

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: P599213

Luminaire Tested: **IFLD-M-SA4C-735-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: P599213
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

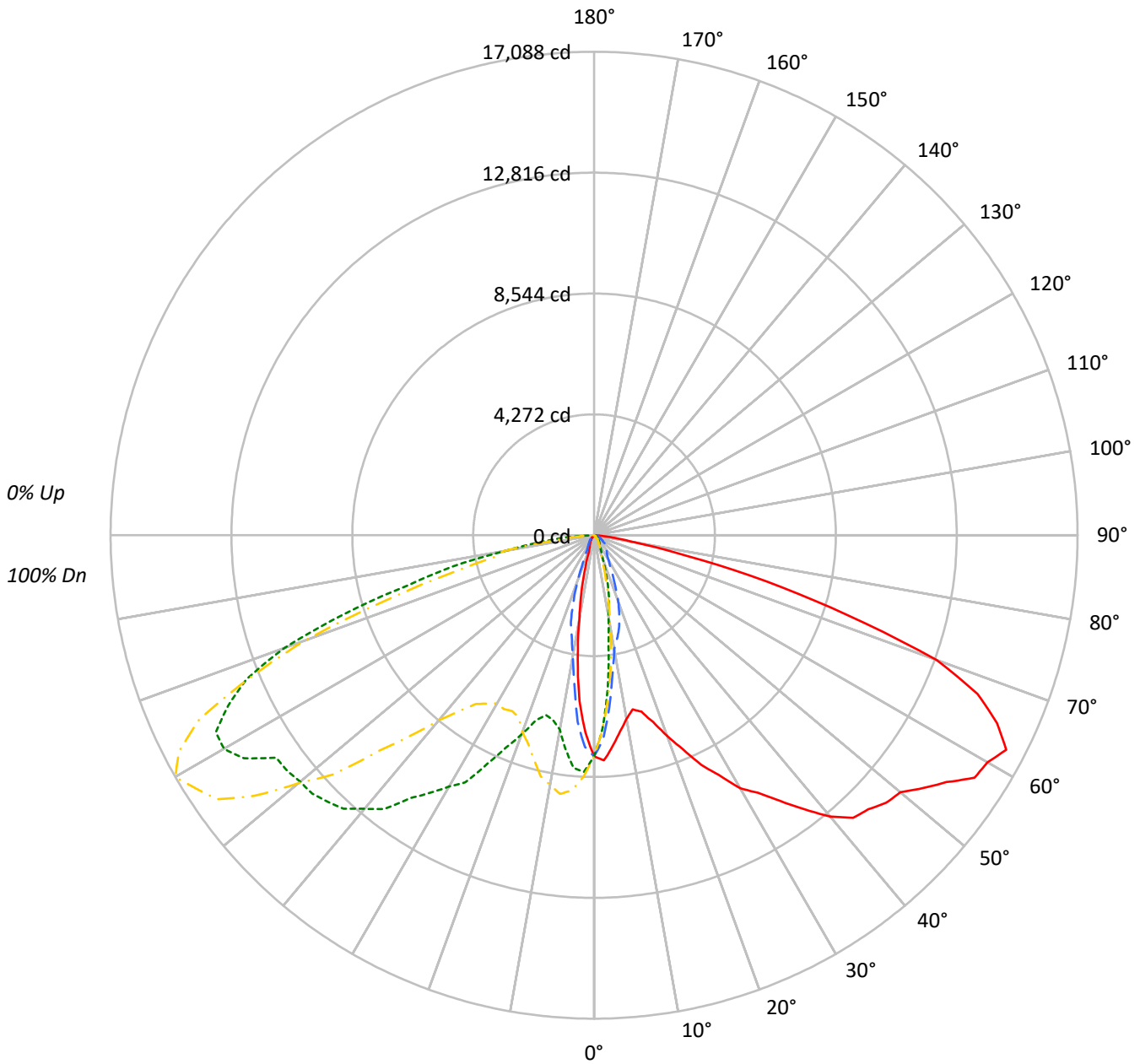
Lumens per Lamp: N/A
 Luminaire Lumens: 20426.3 lumens
 Efficiency: N/A
 Efficacy: 93.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	84055	84055	84055	84055
5°	80925	59147	63669	89196
10°	72049	32203	32624	76263
15°	71923	21479	13133	73274
20°	86358	10724	5236	85854
25°	106218	6736	4055	105695
30°	128339	5408	3080	127518
35°	150589	4342	2388	149070
40°	182310	3714	1547	177280
45°	208571	3354	839	202786
50°	236633	3227	184	226951
55°	285443	3100	0	257333
60°	345586	2609	0	325077
65°	400168	2104	0	363698
70°	405209	1734	0	366735
75°	262241	1144	0	281247
80°	89435	341	0	199015
85°	44893	0	0	146226

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	591.5	2.9
10°-20°	1145.4	5.6
20°-30°	1595.3	7.8
30°-40°	2266.7	11.1
40°-50°	3143.3	15.4
50°-60°	4283.0	21.0
60°-70°	4708.8	23.1
70°-80°	2314.3	11.3
80°-90°	377.9	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°	3332.3	16.3
0°-40°	5599.0	27.4
0°-60°	13025.3	63.8
0°-90°	20426.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20426.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7809	7809	7809	7809	7809	
5°	7490	5474	5892	8255	7490	685
15°	6454	1928	1178	6575	6454	1910
25°	8943	567	341	8899	8943	4158
35°	11460	330	182	11344	11460	7275
45°	13702	220	55	13322	13702	10621
55°	15210	165	0	13712	15210	13683
65°	15712	83	0	14280	15712	15183
75°	6306	28	0	6763	6306	6874
85°	364	0	0	1184	364	503
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°	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0
2.5°	7968.7	8062.3	7974.2	7665.8	7610.7	7462.0	7236.2	7219.7	6982.9	7010.5	6883.8
5°	7489.6	7583.2	7395.9	6988.4	6608.4	6305.6	6123.8	5798.9	5727.3	5567.6	5567.6
7.5°	6999.4	6993.9	6674.5	6333.1	5765.9	5209.7	4956.3	4488.2	4212.9	4064.2	3921.0
10°	6591.9	6503.8	6305.6	5600.7	4983.9	4405.6	4091.7	3783.3	3497.0	3249.1	3001.3
12.5°	6305.6	6360.6	6046.7	5281.2	4482.7	4080.7	3744.8	3419.9	3078.4	2797.6	2522.2
15°	6454.2	6366.1	5997.2	5209.7	4400.1	3849.4	3403.3	3006.8	2626.9	2257.9	2048.6
17.5°	6916.8	6691.0	6256.0	5209.7	4229.4	3497.0	2957.3	2489.2	2081.7	1751.2	1492.4
20°	7539.1	7280.3	6812.2	5402.4	4102.7	3238.1	2500.2	1910.9	1486.9	1178.5	980.3
22.5°	8177.9	7974.2	7269.3	5479.5	3954.0	2891.2	1971.5	1382.3	991.3	793.0	693.9
