

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: P599067

Luminaire Tested: **IFLD-M-SA4B-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599067  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4B-827-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (64) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

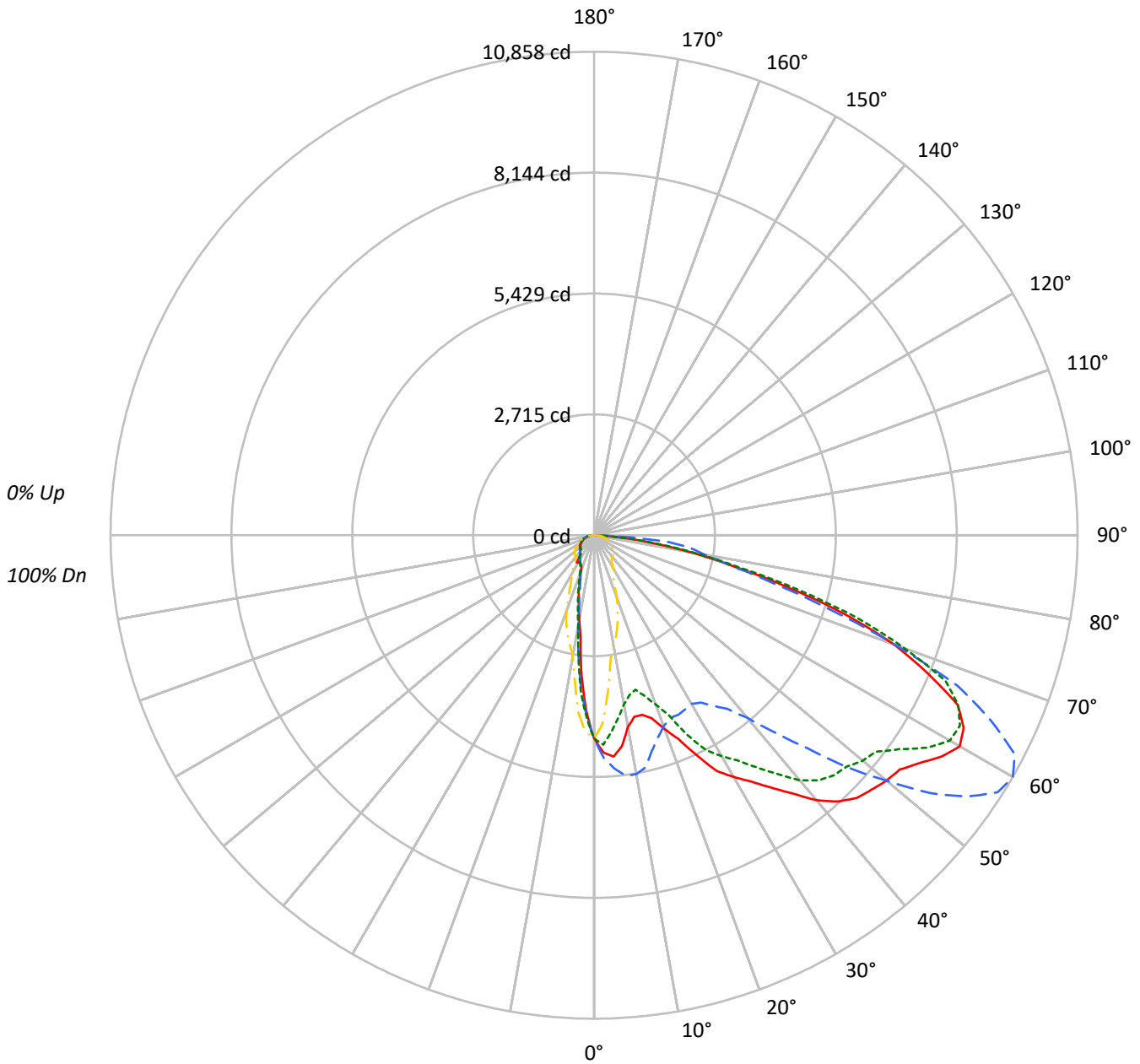
Lumens per Lamp: N/A  
 Luminaire Lumens: 14281.0 lumens  
 Efficiency: N/A  
 Efficacy: 86.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

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°	49097	49097	49097	49097
5°	53940	47916	34362	37511
10°	47777	42169	20842	22365
15°	46522	40028	14754	15319
20°	53047	46298	9652	10668
25°	64632	58687	8426	8728
30°	77873	71180	8740	8110
35°	90821	83578	7243	6826
40°	109134	100944	6766	6409
45°	127006	116012	6847	6365
50°	143534	131864	7001	6578
55°	167392	157168	7251	6895
60°	204163	198571	7229	7229
65°	229443	229766	7422	7745
70°	225494	233469	7777	7975
75°	186009	198390	8168	8696
80°	134301	140977	9031	9422
85°	74324	79807	10177	12523

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	354.4	2.5
10°-20°	748.1	5.2
20°-30°	1094.6	7.7
30°-40°	1542.3	10.8
40°-50°	2119.5	14.8
50°-60°	2888.7	20.2
60°-70°	3161.5	22.1
70°-80°	1825.3	12.8
80°-90°	546.6	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°	2197.1	15.4
0°-40°	3739.4	26.2
0°-60°	8747.6	61.3
0°-90°	14281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14281.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4561	4561	4561	4561	4561	
5°	4992	4435	3180	3472	4992	453
15°	4175	3592	1324	1375	4175	1220
25°	5442	4941	710	735	5442	2548
35°	6912	6360	551	520	6912	4383
45°	8343	7621	450	418	8343	6412
55°	8920	8375	386	367	8920	8048
65°	9008	9021	291	304	9008	8622
75°	4473	4770	196	209	4473	4804
85°	602	646	82	101	602	835
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°	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3
2.5°	4884.4	4865.4	4884.4	4954.1	4973.1	5004.7	5004.7	4960.4	4878.0	4840.0	4776.7
5°	4992.1	4960.4	5118.8	5264.5	5378.5	5365.8	5258.1	5169.4	5004.7	4757.7	4523.3
7.5°	4776.7	4808.3	4922.4	5302.5	5568.6	5619.2	5448.2	5270.8	4916.0	4573.9	4257.2
