

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: P598980

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

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598980
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

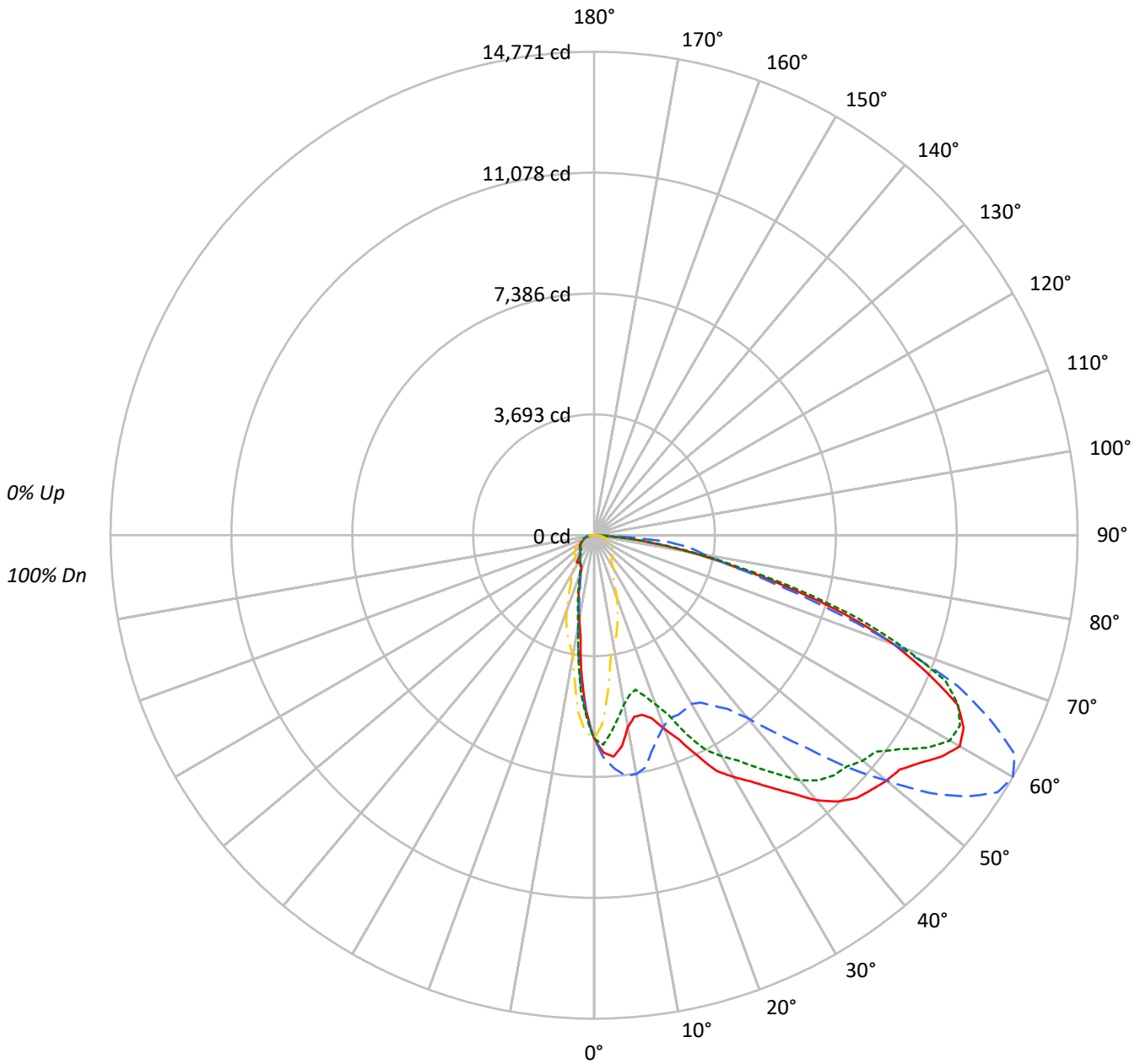
Lumens per Lamp: N/A
 Luminaire Lumens: 19427.3 lumens
 Efficiency: N/A
 Efficacy: 117.0 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	66790	66790	66790	66790
5°	73377	65182	46745	51029
10°	64994	57365	28352	30425
15°	63288	54452	20072	20840
20°	72162	62981	13129	14511
25°	87922	79836	11463	11873
30°	105936	96831	11890	11033
35°	123549	113697	9853	9286
40°	148462	137320	9204	8719
45°	172774	157819	9315	8659
50°	195258	179383	9525	8947
55°	227714	213805	9865	9379
60°	277735	270127	9834	9834
65°	312125	312565	10096	10537
70°	306754	317602	10578	10848
75°	253037	269885	11112	11828
80°	182700	191781	12286	12819
85°	101111	108558	13832	17031

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	482.1	2.5
10°-20°	1017.7	5.2
20°-30°	1489.1	7.7
30°-40°	2098.0	10.8
40°-50°	2883.3	14.8
50°-60°	3929.6	20.2
60°-70°	4300.8	22.1
70°-80°	2483.0	12.8
80°-90°	743.6	3.8
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°	2988.9	15.4
0°-40°	5086.9	26.2
0°-60°	11899.9	61.3
0°-90°	19427.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19427.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6205	6205	6205	6205	6205	
5°	6791	6033	4326	4723	6791	617
15°	5679	4886	1801	1870	5679	1659
25°	7403	6722	965	1000	7403	3467
35°	9402	8652	750	707	9402	5962
45°	11350	10368	612	569	11350	8723
55°	12134	11393	526	500	12134	10949
65°	12255	12272	396	414	12255	11729
75°	6084	6489	267	284	6084	6536
85°	819	879	112	138	819	1136
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°	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0
2.5°	6644.5	6618.6	6644.5	6739.3	6765.1	6808.2	6808.2	6747.9	6635.9	6584.2	6498.0
5°	6791.0	6747.9	6963.4	7161.6	7316.7	7299.5	7153.0	7032.3	6808.2	6472.1	6153.3
7.5°	6498.0	6541.1	6696.2	7213.3	7575.2	7644.2	7411.5	7170.2	6687.6	6222.2	5791.3
10°	5946.4	6006.8	6342.9	6877.2	7446.0	7558.0	7411.5	7118.5	6541.1	5963.7	5463.8
