

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: P599136

Luminaire Tested: **IFLD-L-SA8C-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: P599136
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-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

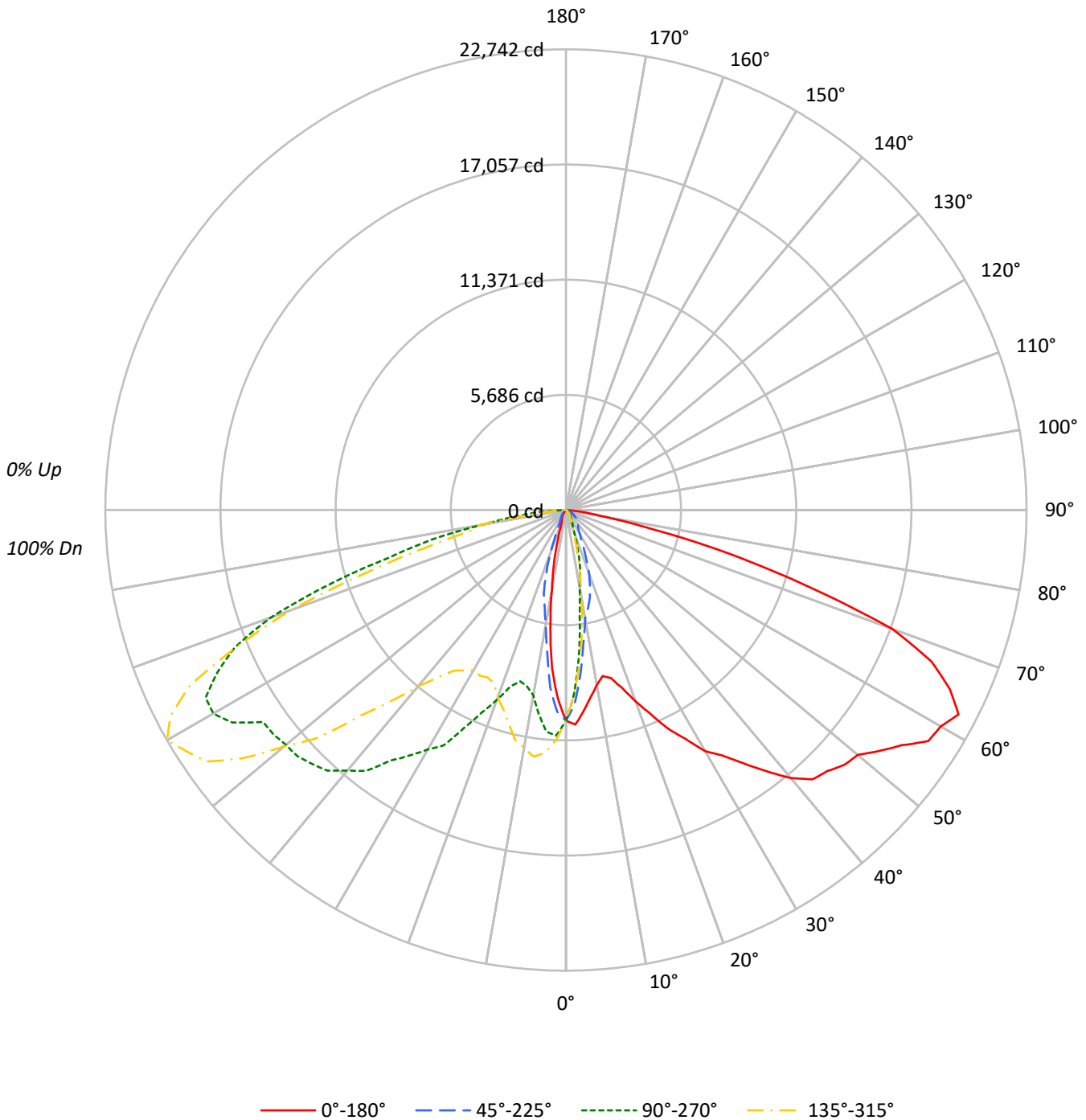
Lumens per Lamp: N/A
 Luminaire Lumens: 27183.8 lumens
 Efficiency: N/A
 Efficacy: 64.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 420.3
 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



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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°	55931	55931	55931	55931
5°	53848	39357	42366	59352
10°	47943	21428	21708	50746
15°	47859	14292	8739	48757
20°	57464	7136	3484	57128
25°	70679	4483	2698	70331
30°	85398	3598	2050	84852
35°	100204	2889	1589	99193
40°	121310	2472	1030	117963
45°	138785	2232	558	134936
50°	157459	2148	123	151015
55°	189937	2063	0	171232
60°	229957	1735	0	216309
65°	266276	1400	0	242010
70°	269631	1153	0	244029
75°	174497	761	0	187147
80°	59514	226	0	132426
85°	29869	0	0	97301

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	787.2	2.9
10°-20°	1524.4	5.6
20°-30°	2123.1	7.8
30°-40°	3016.6	11.1
40°-50°	4183.2	15.4
50°-60°	5699.8	21.0
60°-70°	6266.5	23.1
70°-80°	3080.0	11.3
80°-90°	503.0	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°	4434.7	16.3
0°-40°	7451.3	27.4
0°-60°	17334.3	63.8
0°-90°	27183.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27183.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10392	10392	10392	10392	10392	
5°	9967	7285	7842	10986	9967	912
15°	8589	2565	1568	8751	8589	2542
25°	11902	755	454	11844	11902	5534
35°	15251	440	242	15098	15251	9681
45°	18234	293	73	17728	18234	14135
55°	20242	220	0	18249	20242	18209
65°	20909	110	0	19004	20909	20206
75°	8392	37	0	9000	8392	9149
85°	484	0	0	1576	484	669
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°	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3
2.5°	10604.9	10729.5	10612.2	10201.8	10128.5	9930.6	9630.1	9608.1	9293.0	9329.6	9161.1
5°	9967.3	10091.9	9842.7	9300.3	8794.6	8391.6	8149.7	7717.3	7622.0	7409.5	7409.5
7.5°	9315.0	9307.7	8882.6	8428.2	7673.3	6933.1	6596.0	5973.0	5606.6	5408.7	5218.2
10°	8772.7	8655.4	8391.6	7453.5	6632.6	5863.1	5445.3	5034.9	4653.8	4324.0	3994.2
12.5°	8391.6	8464.8	8047.1	7028.4	5965.7	5430.7	4983.6	4551.2	4096.8	3723.1	3356.6
15°	8589.4	8472.2	7981.1	6933.1	5855.8	5122.9	4529.2	4001.6	3495.9	3004.8	2726.3
17.5°	9205.1	8904.6	8325.6	6933.1	5628.6	4653.8	3935.6	3312.6	2770.3	2330.6	1986.1
