

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: P599211

Luminaire Tested: **IFLD-M-SA4A-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: P599211
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-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

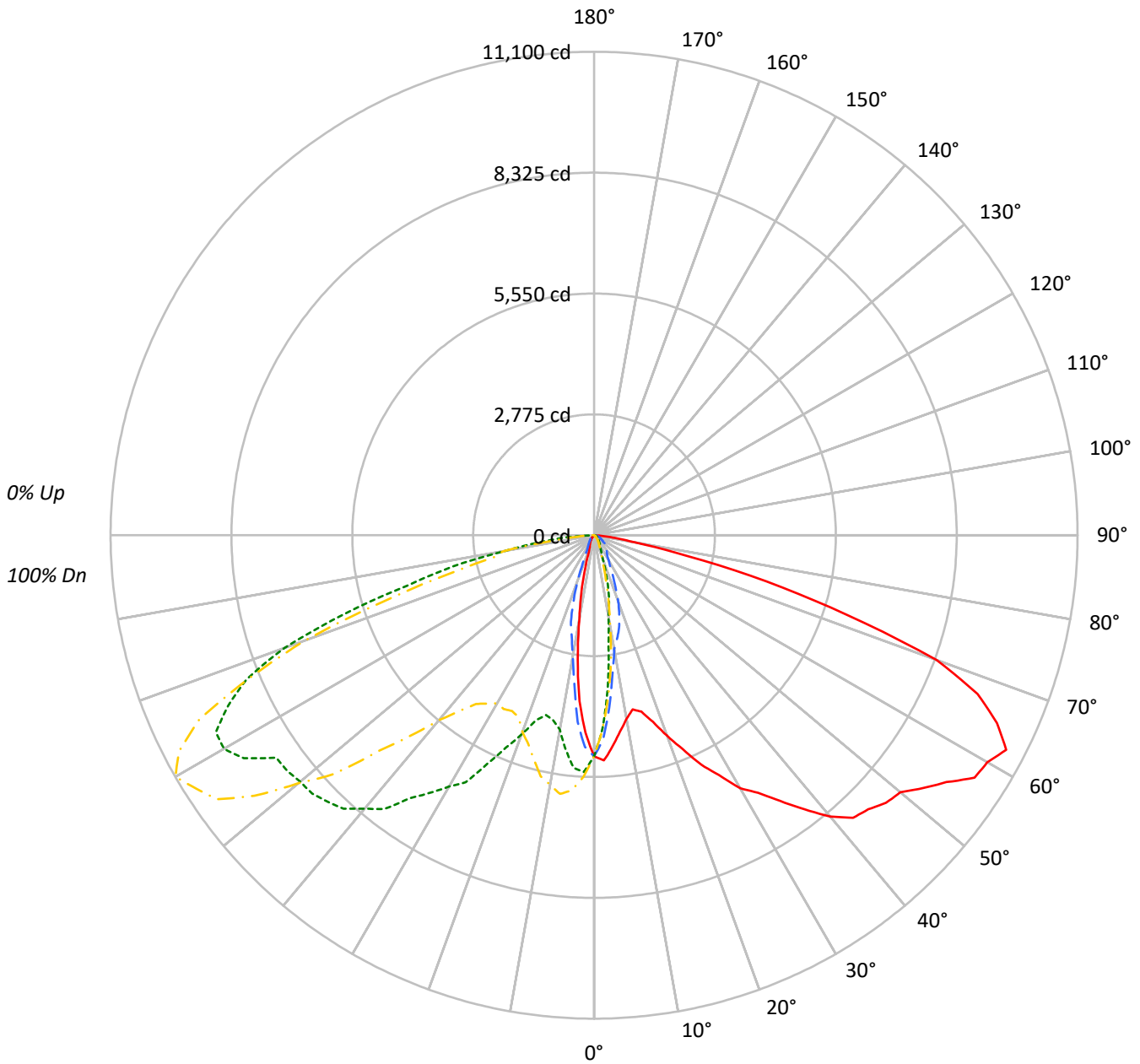
Lumens per Lamp: N/A
 Luminaire Lumens: 13267.6 lumens
 Efficiency: N/A
 Efficacy: 103.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 128.6
 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°	54597	54597	54597	54597
5°	52563	38417	41355	57935
10°	46799	20917	21190	49536
15°	46717	13952	8530	47593
20°	56093	6966	3401	55765
25°	68993	4375	2634	68652
30°	83361	3512	2001	82828
35°	97814	2820	1551	96826
40°	118416	2413	1005	115149
45°	135474	2178	545	131717
50°	153702	2097	121	147412
55°	185406	2014	0	167148
60°	224471	1694	0	211149
65°	259922	1368	0	236236
70°	263197	1127	0	238208
75°	170334	744	0	182682
80°	58094	223	0	129268
85°	29159	0	0	94985

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	384.2	2.9
10°-20°	744.0	5.6
20°-30°	1036.2	7.8
30°-40°	1472.3	11.1
40°-50°	2041.7	15.4
50°-60°	2781.9	21.0
60°-70°	3058.5	23.1
70°-80°	1503.2	11.3
80°-90°	245.5	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°	2164.4	16.3
0°-40°	3636.8	27.4
0°-60°	8460.4	63.8
0°-90°	13267.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13267.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5072	5072	5072	5072	5072	
5°	4865	3556	3827	5362	4865	445
15°	4192	1252	766	4271	4192	1241
25°	5809	368	222	5780	5809	2701
35°	7444	215	118	7369	7444	4725
45°	8900	143	36	8653	8900	6899
55°	9880	107	0	8907	9880	8887
65°	10205	54	0	9275	10205	9862
75°	4096	18	0	4393	4096	4465
85°	236	0	0	769	236	327
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°	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2
2.5°	5175.9	5236.7	5179.5	4979.2	4943.4	4846.8	4700.2	4689.5	4535.6	4553.5	4471.3
5°	4864.7	4925.5	4803.9	4539.2	4292.4	4095.7	3977.6	3766.6	3720.1	3616.4	3616.4
7.5°	4546.4	4542.8	4335.3	4113.6	3745.1	3383.9	3219.3	2915.3	2736.4	2639.8	2546.8
10°	4281.7	4224.4	4095.7	3637.8	3237.2	2861.6	2657.7	2457.4	2271.4	2110.4	1949.5
12.5°	4095.7	4131.4	3927.6	3430.4	2911.7	2650.6	2432.4	2221.3	1999.5	1817.1	1638.3
15°	4192.3	4135.0	3895.4	3383.9	2858.0	2500.3	2210.6	1953.0	1706.2	1466.6	1330.6
17.5°	4492.7	4346.1	4063.5	3383.9	2747.1	2271.4	1920.9	1616.8	1352.1	1137.5	969.4