12.5°	5679.3	5817.2	6015.4	6661.7	7066.8	7333.9	7265.0	7075.4	6429.0	5748.2	5265.6
15°	5679.3	5713.7	6006.8	6549.7	6782.4	6791.0	6816.9	6851.3	6463.5	5843.0	5196.7
17.5°	5860.3	5955.1	6205.0	6541.1	6584.2	6480.8	6480.8	6627.3	6532.5	6110.2	5446.6
20°	6299.8	6265.3	6592.8	6730.7	6498.0	6239.4	6213.6	6463.5	6610.0	6394.6	5903.3
22.5°	6739.3	6894.4	7161.6	6851.3	6420.4	6075.7	6041.2	6351.5	6842.7	6885.8	6429.0
25°	7402.9	7558.0	7695.9	7316.7	6411.8	6032.6	6058.5	6299.8	7127.1	7583.9	7308.1
27.5°	8118.2	8213.0	8411.2	7825.2	6618.6	5980.9	6006.8	6368.7	7394.3	8040.6	7997.5
30°	8523.2	8626.6	8583.5	7920.0	6756.5	6015.4	5946.4	6463.5	7247.8	8040.6	8445.7
32.5°	8919.7	8859.3	8833.5	8075.1	6928.9	6230.8	6058.5	6661.7	7333.9	8169.9	9023.1
35°	9402.3	9316.1	9247.1	8376.7	7213.3	6437.7	6360.1	6920.3	7523.5	8437.0	9488.4
37.5°	9936.6	9936.6	9600.5	8600.8	7549.4	6773.8	6687.6	7290.8	7825.2	8600.8	10126.2
40°	10565.7	10591.5	9996.9	8902.4	7928.6	7308.1	7282.2	7773.5	8118.2	8842.1	10738.1
42.5°	11031.1	11048.3	10341.6	9014.5	8368.1	8049.2	8161.3	8549.1	8454.3	9057.5	10781.1
45°	11349.9	11263.8	10582.9	9333.3	8850.7	9161.0	9195.4	9307.5	8893.8	9186.8	10953.5
47.5°	11505.1	11487.8	10686.3	9703.9	9867.6	10289.9	10488.1	10333.0	9298.8	9048.9	10953.5
50°	11660.2	11513.7	10781.1	10212.4	10858.7	11711.9	11668.8	11384.4	9859.0	9221.3	10789.8
52.5°	11763.6	11634.3	10970.7	10669.1	11806.7	12771.9	12944.3	12418.6	10514.0	9540.1	10867.3
55°	12134.2	12030.8	11539.5	11289.6	12901.2	13892.3	13918.1	13185.6	11203.4	10065.8	11375.8
57.5°	12582.3	12642.6	12323.8	12168.6	13737.1	14711.0	14616.2	13754.4	11789.5	10703.6	11961.8
60°	12901.2	12996.0	12918.4	12935.6	14150.8	14986.7	14771.3	14107.7	12220.4	11186.2	12677.1
62.5°	12728.8	12918.4	13237.3	13168.3	14168.0	14788.5	14486.9	13642.3	12272.1	11815.3	13220.0
65°	12254.8	12272.1	12892.6	13271.8	13392.4	13763.0	13366.6	12668.5	11737.7	12203.1	13142.5
67.5°	11039.7	11177.6	11737.7	12478.9	11970.4	12056.6	12022.1	11013.8	10927.7	11936.0	12547.8
70°	9747.0	9841.8	10453.7	11324.1	10108.9	9703.9	9781.5	9031.7	9385.0	11108.6	11349.9
72.5°	8057.8	8118.2	8816.2	9583.2	8109.6	7385.6	7566.6	6954.7	7454.6	9721.1	9574.6
