

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: P599502

Luminaire Tested: **IFLD-M-SA4B-740-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599502
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

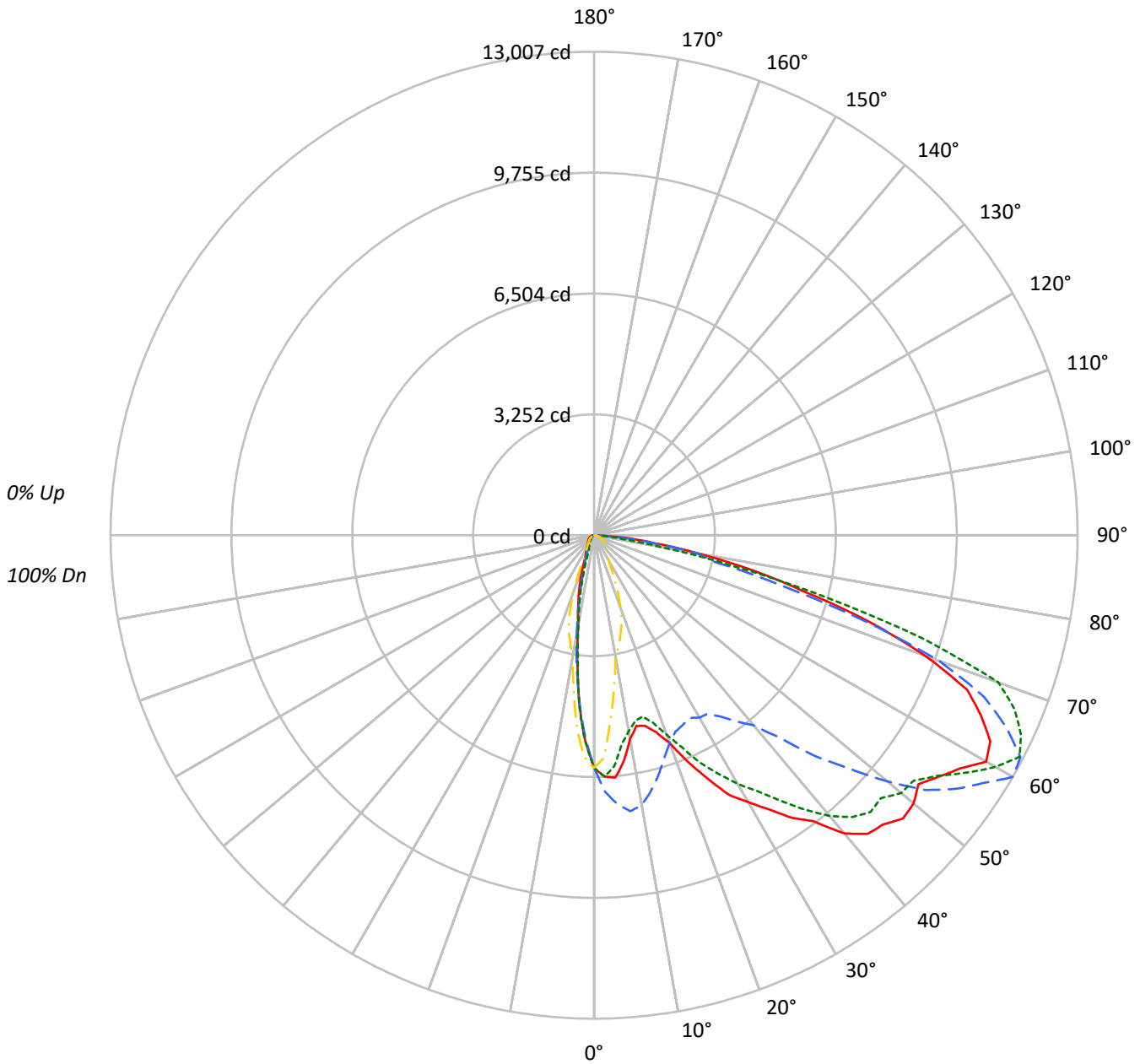
Lumens per Lamp: N/A
 Luminaire Lumens: 16634.9 lumens
 Efficiency: N/A
 Efficacy: 100.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	67324	67324	67324	67324
5°	70749	67341	49197	49486
10°	60837	58506	26899	26267
15°	59155	56234	17474	13167
20°	68184	65335	9363	4682
25°	85732	80192	6068	3640
30°	102971	95959	4914	2982
35°	121938	114409	4028	2393
40°	147120	138506	3558	1810
45°	167497	160194	3314	1218
50°	187903	180612	3274	744
55°	212493	211742	3250	334
60°	262220	268435	2964	95
65°	292582	322677	2715	0
70°	298338	364186	2518	0
75°	242753	268616	2400	0
80°	176502	112345	2479	0
85°	114116	47178	3298	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.2	2.9
10°-20°	931.8	5.6
20°-30°	1289.4	7.8
30°-40°	1822.3	11.0
40°-50°	2481.0	14.9
50°-60°	3286.0	19.8
60°-70°	3815.3	22.9
70°-80°	2160.6	13.0
80°-90°	373.3	2.2
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°	2696.3	16.2
0°-40°	4518.6	27.2
0°-60°	10285.6	61.8
0°-90°	16634.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16634.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6255	6255	6255	6255	6255	
5°	6548	6232	4553	4580	6548	588
15°	5308	5046	1568	1182	5308	1557
25°	7218	6752	511	306	7218	3367
35°	9280	8707	306	182	9280	5850
45°	11003	10524	218	80	11003	8531
55°	11323	11283	173	18	11323	10259
65°	11488	12669	107	0	11488	11198
75°	5837	6459	58	0	5837	6370
85°	924	382	27	0	924	1110
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6
2.5°	6498.9	6636.6	6641.1	6703.3	6765.4	6765.4	6912.0	6876.5	6747.7	6725.5	6632.2
5°	6547.8	6596.6	6632.2	6947.6	7214.1	7187.5	7267.4	7214.1	6965.3	6645.5	6427.8
7.5°	6125.8	6179.1	6321.2	6858.7	7218.5	7338.5	7489.5	7156.4	6894.3	6316.8	5899.2
10°	5566.1	5668.2	5930.3	6543.3	6987.6	7369.6	7369.6	7103.1	6596.6	6032.5	5521.6
12.5°	5255.1	5459.4	5601.6	6223.5	6801.0	7063.1	7054.2	6912.0	6583.3	5872.6	5295.1