10°	4371.2	4415.6	4662.6	5055.4	5473.5	5555.9	5448.2	5232.8	4808.3	4383.9	4016.5
12.5°	4174.8	4276.2	4421.9	4897.0	5194.8	5391.2	5340.5	5201.1	4726.0	4225.5	3870.8
15°	4174.8	4200.2	4415.6	4814.7	4985.7	4992.1	5011.1	5036.4	4751.3	4295.2	3820.1
17.5°	4307.9	4377.6	4561.3	4808.3	4840.0	4764.0	4764.0	4871.7	4802.0	4491.6	4003.8
20°	4631.0	4605.6	4846.4	4947.7	4776.7	4586.6	4567.6	4751.3	4859.0	4700.6	4339.5
22.5°	4954.1	5068.1	5264.5	5036.4	4719.7	4466.3	4440.9	4669.0	5030.1	5061.8	4726.0
25°	5441.9	5555.9	5657.3	5378.5	4713.3	4434.6	4453.6	4631.0	5239.1	5574.9	5372.2
27.5°	5967.7	6037.4	6183.1	5752.3	4865.4	4396.6	4415.6	4681.6	5435.5	5910.7	5879.0
30°	6265.4	6341.4	6309.8	5822.0	4966.7	4421.9	4371.2	4751.3	5327.8	5910.7	6208.4
32.5°	6556.8	6512.5	6493.5	5936.0	5093.4	4580.3	4453.6	4897.0	5391.2	6005.7	6632.9
35°	6911.6	6848.3	6797.6	6157.7	5302.5	4732.3	4675.3	5087.1	5530.5	6202.1	6975.0
37.5°	7304.4	7304.4	7057.3	6322.4	5549.6	4979.4	4916.0	5359.5	5752.3	6322.4	7443.8
40°	7766.8	7785.8	7348.7	6544.2	5828.3	5372.2	5353.2	5714.3	5967.7	6499.8	7893.5
42.5°	8108.9	8121.6	7602.1	6626.5	6151.4	5917.0	5999.3	6284.4	6214.7	6658.2	7925.2
45°	8343.3	8280.0	7779.5	6860.9	6506.2	6734.2	6759.6	6841.9	6537.8	6753.2	8051.9
47.5°	8457.4	8444.7	7855.5	7133.3	7253.7	7564.1	7709.8	7595.8	6835.6	6651.9	8051.9
50°	8571.4	8463.7	7925.2	7507.1	7982.2	8609.4	8577.7	8368.7	7247.4	6778.6	7931.6
52.5°	8647.4	8552.4	8064.6	7842.9	8679.1	9388.6	9515.3	9128.9	7728.8	7013.0	7988.6
55°	8919.8	8843.8	8482.7	8299.0	9483.7	10212.2	10231.2	9692.7	8235.6	7399.4	8362.3
57.5°	9249.3	9293.6	9059.2	8945.2	10098.2	10814.0	10744.3	10110.8	8666.4	7868.2	8793.1
60°	9483.7	9553.3	9496.3	9509.0	10402.2	11016.8	10858.4	10370.6	8983.2	8223.0	9318.9
62.5°	9357.0	9496.3	9730.7	9680.0	10414.9	10871.0	10649.3	10028.5	9021.2	8685.4	9718.1
65°	9008.5	9021.2	9477.3	9756.1	9844.8	10117.2	9825.8	9312.6	8628.4	8970.5	9661.0
67.5°	8115.3	8216.6	8628.4	9173.2	8799.5	8862.8	8837.5	8096.3	8032.9	8774.1	9223.9
70°	7165.0	7234.7	7684.5	8324.3	7431.1	7133.3	7190.3	6639.2	6898.9	8166.0	8343.3
72.5°	5923.3	5967.7	6480.8	7044.6	5961.3	5429.2	5562.2	5112.4	5479.9	7146.0	7038.3
