

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: P599358

Luminaire Tested: **IFLD-M-SA4C-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: P599358
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-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

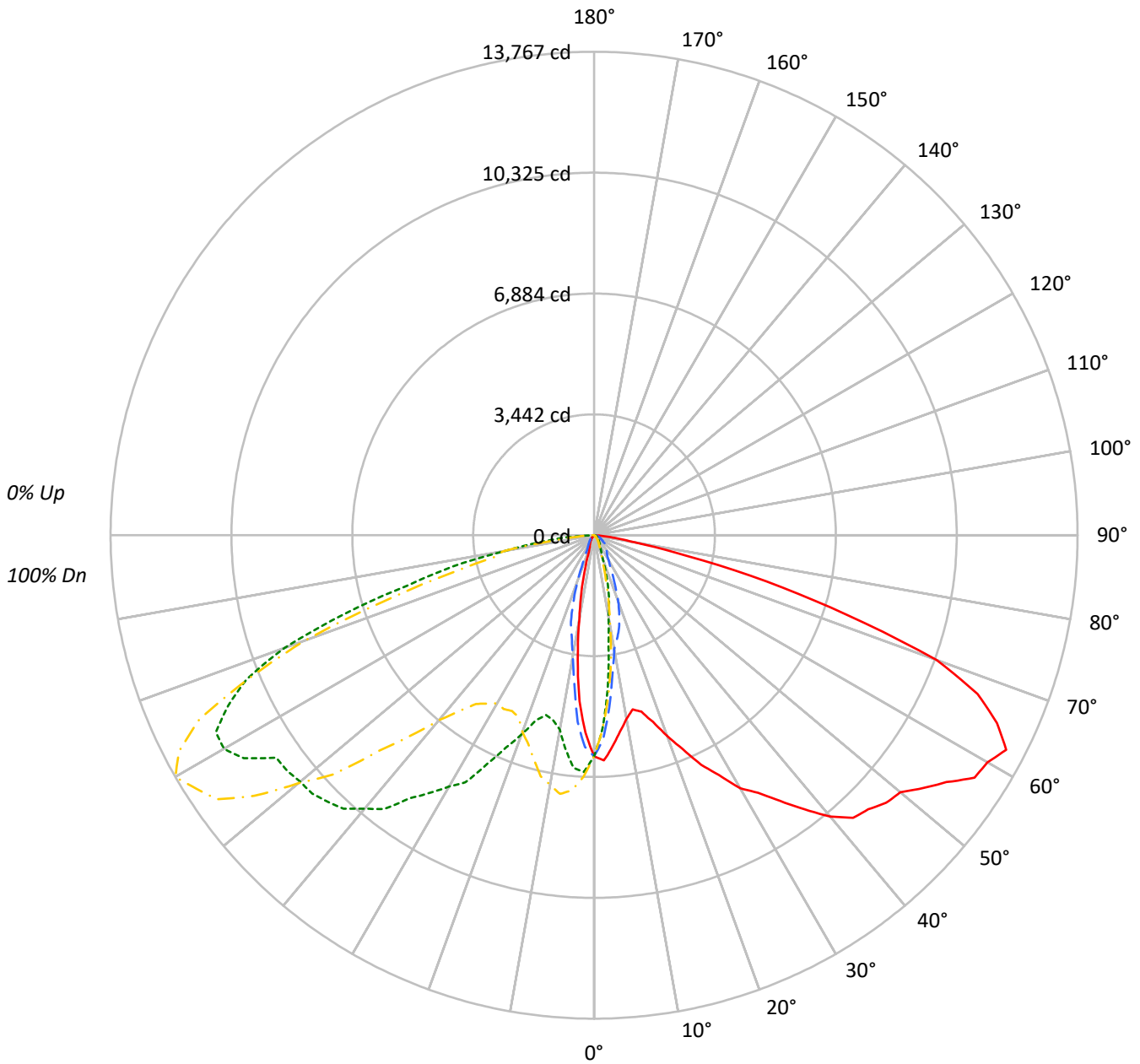
Lumens per Lamp: N/A
 Luminaire Lumens: 16456.2 lumens
 Efficiency: N/A
 Efficacy: 75.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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°	67718	67718	67718	67718
5°	65196	47650	51294	71860
10°	58046	25943	26283	61441
15°	57945	17304	10580	59032
20°	69574	8639	4218	69167
25°	85574	5428	3267	85152
30°	103395	4356	2482	102733
35°	121321	3498	1924	120096
40°	146875	2993	1246	142823
45°	168032	2702	676	163372
50°	190641	2601	149	182839
55°	229964	2498	0	207317
60°	278417	2101	0	261893
65°	322389	1696	0	293010
70°	326452	1397	0	295455
75°	211270	923	0	226583
80°	72054	273	0	160335
85°	36161	0	0	117809

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.6	2.9
10°-20°	922.8	5.6
20°-30°	1285.2	7.8
30°-40°	1826.2	11.1
40°-50°	2532.4	15.4
50°-60°	3450.5	21.0
60°-70°	3793.6	23.1
70°-80°	1864.5	11.3
80°-90°	304.5	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°	2684.6	16.3
0°-40°	4510.8	27.4
0°-60°	10493.7	63.8
0°-90°	16456.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16456.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6291	6291	6291	6291	6291	
5°	6034	4410	4747	6651	6034	552
15°	5200	1553	949	5297	5200	1539
25°	7205	457	275	7170	7205	3350
35°	9233	266	146	9140	9233	5861
45°	11038	178	44	10732	11038	8557
55°	12254	133	0	11047	12254	11023
65°	12658	67	0	11504	12658	12232
75°	5080	22	0	5448	5080	5538
85°	293	0	0	954	293	405
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°	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2
2.5°	6419.9	6495.3	6424.3	6175.8	6131.5	6011.7	5829.8	5816.5	5625.7	5647.9	5545.8
5°	6033.9	6109.3	5958.4	5630.1	5324.0	5080.0	4933.6	4671.8	4614.1	4485.5	4485.5
7.5°	5639.0	5634.6	5377.2	5102.2	4645.2	4197.1	3993.0	3615.9	3394.1	3274.3	3158.9
10°	5310.7	5239.7	5080.0	4512.1	4015.2	3549.3	3296.4	3048.0	2817.3	2617.6	2418.0
12.5°	5080.0	5124.4	4871.5	4254.8	3611.4	3287.6	3016.9	2755.2	2480.1	2253.8	2032.0
15°	5199.8	5128.8	4831.5	4197.1	3544.9	3101.2	2741.9	2422.4	2116.3	1819.0	1650.4
17.5°	5572.5	5390.6	5040.1	4197.1	3407.4	2817.3	2382.5	2005.4	1677.1	1410.9	1202.3
20°	6073.8	5865.3	5488.2	4352.4	3305.3	2608.8	2014.2	1539.5	1197.9	949.4	789.7