15°	5308.4	5366.2	5668.2	6152.4	6534.5	6521.1	6681.0	6636.6	6405.6	6014.7	5379.5
17.5°	5552.7	5641.6	5903.7	6152.4	6334.6	6281.2	6276.8	6490.0	6503.4	6254.6	5694.9
20°	5952.5	6214.6	6339.0	6414.5	6192.4	5965.9	5939.2	6236.8	6467.8	6561.1	6072.5
22.5°	6592.2	6765.4	7018.7	6632.2	6054.7	5770.4	5717.1	6045.8	6512.2	6925.4	6561.1
25°	7218.5	7351.8	7596.1	7098.6	6210.2	5730.4	5637.1	5921.4	6681.0	7431.8	7151.9
27.5°	7880.4	7995.9	8022.6	7440.7	6294.6	5650.5	5539.4	5921.4	6823.2	7698.3	7858.2
30°	8284.7	8422.4	8449.0	7742.7	6432.3	5717.1	5663.8	5948.1	6920.9	7924.9	8364.6
32.5°	8737.8	8773.3	8751.1	7796.0	6583.3	5912.5	5690.4	6125.8	7032.0	8195.8	8826.6
35°	9279.7	9341.9	9115.4	8040.4	6920.9	6036.9	5957.0	6343.4	7223.0	8320.2	9386.3
37.5°	9692.8	9888.3	9377.4	8133.6	6987.6	6299.0	6312.3	6796.5	7356.3	8471.2	10003.8
40°	10470.2	10141.5	9821.7	8453.5	7240.8	6743.2	6672.2	7263.0	7804.9	8569.0	10408.0
42.5°	10896.7	10723.4	9994.9	8484.6	7631.7	7356.3	7374.0	7791.6	8040.4	8844.4	10519.1
45°	11003.3	10821.2	10230.3	8506.8	8018.1	8080.3	8386.8	8466.8	8386.8	9026.5	10727.9
47.5°	11274.3	10878.9	10203.7	8804.4	8644.5	8884.4	9275.3	9448.5	8857.7	8959.9	10825.6
50°	11221.0	10994.4	10145.9	8928.8	9408.5	10043.8	10305.9	10234.8	9381.9	8822.2	10719.0
52.5°	10998.8	10754.5	10323.6	9266.4	10123.7	10892.2	11256.5	11078.8	9848.3	9133.1	10647.9
55°	11323.1	11136.6	10554.6	9723.9	10661.2	11638.5	11896.2	11762.9	10421.4	9421.9	11052.2
57.5°	11674.1	11634.1	11181.0	10261.4	11296.5	12407.0	12407.0	12242.7	10918.9	9839.4	11651.8
60°	12180.5	12269.3	11643.0	10616.8	11514.1	12362.6	13006.7	12815.7	11420.9	10572.4	12331.5
62.5°	12016.1	12300.4	12238.2	11380.9	11762.9	12580.3	12931.2	13073.3	12042.8	11465.3	13237.7
65°	11487.5	11789.6	12233.8	11882.8	11576.3	12051.6	12229.3	12660.2	12353.7	12304.8	13610.9
67.5°	10856.7	11185.4	11460.8	12220.4	11198.7	11514.1	11358.7	11496.4	12016.1	13224.4	13824.1
70°	9479.6	9795.0	10230.3	11469.7	10199.3	9915.0	9875.0	9808.3	10616.8	12895.7	12855.7
