

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: P598979

Luminaire Tested: **IFLD-M-SA4A-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: P598979  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-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**

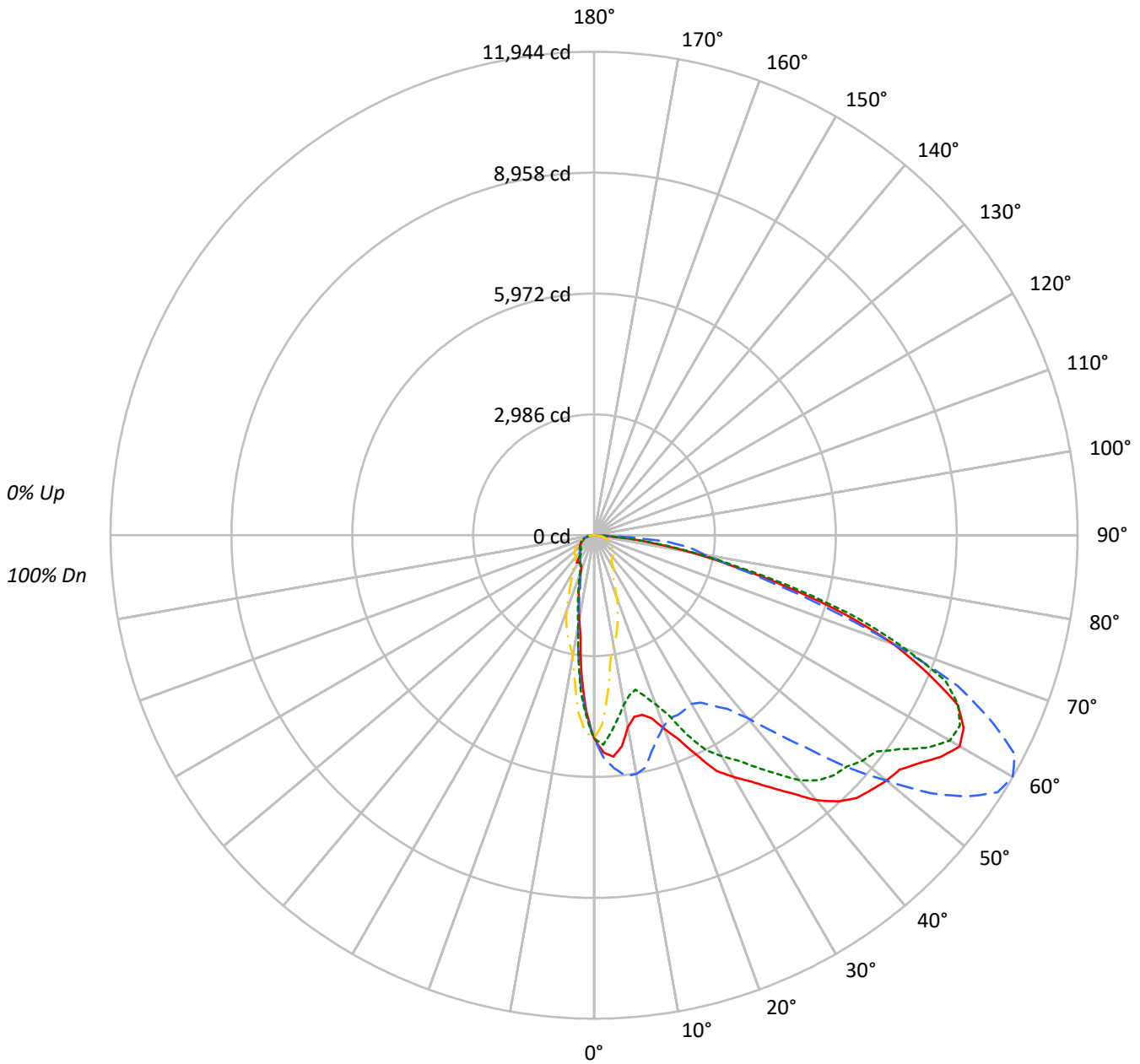
Lumens per Lamp: N/A  
 Luminaire Lumens: 15708.4 lumens  
 Efficiency: N/A  
 Efficacy: 122.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 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	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°	54005	54005	54005	54005
5°	59330	52705	37797	41260
10°	52552	46383	22926	24601
15°	51173	44028	16230	16850
20°	58348	50925	10616	11733
25°	71091	64553	9269	9600
30°	85658	78295	9614	8920
35°	99898	91932	7966	7508
40°	120042	111035	7442	7050
45°	139701	127608	7531	7001
50°	157880	145044	7701	7234
55°	184124	172877	7978	7585
60°	224568	218417	7950	7950
65°	252376	252732	8163	8520
70°	248034	256805	8554	8771
75°	204599	218219	8983	9565
80°	147727	155066	9937	10364
85°	81758	87785	11189	13770

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	389.8	2.5
10°-20°	822.9	5.2
20°-30°	1204.0	7.7
30°-40°	1696.4	10.8
40°-50°	2331.4	14.8
50°-60°	3177.4	20.2
60°-70°	3477.5	22.1
70°-80°	2007.7	12.8
80°-90°	601.2	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°	2416.7	15.4
0°-40°	4113.2	26.2
0°-60°	9621.9	61.3
0°-90°	15708.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15708.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5017	5017	5017	5017	5017	
5°	5491	4878	3498	3819	5491	499
15°	4592	3951	1456	1512	4592	1342
25°	5986	5435	780	808	5986	2803
35°	7602	6996	606	571	7602	4821
45°	9177	8383	495	460	9177	7053
55°	9811	9212	425	404	9811	8853
65°	9909	9923	320	334	9909	9484
75°	4920	5247	216	230	4920	5285
85°	662	711	91	112	662	919
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°	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2
2.5°	5372.6	5351.7	5372.6	5449.2	5470.1	5505.0	5505.0	5456.2	5365.6	5323.8	5254.1
5°	5491.0	5456.2	5630.4	5790.7	5916.1	5902.2	5783.7	5686.1	5505.0	5233.2	4975.4
7.5°	5254.1	5288.9	5414.4	5832.5	6125.1	6180.9	5992.7	5797.6	5407.4	5031.1	4682.7