22.5°	6588.5	6424.3	5856.4	4414.5	3185.5	2329.3	1588.3	1113.6	798.6	638.9	559.0
25°	7205.2	6974.4	6353.3	4662.9	3008.1	2058.6	1251.1	776.4	594.5	510.2	461.4
27.5°	7697.6	7657.7	6819.2	4813.8	2875.0	1836.8	989.4	616.7	492.5	430.4	399.3
30°	8318.8	8101.4	7387.1	5115.5	2724.1	1583.9	825.2	554.6	452.5	386.0	363.8
32.5°	8691.4	8589.4	7684.3	5284.1	2555.5	1375.4	709.9	488.0	412.6	363.8	341.6
35°	9232.7	9028.6	8110.2	5390.6	2466.8	1255.6	638.9	443.7	346.1	297.3	270.6
37.5°	9836.1	9760.7	8620.4	5386.1	2338.1	1184.6	590.1	412.6	328.3	275.1	244.0
40°	10452.8	10146.7	8931.0	5510.3	2271.6	1131.4	554.6	394.9	310.6	261.8	221.8
42.5°	10914.2	10563.7	9290.4	5466.0	2191.7	1038.2	541.3	368.2	297.3	239.6	204.1
45°	11038.4	10914.2	9614.3	5452.7	2134.0	962.8	519.1	363.8	288.4	226.3	190.8
47.5°	11278.0	11193.7	10013.6	5474.9	2089.7	905.1	465.9	372.7	275.1	213.0	181.9
50°	11384.5	11233.6	10337.4	5528.1	1987.6	834.1	417.0	390.4	270.6	208.5	173.0
52.5°	11823.7	11690.6	10781.1	5678.9	1903.3	740.9	368.2	372.7	279.5	195.2	164.2
55°	12254.1	12103.2	11464.4	6025.0	1783.5	665.5	315.0	328.3	266.2	177.5	146.4
57.5°	12844.2	12595.7	11921.3	6167.0	1677.1	563.5	279.5	270.6	248.5	159.7	128.7
60°	12932.9	13034.9	11854.8	6078.2	1566.1	496.9	244.0	208.5	266.2	142.0	110.9
62.5°	13230.1	12804.2	11544.2	5874.2	1486.3	457.0	217.4	173.0	230.7	124.2	93.2
65°	12657.8	12342.8	10816.6	5217.5	1384.2	461.4	190.8	142.0	146.4	102.0	75.4
67.5°	11819.3	11570.8	9609.8	4503.2	1282.2	452.5	168.6	124.2	110.9	88.7	66.6
70°	10372.9	9836.1	8163.5	3655.8	1131.4	421.5	142.0	110.9	93.2	71.0	48.8
72.5°	7546.8	7329.4	5856.4	2826.2	1016.0	381.6	133.1	93.2	79.9	53.2	39.9
75°	5080.0	4720.6	3695.7	1854.5	816.3	332.8	110.9	84.3	62.1	39.9	31.1
77.5°	2684.2	2537.8	2094.1	882.9	452.5	155.3	62.1	48.8	35.5	31.1	17.7
80°	1162.4	1033.7	905.1	359.4	159.7	71.0	39.9	26.6	22.2	17.7	8.9
82.5°	594.5	567.9	470.3	155.3	93.2	53.2	22.2	17.7	13.3	8.9	4.4
85°	292.8	301.7	248.5	48.8	53.2	31.1	4.4	4.4	0.0	0.0	0.0
87.5°	22.2	22.2	17.7	8.9	13.3	4.4	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°	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2
2.5°	5505.9	5568.0	5461.5	5528.1	5497.0	5510.3	5523.7	5488.2	5497.0	5621.3	5625.7
5°	4410.0	4529.8	4485.5	4547.6	4654.1	4600.8	4649.6	4640.8	4649.6	4667.4	4747.2
7.5°	3145.6	3110.1	3194.4	3358.6	3549.3	3664.7	3607.0	3576.0	3558.2	3513.8	3567.1
10°	2373.6	2355.9	2333.7	2382.5	2506.7	2635.4	2706.4	2586.6	2520.0	2435.7	2404.7