72.5°	7796.0	7942.6	8662.3	9324.1	7547.3	7494.0	7556.2	7480.6	8417.9	11674.1	11012.2
75°	5837.0	5983.6	6392.3	7160.8	5139.6	4833.1	5188.5	5539.4	6427.8	9062.1	7911.5
77.5°	4388.9	4575.4	4833.1	5357.3	3771.4	3291.7	3340.5	3673.7	4646.5	7258.5	4433.3
80°	2847.4	2825.2	3322.8	3687.0	2838.6	2927.4	2803.0	3047.3	3367.2	3882.5	2265.5
82.5°	1643.6	1665.8	1874.6	2114.5	1976.8	2261.1	1630.3	2723.1	2403.2	1581.4	844.0
85°	924.0	964.0	1155.0	1465.9	1239.4	830.7	679.7	1350.4	1510.3	648.6	408.7
87.5°	93.3	80.0	155.5	555.3	337.6	137.7	204.3	324.3	364.3	244.3	119.9
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°	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6
2.5°	6498.9	6498.9	6387.9	6201.3	6125.8	5992.5	5810.4	5868.1	5805.9	5579.4	5521.6
5°	6232.4	6019.2	5788.2	5503.9	5339.5	5001.9	4895.3	4704.3	4735.4	4544.4	4553.2
7.5°	5677.1	5508.3	5117.4	4744.3	4420.0	4126.8	3713.7	3558.2	3407.2	3331.6	3420.5
10°	5352.8	5037.4	4504.4	4015.7	3584.8	3322.8	3047.3	2834.1	2638.7	2492.1	2461.0
12.5°	5117.4	4837.5	4193.4	3598.2	3260.6	3047.3	2794.1	2500.9	2309.9	2056.7	1981.2
15°	5046.3	4704.3	4024.6	3433.8	3105.1	2754.2	2465.4	2176.7	1927.9	1661.4	1568.1
17.5°	5290.6	4895.3	4020.2	3300.5	2838.6	2461.0	2061.2	1736.9	1483.7	1239.4	1181.6
20°	5703.8	5099.6	4149.0	3220.6	2585.4	2078.9	1625.8	1301.6	1017.3	857.3	817.4
22.5°	6174.6	5446.1	4162.3	3007.4	2332.1	1696.9	1186.1	857.3	697.4	621.9	599.7
25°	6752.1	6001.4	4322.2	2834.1	2034.5	1288.2	844.0	657.4	564.2	519.7	510.9
27.5°	7227.4	6387.9	4495.5	2652.0	1741.3	955.1	661.9	537.5	488.6	444.2	439.8
30°	7720.5	6832.1	4544.4	2540.9	1488.1	786.3	568.6	475.3	422.0	399.8	395.4
32.5°	8151.4	7316.3	4699.8	2358.8	1248.3	693.0	515.3	426.4	390.9	355.4	350.9
35°	8706.7	7596.1	4775.3	2261.1	1159.4	626.3	470.9	390.9	337.6	315.4	306.5
37.5°	9301.9	7867.1	4824.2	2185.6	1083.9	586.4	444.2	368.7	319.8	288.7	279.9
40°	9857.2	8249.1	4753.1	2092.3	1026.1	537.5	426.4	342.0	297.6	266.5	253.2
42.5°	10283.7	8622.3	4730.9	2003.4	964.0	519.7	404.2	328.7	279.9	244.3	239.9
45°	10523.5	8875.5	4575.4	1932.3	915.1	528.6	395.4	311.0	266.5	235.4	217.7