10°	4808.1	4856.9	5128.7	5560.7	6020.6	6111.2	5992.7	5755.8	5288.9	4822.1	4417.9
12.5°	4592.1	4703.6	4863.9	5386.5	5714.0	5930.0	5874.3	5721.0	5198.4	4647.9	4257.6
15°	4592.1	4620.0	4856.9	5295.9	5484.1	5491.0	5511.9	5539.8	5226.2	4724.5	4201.9
17.5°	4738.4	4815.1	5017.2	5288.9	5323.8	5240.2	5240.2	5358.6	5282.0	4940.5	4404.0
20°	5093.8	5066.0	5330.8	5442.2	5254.1	5045.1	5024.1	5226.2	5344.7	5170.5	4773.3
22.5°	5449.2	5574.6	5790.7	5539.8	5191.4	4912.7	4884.8	5135.6	5532.8	5567.7	5198.4
25°	5985.8	6111.2	6222.7	5916.1	5184.4	4877.8	4898.7	5093.8	5762.8	6132.1	5909.1
27.5°	6564.1	6640.8	6801.1	6327.2	5351.7	4836.0	4856.9	5149.6	5978.8	6501.4	6466.6
30°	6891.7	6975.3	6940.4	6403.9	5463.1	4863.9	4808.1	5226.2	5860.3	6501.4	6828.9
32.5°	7212.2	7163.4	7142.5	6529.3	5602.5	5038.1	4898.7	5386.5	5930.0	6606.0	7295.8
35°	7602.4	7532.7	7477.0	6773.2	5832.5	5205.3	5142.6	5595.5	6083.3	6822.0	7672.1
37.5°	8034.5	8034.5	7762.7	6954.4	6104.2	5477.1	5407.4	5895.2	6327.2	6954.4	8187.8
40°	8543.1	8564.0	8083.2	7198.3	6410.8	5909.1	5888.2	6285.4	6564.1	7149.5	8682.5
42.5°	8919.4	8933.4	8362.0	7288.8	6766.2	6508.4	6599.0	6912.6	6835.9	7323.7	8717.3
45°	9177.3	9107.6	8557.1	7546.7	7156.4	7407.3	7435.2	7525.8	7191.3	7428.2	8856.7
47.5°	9302.7	9288.7	8640.7	7846.3	7978.7	8320.2	8480.4	8355.0	7518.8	7316.7	8856.7
50°	9428.1	9309.7	8717.3	8257.4	8780.1	9469.9	9435.1	9205.1	7971.7	7456.1	8724.3
52.5°	9511.7	9407.2	8870.6	8626.8	9546.6	10327.0	10466.4	10041.3	8501.3	7713.9	8787.0
55°	9811.4	9727.8	9330.6	9128.5	10431.5	11232.9	11253.8	10661.5	9058.8	8139.0	9198.2
57.5°	10173.7	10222.5	9964.7	9839.2	11107.5	11894.9	11818.2	11121.4	9532.6	8654.6	9672.0
60°	10431.5	10508.2	10445.5	10459.4	11442.0	12117.9	11943.7	11407.1	9881.1	9044.9	10250.4
62.5°	10292.2	10445.5	10703.3	10647.6	11455.9	11957.6	11713.7	11030.8	9922.9	9553.5	10689.4
65°	9908.9	9922.9	10424.6	10731.2	10828.7	11128.4	10807.8	10243.4	9490.8	9867.1	10626.7
67.5°	8926.4	9037.9	9490.8	10090.1	9679.0	9748.7	9720.8	8905.5	8835.8	9651.1	10145.8
70°	7881.2	7957.8	8452.6	9156.3	8173.8	7846.3	7909.0	7302.8	7588.5	8982.1	9177.3
72.5°	6515.4	6564.1	7128.6	7748.8	6557.2	5971.8	6118.2	5623.4	6027.6	7860.2	7741.8
