

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: P598806

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

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598806  
 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-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

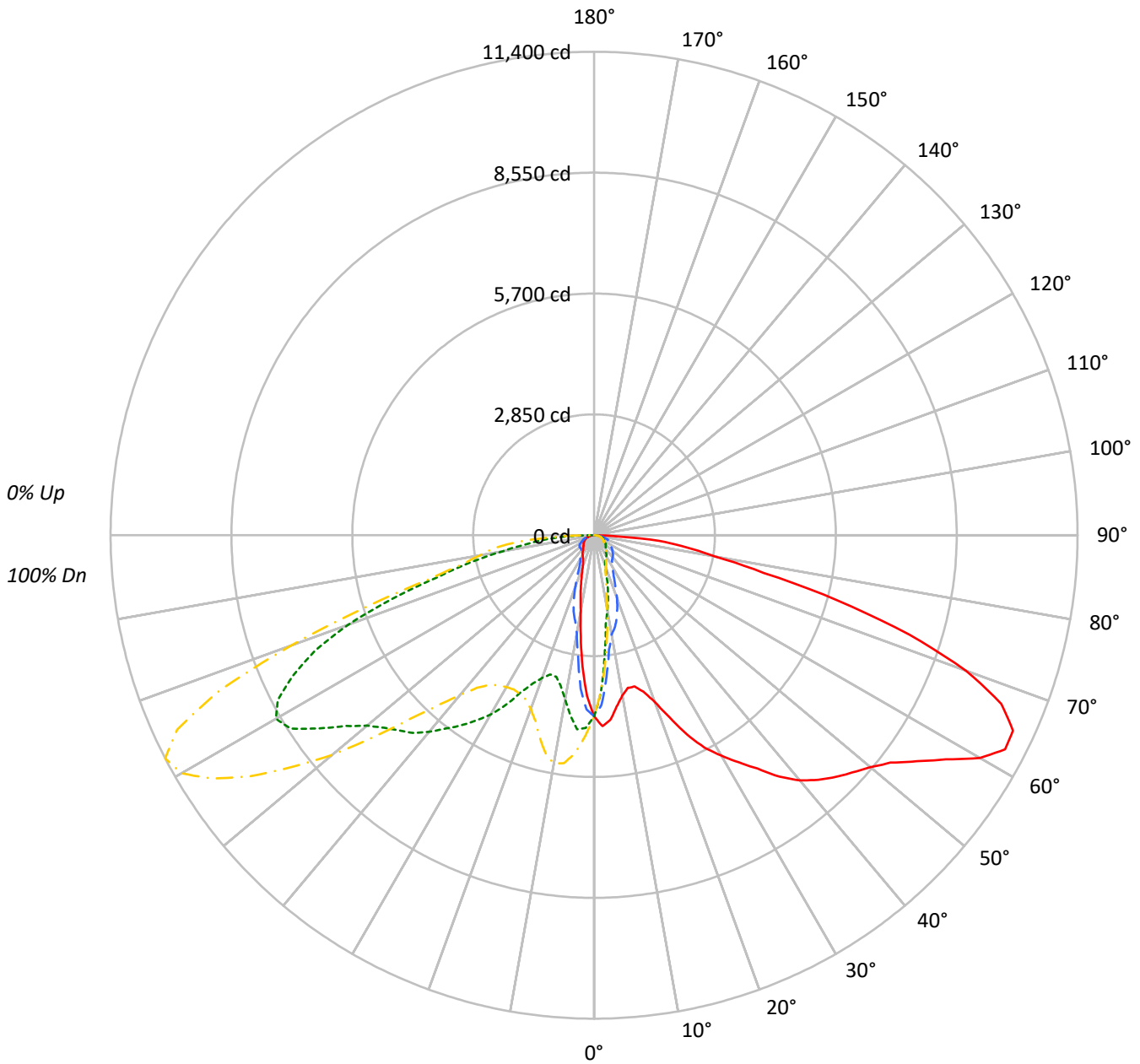
Lumens per Lamp: N/A  
 Luminaire Lumens: 14280.6 lumens  
 Efficiency: N/A  
 Efficacy: 86.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

TEST NUMBER: P598806  
CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°

TEST NUMBER: P598806

CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**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	100	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	45918	45918	45918	45918
5°	47255	30728	33569	49644
10°	41924	19525	19721	42903
15°	41146	13848	13116	38482
20°	47838	8761	8828	40994
25°	61521	7521	7309	48465
30°	74556	7129	6683	60670
35°	88244	6281	6045	71913
40°	106030	5961	5540	84958
45°	122690	5912	5366	99044
50°	142471	6003	5402	116957
55°	174348	6167	5495	149010
60°	226115	6174	5789	186371
65°	277560	6240	5934	199496
70°	293702	6581	6206	194236
75°	247232	6958	6213	158527
80°	179619	8145	6298	137028
85°	190378	11807	5162	142410

TEST NUMBER: P598806  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	330.1	2.3
10°-20°	690.9	4.8
20°-30°	995.7	7.0
30°-40°	1433.4	10.0
40°-50°	2036.1	14.3
50°-60°	2927.3	20.5
60°-70°	3382.0	23.7
70°-80°	1915.0	13.4
80°-90°	569.9	4.0
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°	2016.8	14.1
0°-40°	3450.2	24.2
0°-60°	8413.7	58.9
0°-90°	14280.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14280.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4266	4266	4266	4266	4266	
5°	4373	2844	3107	4594	4373	397
15°	3692	1243	1177	3453	3692	1086
25°	5180	633	615	4081	5180	2404
35°	6716	478	460	5473	6716	4262
45°	8060	388	352	6506	8060	6241
55°	9290	329	293	7940	9290	8414
65°	10898	245	233	7833	10898	10450
75°	5945	167	149	3812	5945	6308
85°	1542	96	42	1153	1542	1535
90°	0	0	0	0	0	

TEST NUMBER: P598806  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9
2.5°	4504.9	4498.9	4463.0	4349.5	4230.0	4116.5	4009.0	3895.4	3835.7	3764.0	3734.1
