

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: P599357

Luminaire Tested: **IFLD-M-SA4B-830-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: P599357
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

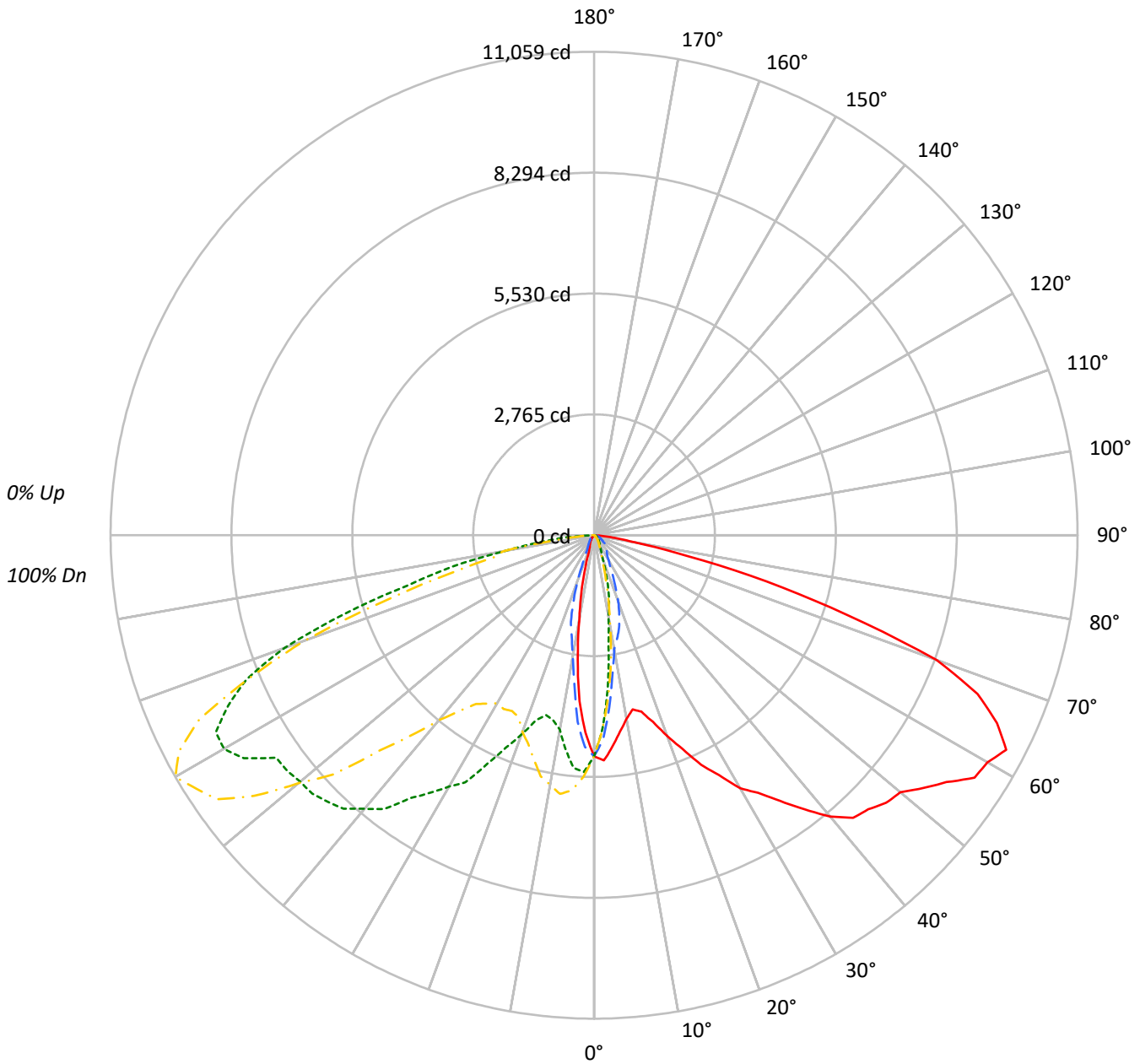
Lumens per Lamp: N/A
 Luminaire Lumens: 13219.4 lumens
 Efficiency: N/A
 Efficacy: 79.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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°	54399	54399	54399	54399
5°	52373	38278	41205	57726
10°	46628	20841	21113	49355
15°	46547	13901	8499	47421
20°	55889	6940	3388	55562
25°	68742	4360	2625	68404
30°	83057	3500	1994	82527
35°	97458	2809	1545	96475
40°	117986	2404	1002	114732
45°	134982	2171	542	131239
50°	153144	2088	119	146878
55°	184732	2006	0	166540
60°	223655	1688	0	210381
65°	258977	1363	0	235377
70°	262243	1120	0	237343
75°	169715	740	0	182017
80°	57883	223	0	128796
85°	29048	0	0	94640

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.8	2.9
10°-20°	741.3	5.6
20°-30°	1032.4	7.8
30°-40°	1467.0	11.1
40°-50°	2034.3	15.4
50°-60°	2771.8	21.0
60°-70°	3047.4	23.1
70°-80°	1497.8	11.3
80°-90°	244.6	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°	2156.6	16.3
0°-40°	3623.5	27.4
0°-60°	8429.7	63.8
0°-90°	13219.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13219.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5054	5054	5054	5054	5054	
5°	4847	3543	3814	5342	4847	444
15°	4177	1247	763	4255	4177	1236
25°	5788	367	221	5760	5788	2691
35°	7417	214	118	7342	7417	4708
45°	8867	143	36	8621	8867	6874
55°	9844	107	0	8874	9844	8855
65°	10168	54	0	9242	10168	9826
75°	4081	18	0	4377	4081	4449
85°	235	0	0	766	235	325
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°	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8
2.5°	5157.1	5217.7	5160.7	4961.1	4925.5	4829.2	4683.1	4672.4	4519.2	4537.0	4455.0
5°	4847.1	4907.7	4786.5	4522.7	4276.8	4080.8	3963.2	3752.9	3706.6	3603.2	3603.2
7.5°	4529.9	4526.3	4319.6	4098.6	3731.5	3371.6	3207.6	2904.7	2726.5	2630.2	2537.6
10°	4266.1	4209.1	4080.8	3624.6	3225.4	2851.2	2648.1	2448.5	2263.2	2102.8	1942.4
12.5°	4080.8	4116.4	3913.3	3417.9	2901.1	2640.9	2423.5	2213.3	1992.3	1810.5	1632.3
15°	4177.0	4120.0	3881.2	3371.6	2847.7	2491.2	2202.6	1946.0	1700.0	1461.2	1325.8
17.5°	4476.4	4330.3	4048.7	3371.6	2737.2	2263.2	1913.9	1610.9	1347.2	1133.4	965.8
20°	4879.1	4711.6	4408.7	3496.3	2655.2	2095.6	1618.1	1236.7	962.3	762.7	634.4