20°	4896.9	4728.8	4424.8	3509.0	2664.9	2103.3	1624.0	1241.2	965.8	765.5	636.7
22.5°	5311.9	5179.5	4721.7	3559.1	2568.3	1877.9	1280.6	897.8	643.9	515.1	450.7
25°	5809.1	5623.1	5122.3	3759.4	2425.2	1659.7	1008.7	626.0	479.3	411.4	372.0
27.5°	6206.1	6173.9	5497.9	3881.1	2317.9	1480.9	797.7	497.2	397.0	347.0	321.9
30°	6706.9	6531.6	5955.7	4124.3	2196.3	1277.0	665.3	447.1	364.9	311.2	293.3
32.5°	7007.4	6925.1	6195.4	4260.2	2060.4	1108.9	572.3	393.5	332.7	293.3	275.4
35°	7443.8	7279.2	6538.8	4346.1	1988.8	1012.3	515.1	357.7	279.0	239.7	218.2
37.5°	7930.2	7869.4	6950.1	4342.5	1885.1	955.1	475.7	332.7	264.7	221.8	196.7
40°	8427.4	8180.6	7200.5	4442.6	1831.4	912.1	447.1	318.4	250.4	211.0	178.9
42.5°	8799.4	8516.9	7490.3	4406.9	1767.0	837.0	436.4	296.9	239.7	193.2	164.5
45°	8899.6	8799.4	7751.4	4396.1	1720.5	776.2	418.5	293.3	232.5	182.4	153.8
47.5°	9092.8	9024.8	8073.3	4414.0	1684.8	729.7	375.6	300.5	221.8	171.7	146.7
50°	9178.6	9057.0	8334.4	4457.0	1602.5	672.5	336.2	314.8	218.2	168.1	139.5
52.5°	9532.7	9425.4	8692.1	4578.6	1534.5	597.4	296.9	300.5	225.4	157.4	132.3
55°	9879.7	9758.1	9243.0	4857.6	1438.0	536.6	254.0	264.7	214.6	143.1	118.0
57.5°	10355.4	10155.1	9611.4	4972.0	1352.1	454.3	225.4	218.2	200.3	128.8	103.7
60°	10427.0	10509.3	9557.8	4900.5	1262.7	400.6	196.7	168.1	214.6	114.5	89.4
62.5°	10666.6	10323.2	9307.4	4736.0	1198.3	368.4	175.3	139.5	186.0	100.2	75.1
65°	10205.2	9951.2	8720.7	4206.6	1116.0	372.0	153.8	114.5	118.0	82.3	60.8
67.5°	9529.2	9328.8	7747.8	3630.7	1033.8	364.9	135.9	100.2	89.4	71.5	53.7
70°	8363.0	7930.2	6581.7	2947.5	912.1	339.8	114.5	89.4	75.1	57.2	39.3
72.5°	6084.5	5909.2	4721.7	2278.6	819.1	307.6	107.3	75.1	64.4	42.9	32.2
75°	4095.7	3805.9	2979.6	1495.2	658.2	268.3	89.4	68.0	50.1	32.2	25.0
77.5°	2164.1	2046.0	1688.3	711.8	364.9	125.2	50.1	39.3	28.6	25.0	14.3
80°	937.2	833.4	729.7	289.7	128.8	57.2	32.2	21.5	17.9	14.3	7.2
82.5°	479.3	457.9	379.2	125.2	75.1	42.9	17.9	14.3	10.7	7.2	3.6
85°	236.1	243.2	200.3	39.3	42.9	25.0	3.6	3.6	0.0	0.0	0.0
87.5°	17.9	17.9	14.3	7.2	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°	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2
2.5°	4439.1	4489.1	4403.3	4457.0	4431.9	4442.6	4453.4	4424.8	4431.9	4532.1	4535.6
5°	3555.5	3652.1	3616.4	3666.4	3752.3	3709.4	3748.7	3741.6	3748.7	3763.0	3827.4
7.5°	2536.1	2507.5	2575.4	2707.8	2861.6	2954.6	2908.1	2883.1	2868.8	2833.0	2875.9
10°	1913.7	1899.4	1881.5	1920.9	2021.0	2124.7	2182.0	2085.4	2031.7	1963.8	1938.7