5°	4373.4	4361.5	4259.9	4009.0	3787.9	3548.9	3345.8	3184.5	3053.0	2921.6	2873.8
7.5°	4074.7	4056.8	3937.3	3590.7	3268.1	2957.4	2712.5	2503.4	2330.1	2252.4	2162.8
10°	3835.7	3805.8	3650.5	3268.1	2849.9	2539.2	2377.9	2234.5	2085.1	1959.7	1828.2
12.5°	3686.3	3650.5	3489.2	3041.1	2634.8	2401.8	2234.5	2073.2	1888.0	1732.6	1589.2
15°	3692.3	3650.5	3453.3	2981.3	2581.0	2282.3	2049.3	1828.2	1613.1	1439.9	1278.6
17.5°	3865.6	3811.8	3602.7	3065.0	2539.2	2127.0	1816.3	1529.5	1284.5	1099.3	967.9
20°	4176.3	4140.4	3901.4	3190.4	2497.4	1959.7	1577.3	1230.8	973.9	830.5	776.7
22.5°	4642.3	4600.5	4343.5	3381.6	2485.4	1810.3	1320.4	967.9	782.7	722.9	693.1
25°	5180.0	5102.3	4863.3	3704.3	2509.3	1672.9	1111.3	800.6	699.0	657.2	639.3
27.5°	5646.0	5598.2	5329.4	4009.0	2521.3	1565.3	967.9	728.9	651.2	615.4	603.4
30°	5998.5	5980.6	5717.7	4343.5	2491.4	1433.9	878.3	699.0	651.2	615.4	579.5
32.5°	6351.0	6357.0	6076.2	4600.5	2449.6	1320.4	794.6	621.4	573.6	549.7	555.6
35°	6715.5	6745.3	6506.4	4851.4	2360.0	1278.6	734.9	579.5	537.7	501.9	483.9
37.5°	7175.5	7253.2	7020.2	5132.2	2270.4	1242.7	705.0	549.7	507.8	478.0	454.1
40°	7545.9	7689.3	7551.9	5395.1	2210.6	1200.9	681.1	519.8	489.9	454.1	436.1
42.5°	7820.8	7988.1	7940.3	5598.2	2210.6	1159.1	657.2	501.9	478.0	436.1	412.2
45°	8059.8	8233.0	8227.0	5807.3	2258.4	1135.2	627.3	501.9	466.0	424.2	400.3
47.5°	8274.8	8448.1	8507.9	6070.2	2336.1	1123.2	591.5	489.9	466.0	418.2	382.4
50°	8507.9	8699.0	8878.3	6488.4	2431.7	1093.4	567.6	472.0	472.0	412.2	370.4
52.5°	8806.6	9021.7	9350.3	7008.2	2527.3	1039.6	531.7	460.0	472.0	406.3	358.5
55°	9290.5	9469.8	9899.9	7629.6	2646.8	973.9	501.9	430.2	448.1	388.4	340.6
57.5°	9834.2	9989.6	10348.0	8107.6	2682.6	890.2	460.0	400.3	430.2	370.4	316.7
60°	10503.4	10581.0	10581.0	8245.0	2563.1	812.5	430.2	376.4	388.4	352.5	298.7
62.5°	10927.6	10927.6	10581.0	7994.0	2336.1	746.8	406.3	352.5	340.6	328.6	280.8
65°	10897.7	10849.9	10336.1	7265.1	2073.2	705.0	382.4	322.6	304.7	298.7	262.9
67.5°	10395.8	10312.2	9613.2	6237.5	1798.4	687.1	358.5	292.8	280.8	268.9	239.0
70°	9332.3	9117.3	8256.9	5018.7	1529.5	675.1	352.5	268.9	256.9	245.0	221.1
72.5°	7790.9	7516.1	6446.6	3859.6	1284.5	633.3	334.6	239.0	233.0	221.1	197.2