75°	6084.3	6196.4	6739.3	7644.2	5972.3	5506.9	5687.9	5438.0	5903.3	8006.1	7428.7
77.5°	4326.2	4240.1	4912.3	5980.9	4490.0	4214.2	4231.4	4274.5	4774.4	6747.9	5334.6
80°	2947.4	2973.2	3576.5	4386.6	3524.8	3481.7	3438.6	3783.3	4007.4	5343.2	3878.1
82.5°	1749.5	1749.5	2413.0	3119.7	2783.6	3137.0	2938.7	3249.0	3137.0	3929.8	2542.3
85°	818.7	818.7	1241.0	2249.3	2154.5	2585.4	2197.6	2456.1	2318.2	2740.5	1146.2
87.5°	137.9	120.7	249.9	1103.1	887.7	1008.3	396.4	1309.9	1456.4	1913.2	284.4
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°	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0
2.5°	6403.2	6342.9	6222.2	6067.1	5937.8	5774.1	5722.4	5610.3	5455.2	5438.0	5369.0
5°	6032.6	5825.8	5567.2	5248.4	5032.9	4808.9	4619.3	4507.2	4378.0	4360.7	4326.2
7.5°	5627.6	5369.0	4938.1	4558.9	4188.4	3835.0	3662.7	3447.2	3300.7	3188.7	3137.0
10°	5248.4	5007.1	4472.8	3955.7	3628.2	3395.5	3188.7	2964.6	2783.6	2645.7	2594.0
12.5°	4998.5	4714.1	4136.7	3645.4	3404.1	3137.0	2904.3	2663.0	2430.3	2249.3	2154.5
15°	4886.4	4619.3	4033.2	3490.3	3137.0	2766.4	2499.2	2257.9	1973.5	1844.3	1801.2
17.5°	5153.6	4757.1	3998.8	3309.3	2809.5	2387.2	2059.7	1801.2	1594.3	1465.1	1413.4
20°	5498.3	5007.1	4059.1	3093.9	2499.2	2025.2	1663.3	1387.5	1249.6	1154.8	1146.2
22.5°	5937.8	5377.6	4153.9	2938.7	2154.5	1628.8	1301.3	1137.6	1042.8	1034.2	1016.9
25°	6722.1	6049.9	4309.0	2731.9	1878.7	1344.4	1111.7	1016.9	973.8	948.0	965.2
27.5°	7394.3	6489.4	4421.0	2602.6	1766.7	1266.8	1077.3	973.8	930.7	922.1	930.7
30°	7790.7	6894.4	4386.6	2361.3	1542.6	1206.5	1146.2	1111.7	1025.5	956.6	956.6
32.5°	8152.6	7153.0	4378.0	2145.9	1318.6	1008.3	956.6	930.7	982.5	1016.9	991.1
35°	8652.5	7558.0	4352.1	2025.2	1223.8	930.7	844.6	775.6	741.1	723.9	749.8
37.5°	9186.8	7833.8	4283.2	2008.0	1172.1	887.7	818.7	749.8	715.3	698.1	689.4
40°	9772.8	8126.8	4205.6	1921.8	1146.2	861.8	792.9	732.5	689.4	663.6	655.0
42.5°	10152.0	8359.5	4128.0	1878.7	1094.5	844.6	767.0	715.3	672.2	637.7	637.7
45°	10367.5	8635.3	4050.5	1835.6	1034.2	853.2	767.0	698.1	646.4	629.1	611.9
47.5°	10462.3	8842.1	4024.6	1766.7	982.5	818.7	749.8	680.8	629.1	594.6	586.0
50°	10712.2	9281.6	4119.4	1715.0	922.1	784.2	792.9	672.2	620.5	577.4	568.8