75°	4919.6	5010.2	5449.2	6180.9	4829.0	4452.7	4599.1	4397.0	4773.3	6473.6	6006.7
77.5°	3498.1	3428.4	3971.9	4836.0	3630.5	3407.5	3421.4	3456.3	3860.4	5456.2	4313.4
80°	2383.2	2404.1	2891.8	3546.9	2850.0	2815.2	2780.4	3059.1	3240.3	4320.3	3135.7
82.5°	1414.6	1414.6	1951.1	2522.5	2250.8	2536.5	2376.2	2627.1	2536.5	3177.5	2055.6
85°	662.0	662.0	1003.4	1818.7	1742.1	2090.5	1776.9	1986.0	1874.5	2215.9	926.8
87.5°	111.5	97.6	202.1	891.9	717.7	815.3	320.5	1059.2	1177.6	1547.0	230.0
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°	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2
2.5°	5177.4	5128.7	5031.1	4905.7	4801.2	4668.8	4627.0	4536.4	4410.9	4397.0	4341.3
5°	4877.8	4710.6	4501.5	4243.7	4069.5	3888.3	3735.0	3644.4	3539.9	3526.0	3498.1
7.5°	4550.3	4341.3	3992.8	3686.2	3386.6	3100.9	2961.5	2787.3	2668.9	2578.3	2536.5
10°	4243.7	4048.6	3616.5	3198.5	2933.7	2745.5	2578.3	2397.1	2250.8	2139.3	2097.5
12.5°	4041.6	3811.7	3344.8	2947.6	2752.5	2536.5	2348.3	2153.2	1965.1	1818.7	1742.1
15°	3951.0	3735.0	3261.2	2822.2	2536.5	2236.8	2020.8	1825.7	1595.7	1491.2	1456.4
17.5°	4167.0	3846.5	3233.3	2675.8	2271.7	1930.2	1665.4	1456.4	1289.1	1184.6	1142.8
20°	4445.8	4048.6	3282.1	2501.6	2020.8	1637.6	1344.9	1121.9	1010.4	933.8	926.8
22.5°	4801.2	4348.2	3358.7	2376.2	1742.1	1317.0	1052.2	919.8	843.2	836.2	822.3
25°	5435.3	4891.7	3484.2	2209.0	1519.1	1087.1	898.9	822.3	787.4	766.5	780.4
27.5°	5978.8	5247.1	3574.7	2104.4	1428.5	1024.3	871.0	787.4	752.6	745.6	752.6
30°	6299.3	5574.6	3546.9	1909.3	1247.3	975.6	926.8	898.9	829.2	773.5	773.5
32.5°	6592.0	5783.7	3539.9	1735.1	1066.2	815.3	773.5	752.6	794.4	822.3	801.4
35°	6996.2	6111.2	3519.0	1637.6	989.5	752.6	682.9	627.1	599.3	585.3	606.2
37.5°	7428.2	6334.2	3463.2	1623.6	947.7	717.7	662.0	606.2	578.4	564.4	557.5
40°	7902.1	6571.1	3400.5	1553.9	926.8	696.8	641.1	592.3	557.5	536.6	529.6
42.5°	8208.7	6759.3	3337.8	1519.1	885.0	682.9	620.2	578.4	543.5	515.7	515.7
45°	8382.9	6982.2	3275.1	1484.2	836.2	689.9	620.2	564.4	522.6	508.7	494.7
47.5°	8459.5	7149.5	3254.2	1428.5	794.4	662.0	606.2	550.5	508.7	480.8	473.8
50°	8661.6	7504.9	3330.8	1386.7	745.6	634.1	641.1	543.5	501.7	466.9	459.9