25°	8943.4	8657.1	7886.1	5787.9	3733.8	2555.3	1553.0	963.7	737.9	633.3	572.7
27.5°	9554.7	9505.1	8464.3	5975.1	3568.6	2279.9	1228.1	765.5	611.3	534.2	495.6
30°	10325.7	10055.8	9169.2	6349.6	3381.3	1966.0	1024.3	688.4	561.7	479.1	451.6
32.5°	10788.3	10661.6	9538.2	6558.9	3172.1	1707.2	881.1	605.8	512.2	451.6	424.0
35°	11460.1	11206.8	10066.9	6691.0	3061.9	1558.5	793.0	550.7	429.5	369.0	335.9
37.5°	12209.1	12115.5	10700.2	6685.5	2902.2	1470.4	732.4	512.2	407.5	341.4	302.9
40°	12974.6	12594.6	11085.7	6839.7	2819.6	1404.3	688.4	490.1	385.5	324.9	275.4
42.5°	13547.3	13112.2	11531.7	6784.7	2720.5	1288.6	671.9	457.1	369.0	297.4	253.3
45°	13701.5	13547.3	11933.7	6768.1	2648.9	1195.0	644.3	451.6	358.0	280.9	236.8
47.5°	13998.9	13894.2	12429.4	6795.7	2593.8	1123.4	578.2	462.6	341.4	264.3	225.8
50°	14131.0	13943.8	12831.4	6861.8	2467.2	1035.3	517.7	484.6	335.9	258.8	214.8
52.5°	14676.2	14511.0	13382.1	7049.0	2362.5	919.7	457.1	462.6	346.9	242.3	203.8
55°	15210.4	15023.2	14230.2	7478.5	2213.8	826.1	391.0	407.5	330.4	220.3	181.7
57.5°	15942.9	15634.5	14797.4	7654.8	2081.7	699.4	346.9	335.9	308.4	198.3	159.7
60°	16053.0	16179.7	14714.8	7544.6	1944.0	616.8	302.9	258.8	330.4	176.2	137.7
62.5°	16422.0	15893.3	14329.3	7291.3	1844.9	567.2	269.8	214.8	286.4	154.2	115.6
65°	15711.6	15320.6	13426.1	6476.3	1718.2	572.7	236.8	176.2	181.7	126.7	93.6
67.5°	14670.7	14362.3	11928.2	5589.6	1591.5	561.7	209.3	154.2	137.7	110.1	82.6
70°	12875.4	12209.1	10132.9	4537.8	1404.3	523.2	176.2	137.7	115.6	88.1	60.6
72.5°	9367.5	9097.6	7269.3	3508.0	1261.1	473.6	165.2	115.6	99.1	66.1	49.6
75°	6305.6	5859.5	4587.4	2301.9	1013.3	413.0	137.7	104.6	77.1	49.6	38.5
77.5°	3331.8	3150.0	2599.3	1095.9	561.7	192.7	77.1	60.6	44.1	38.5	22.0
80°	1442.8	1283.1	1123.4	446.1	198.3	88.1	49.6	33.0	27.5	22.0	11.0
82.5°	737.9	704.9	583.7	192.7	115.6	66.1	27.5	22.0	16.5	11.0	5.5
85°	363.5	374.5	308.4	60.6	66.1	38.5	5.5	5.5	0.0	0.0	0.0
87.5°	27.5	27.5	22.0	11.0	16.5	5.5	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°	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0
2.5°	6834.2	6911.3	6779.2	6861.8	6823.2	6839.7	6856.3	6812.2	6823.2	6977.4	6982.9
5°	5474.0	5622.7	5567.6	5644.7	5776.9	5710.8	5771.4	5760.4	5771.4	5793.4	5892.5
7.5°	3904.5	3860.4	3965.1	4168.8	4405.6	4548.8	4477.2	4438.7	4416.6	4361.6	4427.7
10°	2946.3	2924.2	2896.7	2957.3	3111.5	3271.2	3359.3	3210.6	3128.0	3023.4	2984.8
12.5°	2445.1	2307.4	2230.3	2136.7	2180.8	2324.0	2329.5	2186.3	2054.1	1999.1	2059.6