22.5°	5292.6	5160.7	4704.5	3546.2	2559.0	1871.1	1275.9	894.6	641.5	513.2	449.1
25°	5788.0	5602.6	5103.7	3745.8	2416.4	1653.7	1005.1	623.7	477.6	409.9	370.7
27.5°	6183.6	6151.5	5477.9	3867.0	2309.5	1475.5	794.8	495.4	395.6	345.7	320.8
30°	6682.5	6507.9	5934.1	4109.3	2188.3	1272.4	662.9	445.5	363.5	310.1	292.2
32.5°	6981.9	6899.9	6172.9	4244.7	2052.9	1104.8	570.2	392.0	331.5	292.2	274.4
35°	7416.7	7252.8	6515.0	4330.3	1981.6	1008.6	513.2	356.4	278.0	238.8	217.4
37.5°	7901.4	7840.8	6924.9	4326.7	1878.2	951.6	474.0	331.5	263.7	221.0	196.0
40°	8396.8	8150.9	7174.4	4426.5	1824.8	908.8	445.5	317.2	249.5	210.3	178.2
42.5°	8767.5	8485.9	7463.1	4390.9	1760.6	834.0	434.8	295.8	238.8	192.5	163.9
45°	8867.3	8767.5	7723.2	4380.2	1714.3	773.4	417.0	292.2	231.7	181.8	153.3
47.5°	9059.7	8992.0	8044.0	4398.0	1678.7	727.1	374.2	299.4	221.0	171.1	146.1
50°	9145.3	9024.1	8304.2	4440.8	1596.7	670.0	335.0	313.6	217.4	167.5	139.0
52.5°	9498.1	9391.2	8660.6	4561.9	1529.0	595.2	295.8	299.4	224.5	156.8	131.9
55°	9843.8	9722.6	9209.4	4839.9	1432.7	534.6	253.0	263.7	213.8	142.6	117.6
57.5°	10317.8	10118.3	9576.5	4954.0	1347.2	452.6	224.5	217.4	199.6	128.3	103.4
60°	10389.1	10471.1	9523.1	4882.7	1258.1	399.2	196.0	167.5	213.8	114.0	89.1
62.5°	10627.9	10285.8	9273.6	4718.8	1193.9	367.1	174.6	139.0	185.3	99.8	74.8
65°	10168.1	9915.1	8689.1	4191.3	1112.0	370.7	153.3	114.0	117.6	82.0	60.6
67.5°	9494.5	9295.0	7719.7	3617.5	1030.0	363.5	135.4	99.8	89.1	71.3	53.5
70°	8332.7	7901.4	6557.8	2936.8	908.8	338.6	114.0	89.1	74.8	57.0	39.2
72.5°	6062.4	5887.8	4704.5	2270.3	816.2	306.5	106.9	74.8	64.2	42.8	32.1
75°	4080.8	3792.1	2968.8	1489.8	655.8	267.3	89.1	67.7	49.9	32.1	24.9
77.5°	2156.2	2038.6	1682.2	709.2	363.5	124.7	49.9	39.2	28.5	24.9	14.3
80°	933.8	830.4	727.1	288.7	128.3	57.0	32.1	21.4	17.8	14.3	7.1
82.5°	477.6	456.2	377.8	124.7	74.8	42.8	17.8	14.3	10.7	7.1	3.6
85°	235.2	242.4	199.6	39.2	42.8	24.9	3.6	3.6	0.0	0.0	0.0
87.5°	17.8	17.8	14.3	7.1	10.7	3.6	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°	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8
2.5°	4422.9	4472.8	4387.3	4440.8	4415.8	4426.5	4437.2	4408.7	4415.8	4515.6	4519.2
5°	3542.6	3638.9	3603.2	3653.1	3738.7	3695.9	3735.1	3728.0	3735.1	3749.3	3813.5
7.5°	2526.9	2498.4	2566.1	2698.0	2851.2	2943.9	2897.5	2872.6	2858.3	2822.7	2865.5
10°	1906.8	1892.5	1874.7	1913.9	2013.7	2117.0	2174.1	2077.8	2024.4	1956.6	1931.7