20°	10033.2	9688.8	9065.8	7189.6	5460.0	4309.4	3327.3	2543.1	1978.8	1568.4	1304.5
22.5°	10883.4	10612.2	9674.1	7292.2	5262.1	3847.7	2623.7	1839.5	1319.2	1055.4	923.4
25°	11902.1	11521.0	10494.9	7702.6	4969.0	3400.6	2066.7	1282.6	982.1	842.8	762.2
27.5°	12715.6	12649.6	11264.5	7951.8	4749.1	3034.2	1634.3	1018.7	813.5	710.9	659.6
30°	13741.6	13382.5	12202.6	8450.2	4499.9	2616.4	1363.2	916.1	747.5	637.6	601.0
32.5°	14357.3	14188.7	12693.6	8728.7	4221.4	2271.9	1172.6	806.2	681.6	601.0	564.3
35°	15251.4	14914.2	13397.2	8904.6	4074.9	2074.1	1055.4	732.9	571.7	491.0	447.1
37.5°	16248.1	16123.5	14240.0	8897.2	3862.3	1956.8	974.7	681.6	542.3	454.4	403.1
40°	17266.8	16761.1	14753.0	9102.5	3752.4	1868.9	916.1	652.3	513.0	432.4	366.4
42.5°	18029.0	17450.0	15346.7	9029.2	3620.5	1715.0	894.1	608.3	491.0	395.8	337.1
45°	18234.2	18029.0	15881.7	9007.2	3525.2	1590.4	857.5	601.0	476.4	373.8	315.1
47.5°	18630.0	18490.7	16541.3	9043.8	3451.9	1495.1	769.5	615.6	454.4	351.8	300.5
50°	18805.9	18556.7	17076.3	9131.8	3283.3	1377.8	688.9	644.9	447.1	344.5	285.8
52.5°	19531.4	19311.6	17809.2	9381.0	3144.1	1223.9	608.3	615.6	461.7	322.5	271.2
55°	20242.3	19993.2	18937.8	9952.6	2946.2	1099.3	520.3	542.3	439.7	293.2	241.9
57.5°	21217.1	20806.7	19692.7	10187.1	2770.3	930.8	461.7	447.1	410.4	263.8	212.5
60°	21363.7	21532.2	19582.7	10040.6	2587.1	820.8	403.1	344.5	439.7	234.5	183.2
62.5°	21854.7	21151.1	19069.7	9703.4	2455.2	754.9	359.1	285.8	381.1	205.2	153.9
65°	20909.3	20388.9	17867.8	8618.7	2286.6	762.2	315.1	234.5	241.9	168.6	124.6
67.5°	19524.1	19113.7	15874.3	7438.8	2118.0	747.5	278.5	205.2	183.2	146.6	109.9
70°	17134.9	16248.1	13485.1	6039.0	1868.9	696.2	234.5	183.2	153.9	117.3	80.6
72.5°	12466.4	12107.3	9674.1	4668.5	1678.3	630.3	219.9	153.9	131.9	87.9	66.0
75°	8391.6	7797.9	6104.9	3063.5	1348.5	549.7	183.2	139.2	102.6	66.0	51.3
77.5°	4434.0	4192.1	3459.2	1458.4	747.5	256.5	102.6	80.6	58.6	51.3	29.3
80°	1920.2	1707.6	1495.1	593.6	263.8	117.3	66.0	44.0	36.6	29.3	14.7
82.5°	982.1	938.1	776.9	256.5	153.9	87.9	36.6	29.3	22.0	14.7	7.3
85°	483.7	498.4	410.4	80.6	87.9	51.3	7.3	7.3	0.0	0.0	0.0
87.5°	36.6	36.6	29.3	14.7	22.0	7.3	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°	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3
2.5°	9095.1	9197.7	9021.8	9131.8	9080.5	9102.5	9124.4	9065.8	9080.5	9285.7	9293.0
5°	7284.9	7482.8	7409.5	7512.1	7688.0	7600.0	7680.7	7666.0	7680.7	7710.0	7841.9
7.5°	5196.2	5137.5	5276.8	5548.0	5863.1	6053.6	5958.4	5907.1	5877.8	5804.5	5892.4
10°	3920.9	3891.6	3855.0	3935.6	4140.8	4353.3	4470.6	4272.7	4162.8	4023.5	3972.2