75°	4472.6	4554.9	4954.1	5619.2	4390.2	4048.1	4181.2	3997.5	4339.5	5885.3	5460.9
77.5°	3180.2	3116.9	3611.0	4396.6	3300.6	3097.9	3110.5	3142.2	3509.6	4960.4	3921.4
80°	2166.6	2185.6	2629.1	3224.6	2591.1	2559.4	2527.7	2781.1	2945.8	3927.8	2850.8
82.5°	1286.0	1286.0	1773.8	2293.3	2046.2	2306.0	2160.3	2388.3	2306.0	2888.8	1868.9
85°	601.8	601.8	912.3	1653.5	1583.8	1900.5	1615.5	1805.5	1704.1	2014.6	842.6
87.5°	101.4	88.7	183.7	810.9	652.5	741.2	291.4	962.9	1070.6	1406.4	209.1
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°	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3
2.5°	4707.0	4662.6	4573.9	4459.9	4364.9	4244.5	4206.5	4124.2	4010.1	3997.5	3946.8
5°	4434.6	4282.5	4092.5	3858.1	3699.7	3535.0	3395.6	3313.3	3218.2	3205.6	3180.2
7.5°	4136.8	3946.8	3630.0	3351.3	3078.9	2819.1	2692.4	2534.0	2426.3	2344.0	2306.0
10°	3858.1	3680.7	3287.9	2907.8	2667.1	2496.0	2344.0	2179.3	2046.2	1944.9	1906.9
12.5°	3674.4	3465.3	3040.9	2679.8	2502.4	2306.0	2134.9	1957.5	1786.5	1653.5	1583.8
15°	3592.0	3395.6	2964.8	2565.7	2306.0	2033.6	1837.2	1659.8	1450.7	1355.7	1324.0
17.5°	3788.4	3497.0	2939.5	2432.7	2065.2	1754.8	1514.1	1324.0	1172.0	1077.0	1039.0
20°	4041.8	3680.7	2983.8	2274.3	1837.2	1488.8	1222.7	1020.0	918.6	848.9	842.6
22.5°	4364.9	3953.1	3053.5	2160.3	1583.8	1197.3	956.6	836.2	766.5	760.2	747.5
25°	4941.4	4447.2	3167.6	2008.2	1381.1	988.3	817.2	747.5	715.9	696.9	709.5
27.5°	5435.5	4770.3	3249.9	1913.2	1298.7	931.3	791.9	715.9	684.2	677.9	684.2
30°	5726.9	5068.1	3224.6	1735.8	1134.0	886.9	842.6	817.2	753.9	703.2	703.2
32.5°	5993.0	5258.1	3218.2	1577.4	969.3	741.2	703.2	684.2	722.2	747.5	728.5
35°	6360.4	5555.9	3199.2	1488.8	899.6	684.2	620.8	570.2	544.8	532.1	551.2
37.5°	6753.2	5758.6	3148.5	1476.1	861.6	652.5	601.8	551.2	525.8	513.1	506.8
40°	7184.0	5974.0	3091.5	1412.7	842.6	633.5	582.8	538.5	506.8	487.8	481.5
42.5°	7462.8	6145.1	3034.5	1381.1	804.6	620.8	563.8	525.8	494.1	468.8	468.8
45°	7621.1	6347.8	2977.5	1349.4	760.2	627.2	563.8	513.1	475.1	462.5	449.8
47.5°	7690.8	6499.8	2958.5	1298.7	722.2	601.8	551.2	500.5	462.5	437.1	430.8
50°	7874.5	6822.9	3028.2	1260.7	677.9	576.5	582.8	494.1	456.1	424.5	418.1