12.5°	1582.4	1493.3	1443.4	1382.8	1411.4	1504.0	1507.6	1414.9	1329.4	1293.7	1332.9
15°	1247.4	1186.8	1097.7	1012.2	969.4	1040.7	980.1	891.0	780.5	766.3	762.7
17.5°	891.0	855.4	791.2	755.6	705.7	687.9	623.7	488.3	409.9	388.5	395.6
20°	605.9	577.4	573.8	541.7	520.3	506.1	402.7	313.6	288.7	292.2	295.8
22.5°	449.1	434.8	417.0	413.4	395.6	377.8	295.8	263.7	245.9	245.9	256.6
25°	367.1	360.0	342.1	335.0	327.9	302.9	249.5	224.5	217.4	210.3	221.0
27.5°	313.6	310.1	299.4	288.7	281.6	256.6	217.4	196.0	188.9	188.9	188.9
30°	281.6	281.6	267.3	245.9	245.9	217.4	185.3	171.1	163.9	163.9	160.4
32.5°	263.7	256.6	238.8	224.5	213.8	185.3	163.9	149.7	139.0	139.0	142.6
35°	213.8	213.8	210.3	199.6	185.3	156.8	139.0	124.7	117.6	114.0	117.6
37.5°	188.9	178.2	163.9	167.5	160.4	135.4	117.6	106.9	96.2	96.2	96.2
40°	171.1	160.4	146.1	135.4	131.9	121.2	103.4	85.5	74.8	71.3	71.3
42.5°	153.3	146.1	124.7	106.9	103.4	103.4	78.4	64.2	53.5	53.5	53.5
45°	142.6	131.9	114.0	92.7	74.8	78.4	64.2	46.3	39.2	35.6	35.6
47.5°	135.4	124.7	99.8	78.4	57.0	57.0	46.3	32.1	24.9	21.4	21.4
50°	124.7	114.0	89.1	64.2	42.8	35.6	28.5	17.8	10.7	7.1	7.1
52.5°	117.6	106.9	78.4	53.5	35.6	24.9	17.8	3.6	0.0	0.0	0.0
55°	106.9	92.7	67.7	42.8	28.5	14.3	3.6	0.0	0.0	0.0	0.0
57.5°	92.7	82.0	53.5	32.1	17.8	3.6	0.0	0.0	0.0	0.0	0.0
60°	78.4	67.7	42.8	24.9	7.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	64.2	57.0	32.1	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	53.5	42.8	24.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	46.3	35.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	35.6	24.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	24.9	17.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	17.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.6	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°	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8
2.5°	4533.4	4640.4	4740.1	4768.7	4847.1	5064.5	5064.5	5167.8	5353.2	5420.9	5435.1
5°	3824.2	3938.2	3959.6	4180.6	4284.0	4504.9	4651.0	5000.3	5210.6	5342.5	5424.4
7.5°	2908.2	2947.4	3029.4	3236.1	3439.3	3706.6	3984.6	4430.1	4800.7	4950.4	5228.4
10°	1999.4	2117.0	2295.2	2480.6	2797.8	3093.6	3453.5	3874.1	4330.3	4515.6	4754.4
12.5°	1347.2	1511.1	1796.3	2060.0	2352.3	2651.6	2993.8	3556.9	4073.7	4330.3	4569.1
15°	787.6	987.2	1233.2	1660.8	2049.3	2384.3	2726.5	3296.7	3924.0	4255.4	4547.7
17.5°	399.2	459.8	662.9	1033.6	1546.8	2095.6	2605.3	3332.4	4038.0	4444.3	4686.7