75°	5944.7	5436.9	4498.9	2951.5	997.8	549.7	286.8	209.1	209.1	203.1	179.2
77.5°	4098.6	3835.7	3136.7	2180.7	728.9	424.2	233.0	185.2	185.2	191.2	167.3
80°	2897.7	2652.7	2234.5	1565.3	460.0	286.8	179.2	155.3	173.3	185.2	155.3
82.5°	2216.6	2037.3	1660.9	1141.2	268.9	197.2	137.4	125.5	149.4	161.3	131.4
85°	1541.5	1326.4	842.4	764.8	155.3	119.5	101.6	101.6	131.4	161.3	119.5
87.5°	436.1	185.2	53.8	227.0	65.7	47.8	35.8	23.9	35.8	35.8	23.9
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: P598806  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9
2.5°	3704.3	3668.4	3668.4	3656.5	3662.4	3668.4	3662.4	3704.3	3722.2	3746.1	3793.9
5°	2843.9	2891.7	2855.9	2891.7	2939.5	3011.2	3029.1	3082.9	3088.9	3130.7	3106.8
7.5°	2109.0	2103.1	2073.2	2115.0	2246.5	2348.0	2395.8	2425.7	2431.7	2431.7	2401.8
10°	1786.4	1732.6	1678.9	1649.0	1660.9	1768.5	1804.3	1822.3	1810.3	1828.2	1804.3
12.5°	1529.5	1481.7	1404.0	1350.3	1314.4	1344.3	1380.1	1398.1	1410.0	1439.9	1463.8
15°	1242.7	1194.9	1147.1	1117.3	1087.4	1063.5	1093.4	1111.3	1141.2	1165.1	1177.0
17.5°	944.0	920.1	896.2	914.1	914.1	902.2	914.1	920.1	932.0	950.0	944.0
20°	764.8	758.8	752.8	782.7	806.6	806.6	818.5	800.6	794.6	776.7	770.7
22.5°	681.1	681.1	687.1	711.0	734.9	746.8	746.8	717.0	687.1	675.1	681.1
25°	633.3	633.3	651.2	657.2	669.2	669.2	675.1	645.3	627.3	609.4	615.4
27.5°	597.5	597.5	603.4	603.4	609.4	609.4	615.4	603.4	579.5	573.6	573.6
30°	573.6	573.6	567.6	567.6	567.6	567.6	573.6	555.6	543.7	537.7	537.7
32.5°	549.7	543.7	537.7	537.7	531.7	531.7	537.7	519.8	513.8	513.8	513.8
35°	478.0	472.0	478.0	489.9	489.9	495.9	495.9	489.9	478.0	466.0	460.0
37.5°	448.1	442.1	442.1	442.1	454.1	460.0	466.0	454.1	436.1	418.2	418.2
40°	424.2	424.2	418.2	418.2	418.2	430.2	442.1	424.2	400.3	394.3	394.3
42.5°	406.3	400.3	394.3	388.4	382.4	400.3	412.2	388.4	376.4	376.4	376.4
45°	388.4	382.4	376.4	370.4	364.5	370.4	382.4	358.5	352.5	352.5	352.5
47.5°	370.4	364.5	352.5	346.5	340.6	340.6	352.5	334.6	328.6	334.6	334.6
50°	358.5	346.5	334.6	328.6	322.6	322.6	322.6	316.7	316.7	316.7	322.6
52.5°	346.5	334.6	316.7	310.7	304.7	304.7	304.7	304.7	298.7	304.7	310.7
55°	328.6	316.7	304.7	298.7	292.8	286.8	292.8	286.8	286.8	292.8	292.8