52.5°	8780.1	7790.6	3498.1	1324.0	710.8	599.3	627.1	529.6	480.8	446.0	446.0
55°	9212.1	8264.4	3679.3	1275.2	669.0	550.5	578.4	501.7	446.0	425.1	425.1
57.5°	9762.6	8766.1	3832.6	1254.3	641.1	515.7	515.7	487.8	425.1	397.2	390.2
60°	10145.8	9177.3	3923.2	1240.4	613.2	480.8	459.9	487.8	404.2	376.3	369.3
62.5°	10187.7	8940.3	3832.6	1233.4	606.2	446.0	418.1	466.9	383.3	355.4	341.4
65°	9922.9	8459.5	3581.7	1205.5	599.3	411.1	390.2	404.2	355.4	334.5	320.5
67.5°	9393.3	7679.1	3219.4	1191.6	592.3	383.3	355.4	348.4	327.5	306.6	292.7
70°	8159.9	6661.7	2794.3	1128.9	578.4	362.4	320.5	313.6	292.7	278.7	271.8
72.5°	6849.8	5449.2	2306.5	1045.2	550.5	327.5	292.7	278.7	271.8	250.9	243.9
75°	5247.1	4194.9	1846.6	926.8	480.8	292.7	257.8	243.9	236.9	223.0	216.0
77.5°	3686.2	3121.8	1365.8	752.6	404.2	264.8	230.0	216.0	209.0	188.1	188.1
80°	2501.6	2188.0	926.8	522.6	313.6	216.0	202.1	188.1	174.2	160.3	160.3
82.5°	1553.9	1533.0	669.0	341.4	230.0	174.2	160.3	160.3	139.4	125.4	125.4
85°	710.8	940.7	466.9	236.9	174.2	132.4	132.4	125.4	111.5	90.6	90.6
87.5°	223.0	313.6	243.9	104.5	97.6	76.7	76.7	69.7	69.7	55.7	55.7
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°	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2
2.5°	4397.0	4390.0	4390.0	4362.2	4431.8	4431.8	4473.7	4438.8	4459.7	4466.7	4522.4
5°	3491.1	3546.9	3588.7	3672.3	3721.1	3742.0	3742.0	3797.7	3776.8	3818.6	3902.2
7.5°	2557.4	2627.1	2752.5	2857.0	2940.6	2968.5	2961.5	2975.5	2996.4	2947.6	2961.5
10°	2069.6	2020.8	2062.6	2160.2	2236.8	2327.4	2257.7	2250.8	2271.7	2250.8	2292.6
12.5°	1728.1	1672.4	1637.6	1637.6	1693.3	1735.1	1714.2	1749.0	1825.7	1846.6	1895.4
15°	1400.6	1351.9	1324.0	1289.1	1344.9	1358.8	1379.7	1428.5	1484.2	1512.1	1567.9
17.5°	1121.9	1121.9	1121.9	1094.0	1114.9	1135.8	1142.8	1205.5	1212.5	1240.4	1261.3
20°	919.8	940.7	975.6	989.5	1010.4	1010.4	996.5	1031.3	1003.4	1024.3	1038.3
22.5°	829.2	857.1	871.0	878.0	905.9	912.8	878.0	885.0	891.9	871.0	878.0
25°	780.4	794.4	780.4	787.4	794.4	780.4	787.4	801.4	794.4	808.3	801.4
27.5°	759.5	745.6	738.6	731.7	731.7	717.7	724.7	724.7	738.6	745.6	745.6
30°	759.5	738.6	710.8	689.9	689.9	669.0	682.9	696.8	703.8	717.7	717.7