12.5°	1588.2	1498.8	1448.7	1387.9	1416.5	1509.5	1513.1	1420.1	1334.2	1298.5	1337.8
15°	1252.0	1191.1	1101.7	1015.9	972.9	1044.5	983.7	894.3	783.4	769.1	765.5
17.5°	894.3	858.5	794.1	758.3	708.2	690.4	626.0	490.1	411.4	389.9	397.0
20°	608.1	579.5	575.9	543.7	522.2	507.9	404.2	314.8	289.7	293.3	296.9
22.5°	450.7	436.4	418.5	414.9	397.0	379.2	296.9	264.7	246.8	246.8	257.5
25°	368.4	361.3	343.4	336.2	329.1	304.0	250.4	225.4	218.2	211.0	221.8
27.5°	314.8	311.2	300.5	289.7	282.6	257.5	218.2	196.7	189.6	189.6	189.6
30°	282.6	282.6	268.3	246.8	246.8	218.2	186.0	171.7	164.5	164.5	161.0
32.5°	264.7	257.5	239.7	225.4	214.6	186.0	164.5	150.2	139.5	139.5	143.1
35°	214.6	214.6	211.0	200.3	186.0	157.4	139.5	125.2	118.0	114.5	118.0
37.5°	189.6	178.9	164.5	168.1	161.0	135.9	118.0	107.3	96.6	96.6	96.6
40°	171.7	161.0	146.7	135.9	132.3	121.6	103.7	85.8	75.1	71.5	71.5
42.5°	153.8	146.7	125.2	107.3	103.7	103.7	78.7	64.4	53.7	53.7	53.7
45°	143.1	132.3	114.5	93.0	75.1	78.7	64.4	46.5	39.3	35.8	35.8
47.5°	135.9	125.2	100.2	78.7	57.2	57.2	46.5	32.2	25.0	21.5	21.5
50°	125.2	114.5	89.4	64.4	42.9	35.8	28.6	17.9	10.7	7.2	7.2
52.5°	118.0	107.3	78.7	53.7	35.8	25.0	17.9	3.6	0.0	0.0	0.0
55°	107.3	93.0	68.0	42.9	28.6	14.3	3.6	0.0	0.0	0.0	0.0
57.5°	93.0	82.3	53.7	32.2	17.9	3.6	0.0	0.0	0.0	0.0	0.0
60°	78.7	68.0	42.9	25.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	64.4	57.2	32.2	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	53.7	42.9	25.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	46.5	35.8	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	35.8	25.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	25.0	17.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	17.9	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°	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2
2.5°	4550.0	4657.3	4757.4	4786.0	4864.7	5082.9	5082.9	5186.7	5372.7	5440.6	5454.9
5°	3838.1	3952.6	3974.1	4195.8	4299.6	4521.3	4668.0	5018.5	5229.6	5361.9	5444.2
7.5°	2918.8	2958.2	3040.5	3247.9	3451.8	3720.1	3999.1	4446.2	4818.2	4968.5	5247.5
10°	2006.7	2124.7	2303.6	2489.6	2808.0	3104.8	3466.1	3888.2	4346.1	4532.1	4771.7
12.5°	1352.1	1516.7	1802.8	2067.5	2360.8	2661.3	3004.7	3569.9	4088.5	4346.1	4585.7
15°	790.5	990.8	1237.6	1666.9	2056.8	2393.0	2736.4	3308.7	3938.3	4270.9	4564.3
17.5°	400.6	461.4	665.3	1037.3	1552.4	2103.3	2614.8	3344.5	4052.8	4460.5	4703.8