12.5°	1969.9	1859.0	1796.9	1721.4	1756.9	1872.3	1876.7	1761.4	1654.9	1610.5	1659.3
15°	1552.8	1477.4	1366.5	1260.0	1206.8	1295.5	1220.1	1109.2	971.6	953.9	949.4
17.5°	1109.2	1064.8	984.9	940.6	878.5	856.3	776.4	607.8	510.2	483.6	492.5
20°	754.2	718.7	714.3	674.4	647.8	630.0	501.3	390.4	359.4	363.8	368.2
22.5°	559.0	541.3	519.1	514.7	492.5	470.3	368.2	328.3	306.1	306.1	319.4
25°	457.0	448.1	425.9	417.0	408.2	377.1	310.6	279.5	270.6	261.8	275.1
27.5°	390.4	386.0	372.7	359.4	350.5	319.4	270.6	244.0	235.1	235.1	235.1
30°	350.5	350.5	332.8	306.1	306.1	270.6	230.7	213.0	204.1	204.1	199.7
32.5°	328.3	319.4	297.3	279.5	266.2	230.7	204.1	186.3	173.0	173.0	177.5
35°	266.2	266.2	261.8	248.5	230.7	195.2	173.0	155.3	146.4	142.0	146.4
37.5°	235.1	221.8	204.1	208.5	199.7	168.6	146.4	133.1	119.8	119.8	119.8
40°	213.0	199.7	181.9	168.6	164.2	150.8	128.7	106.5	93.2	88.7	88.7
42.5°	190.8	181.9	155.3	133.1	128.7	128.7	97.6	79.9	66.6	66.6	66.6
45°	177.5	164.2	142.0	115.4	93.2	97.6	79.9	57.7	48.8	44.4	44.4
47.5°	168.6	155.3	124.2	97.6	71.0	71.0	57.7	39.9	31.1	26.6	26.6
50°	155.3	142.0	110.9	79.9	53.2	44.4	35.5	22.2	13.3	8.9	8.9
52.5°	146.4	133.1	97.6	66.6	44.4	31.1	22.2	4.4	0.0	0.0	0.0
55°	133.1	115.4	84.3	53.2	35.5	17.7	4.4	0.0	0.0	0.0	0.0
57.5°	115.4	102.0	66.6	39.9	22.2	4.4	0.0	0.0	0.0	0.0	0.0
60°	97.6	84.3	53.2	31.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	79.9	71.0	39.9	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	66.6	53.2	31.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	57.7	44.4	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	44.4	31.1	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	31.1	22.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.4	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°	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2
2.5°	5643.4	5776.5	5900.8	5936.3	6033.9	6304.5	6304.5	6433.2	6663.9	6748.2	6765.9
5°	4760.5	4902.5	4929.1	5204.2	5332.9	5608.0	5789.9	6224.6	6486.4	6650.6	6752.6
7.5°	3620.3	3669.1	3771.2	4028.5	4281.4	4614.1	4960.2	5514.8	5976.2	6162.5	6508.6
10°	2489.0	2635.4	2857.2	3087.9	3482.8	3851.0	4299.1	4822.7	5390.6	5621.3	5918.5
12.5°	1677.1	1881.1	2236.1	2564.4	2928.2	3300.9	3726.8	4427.8	5071.1	5390.6	5687.8
15°	980.5	1229.0	1535.1	2067.5	2551.1	2968.1	3394.1	4103.9	4884.8	5297.4	5661.2
17.5°	496.9	572.3	825.2	1286.6	1925.5	2608.8	3243.2	4148.3	5026.7	5532.5	5834.2
20°	372.7	394.9	465.9	683.2	1317.7	2156.2	3101.2	4214.8	5421.6	6038.3	6202.5