52.5°	10858.7	9634.9	4326.2	1637.4	879.0	741.1	775.6	655.0	594.6	551.6	551.6
55°	11393.0	10221.0	4550.3	1577.1	827.3	680.8	715.3	620.5	551.6	525.7	525.7
57.5°	12073.8	10841.5	4739.9	1551.2	792.9	637.7	637.7	603.3	525.7	491.2	482.6
60°	12547.8	11349.9	4851.9	1534.0	758.4	594.6	568.8	603.3	499.8	465.4	456.8
62.5°	12599.5	11056.9	4739.9	1525.4	749.8	551.6	517.1	577.4	474.0	439.5	422.3
65°	12272.1	10462.3	4429.7	1490.9	741.1	508.5	482.6	499.8	439.5	413.7	396.4
67.5°	11617.1	9497.1	3981.5	1473.7	732.5	474.0	439.5	430.9	405.0	379.2	362.0
70°	10091.7	8238.8	3455.8	1396.1	715.3	448.1	396.4	387.8	362.0	344.7	336.1
72.5°	8471.5	6739.3	2852.6	1292.7	680.8	405.0	362.0	344.7	336.1	310.2	301.6
75°	6489.4	5188.0	2283.8	1146.2	594.6	362.0	318.9	301.6	293.0	275.8	267.2
77.5°	4558.9	3860.9	1689.1	930.7	499.8	327.5	284.4	267.2	258.5	232.7	232.7
80°	3093.9	2706.1	1146.2	646.4	387.8	267.2	249.9	232.7	215.5	198.2	198.2
82.5°	1921.8	1896.0	827.3	422.3	284.4	215.5	198.2	198.2	172.4	155.1	155.1
85°	879.0	1163.4	577.4	293.0	215.5	163.7	163.7	155.1	137.9	112.0	112.0
87.5°	275.8	387.8	301.6	129.3	120.7	94.8	94.8	86.2	86.2	68.9	68.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0
2.5°	5438.0	5429.4	5429.4	5394.9	5481.1	5481.1	5532.8	5489.7	5515.5	5524.2	5593.1
5°	4317.6	4386.6	4438.3	4541.7	4602.0	4627.9	4627.9	4696.8	4671.0	4722.7	4826.1
7.5°	3162.8	3249.0	3404.1	3533.4	3636.8	3671.3	3662.7	3679.9	3705.7	3645.4	3662.7
10°	2559.6	2499.2	2550.9	2671.6	2766.4	2878.4	2792.2	2783.6	2809.5	2783.6	2835.3
12.5°	2137.3	2068.3	2025.2	2025.2	2094.2	2145.9	2120.0	2163.1	2257.9	2283.8	2344.1
15°	1732.2	1671.9	1637.4	1594.3	1663.3	1680.5	1706.4	1766.7	1835.6	1870.1	1939.1
17.5°	1387.5	1387.5	1387.5	1353.0	1378.9	1404.7	1413.4	1490.9	1499.5	1534.0	1559.9
20°	1137.6	1163.4	1206.5	1223.8	1249.6	1249.6	1232.4	1275.5	1241.0	1266.8	1284.1
22.5°	1025.5	1060.0	1077.3	1085.9	1120.3	1129.0	1085.9	1094.5	1103.1	1077.3	1085.9
25°	965.2	982.5	965.2	973.8	982.5	965.2	973.8	991.1	982.5	999.7	991.1
27.5°	939.4	922.1	913.5	904.9	904.9	887.7	896.3	896.3	913.5	922.1	922.1
30°	939.4	913.5	879.0	853.2	853.2	827.3	844.6	861.8	870.4	887.7	887.7
32.5°	965.2	913.5	853.2	827.3	801.5	784.2	801.5	827.3	861.8	870.4	879.0