20°	300.5	318.4	375.6	550.9	1062.4	1738.4	2500.3	3398.2	4371.1	4868.3	5000.7
22.5°	261.1	275.4	300.5	357.7	597.4	1330.6	2339.4	3530.5	4803.9	5272.5	5551.5
25°	221.8	236.1	257.5	293.3	382.7	905.0	2142.6	3670.0	5190.2	5780.4	6041.6
27.5°	193.2	203.9	225.4	254.0	311.2	575.9	1802.8	3856.0	5780.4	6395.7	6463.7
30°	164.5	175.3	193.2	225.4	264.7	407.8	1323.5	3881.1	6106.0	6664.0	6853.5
32.5°	143.1	146.7	168.1	196.7	221.8	321.9	930.0	3906.1	6345.6	7010.9	7050.3
35°	118.0	125.2	146.7	164.5	193.2	254.0	704.7	3780.9	6656.8	7368.6	7357.9
37.5°	96.6	107.3	121.6	135.9	157.4	214.6	561.6	3548.4	7046.7	7923.1	7586.8
40°	75.1	85.8	100.2	118.0	132.3	193.2	422.1	3197.8	7454.5	8194.9	7837.2
42.5°	53.7	60.8	75.1	93.0	118.0	161.0	304.0	2782.9	7615.5	8513.3	8137.7
45°	39.3	46.5	57.2	78.7	121.6	128.8	211.0	2403.7	7787.1	8652.8	8069.7
47.5°	21.5	28.6	42.9	68.0	107.3	96.6	150.2	2063.9	7983.9	8778.0	8123.4
50°	7.2	10.7	25.0	71.5	85.8	75.1	118.0	1881.5	8177.0	8803.0	8230.7
52.5°	0.0	0.0	14.3	75.1	64.4	57.2	103.7	1810.0	8127.0	8881.7	8162.7
55°	0.0	0.0	3.6	32.2	35.8	42.9	85.8	1806.4	8481.1	8906.8	8534.7
57.5°	0.0	0.0	0.0	10.7	21.5	35.8	75.1	1691.9	8706.4	9529.2	9035.5
60°	0.0	0.0	0.0	3.6	14.3	25.0	57.2	1591.8	8935.4	9808.2	9572.1
62.5°	0.0	0.0	0.0	0.0	3.6	10.7	39.3	1438.0	8473.9	9786.7	10090.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	25.0	1137.5	7622.6	9275.2	9804.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.3	786.9	6674.7	8631.3	9278.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	475.7	5387.0	7569.0	7869.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.9	3845.3	6009.4	6456.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.3	2378.7	4392.6	4943.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	1541.7	3326.6	3752.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	822.7	2085.4	2425.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	357.7	1266.3	1459.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.5	769.1	876.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.0	157.4
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: P599211
 CATALOG NUMBER: IFLD-M-SA4A-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2	5072.2
2.5°	5462.1	5565.8	5605.2	5544.4	5551.5	5426.3	5408.4	5233.2	5161.6	5175.9
5°	5712.5	5862.7	5945.0	5877.0	5723.2	5483.6	5265.4	5057.9	4929.1	4864.7
7.5°	5655.3	5823.4	5927.1	5991.5	5816.2	5429.9	5097.2	4707.3	4542.8	4546.4
10°	5340.5	5691.0	5902.1	5819.8	5737.5	5351.2	4836.1	4414.0	4267.4	4281.7