52.5°	7982.2	7082.6	3180.2	1203.7	646.2	544.8	570.2	481.5	437.1	405.4	405.4
55°	8375.0	7513.4	3344.9	1159.3	608.2	500.5	525.8	456.1	405.4	386.4	386.4
57.5°	8875.5	7969.6	3484.3	1140.3	582.8	468.8	468.8	443.5	386.4	361.1	354.8
60°	9223.9	8343.3	3566.7	1127.6	557.5	437.1	418.1	443.5	367.4	342.1	335.8
62.5°	9261.9	8127.9	3484.3	1121.3	551.2	405.4	380.1	424.5	348.4	323.1	310.4
65°	9021.2	7690.8	3256.2	1096.0	544.8	373.8	354.8	367.4	323.1	304.1	291.4
67.5°	8539.7	6981.3	2926.8	1083.3	538.5	348.4	323.1	316.8	297.8	278.7	266.1
70°	7418.4	6056.4	2540.4	1026.3	525.8	329.4	291.4	285.1	266.1	253.4	247.1
72.5°	6227.4	4954.1	2096.9	950.3	500.5	297.8	266.1	253.4	247.1	228.1	221.7
75°	4770.3	3813.7	1678.8	842.6	437.1	266.1	234.4	221.7	215.4	202.7	196.4
77.5°	3351.3	2838.1	1241.7	684.2	367.4	240.7	209.1	196.4	190.1	171.0	171.0
80°	2274.3	1989.2	842.6	475.1	285.1	196.4	183.7	171.0	158.4	145.7	145.7
82.5°	1412.7	1393.7	608.2	310.4	209.1	158.4	145.7	145.7	126.7	114.0	114.0
85°	646.2	855.2	424.5	215.4	158.4	120.4	120.4	114.0	101.4	82.4	82.4
87.5°	202.7	285.1	221.7	95.0	88.7	69.7	69.7	63.4	63.4	50.7	50.7
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°	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3
2.5°	3997.5	3991.1	3991.1	3965.8	4029.1	4029.1	4067.1	4035.5	4054.5	4060.8	4111.5
5°	3173.9	3224.6	3262.6	3338.6	3382.9	3402.0	3402.0	3452.6	3433.6	3471.6	3547.7
7.5°	2325.0	2388.3	2502.4	2597.4	2673.4	2698.8	2692.4	2705.1	2724.1	2679.8	2692.4
10°	1881.5	1837.2	1875.2	1963.9	2033.6	2115.9	2052.6	2046.2	2065.2	2046.2	2084.3
12.5°	1571.1	1520.4	1488.8	1488.8	1539.4	1577.4	1558.4	1590.1	1659.8	1678.8	1723.1
15°	1273.4	1229.0	1203.7	1172.0	1222.7	1235.3	1254.4	1298.7	1349.4	1374.7	1425.4
17.5°	1020.0	1020.0	1020.0	994.6	1013.6	1032.6	1039.0	1096.0	1102.3	1127.6	1146.7
20°	836.2	855.2	886.9	899.6	918.6	918.6	905.9	937.6	912.3	931.3	943.9
22.5°	753.9	779.2	791.9	798.2	823.6	829.9	798.2	804.6	810.9	791.9	798.2
25°	709.5	722.2	709.5	715.9	722.2	709.5	715.9	728.5	722.2	734.9	728.5
27.5°	690.5	677.9	671.5	665.2	665.2	652.5	658.9	658.9	671.5	677.9	677.9
30°	690.5	671.5	646.2	627.2	627.2	608.2	620.8	633.5	639.8	652.5	652.5