15°	1927.5	1833.8	1696.2	1564.0	1497.9	1608.1	1514.4	1376.8	1206.0	1184.0	1178.5
17.5°	1376.8	1321.7	1222.6	1167.5	1090.4	1062.9	963.7	754.5	633.3	600.3	611.3
20°	936.2	892.1	886.6	837.1	804.0	782.0	622.3	484.6	446.1	451.6	457.1
22.5°	693.9	671.9	644.3	638.8	611.3	583.7	457.1	407.5	380.0	380.0	396.5
25°	567.2	556.2	528.7	517.7	506.6	468.1	385.5	346.9	335.9	324.9	341.4
27.5°	484.6	479.1	462.6	446.1	435.1	396.5	335.9	302.9	291.9	291.9	291.9
30°	435.1	435.1	413.0	380.0	380.0	335.9	286.4	264.3	253.3	253.3	247.8
32.5°	407.5	396.5	369.0	346.9	330.4	286.4	253.3	231.3	214.8	214.8	220.3
35°	330.4	330.4	324.9	308.4	286.4	242.3	214.8	192.7	181.7	176.2	181.7
37.5°	291.9	275.4	253.3	258.8	247.8	209.3	181.7	165.2	148.7	148.7	148.7
40°	264.3	247.8	225.8	209.3	203.8	187.2	159.7	132.2	115.6	110.1	110.1
42.5°	236.8	225.8	192.7	165.2	159.7	159.7	121.2	99.1	82.6	82.6	82.6
45°	220.3	203.8	176.2	143.2	115.6	121.2	99.1	71.6	60.6	55.1	55.1
47.5°	209.3	192.7	154.2	121.2	88.1	88.1	71.6	49.6	38.5	33.0	33.0
50°	192.7	176.2	137.7	99.1	66.1	55.1	44.1	27.5	16.5	11.0	11.0
52.5°	181.7	165.2	121.2	82.6	55.1	38.5	27.5	5.5	0.0	0.0	0.0
55°	165.2	143.2	104.6	66.1	44.1	22.0	5.5	0.0	0.0	0.0	0.0
57.5°	143.2	126.7	82.6	49.6	27.5	5.5	0.0	0.0	0.0	0.0	0.0
60°	121.2	104.6	66.1	38.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	99.1	88.1	49.6	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	82.6	66.1	38.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	71.6	55.1	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	55.1	38.5	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	38.5	27.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	27.5	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.5	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°	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0
2.5°	7004.9	7170.2	7324.4	7368.4	7489.6	7825.5	7825.5	7985.2	8271.6	8376.2	8398.2
5°	5909.0	6085.3	6118.3	6459.7	6619.5	6960.9	7186.7	7726.4	8051.3	8255.0	8381.7
7.5°	4493.7	4554.3	4681.0	5000.4	5314.3	5727.3	6156.9	6845.2	7418.0	7649.3	8078.8
10°	3089.4	3271.2	3546.5	3832.9	4323.0	4780.1	5336.3	5986.1	6691.0	6977.4	7346.4
12.5°	2081.7	2335.0	2775.5	3183.1	3634.6	4097.2	4625.9	5496.0	6294.5	6691.0	7060.0
15°	1217.1	1525.4	1905.4	2566.3	3166.5	3684.2	4212.9	5094.0	6063.2	6575.4	7027.0
17.5°	616.8	710.4	1024.3	1597.0	2390.1	3238.1	4025.6	5149.1	6239.5	6867.3	7241.7
20°	462.6	490.1	578.2	848.1	1635.6	2676.4	3849.4	5231.7	6729.6	7495.1	7698.8