57.5°	304.7	292.8	280.8	280.8	274.8	274.8	280.8	274.8	274.8	280.8	280.8
60°	286.8	274.8	262.9	262.9	256.9	262.9	268.9	262.9	262.9	262.9	268.9
62.5°	262.9	256.9	245.0	245.0	245.0	245.0	250.9	245.0	250.9	250.9	250.9
65°	245.0	233.0	227.0	227.0	227.0	227.0	239.0	227.0	233.0	233.0	233.0
67.5°	227.0	215.1	209.1	209.1	209.1	209.1	221.1	209.1	215.1	221.1	215.1
70°	209.1	197.2	191.2	191.2	191.2	191.2	197.2	191.2	191.2	197.2	197.2
72.5°	185.2	179.2	173.3	173.3	167.3	173.3	179.2	173.3	173.3	173.3	173.3
75°	167.3	161.3	161.3	155.3	155.3	155.3	161.3	149.4	149.4	149.4	149.4
77.5°	155.3	143.4	143.4	143.4	137.4	143.4	137.4	125.5	125.5	125.5	125.5
80°	131.4	119.5	125.5	125.5	119.5	119.5	113.5	101.6	101.6	101.6	101.6
82.5°	107.5	95.6	101.6	101.6	101.6	101.6	89.6	83.6	77.7	71.7	71.7
85°	95.6	77.7	89.6	89.6	83.6	83.6	59.7	59.7	47.8	47.8	41.8
87.5°	17.9	11.9	23.9	29.9	29.9	35.8	23.9	29.9	17.9	11.9	11.9
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: P598806  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9
2.5°	3787.9	3853.6	3943.2	4009.0	4110.5	4188.2	4307.7	4409.3	4504.9	4546.7	4588.5
5°	3178.5	3220.3	3357.7	3465.3	3626.6	3799.9	4014.9	4248.0	4486.9	4594.5	4719.9
7.5°	2377.9	2455.6	2533.2	2688.6	2885.7	3166.5	3441.4	3787.9	4122.5	4283.8	4498.9
10°	1846.2	1905.9	1995.5	2156.8	2342.0	2575.1	2903.7	3315.9	3716.2	3925.3	4146.4
12.5°	1481.7	1565.3	1684.8	1852.1	2067.2	2306.2	2545.2	2927.6	3393.6	3632.6	3883.5
15°	1200.9	1266.6	1398.1	1607.2	1858.1	2103.1	2354.0	2670.7	3178.5	3453.3	3752.1
17.5°	955.9	1003.7	1123.2	1332.3	1583.3	1858.1	2144.9	2545.2	3106.8	3441.4	3793.9
20°	776.7	812.5	890.2	1045.6	1284.5	1583.3	1941.8	2425.7	3148.6	3578.8	4009.0
22.5°	681.1	693.1	728.9	812.5	1009.7	1326.4	1756.5	2324.1	3226.3	3781.9	4361.5
25°	615.4	627.3	639.3	693.1	806.6	1105.3	1595.2	2264.4	3393.6	4080.7	4767.7
27.5°	573.6	585.5	591.5	615.4	693.1	944.0	1457.8	2228.5	3620.6	4516.8	5269.6
30°	537.7	537.7	555.6	591.5	645.3	830.5	1338.3	2144.9	3859.6	4881.3	5663.9
32.5°	507.8	513.8	537.7	555.6	591.5	734.9	1218.8	2037.3	4074.7	5180.0	6052.3
35°	454.1	454.1	460.0	489.9	537.7	657.2	1111.3	1929.8	4194.2	5472.7	6398.8