35°	767.0	792.9	784.2	749.8	741.1	741.1	732.5	732.5	706.7	706.7	698.1
37.5°	689.4	680.8	698.1	706.7	715.3	689.4	689.4	655.0	646.4	655.0	655.0
40°	646.4	646.4	646.4	672.2	680.8	663.6	637.7	620.5	620.5	620.5	629.1
42.5°	629.1	611.9	603.3	620.5	646.4	629.1	603.3	594.6	594.6	603.3	603.3
45°	603.3	594.6	586.0	577.4	611.9	586.0	577.4	568.8	568.8	568.8	577.4
47.5°	577.4	568.8	551.6	551.6	560.2	551.6	542.9	542.9	542.9	560.2	560.2
50°	560.2	551.6	534.3	534.3	534.3	534.3	525.7	525.7	525.7	534.3	542.9
52.5°	534.3	525.7	517.1	508.5	508.5	508.5	508.5	508.5	508.5	517.1	525.7
55°	508.5	499.8	491.2	491.2	499.8	499.8	491.2	499.8	491.2	499.8	508.5
57.5°	482.6	474.0	465.4	474.0	482.6	474.0	474.0	474.0	474.0	474.0	482.6
60°	448.1	448.1	448.1	448.1	465.4	465.4	465.4	465.4	448.1	456.8	465.4
62.5°	430.9	422.3	422.3	430.9	439.5	439.5	448.1	439.5	430.9	439.5	439.5
65°	396.4	396.4	396.4	405.0	405.0	413.7	413.7	413.7	405.0	413.7	413.7
67.5°	370.6	370.6	370.6	370.6	387.8	387.8	387.8	387.8	379.2	379.2	387.8
70°	327.5	336.1	327.5	344.7	362.0	353.3	362.0	362.0	353.3	344.7	362.0
72.5°	301.6	301.6	301.6	301.6	327.5	327.5	327.5	336.1	327.5	318.9	327.5
75°	267.2	267.2	267.2	275.8	293.0	293.0	293.0	293.0	293.0	284.4	284.4
77.5°	232.7	241.3	232.7	241.3	258.5	249.9	258.5	267.2	258.5	249.9	249.9
80°	198.2	198.2	198.2	206.8	215.5	215.5	215.5	224.1	215.5	206.8	206.8
82.5°	155.1	155.1	163.7	163.7	172.4	172.4	172.4	181.0	172.4	163.7	163.7
85°	120.7	120.7	120.7	129.3	129.3	137.9	137.9	146.5	146.5	137.9	137.9
87.5°	77.6	68.9	77.6	77.6	86.2	86.2	77.6	68.9	77.6	68.9	60.3
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: P598980
 CATALOG NUMBER: IFLD-M-SA4B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0	6205.0
2.5°	5662.0	5817.2	5929.2	6006.8	6118.8	6334.2	6420.4	6575.6	6618.6	6644.5
5°	4869.2	5032.9	5274.2	5446.6	5644.8	6049.9	6360.1	6592.8	6696.2	6791.0
7.5°	3817.8	4033.2	4283.2	4507.2	4834.7	5334.6	5739.6	6222.2	6403.2	6498.0
10°	2981.8	3180.0	3455.8	3731.6	4188.4	4610.6	5188.0	5627.6	5877.5	5946.4
12.5°	2516.5	2749.1	3076.6	3412.7	3697.1	4179.7	4765.8	5403.5	5636.2	5679.3
15°	2137.3	2456.1	2792.2	3137.0	3464.4	3886.7	4515.8	5291.5	5636.2	5679.3