22.5°	323.9	341.6	372.7	443.7	740.9	1650.4	2901.6	4379.0	5958.4	6539.7	6885.7
25°	275.1	292.8	319.4	363.8	474.7	1122.5	2657.6	4552.0	6437.6	7169.7	7493.5
27.5°	239.6	252.9	279.5	315.0	386.0	714.3	2236.1	4782.7	7169.7	7932.8	8017.1
30°	204.1	217.4	239.6	279.5	328.3	505.8	1641.6	4813.8	7573.4	8265.5	8500.7
32.5°	177.5	181.9	208.5	244.0	275.1	399.3	1153.5	4844.8	7870.7	8695.9	8744.7
35°	146.4	155.3	181.9	204.1	239.6	315.0	874.0	4689.6	8256.6	9139.5	9126.2
37.5°	119.8	133.1	150.8	168.6	195.2	266.2	696.6	4401.2	8740.2	9827.2	9410.2
40°	93.2	106.5	124.2	146.4	164.2	239.6	523.5	3966.4	9246.0	10164.4	9720.7
42.5°	66.6	75.4	93.2	115.4	146.4	199.7	377.1	3451.7	9445.7	10559.3	10093.4
45°	48.8	57.7	71.0	97.6	150.8	159.7	261.8	2981.4	9658.6	10732.3	10009.1
47.5°	26.6	35.5	53.2	84.3	133.1	119.8	186.3	2560.0	9902.6	10887.6	10075.7
50°	8.9	13.3	31.1	88.7	106.5	93.2	146.4	2333.7	10142.2	10918.6	10208.8
52.5°	0.0	0.0	17.7	93.2	79.9	71.0	128.7	2245.0	10080.1	11016.3	10124.5
55°	0.0	0.0	4.4	39.9	44.4	53.2	106.5	2240.5	10519.3	11047.3	10585.9
57.5°	0.0	0.0	0.0	13.3	26.6	44.4	93.2	2098.5	10798.9	11819.3	11207.0
60°	0.0	0.0	0.0	4.4	17.7	31.1	71.0	1974.3	11082.8	12165.3	11872.5
62.5°	0.0	0.0	0.0	0.0	4.4	13.3	48.8	1783.5	10510.5	12138.7	12515.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	31.1	1410.9	9454.5	11504.3	12160.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	17.7	976.1	8278.8	10705.7	11508.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	590.1	6681.6	9388.0	9760.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.9	4769.4	7453.6	8008.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0	2950.4	5448.2	6131.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.9	1912.2	4126.1	4654.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	1020.4	2586.6	3008.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	443.7	1570.6	1810.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142.0	953.9	1087.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.4	195.2
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: P599358
 CATALOG NUMBER: IFLD-M-SA4C-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2	6291.2
2.5°	6774.8	6903.5	6952.3	6876.8	6885.7	6730.4	6708.2	6490.8	6402.1	6419.9
5°	7085.4	7271.7	7373.7	7289.4	7098.7	6801.4	6530.8	6273.5	6113.7	6033.9
7.5°	7014.4	7222.9	7351.6	7431.4	7214.0	6734.9	6322.3	5838.7	5634.6	5639.0
10°	6623.9	7058.7	7320.5	7218.5	7116.4	6637.3	5998.4	5474.9	5292.9	5310.7