37.5°	418.2	424.2	436.1	460.0	501.9	603.4	1021.7	1810.3	4319.6	5747.6	6805.1
40°	394.3	400.3	412.2	436.1	478.0	555.6	944.0	1714.7	4451.1	6046.3	7241.2
42.5°	376.4	382.4	394.3	418.2	454.1	543.7	860.3	1637.0	4528.8	6321.1	7653.5
45°	358.5	364.5	382.4	406.3	436.1	531.7	812.5	1583.3	4558.6	6506.4	7982.1
47.5°	340.6	346.5	364.5	400.3	436.1	513.8	794.6	1553.4	4582.5	6715.5	8245.0
50°	322.6	334.6	358.5	394.3	442.1	489.9	782.7	1547.4	4719.9	6984.3	8495.9
52.5°	310.7	328.6	352.5	394.3	436.1	454.1	776.7	1565.3	4994.8	7384.6	8854.4
55°	298.7	316.7	340.6	394.3	418.2	424.2	746.8	1595.2	5413.0	7940.3	9362.2
57.5°	286.8	298.7	328.6	382.4	394.3	400.3	687.1	1637.0	5831.2	8484.0	9882.0
60°	268.9	280.8	310.7	382.4	358.5	376.4	609.4	1649.0	6130.0	8657.2	9929.8
62.5°	250.9	262.9	292.8	394.3	328.6	352.5	543.7	1607.2	6189.7	8406.3	9661.0
65°	233.0	245.0	268.9	328.6	304.7	328.6	501.9	1493.7	5992.5	7832.7	9171.0
67.5°	215.1	227.0	245.0	268.9	274.8	298.7	483.9	1314.4	5496.6	7121.7	8501.9
70°	191.2	203.1	221.1	239.0	245.0	280.8	454.1	1141.2	4696.0	6171.8	7683.4
72.5°	173.3	179.2	197.2	209.1	221.1	256.9	436.1	997.8	3590.7	4994.8	6267.4
75°	149.4	149.4	167.3	179.2	191.2	227.0	400.3	830.5	2533.2	3811.8	4606.4
77.5°	125.5	125.5	137.4	149.4	161.3	197.2	340.6	675.1	1756.5	3023.2	3339.8
80°	95.6	95.6	107.5	119.5	131.4	167.3	274.8	495.9	1087.4	2210.6	2431.7
82.5°	65.7	65.7	83.6	89.6	95.6	131.4	209.1	340.6	639.3	1595.2	1738.6
85°	35.8	35.8	47.8	53.8	65.7	95.6	155.3	239.0	382.4	1153.1	1159.1
87.5°	6.0	6.0	17.9	17.9	29.9	47.8	89.6	131.4	215.1	639.3	406.3
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: P598806  
 CATALOG NUMBER: IFLD-M-SA4B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9	4265.9
2.5°	4666.2	4731.9	4737.9	4737.9	4708.0	4714.0	4630.3	4540.7	4510.8	4504.9
5°	4911.1	5084.4	5132.2	5156.1	5078.4	4958.9	4743.8	4510.8	4391.3	4373.4
7.5°	4863.3	5209.9	5395.1	5419.0	5263.6	4982.8	4606.4	4248.0	4110.5	4074.7
10°	4582.5	5048.6	5383.1	5466.8	5299.5	4941.0	4451.1	4032.9	3865.6	3835.7
12.5°	4385.4	4833.5	5162.1	5275.6	5197.9	4887.2	4373.4	3895.4	3728.2	3686.3
15°	4277.8	4690.1	4905.2	4941.0	4935.0	4803.6	4373.4	3925.3	3740.1	3692.3
17.5°	4367.4	4648.3	4678.1	4594.5	4642.3	4708.0	4469.0	4086.6	3907.4	3865.6