12.5°	5086.5	5476.4	5601.6	5666.0	5497.9	5190.2	4843.3	4360.4	4195.8	4095.7
15°	4929.1	5218.9	5226.0	5326.2	5258.2	5258.2	4918.4	4446.2	4303.1	4192.3
17.5°	4929.1	4993.5	4986.3	5022.1	5136.6	5272.5	5108.0	4793.2	4510.6	4492.7
20°	5040.0	4839.7	4793.2	4807.5	4904.1	5308.3	5526.5	5133.0	4954.2	4896.9
22.5°	5297.5	4857.6	4575.0	4524.9	4821.8	5304.7	5794.8	5669.6	5358.4	5311.9
25°	5651.7	4825.4	4517.8	4453.4	4678.7	5433.5	6163.2	6188.2	5905.6	5809.1
27.5°	5987.9	4968.5	4510.6	4496.3	4793.2	5404.9	6417.2	6603.2	6284.8	6206.1
30°	6102.4	5111.5	4643.0	4453.4	4836.1	5508.6	6410.0	6896.5	6689.0	6706.9
32.5°	6238.3	5254.6	4657.3	4582.1	5018.5	5676.7	6613.9	7368.6	7218.4	7007.4
35°	6438.6	5447.8	4793.2	4725.2	5147.3	5826.9	6656.8	7715.6	7690.6	7443.8
37.5°	6610.3	5637.4	5075.8	5086.5	5540.8	6070.2	6846.4	8141.3	8098.3	7930.2
40°	6731.9	5902.1	5515.7	5544.4	5884.2	6342.0	7182.6	8355.9	8674.2	8427.4
42.5°	6749.8	6138.1	6020.1	6249.0	6567.4	6764.1	7318.6	8502.5	8960.4	8799.4
45°	6817.8	6513.7	6842.8	7010.9	7272.1	7136.1	7311.4	8752.9	8981.9	8899.6
47.5°	7082.5	7196.9	7611.9	8123.4	8216.4	7769.3	7483.1	8792.3	9103.5	9092.8
50°	7357.9	7930.2	8513.3	8853.1	8971.1	8205.7	7644.1	8760.1	9264.5	9178.6
52.5°	7665.5	8566.9	9407.5	9826.0	9761.7	8688.6	7826.5	9021.2	9561.3	9532.7
55°	7858.7	8853.1	9983.4	10566.5	10516.4	9228.7	8406.0	9396.8	9951.2	9879.7
57.5°	8370.2	9318.1	10555.8	10827.6	10960.0	9936.9	8810.2	10012.0	10276.7	10355.4
60°	8792.3	9622.2	10706.0	11099.5	11146.0	10359.0	9518.4	10645.2	10691.7	10427.0
62.5°	9411.1	9740.2	10387.6	10741.8	10981.4	10598.7	10155.1	10985.0	10684.5	10666.6
65°	9865.4	9353.9	9793.8	9990.6	10144.4	10233.8	10795.4	11217.5	10552.2	10205.2
67.5°	9611.4	8624.2	8541.9	8552.6	8599.1	9139.3	10580.8	10648.8	9815.3	9529.2
70°	8459.6	7075.3	6964.4	7050.3	6817.8	7468.8	9711.6	9679.4	8659.9	8363.0
72.5°	6842.8	5158.0	4968.5	5086.5	5140.2	5830.5	8169.9	7340.0	6317.0	6084.5
75°	5437.1	3780.9	3190.7	3476.9	3659.3	4245.9	6381.4	4986.3	4410.5	4095.7
77.5°	4270.9	2861.6	2482.4	2368.0	2536.1	3087.0	4643.0	2618.4	2310.7	2164.1
80°	2707.8	2103.3	2282.1	2117.6	2189.1	2203.4	2418.1	1191.1	947.9	937.2
82.5°	1631.1	1438.0	1709.8	940.8	1713.4	1531.0	1005.1	540.1	479.3	479.3
85°	1155.4	890.7	590.2	382.7	761.9	840.6	389.9	279.0	243.2	236.1
87.5°	579.5	275.4	132.3	85.8	96.6	157.4	46.5	21.5	21.5	17.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)