22.5°	402.0	424.0	462.6	550.7	919.7	2048.6	3601.6	5435.4	7395.9	8117.4	8546.9
25°	341.4	363.5	396.5	451.6	589.3	1393.3	3298.7	5650.2	7990.7	8899.4	9301.4
27.5°	297.4	313.9	346.9	391.0	479.1	886.6	2775.5	5936.6	8899.4	9846.6	9951.2
30°	253.3	269.8	297.4	346.9	407.5	627.8	2037.6	5975.1	9400.5	10259.6	10551.5
32.5°	220.3	225.8	258.8	302.9	341.4	495.6	1431.8	6013.7	9769.5	10793.8	10854.4
35°	181.7	192.7	225.8	253.3	297.4	391.0	1084.9	5820.9	10248.6	11344.5	11328.0
37.5°	148.7	165.2	187.2	209.3	242.3	330.4	864.6	5463.0	10848.9	12198.1	11680.4
40°	115.6	132.2	154.2	181.7	203.8	297.4	649.8	4923.3	11476.7	12616.6	12065.9
42.5°	82.6	93.6	115.6	143.2	181.7	247.8	468.1	4284.5	11724.5	13106.7	12528.5
45°	60.6	71.6	88.1	121.2	187.2	198.3	324.9	3700.7	11988.8	13321.5	12423.9
47.5°	33.0	44.1	66.1	104.6	165.2	148.7	231.3	3177.6	12291.7	13514.3	12506.5
50°	11.0	16.5	38.5	110.1	132.2	115.6	181.7	2896.7	12589.1	13552.8	12671.7
52.5°	0.0	0.0	22.0	115.6	99.1	88.1	159.7	2786.6	12512.0	13674.0	12567.0
55°	0.0	0.0	5.5	49.6	55.1	66.1	132.2	2781.1	13057.2	13712.5	13139.8
57.5°	0.0	0.0	0.0	16.5	33.0	55.1	115.6	2604.8	13404.1	14670.7	13910.8
60°	0.0	0.0	0.0	5.5	22.0	38.5	88.1	2450.6	13756.6	15100.3	14736.8
62.5°	0.0	0.0	0.0	0.0	5.5	16.5	60.6	2213.8	13046.2	15067.2	15535.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	38.5	1751.2	11735.5	14279.7	15094.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.0	1211.5	10276.1	13288.5	14285.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	732.4	8293.6	11652.9	12115.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	313.9	5920.1	9251.8	9940.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.7	3662.2	6762.6	7610.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.6	2373.5	5121.5	5776.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	1266.6	3210.6	3733.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	550.7	1949.5	2246.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.2	1184.0	1349.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.7	242.3
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: P599213
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0	7809.0
2.5°	8409.2	8568.9	8629.5	8535.9	8546.9	8354.2	8326.6	8056.8	7946.6	7968.7
5°	8794.7	9026.0	9152.7	9048.1	8811.3	8442.3	8106.4	7786.9	7588.7	7489.6
7.5°	8706.6	8965.4	9125.2	9224.3	8954.4	8359.7	7847.5	7247.3	6993.9	6999.4
10°	8222.0	8761.7	9086.6	8959.9	8833.3	8238.5	7445.5	6795.7	6569.9	6591.9