20°	299.4	317.2	374.2	548.9	1058.5	1732.1	2491.2	3385.8	4355.2	4850.6	4982.5
22.5°	260.2	274.4	299.4	356.4	595.2	1325.8	2330.9	3517.7	4786.5	5253.4	5531.4
25°	221.0	235.2	256.6	292.2	381.4	901.7	2134.8	3656.7	5171.4	5759.5	6019.6
27.5°	192.5	203.1	224.5	253.0	310.1	573.8	1796.3	3842.0	5759.5	6372.5	6440.2
30°	163.9	174.6	192.5	224.5	263.7	406.3	1318.7	3867.0	6083.8	6639.8	6828.7
32.5°	142.6	146.1	167.5	196.0	221.0	320.8	926.6	3891.9	6322.6	6985.5	7024.7
35°	117.6	124.7	146.1	163.9	192.5	253.0	702.1	3767.2	6632.6	7341.9	7331.2
37.5°	96.2	106.9	121.2	135.4	156.8	213.8	559.6	3535.5	7021.1	7894.3	7559.3
40°	74.8	85.5	99.8	117.6	131.9	192.5	420.6	3186.2	7427.4	8165.2	7808.8
42.5°	53.5	60.6	74.8	92.7	117.6	160.4	302.9	2772.8	7587.8	8482.4	8108.1
45°	39.2	46.3	57.0	78.4	121.2	128.3	210.3	2395.0	7758.9	8621.4	8040.4
47.5°	21.4	28.5	42.8	67.7	106.9	96.2	149.7	2056.4	7954.9	8746.1	8093.9
50°	7.1	10.7	24.9	71.3	85.5	74.8	117.6	1874.7	8147.3	8771.1	8200.8
52.5°	0.0	0.0	14.3	74.8	64.2	57.0	103.4	1803.4	8097.5	8849.5	8133.1
55°	0.0	0.0	3.6	32.1	35.6	42.8	85.5	1799.8	8450.3	8874.4	8503.8
57.5°	0.0	0.0	0.0	10.7	21.4	35.6	74.8	1685.8	8674.8	9494.5	9002.7
60°	0.0	0.0	0.0	3.6	14.3	24.9	57.0	1586.0	8902.9	9772.5	9537.3
62.5°	0.0	0.0	0.0	0.0	3.6	10.7	39.2	1432.7	8443.2	9751.2	10054.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	24.9	1133.4	7594.9	9241.5	9769.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.3	784.1	6650.5	8600.0	9245.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	474.0	5367.4	7541.5	7840.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.1	3831.3	5987.6	6433.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.0	2370.1	4376.6	4925.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1	1536.1	3314.5	3738.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	819.7	2077.8	2416.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356.4	1261.7	1454.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.0	766.3	873.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.6	156.8
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: P599357
 CATALOG NUMBER: IFLD-M-SA4B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8	5053.8
2.5°	5442.3	5545.6	5584.8	5524.2	5531.4	5406.6	5388.8	5214.2	5142.9	5157.1
5°	5691.7	5841.4	5923.4	5855.7	5702.4	5463.6	5246.2	5039.5	4911.2	4847.1
7.5°	5634.7	5802.2	5905.6	5969.7	5795.1	5410.2	5078.7	4690.2	4526.3	4529.9
10°	5321.1	5670.4	5880.6	5798.7	5716.7	5331.8	4818.6	4398.0	4251.9	4266.1