47.5°	10465.8	9070.9	4615.4	1910.1	848.5	493.1	390.9	297.6	244.3	217.7	204.3
50°	10785.6	9466.3	4548.8	1839.1	799.6	444.2	426.4	297.6	239.9	208.8	195.5
52.5°	10838.9	9826.1	4690.9	1710.2	724.1	408.7	422.0	293.2	231.0	199.9	182.1
55°	11283.1	10243.7	4966.4	1639.2	661.9	355.4	386.5	284.3	208.8	182.1	173.2
57.5°	11887.3	11109.9	5144.0	1572.5	577.5	311.0	324.3	279.9	191.0	168.8	155.5
60°	12469.2	11456.4	5157.4	1452.6	497.5	279.9	253.2	279.9	177.7	151.0	137.7
62.5°	12904.5	11456.4	5068.5	1350.4	435.3	248.8	222.1	266.5	159.9	133.3	124.4
65°	12669.1	11149.9	4837.5	1266.0	395.4	217.7	191.0	204.3	142.1	115.5	106.6
67.5°	12247.1	10194.8	4326.7	1163.9	390.9	191.0	164.4	151.0	124.4	102.2	93.3
70°	11571.9	8906.6	3602.6	1048.4	382.0	173.2	146.6	128.8	111.1	88.8	80.0
72.5°	9324.1	7356.3	2958.5	981.7	373.1	151.0	124.4	111.1	93.3	75.5	66.6
75°	6458.9	4699.8	2278.8	839.6	364.3	137.7	115.5	97.7	80.0	62.2	57.7
77.5°	3873.6	3140.6	1470.4	630.8	239.9	111.1	97.7	75.5	66.6	53.3	48.9
80°	1812.4	1483.7	595.3	244.3	115.5	80.0	66.6	57.7	53.3	44.4	40.0
82.5°	710.7	626.3	288.7	142.1	93.3	62.2	53.3	48.9	44.4	35.5	31.1
85°	382.0	337.6	137.7	97.7	66.6	44.4	44.4	40.0	35.5	31.1	26.7
87.5°	84.4	62.2	57.7	57.7	48.9	35.5	35.5	31.1	26.7	22.2	17.8
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°	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6
2.5°	5490.5	5557.2	5450.6	5517.2	5423.9	5495.0	5503.9	5437.2	5455.0	5543.8	5583.8
5°	4677.6	4633.2	4535.5	4504.4	4508.8	4451.1	4473.3	4504.4	4553.2	4579.9	4659.9
7.5°	3371.6	3473.8	3469.3	3544.9	3549.3	3540.4	3478.2	3345.0	3389.4	3353.8	3398.3
10°	2412.1	2456.5	2540.9	2589.8	2678.6	2629.8	2487.6	2434.3	2407.7	2403.2	2447.6
12.5°	1927.9	1821.3	1812.4	1830.2	1874.6	1816.9	1745.8	1683.6	1714.7	1776.9	1825.7
15°	1492.6	1403.7	1288.2	1270.5	1279.3	1252.7	1177.2	1097.2	1119.4	1181.6	1217.2
17.5°	1146.1	1043.9	964.0	910.6	892.9	799.6	688.5	621.9	604.1	599.7	630.8
20°	772.9	755.2	741.8	675.2	675.2	541.9	448.7	399.8	399.8	408.7	413.1
22.5°	577.5	555.3	559.7	546.4	510.9	404.2	355.4	342.0	342.0	350.9	350.9