32.5°	780.4	738.6	689.9	669.0	648.1	634.1	648.1	669.0	696.8	703.8	710.8
35°	620.2	641.1	634.1	606.2	599.3	599.3	592.3	592.3	571.4	571.4	564.4
37.5°	557.5	550.5	564.4	571.4	578.4	557.5	557.5	529.6	522.6	529.6	529.6
40°	522.6	522.6	522.6	543.5	550.5	536.6	515.7	501.7	501.7	501.7	508.7
42.5°	508.7	494.7	487.8	501.7	522.6	508.7	487.8	480.8	480.8	487.8	487.8
45°	487.8	480.8	473.8	466.9	494.7	473.8	466.9	459.9	459.9	459.9	466.9
47.5°	466.9	459.9	446.0	446.0	452.9	446.0	439.0	439.0	439.0	452.9	452.9
50°	452.9	446.0	432.0	432.0	432.0	432.0	425.1	425.1	425.1	432.0	439.0
52.5°	432.0	425.1	418.1	411.1	411.1	411.1	411.1	411.1	411.1	418.1	425.1
55°	411.1	404.2	397.2	397.2	404.2	404.2	397.2	404.2	397.2	404.2	411.1
57.5°	390.2	383.3	376.3	383.3	390.2	383.3	383.3	383.3	383.3	383.3	390.2
60°	362.4	362.4	362.4	362.4	376.3	376.3	376.3	376.3	362.4	369.3	376.3
62.5°	348.4	341.4	341.4	348.4	355.4	355.4	362.4	355.4	348.4	355.4	355.4
65°	320.5	320.5	320.5	327.5	327.5	334.5	334.5	334.5	327.5	334.5	334.5
67.5°	299.6	299.6	299.6	299.6	313.6	313.6	313.6	313.6	306.6	306.6	313.6
70°	264.8	271.8	264.8	278.7	292.7	285.7	292.7	292.7	285.7	278.7	292.7
72.5°	243.9	243.9	243.9	243.9	264.8	264.8	264.8	271.8	264.8	257.8	264.8
75°	216.0	216.0	216.0	223.0	236.9	236.9	236.9	236.9	236.9	230.0	230.0
77.5°	188.1	195.1	188.1	195.1	209.0	202.1	209.0	216.0	209.0	202.1	202.1
80°	160.3	160.3	160.3	167.2	174.2	174.2	174.2	181.2	174.2	167.2	167.2
82.5°	125.4	125.4	132.4	132.4	139.4	139.4	139.4	146.3	139.4	132.4	132.4
85°	97.6	97.6	97.6	104.5	104.5	111.5	111.5	118.5	118.5	111.5	111.5
87.5°	62.7	55.7	62.7	62.7	69.7	69.7	62.7	55.7	62.7	55.7	48.8
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: P598979  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2	5017.2
2.5°	4578.2	4703.6	4794.2	4856.9	4947.5	5121.7	5191.4	5316.8	5351.7	5372.6
5°	3937.1	4069.5	4264.6	4404.0	4564.2	4891.7	5142.6	5330.8	5414.4	5491.0
7.5°	3087.0	3261.2	3463.2	3644.4	3909.2	4313.4	4640.9	5031.1	5177.4	5254.1
10°	2411.0	2571.3	2794.3	3017.3	3386.6	3728.0	4194.9	4550.3	4752.4	4808.1
12.5°	2034.7	2222.9	2487.7	2759.4	2989.4	3379.6	3853.5	4369.1	4557.3	4592.1