12.5°	5068.0	5456.5	5581.3	5645.4	5477.9	5171.4	4825.7	4344.5	4180.6	4080.8
15°	4911.2	5199.9	5207.0	5306.8	5239.1	5239.1	4900.5	4430.1	4287.5	4177.0
17.5°	4911.2	4975.4	4968.2	5003.9	5117.9	5253.4	5089.4	4775.8	4494.2	4476.4
20°	5021.7	4822.1	4775.8	4790.0	4886.3	5289.0	5506.4	5114.4	4936.2	4879.1
22.5°	5278.3	4839.9	4558.4	4508.5	4804.3	5285.4	5773.7	5649.0	5338.9	5292.6
25°	5631.2	4807.9	4501.4	4437.2	4661.7	5413.7	6140.8	6165.8	5884.2	5788.0
27.5°	5966.2	4950.4	4494.2	4480.0	4775.8	5385.2	6393.9	6579.2	6262.0	6183.6
30°	6080.2	5093.0	4626.1	4437.2	4818.6	5488.6	6386.7	6871.4	6664.7	6682.5
32.5°	6215.6	5235.5	4640.4	4565.5	5000.3	5656.1	6589.9	7341.9	7192.2	6981.9
35°	6415.2	5428.0	4775.8	4708.1	5128.6	5805.8	6632.6	7687.6	7662.6	7416.7
37.5°	6586.3	5616.9	5057.3	5068.0	5520.7	6048.1	6821.5	8111.7	8068.9	7901.4
40°	6707.5	5880.6	5495.7	5524.2	5862.8	6319.0	7156.6	8325.5	8642.7	8396.8
42.5°	6725.3	6115.9	5998.2	6226.3	6543.5	6739.6	7292.0	8471.7	8927.9	8767.5
45°	6793.0	6490.1	6818.0	6985.5	7245.7	7110.2	7284.9	8721.2	8949.3	8867.3
47.5°	7056.8	7170.8	7584.2	8093.9	8186.6	7741.1	7455.9	8760.4	9070.4	9059.7
50°	7331.2	7901.4	8482.4	8820.9	8938.6	8175.9	7616.3	8728.3	9230.8	9145.3
52.5°	7637.7	8535.8	9373.4	9790.4	9726.2	8657.0	7798.1	8988.5	9526.6	9498.1
55°	7830.2	8820.9	9947.2	10528.1	10478.2	9195.2	8375.4	9362.7	9915.1	9843.8
57.5°	8339.8	9284.3	10517.4	10788.3	10920.2	9900.8	8778.2	9975.7	10239.4	10317.8
60°	8760.4	9587.2	10667.1	11059.2	11105.5	10321.4	9483.9	10606.5	10652.9	10389.1
62.5°	9376.9	9704.8	10349.9	10702.8	10941.5	10560.2	10118.3	10945.1	10645.7	10627.9
65°	9829.6	9319.9	9758.3	9954.3	10107.6	10196.7	10756.2	11176.8	10513.9	10168.1
67.5°	9576.5	8592.9	8510.9	8521.6	8567.9	9106.1	10542.4	10610.1	9779.7	9494.5
70°	8428.9	7049.6	6939.1	7024.7	6793.0	7441.7	9676.3	9644.2	8628.5	8332.7
72.5°	6818.0	5139.3	4950.4	5068.0	5121.5	5809.4	8140.2	7313.4	6294.1	6062.4
75°	5417.3	3767.2	3179.1	3464.2	3646.0	4230.5	6358.2	4968.2	4394.4	4080.8
77.5°	4255.4	2851.2	2473.4	2359.4	2526.9	3075.7	4626.1	2608.9	2302.4	2156.2
80°	2698.0	2095.6	2273.8	2109.9	2181.2	2195.4	2409.3	1186.8	944.5	933.8
82.5°	1625.2	1432.7	1703.6	937.3	1707.2	1525.4	1001.5	538.2	477.6	477.6
85°	1151.2	887.4	588.1	381.4	759.1	837.5	388.5	278.0	242.4	235.2
87.5°	577.4	274.4	131.9	85.5	96.2	156.8	46.3	21.4	21.4	17.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)