20°	4546.7	4630.3	4486.9	4361.5	4385.4	4594.5	4618.4	4391.3	4248.0	4176.3
22.5°	4923.1	4696.0	4367.4	4194.2	4212.1	4504.9	4815.5	4803.6	4678.1	4642.3
25°	5305.5	4881.3	4331.6	4128.5	4152.4	4486.9	5048.6	5263.6	5197.9	5180.0
27.5°	5729.7	5191.9	4355.5	4098.6	4128.5	4510.8	5209.9	5652.0	5663.9	5646.0
30°	6016.4	5341.3	4427.2	4134.4	4176.3	4570.6	5245.7	5885.0	5992.5	5998.5
32.5°	6255.4	5490.7	4576.6	4194.2	4265.9	4678.1	5341.3	6106.1	6345.0	6351.0
35°	6446.6	5658.0	4761.8	4301.7	4409.3	4857.4	5466.8	6315.2	6673.6	6715.5
37.5°	6691.6	5843.2	4976.9	4534.7	4654.2	5114.3	5687.8	6560.1	7062.0	7175.5
40°	6954.5	6028.4	5287.5	4911.1	5084.4	5496.6	5938.8	6835.0	7390.6	7545.9
42.5°	7247.2	6225.5	5640.0	5419.0	5681.9	5980.6	6225.5	7085.9	7641.5	7820.8
45°	7534.0	6464.5	6153.9	6112.0	6404.8	6554.2	6506.4	7265.1	7880.5	8059.8
47.5°	7737.1	6811.1	6775.2	7026.1	7301.0	7223.3	6835.0	7396.6	8077.7	8274.8
50°	7922.3	7241.2	7557.9	8047.8	8215.1	7952.2	7187.5	7575.8	8286.8	8507.9
52.5°	8197.2	7701.3	8364.5	8973.9	9135.2	8717.0	7569.8	7868.6	8609.4	8806.6
55°	8758.8	8221.1	9206.9	9905.9	9935.8	9416.0	8083.7	8364.5	9063.5	9290.5
57.5°	9386.1	8860.4	9876.0	10676.6	10664.7	10115.0	8663.2	9033.6	9678.9	9834.2
60°	9953.7	9505.6	10604.9	11226.3	11196.4	10622.9	9338.3	9792.4	10383.9	10503.4
62.5°	10288.3	10091.1	10927.6	11399.6	11286.0	10790.2	9911.9	10467.5	10885.8	10927.6
65°	10234.5	10425.7	10551.2	10843.9	10682.6	10324.1	10192.7	10897.7	10939.5	10897.7
67.5°	9828.2	10234.5	9517.6	9547.4	9463.8	9159.1	9756.5	10784.2	10497.4	10395.8
70°	9212.9	9242.7	7958.2	7581.8	7713.2	7295.0	8370.4	9899.9	9457.8	9332.3
72.5°	8191.2	7820.8	6016.4	5634.1	5831.2	5532.5	6715.5	8627.3	8197.2	7790.9
75°	6870.8	6195.7	4582.5	4038.8	4140.4	4128.5	5203.9	7127.7	6351.0	5944.7
77.5°	5323.4	4827.5	3381.6	3172.5	3065.0	3088.9	3632.6	5299.5	4606.4	4098.6
80°	3889.5	3375.7	2616.9	2736.4	2676.6	2533.2	2545.2	3548.9	3202.4	2897.7
82.5°	2688.6	2401.8	2121.0	2395.8	2252.4	2031.4	1983.6	2557.1	2401.8	2216.6
85°	1804.3	1977.6	1684.8	1834.2	1589.2	1463.8	1864.1	2138.9	1726.7	1541.5
87.5°	1177.0	1810.3	1212.8	920.1	525.8	705.0	1141.2	1404.0	806.6	436.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)