12.5°	6308.9	6792.5	6947.8	7027.7	6819.2	6437.6	6007.3	5408.3	5204.2	5080.0
15°	6113.7	6473.1	6482.0	6606.2	6521.9	6521.9	6100.4	5514.8	5337.3	5199.8
17.5°	6113.7	6193.6	6184.7	6229.1	6371.1	6539.7	6335.6	5945.1	5594.6	5572.5
20°	6251.3	6002.8	5945.1	5962.9	6082.7	6584.0	6854.7	6366.6	6144.8	6073.8
22.5°	6570.7	6025.0	5674.5	5612.4	5980.6	6579.6	7187.4	7032.1	6646.1	6588.5
25°	7009.9	5985.1	5603.5	5523.7	5803.2	6739.3	7644.4	7675.4	7324.9	7205.2
27.5°	7427.0	6162.5	5594.6	5576.9	5945.1	6703.8	7959.4	8190.1	7795.2	7697.6
30°	7569.0	6340.0	5758.8	5523.7	5998.4	6832.5	7950.5	8553.9	8296.6	8318.8
32.5°	7737.6	6517.5	5776.5	5683.4	6224.6	7041.0	8203.4	9139.5	8953.2	8691.4
35°	7986.0	6757.0	5945.1	5860.8	6384.4	7227.3	8256.6	9569.9	9538.8	9232.7
37.5°	8199.0	6992.2	6295.6	6308.9	6872.4	7529.0	8491.8	10097.9	10044.6	9836.1
40°	8349.8	7320.5	6841.3	6876.8	7298.3	7866.2	8908.8	10364.1	10758.9	10452.8
42.5°	8372.0	7613.3	7466.9	7750.9	8145.7	8389.7	9077.4	10546.0	11113.9	10914.2
45°	8456.3	8079.2	8487.3	8695.9	9019.7	8851.2	9068.6	10856.5	11140.5	11038.4
47.5°	8784.6	8926.6	9441.2	10075.7	10191.0	9636.4	9281.5	10905.3	11291.3	11278.0
50°	9126.2	9836.1	10559.3	10980.8	11127.2	10177.7	9481.2	10865.4	11491.0	11384.5
52.5°	9507.8	10625.8	11668.4	12187.5	12107.7	10776.7	9707.4	11189.3	11859.2	11823.7
55°	9747.4	10980.8	12382.7	13105.9	13043.8	11446.6	10426.2	11655.1	12342.8	12254.1
57.5°	10381.8	11557.5	13092.6	13429.8	13594.0	12325.1	10927.5	12418.2	12746.6	12844.2
60°	10905.3	11934.6	13279.0	13767.0	13824.7	12848.6	11806.0	13203.5	13261.2	12932.9
62.5°	11672.9	12081.1	12884.1	13323.3	13620.6	13145.9	12595.7	13625.0	13252.3	13230.1
65°	12236.3	11601.9	12147.6	12391.6	12582.4	12693.3	13389.9	13913.4	13088.2	12657.8
67.5°	11921.3	10696.8	10594.8	10608.1	10665.8	11335.7	13123.7	13208.0	12174.2	11819.3
70°	10492.7	8775.7	8638.2	8744.7	8456.3	9263.8	12045.6	12005.6	10741.2	10372.9
72.5°	8487.3	6397.7	6162.5	6308.9	6375.5	7231.8	10133.4	9104.0	7835.2	7546.8
75°	6743.7	4689.6	3957.5	4312.4	4538.7	5266.3	7915.0	6184.7	5470.4	5080.0
77.5°	5297.4	3549.3	3079.0	2937.1	3145.6	3828.8	5758.8	3247.6	2866.1	2684.2
80°	3358.6	2608.8	2830.6	2626.5	2715.2	2733.0	2999.2	1477.4	1175.7	1162.4
82.5°	2023.1	1783.5	2120.7	1166.8	2125.2	1898.9	1246.7	669.9	594.5	594.5
85°	1433.0	1104.7	732.1	474.7	945.0	1042.6	483.6	346.1	301.7	292.8
87.5°	718.7	341.6	164.2	106.5	119.8	195.2	57.7	26.6	26.6	22.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)