15°	1728.1	1986.0	2257.7	2536.5	2801.3	3142.7	3651.4	4278.5	4557.3	4592.1
17.5°	1428.5	1658.5	1979.0	2278.6	2585.2	3052.1	3686.2	4355.2	4633.9	4738.4
20°	1135.8	1358.8	1609.7	1986.0	2404.1	2898.8	3762.9	4613.0	4982.3	5093.8
22.5°	940.7	1038.3	1282.2	1644.5	2139.3	2794.3	3839.5	5017.2	5407.4	5449.2
25°	822.3	891.9	1045.2	1386.7	1930.2	2724.6	4020.7	5484.1	5985.8	5985.8
27.5°	766.5	794.4	898.9	1205.5	1783.9	2661.9	4201.9	5999.7	6466.6	6564.1
30°	752.6	822.3	878.0	1073.1	1623.6	2487.7	4369.1	6403.9	6884.7	6891.7
32.5°	738.6	724.7	766.5	933.8	1428.5	2306.5	4508.5	6815.0	7191.3	7212.2
35°	578.4	606.2	675.9	822.3	1282.2	2174.1	4578.2	7038.0	7581.5	7602.4
37.5°	543.5	578.4	634.1	759.5	1184.6	2062.6	4599.1	7470.0	7992.6	8034.5
40°	529.6	557.5	599.3	703.8	1108.0	1923.3	4640.9	7916.0	8598.9	8543.1
42.5°	501.7	536.6	578.4	675.9	1045.2	1818.7	4647.9	8159.9	8919.4	8919.4
45°	494.7	515.7	564.4	675.9	975.6	1728.1	4536.4	8403.8	9288.7	9177.3
47.5°	466.9	508.7	550.5	655.0	891.9	1637.6	4404.0	8529.2	9337.5	9302.7
50°	459.9	501.7	571.4	620.2	843.2	1595.7	4376.1	8842.8	9435.1	9428.1
52.5°	446.0	487.8	592.3	592.3	780.4	1540.0	4508.5	8982.1	9456.0	9511.7
55°	425.1	487.8	550.5	543.5	724.7	1470.3	4654.8	9344.5	9825.3	9811.4
57.5°	411.1	473.8	522.6	494.7	662.0	1421.5	4870.8	9692.9	10271.3	10173.7
60°	390.2	473.8	466.9	459.9	613.2	1379.7	5052.0	9762.6	10368.8	10431.5
62.5°	376.3	494.7	411.1	425.1	571.4	1358.8	4975.4	9240.0	10236.4	10292.2
65°	362.4	425.1	376.3	390.2	557.5	1317.0	4675.7	8612.8	9665.0	9908.9
67.5°	334.5	348.4	348.4	362.4	543.5	1219.5	4062.5	7484.0	8794.0	8926.4
70°	306.6	313.6	313.6	334.5	529.6	1108.0	3351.8	6473.6	7630.3	7881.2
72.5°	278.7	278.7	278.7	306.6	487.8	1017.4	2759.4	4975.4	6341.2	6515.4
75°	243.9	243.9	243.9	271.8	439.0	926.8	2174.1	3700.2	4668.8	4919.6
77.5°	216.0	216.0	209.0	243.9	383.3	752.6	1567.9	2613.1	3289.0	3498.1
80°	181.2	174.2	174.2	195.1	299.6	543.5	1010.4	1846.6	2292.6	2383.2
82.5°	146.3	139.4	132.4	146.3	216.0	341.4	627.1	1289.1	1470.3	1414.6
85°	139.4	146.3	118.5	111.5	153.3	223.0	397.2	794.4	662.0	662.0
87.5°	55.7	48.8	48.8	41.8	76.7	83.6	174.2	146.3	111.5	111.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)