12.5°	7831.0	8431.3	8624.0	8723.1	8464.3	7990.7	7456.5	6713.1	6459.7	6305.6
15°	7588.7	8034.8	8045.8	8200.0	8095.3	8095.3	7572.2	6845.2	6625.0	6454.2
17.5°	7588.7	7687.8	7676.8	7731.9	7908.1	8117.4	7864.0	7379.4	6944.4	6916.8
20°	7759.4	7451.0	7379.4	7401.5	7550.1	8172.4	8508.4	7902.6	7627.2	7539.1
22.5°	8155.9	7478.5	7043.5	6966.4	7423.5	8166.9	8921.4	8728.6	8249.5	8177.9
25°	8701.1	7429.0	6955.4	6856.3	7203.2	8365.2	9488.6	9527.2	9092.1	8943.4
27.5°	9218.8	7649.3	6944.4	6922.3	7379.4	8321.1	9879.6	10166.0	9675.9	9554.7
30°	9395.0	7869.5	7148.1	6856.3	7445.5	8480.8	9868.6	10617.6	10298.1	10325.7
32.5°	9604.3	8089.8	7170.2	7054.5	7726.4	8739.7	10182.5	11344.5	11113.2	10788.3
35°	9912.7	8387.2	7379.4	7274.8	7924.6	8971.0	10248.6	11878.7	11840.1	11460.1
37.5°	10177.0	8679.1	7814.5	7831.0	8530.4	9345.4	10540.5	12534.0	12467.9	12209.1
40°	10364.2	9086.6	8491.8	8535.9	9059.1	9764.0	11058.1	12864.4	13354.6	12974.6
42.5°	10391.8	9450.1	9268.3	9620.8	10110.9	10413.8	11267.4	13090.2	13795.1	13547.3
45°	10496.4	10028.3	10535.0	10793.8	11195.8	10986.5	11256.4	13475.7	13828.2	13701.5
47.5°	10903.9	11080.1	11719.0	12506.5	12649.7	11961.3	11520.7	13536.3	14015.4	13998.9
50°	11328.0	12209.1	13106.7	13629.9	13811.6	12633.1	11768.5	13486.7	14263.2	14131.0
52.5°	11801.6	13189.3	14483.5	15127.8	15028.7	13376.6	12049.4	13888.7	14720.3	14676.2
55°	12098.9	13629.9	15370.1	16267.8	16190.7	14208.1	12941.5	14467.0	15320.6	15210.4
57.5°	12886.5	14345.8	16251.2	16669.8	16873.5	15298.5	13563.8	15414.2	15821.7	15942.9
60°	13536.3	14813.9	16482.5	17088.3	17159.9	15948.4	14654.2	16388.9	16460.5	16053.0
62.5°	14489.0	14995.6	15992.4	16537.6	16906.6	16317.3	15634.5	16912.1	16449.5	16422.0
65°	15188.4	14400.9	15078.3	15381.1	15617.9	15755.6	16620.2	17270.1	16245.7	15711.6
67.5°	14797.4	13277.5	13150.8	13167.3	13238.9	14070.5	16289.8	16394.4	15111.3	14670.7
70°	13024.1	10892.9	10722.2	10854.4	10496.4	11498.7	14951.6	14902.0	13332.5	12875.4
72.5°	10535.0	7941.1	7649.3	7831.0	7913.6	8976.5	12578.1	11300.4	9725.4	9367.5
75°	8370.7	5820.9	4912.3	5352.8	5633.7	6536.8	9824.5	7676.8	6790.2	6305.6
77.5°	6575.4	4405.6	3821.9	3645.7	3904.5	4752.6	7148.1	4031.1	3557.5	3331.8
80°	4168.8	3238.1	3513.5	3260.2	3370.3	3392.3	3722.8	1833.8	1459.4	1442.8
82.5°	2511.2	2213.8	2632.4	1448.3	2637.9	2357.0	1547.5	831.6	737.9	737.9
85°	1778.8	1371.3	908.7	589.3	1173.0	1294.2	600.3	429.5	374.5	363.5
87.5°	892.1	424.0	203.8	132.2	148.7	242.3	71.6	33.0	33.0	27.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)