0	5.0	44.6	49.6	59.5	118.9	2502.5	11749.2	12338.9	11823.5
57.5°	0.0	0.0	0.0	14.9	29.7	49.6	104.1	2343.9	12061.4	13201.1	12517.3
60°	0.0	0.0	0.0	5.0	19.8	34.7	79.3	2205.1	12378.6	13587.7	13260.6
62.5°	0.0	0.0	0.0	0.0	5.0	14.9	54.5	1992.1	11739.3	13557.9	13979.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	34.7	1575.8	10559.9	12849.3	13582.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.8	1090.2	9246.7	11957.3	12854.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	659.1	7462.8	10485.6	10901.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282.5	5327.0	8325.0	8944.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.0	3295.3	6085.2	6848.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.6	2135.8	4608.5	5198.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	1139.7	2889.0	3359.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495.5	1754.2	2021.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.6	1065.4	1214.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163.5	218.0
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: P599134
 CATALOG NUMBER: IFLD-L-SA8A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7	7026.7
2.5°	7566.9	7710.6	7765.1	7680.8	7690.8	7517.3	7492.5	7249.7	7150.6	7170.4
5°	7913.7	8121.9	8235.8	8141.7	7928.6	7596.6	7294.3	7006.9	6828.5	6739.3
7.5°	7834.5	8067.4	8211.1	8300.3	8057.5	7522.3	7061.4	6521.3	6293.3	6298.3
10°	7398.4	7884.0	8176.4	8062.4	7948.4	7413.3	6699.7	6114.9	5911.8	5931.6
12.5°	7046.6	7586.7	7760.1	7849.3	7616.4	7190.3	6709.6	6040.6	5812.7	5673.9
15°	6828.5	7229.9	7239.8	7378.6	7284.4	7284.4	6813.7	6159.5	5961.3	5807.7
17.5°	6828.5	6917.7	6907.8	6957.4	7115.9	7304.2	7076.3	6640.2	6248.7	6224.0
20°	6982.1	6704.6	6640.2	6660.0	6793.8	7353.8	7656.1	7111.0	6863.2	6783.9
22.5°	7338.9	6729.4	6337.9	6268.6	6679.9	7348.8	8027.7	7854.3	7423.2	7358.7
25°	7829.5	6684.8	6258.7	6169.5	6481.6	7527.2	8538.1	8572.8	8181.3	8047.5
27.5°	8295.3	6883.0	6248.7	6228.9	6640.2	7487.6	8890.0	9147.6	8706.6	8597.6
30°	8453.9	7081.2	6432.1	6169.5	6699.7	7631.3	8880.0	9554.0	9266.6	9291.3
32.5°	8642.2	7279.5	6451.9	6347.8	6952.4	7864.2	9162.5	10208.1	10000.0	9707.6
35°	8919.7	7547.1	6640.2	6546.1	7130.8	8072.3	9222.0	10688.8	10654.1	10312.2
37.5°	9157.6	7809.7	7031.7	7046.6	7675.9	8409.3	9484.6	11278.5	11219.0	10986.1
40°	9326.0	8176.4	7641.2	7680.8	8151.6	8785.9	9950.4	11575.8	12016.8	11674.9
42.5°	9350.8	8503.4	8339.9	8657.1	9098.1	9370.6	10138.7	11778.9	12413.2	12190.2
45°	9445.0	9023.8	9479.7	9712.6	10074.3	9886.0	10128.8	12125.8	12443.0	12329.0
47.5°	9811.7	9970.2	10545.1	11253.7	11382.5	10763.1	10366.7	12180.3	12611.5	12596.6
50°	10193.2	10986.1	11793.8	12264.6	12428.1	11367.7	10589.7	12135.7	12834.4	12715.5
52.5°	10619.4	11868.1	13032.7	13612.4	13523.2	12036.6	10842.4	12497.5	13245.7	13206.1
55°	10887.0	12264.6	13830.5	14638.2	14568.8	12784.9	11645.2	13017.8	13785.9	13686.8
57.5°	11595.6	12908.8	14623.3	14999.9	15183.3	13766.1	12205.1	13870.1	14236.8	14345.8
60°	12180.3	13330.0	14831.5	15376.6	15441.0	14350.8	13186.3	14747.2	14811.6	14444.9
62.5°	13037.6	13493.5	14390.4	14881.0	15213.0	14682.8	14068.3	15218.0	14801.7	14777.0
65°	13667.0	12958.3	13567.8	13840.4	14053.5	14177.4	14955.4	15540.1	14618.4	14137.7
67.5°	13315.1	11947.4	11833.5	11848.3	11912.7	12661.0	14658.0	14752.2	13597.6	13201.1
70°	11719.5	9801.8	9648.1	9767.1	9445.0	10346.8	13453.9	13409.3	11997.0	11585.7
72.5°	9479.7	7145.7	6883.0	7046.6	7120.9	8077.3	11318.1	10168.4	8751.2	8429.1
75°	7532.2	5237.8	4420.2	4816.6	5069.4	5882.0	8840.4	6907.8	6110.0	5673.9
77.5°	5916.7	3964.3	3439.0	3280.5	3513.4	4276.5	6432.1	3627.3	3201.2	2998.0
80°	3751.2	2913.8	3161.5	2933.6	3032.7	3052.5	3349.8	1650.1	1313.2	1298.3
82.5°	2259.7	1992.1	2368.7	1303.3	2373.6	2120.9	1392.5	748.3	664.0	664.0
85°	1600.6	1233.9	817.6	530.2	1055.5	1164.5	540.1	386.5	337.0	327.1
87.5°	802.8	381.6	183.3	118.9	133.8	218.0	64.4	29.7	29.7	24.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)