25°	502.0	470.9	462.0	457.5	422.0	346.5	311.0	297.6	297.6	306.5	306.5
27.5°	426.4	417.6	404.2	386.5	355.4	297.6	275.4	262.1	266.5	271.0	266.5
30°	390.9	368.7	350.9	350.9	315.4	266.5	248.8	239.9	231.0	239.9	244.3
32.5°	346.5	333.2	324.3	311.0	271.0	235.4	217.7	208.8	204.3	204.3	208.8
35°	297.6	297.6	288.7	271.0	235.4	213.2	191.0	182.1	177.7	182.1	182.1
37.5°	266.5	253.2	257.6	239.9	208.8	186.6	164.4	155.5	155.5	151.0	155.5
40°	248.8	226.6	213.2	204.3	186.6	159.9	142.1	133.3	128.8	128.8	128.8
42.5°	222.1	204.3	177.7	173.2	168.8	137.7	115.5	111.1	106.6	102.2	102.2
45°	208.8	182.1	159.9	137.7	137.7	115.5	97.7	88.8	84.4	80.0	84.4
47.5°	191.0	164.4	137.7	115.5	111.1	93.3	75.5	66.6	62.2	62.2	62.2
50°	182.1	146.6	119.9	97.7	84.4	75.5	57.7	48.9	44.4	44.4	44.4
52.5°	168.8	137.7	106.6	84.4	66.6	57.7	44.4	35.5	31.1	31.1	31.1
55°	151.0	124.4	93.3	71.1	57.7	44.4	31.1	22.2	17.8	17.8	17.8
57.5°	142.1	111.1	80.0	62.2	44.4	31.1	17.8	13.3	13.3	8.9	13.3
60°	128.8	97.7	66.6	48.9	35.5	22.2	13.3	4.4	4.4	4.4	4.4
62.5°	111.1	84.4	57.7	40.0	26.7	13.3	4.4	0.0	0.0	0.0	0.0
65°	93.3	66.6	44.4	31.1	17.8	4.4	0.0	0.0	0.0	0.0	0.0
67.5°	80.0	57.7	35.5	22.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	71.1	48.9	26.7	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	57.7	40.0	22.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	48.9	31.1	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	40.0	22.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.1	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.3	4.4	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

TEST NUMBER: P599502
 CATALOG NUMBER: IFLD-M-SA4B-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6	6254.6
2.5°	5641.6	5614.9	5748.2	5965.9	6076.9	6294.6	6347.9	6485.6	6450.1	6498.9
5°	4668.7	4722.0	4917.5	5237.3	5352.8	5668.2	5965.9	6263.5	6454.5	6547.8
7.5°	3464.9	3642.6	3882.5	4175.7	4473.3	4886.4	5392.8	5739.3	5925.9	6125.8
10°	2580.9	2771.9	3047.3	3336.1	3820.3	4282.3	4788.7	5219.6	5379.5	5566.1
12.5°	2030.1	2327.7	2647.5	2958.5	3247.2	3687.0	4313.4	4939.7	5113.0	5255.1