12.5°	3254.0	3070.8	2968.2	2843.6	2902.2	3092.8	3100.1	2909.6	2733.7	2660.4	2741.0
15°	2565.1	2440.5	2257.3	2081.4	1993.5	2140.0	2015.4	1832.2	1605.0	1575.7	1568.4
17.5°	1832.2	1758.9	1627.0	1553.7	1451.1	1414.5	1282.6	1004.1	842.8	798.8	813.5
20°	1245.9	1187.3	1179.9	1114.0	1070.0	1040.7	828.2	644.9	593.6	601.0	608.3
22.5°	923.4	894.1	857.5	850.1	813.5	776.9	608.3	542.3	505.7	505.7	527.7
25°	754.9	740.2	703.6	688.9	674.3	623.0	513.0	461.7	447.1	432.4	454.4
27.5°	644.9	637.6	615.6	593.6	579.0	527.7	447.1	403.1	388.4	388.4	388.4
30°	579.0	579.0	549.7	505.7	505.7	447.1	381.1	351.8	337.1	337.1	329.8
32.5°	542.3	527.7	491.0	461.7	439.7	381.1	337.1	307.8	285.8	285.8	293.2
35°	439.7	439.7	432.4	410.4	381.1	322.5	285.8	256.5	241.9	234.5	241.9
37.5°	388.4	366.4	337.1	344.5	329.8	278.5	241.9	219.9	197.9	197.9	197.9
40°	351.8	329.8	300.5	278.5	271.2	249.2	212.5	175.9	153.9	146.6	146.6
42.5°	315.1	300.5	256.5	219.9	212.5	212.5	161.2	131.9	109.9	109.9	109.9
45°	293.2	271.2	234.5	190.6	153.9	161.2	131.9	95.3	80.6	73.3	73.3
47.5°	278.5	256.5	205.2	161.2	117.3	117.3	95.3	66.0	51.3	44.0	44.0
50°	256.5	234.5	183.2	131.9	87.9	73.3	58.6	36.6	22.0	14.7	14.7
52.5°	241.9	219.9	161.2	109.9	73.3	51.3	36.6	7.3	0.0	0.0	0.0
55°	219.9	190.6	139.2	87.9	58.6	29.3	7.3	0.0	0.0	0.0	0.0
57.5°	190.6	168.6	109.9	66.0	36.6	7.3	0.0	0.0	0.0	0.0	0.0
60°	161.2	139.2	87.9	51.3	14.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	131.9	117.3	66.0	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	109.9	87.9	51.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	95.3	73.3	36.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	73.3	51.3	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	51.3	36.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	36.6	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	22.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.3	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°	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3
2.5°	9322.3	9542.2	9747.4	9806.0	9967.3	10414.3	10414.3	10626.9	11008.0	11147.2	11176.5
5°	7863.9	8098.4	8142.4	8596.8	8809.3	9263.7	9564.2	10282.4	10714.8	10986.0	11154.5
7.5°	5980.4	6061.0	6229.5	6654.6	7072.4	7622.0	8193.7	9109.8	9872.0	10179.8	10751.5
10°	4111.5	4353.3	4719.8	5100.9	5753.2	6361.5	7101.7	7966.5	8904.6	9285.7	9776.7
12.5°	2770.3	3107.4	3693.7	4236.1	4837.1	5452.7	6156.2	7314.2	8376.9	8904.6	9395.6
15°	1619.7	2030.1	2535.8	3415.3	4214.1	4903.0	5606.6	6779.2	8069.1	8750.7	9351.6
17.5°	820.8	945.4	1363.2	2125.4	3180.7	4309.4	5357.4	6852.5	8303.6	9139.1	9637.5
20°	615.6	652.3	769.5	1128.6	2176.7	3561.8	5122.9	6962.4	8955.9	9974.6	10245.8