17.5°	1766.7	2051.1	2447.5	2818.1	3197.3	3774.7	4558.9	5386.3	5731.0	5860.3
20°	1404.7	1680.5	1990.8	2456.1	2973.2	3585.1	4653.7	5705.1	6161.9	6299.8
22.5°	1163.4	1284.1	1585.7	2033.9	2645.7	3455.8	4748.5	6205.0	6687.6	6739.3
25°	1016.9	1103.1	1292.7	1715.0	2387.2	3369.6	4972.6	6782.4	7402.9	7402.9
27.5°	948.0	982.5	1111.7	1490.9	2206.2	3292.1	5196.7	7420.1	7997.5	8118.2
30°	930.7	1016.9	1085.9	1327.2	2008.0	3076.6	5403.5	7920.0	8514.6	8523.2
32.5°	913.5	896.3	948.0	1154.8	1766.7	2852.6	5575.9	8428.4	8893.8	8919.7
35°	715.3	749.8	835.9	1016.9	1585.7	2688.8	5662.0	8704.2	9376.4	9402.3
37.5°	672.2	715.3	784.2	939.4	1465.1	2550.9	5687.9	9238.5	9884.9	9936.6
40°	655.0	689.4	741.1	870.4	1370.3	2378.6	5739.6	9790.1	10634.6	10565.7
42.5°	620.5	663.6	715.3	835.9	1292.7	2249.3	5748.2	10091.7	11031.1	11031.1
45°	611.9	637.7	698.1	835.9	1206.5	2137.3	5610.3	10393.3	11487.8	11349.9
47.5°	577.4	629.1	680.8	810.1	1103.1	2025.2	5446.6	10548.5	11548.1	11505.1
50°	568.8	620.5	706.7	767.0	1042.8	1973.5	5412.1	10936.3	11668.8	11660.2
52.5°	551.6	603.3	732.5	732.5	965.2	1904.6	5575.9	11108.6	11694.7	11763.6
55°	525.7	603.3	680.8	672.2	896.3	1818.4	5756.8	11556.8	12151.4	12134.2
57.5°	508.5	586.0	646.4	611.9	818.7	1758.1	6024.0	11987.7	12703.0	12582.3
60°	482.6	586.0	577.4	568.8	758.4	1706.4	6248.1	12073.8	12823.6	12901.2
62.5°	465.4	611.9	508.5	525.7	706.7	1680.5	6153.3	11427.5	12659.9	12728.8
65°	448.1	525.7	465.4	482.6	689.4	1628.8	5782.7	10651.9	11953.2	12254.8
67.5°	413.7	430.9	430.9	448.1	672.2	1508.2	5024.3	9255.8	10875.9	11039.7
70°	379.2	387.8	387.8	413.7	655.0	1370.3	4145.3	8006.1	9436.7	9747.0
72.5°	344.7	344.7	344.7	379.2	603.3	1258.2	3412.7	6153.3	7842.4	8057.8
75°	301.6	301.6	301.6	336.1	542.9	1146.2	2688.8	4576.2	5774.1	6084.3
77.5°	267.2	267.2	258.5	301.6	474.0	930.7	1939.1	3231.8	4067.7	4326.2
80°	224.1	215.5	215.5	241.3	370.6	672.2	1249.6	2283.8	2835.3	2947.4
82.5°	181.0	172.4	163.7	181.0	267.2	422.3	775.6	1594.3	1818.4	1749.5
85°	172.4	181.0	146.5	137.9	189.6	275.8	491.2	982.5	818.7	818.7
87.5°	68.9	60.3	60.3	51.7	94.8	103.4	215.5	181.0	137.9	137.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)