32.5°	709.5	671.5	627.2	608.2	589.2	576.5	589.2	608.2	633.5	639.8	646.2
35°	563.8	582.8	576.5	551.2	544.8	544.8	538.5	538.5	519.5	519.5	513.1
37.5°	506.8	500.5	513.1	519.5	525.8	506.8	506.8	481.5	475.1	481.5	481.5
40°	475.1	475.1	475.1	494.1	500.5	487.8	468.8	456.1	456.1	456.1	462.5
42.5°	462.5	449.8	443.5	456.1	475.1	462.5	443.5	437.1	437.1	443.5	443.5
45°	443.5	437.1	430.8	424.5	449.8	430.8	424.5	418.1	418.1	418.1	424.5
47.5°	424.5	418.1	405.4	405.4	411.8	405.4	399.1	399.1	399.1	411.8	411.8
50°	411.8	405.4	392.8	392.8	392.8	392.8	386.4	386.4	386.4	392.8	399.1
52.5°	392.8	386.4	380.1	373.8	373.8	373.8	373.8	373.8	373.8	380.1	386.4
55°	373.8	367.4	361.1	361.1	367.4	367.4	361.1	367.4	361.1	367.4	373.8
57.5°	354.8	348.4	342.1	348.4	354.8	348.4	348.4	348.4	348.4	348.4	354.8
60°	329.4	329.4	329.4	329.4	342.1	342.1	342.1	342.1	329.4	335.8	342.1
62.5°	316.8	310.4	310.4	316.8	323.1	323.1	329.4	323.1	316.8	323.1	323.1
65°	291.4	291.4	291.4	297.8	297.8	304.1	304.1	304.1	297.8	304.1	304.1
67.5°	272.4	272.4	272.4	272.4	285.1	285.1	285.1	285.1	278.7	278.7	285.1
70°	240.7	247.1	240.7	253.4	266.1	259.7	266.1	266.1	259.7	253.4	266.1
72.5°	221.7	221.7	221.7	221.7	240.7	240.7	240.7	247.1	240.7	234.4	240.7
75°	196.4	196.4	196.4	202.7	215.4	215.4	215.4	215.4	215.4	209.1	209.1
77.5°	171.0	177.4	171.0	177.4	190.1	183.7	190.1	196.4	190.1	183.7	183.7
80°	145.7	145.7	145.7	152.0	158.4	158.4	158.4	164.7	158.4	152.0	152.0
82.5°	114.0	114.0	120.4	120.4	126.7	126.7	126.7	133.0	126.7	120.4	120.4
85°	88.7	88.7	88.7	95.0	95.0	101.4	101.4	107.7	107.7	101.4	101.4
87.5°	57.0	50.7	57.0	57.0	63.4	63.4	57.0	50.7	57.0	50.7	44.3
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: P599067  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3	4561.3
2.5°	4162.2	4276.2	4358.6	4415.6	4497.9	4656.3	4719.7	4833.7	4865.4	4884.4
5°	3579.3	3699.7	3877.1	4003.8	4149.5	4447.2	4675.3	4846.4	4922.4	4992.1
7.5°	2806.5	2964.8	3148.5	3313.3	3554.0	3921.4	4219.2	4573.9	4707.0	4776.7
10°	2191.9	2337.7	2540.4	2743.1	3078.9	3389.3	3813.7	4136.8	4320.5	4371.2
12.5°	1849.9	2020.9	2261.6	2508.7	2717.8	3072.5	3503.3	3972.1	4143.2	4174.8