22.5°	535.0	564.3	615.6	732.9	1223.9	2726.3	4793.1	7233.6	9842.7	10802.8	11374.4
25°	454.4	483.7	527.7	601.0	784.2	1854.2	4390.0	7519.4	10634.2	11843.5	12378.5
27.5°	395.8	417.7	461.7	520.3	637.6	1179.9	3693.7	7900.5	11843.5	13104.0	13243.3
30°	337.1	359.1	395.8	461.7	542.3	835.5	2711.7	7951.8	12510.4	13653.7	14042.1
32.5°	293.2	300.5	344.5	403.1	454.4	659.6	1905.5	8003.1	13001.4	14364.6	14445.2
35°	241.9	256.5	300.5	337.1	395.8	520.3	1443.8	7746.6	13639.0	15097.5	15075.5
37.5°	197.9	219.9	249.2	278.5	322.5	439.7	1150.6	7270.2	14437.9	16233.4	15544.5
40°	153.9	175.9	205.2	241.9	271.2	395.8	864.8	6552.0	15273.4	16790.4	16057.6
42.5°	109.9	124.6	153.9	190.6	241.9	329.8	623.0	5701.9	15603.2	17442.7	16673.2
45°	80.6	95.3	117.3	161.2	249.2	263.8	432.4	4925.0	15954.9	17728.5	16533.9
47.5°	44.0	58.6	87.9	139.2	219.9	197.9	307.8	4228.8	16358.0	17985.0	16643.9
50°	14.7	22.0	51.3	146.6	175.9	153.9	241.9	3855.0	16753.8	18036.3	16863.7
52.5°	0.0	0.0	29.3	153.9	131.9	117.3	212.5	3708.4	16651.2	18197.6	16724.5
55°	0.0	0.0	7.3	66.0	73.3	87.9	175.9	3701.1	17376.7	18248.9	17486.7
57.5°	0.0	0.0	0.0	22.0	44.0	73.3	153.9	3466.6	17838.5	19524.1	18512.7
60°	0.0	0.0	0.0	7.3	29.3	51.3	117.3	3261.3	18307.5	20095.8	19612.1
62.5°	0.0	0.0	0.0	0.0	7.3	22.0	80.6	2946.2	17362.1	20051.8	20674.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	51.3	2330.6	15617.8	19003.8	20088.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.3	1612.4	13675.7	17684.6	19011.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	974.7	11037.3	15507.9	16123.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.7	7878.5	12312.5	13228.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.6	4873.7	8999.9	10128.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	3158.7	6815.8	7688.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	1685.6	4272.7	4969.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	732.9	2594.4	2990.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.5	1575.7	1795.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241.9	322.5
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: P599136
 CATALOG NUMBER: IFLD-L-SA8C-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3	10392.3
2.5°	11191.2	11403.7	11484.3	11359.7	11374.4	11117.9	11081.2	10722.1	10575.6	10604.9
5°	11704.2	12012.0	12180.6	12041.3	11726.2	11235.2	10788.1	10363.0	10099.2	9967.3
7.5°	11586.9	11931.4	12143.9	12275.9	11916.7	11125.2	10443.6	9644.8	9307.7	9315.0
10°	10942.0	11660.2	12092.6	11924.1	11755.5	10964.0	9908.6	9043.8	8743.3	8772.7