15°	1412.6	1776.9	2234.4	2638.7	3042.9	3424.9	4073.5	4833.1	5068.5	5308.4
17.5°	781.8	1070.6	1594.7	2163.3	2758.6	3345.0	4153.4	5028.6	5383.9	5552.7
20°	453.1	568.6	941.7	1617.0	2403.2	3171.7	4193.4	5397.3	5868.1	5952.5
22.5°	373.1	413.1	533.1	1012.8	1967.9	3060.7	4397.8	5912.5	6392.3	6592.2
25°	319.8	350.9	413.1	608.6	1488.1	2825.2	4526.6	6556.7	7000.9	7218.5
27.5°	284.3	315.4	364.3	448.7	1012.8	2500.9	4739.8	7138.6	7582.8	7880.4
30°	248.8	275.4	324.3	382.0	701.9	2136.7	4921.9	7565.0	8191.4	8284.7
32.5°	222.1	244.3	279.9	328.7	519.7	1621.4	5068.5	8004.8	8533.4	8737.8
35°	191.0	217.7	239.9	279.9	395.4	1221.6	4979.7	8346.9	9035.4	9279.7
37.5°	168.8	186.6	208.8	235.4	333.2	955.1	4797.6	8755.5	9466.3	9692.8
40°	142.1	155.5	182.1	208.8	302.1	737.4	4588.8	9248.6	10070.4	10470.2
42.5°	119.9	133.3	151.0	195.5	248.8	546.4	4166.8	9630.7	10559.1	10896.7
45°	93.3	111.1	137.7	195.5	199.9	404.2	3731.4	9915.0	10834.5	11003.3
47.5°	71.1	88.8	133.3	168.8	159.9	279.9	3216.1	10239.2	11118.8	11274.3
50°	53.3	71.1	151.0	146.6	133.3	213.2	2891.9	10465.8	11136.6	11221.0
52.5°	35.5	53.3	124.4	111.1	111.1	186.6	2803.0	10456.9	11181.0	10998.8
55°	26.7	40.0	71.1	80.0	97.7	164.4	2723.1	10790.1	11194.3	11323.1
57.5°	17.8	31.1	48.9	62.2	84.4	142.1	2558.7	11189.9	11607.4	11674.1
60°	8.9	22.2	35.5	48.9	71.1	124.4	2327.7	11483.0	12109.4	12180.5
62.5°	4.4	13.3	26.7	40.0	57.7	97.7	2087.8	11016.6	11891.7	12016.1
65°	0.0	8.9	17.8	26.7	35.5	71.1	1696.9	9946.0	11029.9	11487.5
67.5°	0.0	0.0	8.9	17.8	22.2	53.3	1279.3	9048.7	10234.8	10856.7
70°	0.0	0.0	4.4	4.4	13.3	40.0	817.4	7494.0	9137.6	9479.6
72.5°	0.0	0.0	0.0	0.0	4.4	26.7	475.3	5566.1	7160.8	7796.0
75°	0.0	0.0	0.0	0.0	0.0	22.2	239.9	3580.4	4984.1	5837.0
77.5°	0.0	0.0	0.0	0.0	0.0	17.8	128.8	2309.9	3673.7	4388.9
80°	0.0	0.0	0.0	0.0	0.0	4.4	75.5	1341.5	2349.9	2847.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	31.1	657.4	1403.7	1643.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.9	350.9	701.9	924.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	48.9	93.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)