15°	1571.1	1805.5	2052.6	2306.0	2546.7	2857.1	3319.6	3889.8	4143.2	4174.8
17.5°	1298.7	1507.8	1799.2	2071.6	2350.3	2774.8	3351.3	3959.4	4212.8	4307.9
20°	1032.6	1235.3	1463.4	1805.5	2185.6	2635.4	3421.0	4193.8	4529.6	4631.0
22.5°	855.2	943.9	1165.7	1495.1	1944.9	2540.4	3490.6	4561.3	4916.0	4954.1
25°	747.5	810.9	950.3	1260.7	1754.8	2477.0	3655.4	4985.7	5441.9	5441.9
27.5°	696.9	722.2	817.2	1096.0	1621.8	2420.0	3820.1	5454.5	5879.0	5967.7
30°	684.2	747.5	798.2	975.6	1476.1	2261.6	3972.1	5822.0	6259.1	6265.4
32.5°	671.5	658.9	696.9	848.9	1298.7	2096.9	4098.8	6195.7	6537.8	6556.8
35°	525.8	551.2	614.5	747.5	1165.7	1976.6	4162.2	6398.5	6892.6	6911.6
37.5°	494.1	525.8	576.5	690.5	1077.0	1875.2	4181.2	6791.2	7266.4	7304.4
40°	481.5	506.8	544.8	639.8	1007.3	1748.5	4219.2	7196.7	7817.5	7766.8
42.5°	456.1	487.8	525.8	614.5	950.3	1653.5	4225.5	7418.4	8108.9	8108.9
45°	449.8	468.8	513.1	614.5	886.9	1571.1	4124.2	7640.1	8444.7	8343.3
47.5°	424.5	462.5	500.5	595.5	810.9	1488.8	4003.8	7754.2	8489.0	8457.4
50°	418.1	456.1	519.5	563.8	766.5	1450.7	3978.4	8039.3	8577.7	8571.4
52.5°	405.4	443.5	538.5	538.5	709.5	1400.1	4098.8	8166.0	8596.7	8647.4
55°	386.4	443.5	500.5	494.1	658.9	1336.7	4231.9	8495.4	8932.5	8919.8
57.5°	373.8	430.8	475.1	449.8	601.8	1292.4	4428.2	8812.1	9337.9	9249.3
60°	354.8	430.8	424.5	418.1	557.5	1254.4	4593.0	8875.5	9426.6	9483.7
62.5°	342.1	449.8	373.8	386.4	519.5	1235.3	4523.3	8400.4	9306.3	9357.0
65°	329.4	386.4	342.1	354.8	506.8	1197.3	4250.9	7830.2	8786.8	9008.5
67.5°	304.1	316.8	316.8	329.4	494.1	1108.6	3693.4	6803.9	7994.9	8115.3
70°	278.7	285.1	285.1	304.1	481.5	1007.3	3047.2	5885.3	6936.9	7165.0
72.5°	253.4	253.4	253.4	278.7	443.5	924.9	2508.7	4523.3	5764.9	5923.3
75°	221.7	221.7	221.7	247.1	399.1	842.6	1976.6	3363.9	4244.5	4472.6
77.5°	196.4	196.4	190.1	221.7	348.4	684.2	1425.4	2375.7	2990.2	3180.2
80°	164.7	158.4	158.4	177.4	272.4	494.1	918.6	1678.8	2084.3	2166.6
82.5°	133.0	126.7	120.4	133.0	196.4	310.4	570.2	1172.0	1336.7	1286.0
85°	126.7	133.0	107.7	101.4	139.4	202.7	361.1	722.2	601.8	601.8
87.5°	50.7	44.3	44.3	38.0	69.7	76.0	158.4	133.0	101.4	101.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)