12.5°	10421.7	11220.5	11477.0	11608.9	11264.5	10634.2	9923.3	8933.9	8596.8	8391.6
15°	10099.2	10692.8	10707.5	10912.7	10773.4	10773.4	10077.2	9109.8	8816.6	8589.4
17.5°	10099.2	10231.1	10216.4	10289.7	10524.3	10802.8	10465.6	9820.7	9241.7	9205.1
20°	10326.4	9916.0	9820.7	9850.0	10047.9	10876.0	11323.1	10516.9	10150.5	10033.2
22.5°	10854.1	9952.6	9373.6	9271.0	9879.3	10868.7	11872.8	11616.3	10978.6	10883.4
25°	11579.6	9886.6	9256.4	9124.4	9586.2	11132.6	12627.6	12678.9	12100.0	11902.1
27.5°	12268.5	10179.8	9241.7	9212.4	9820.7	11073.9	13148.0	13529.1	12876.8	12715.6
30°	12503.1	10473.0	9512.9	9124.4	9908.6	11286.5	13133.3	14130.1	13705.0	13741.6
32.5°	12781.5	10766.1	9542.2	9388.3	10282.4	11630.9	13551.1	15097.5	14789.7	14357.3
35°	13192.0	11161.9	9820.7	9681.4	10546.2	11938.7	13639.0	15808.4	15757.1	15251.4
37.5°	13543.7	11550.3	10399.7	10421.7	11352.4	12437.1	14027.5	16680.5	16592.6	16248.1
40°	13792.9	12092.6	11301.1	11359.7	12056.0	12994.1	14716.4	17120.2	17772.5	17266.8
42.5°	13829.6	12576.3	12334.5	12803.5	13455.8	13858.9	14994.9	17420.7	18358.8	18029.0
45°	13968.8	13345.9	14020.1	14364.6	14899.6	14621.1	14980.2	17933.7	18402.8	18234.2
47.5°	14511.2	14745.7	15595.8	16643.9	16834.4	15918.3	15332.0	18014.4	18652.0	18630.0
50°	15075.5	16248.1	17442.7	18139.0	18380.8	16812.4	15661.8	17948.4	18981.8	18805.9
52.5°	15705.8	17552.6	19274.9	20132.4	20000.5	17801.8	16035.6	18483.4	19590.1	19531.4
55°	16101.5	18139.0	20454.9	21649.5	21546.9	18908.5	17222.8	19252.9	20388.9	20242.3
57.5°	17149.6	19091.7	21627.5	22184.5	22455.7	20359.6	18051.0	20513.5	21055.8	21217.1
60°	18014.4	19714.7	21935.3	22741.5	22836.8	21224.4	19502.1	21810.7	21906.0	21363.7
62.5°	19282.3	19956.5	21283.0	22008.6	22499.6	21715.4	20806.7	22507.0	21891.3	21854.7
65°	20213.0	19165.0	20066.4	20469.5	20784.7	20967.9	22118.5	22983.3	21620.2	20909.3
67.5°	19692.7	17669.9	17501.3	17523.3	17618.6	18725.3	21678.8	21818.0	20110.4	19524.1
70°	17332.8	14496.5	14269.3	14445.2	13968.8	15302.7	19897.9	19831.9	17743.2	17134.9
72.5°	14020.1	10568.2	10179.8	10421.7	10531.6	11946.1	16739.1	15038.8	12942.8	12466.4
75°	11139.9	7746.6	6537.4	7123.7	7497.4	8699.4	13074.7	10216.4	9036.5	8391.6
77.5°	8750.7	5863.1	5086.2	4851.7	5196.2	6324.8	9512.9	5364.7	4734.4	4434.0
80°	5548.0	4309.4	4675.8	4338.7	4485.3	4514.6	4954.3	2440.5	1942.2	1920.2
82.5°	3342.0	2946.2	3503.2	1927.5	3510.5	3136.8	2059.4	1106.7	982.1	982.1
85°	2367.2	1824.9	1209.3	784.2	1561.0	1722.3	798.8	571.7	498.4	483.7
87.5°	1187.3	564.3	271.2	175.9	197.9	322.5	95.3	44.0	44.0	36.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)