

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: P598796

Luminaire Tested: **IFLD-S-SA3B-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: P598796  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3B-827-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

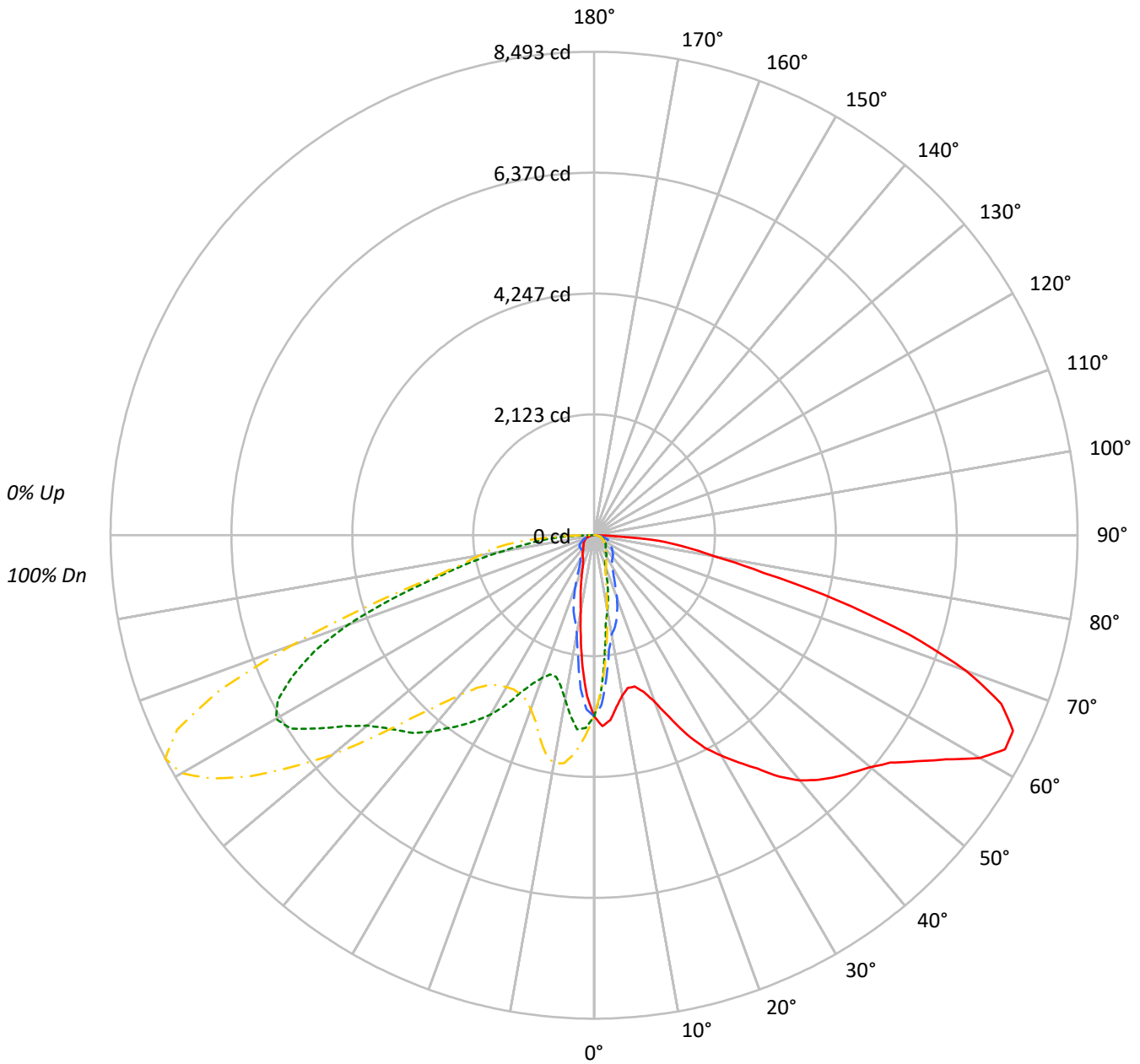
Lumens per Lamp: N/A  
 Luminaire Lumens: 10639.3 lumens  
 Efficiency: N/A  
 Efficacy: 86.9 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 122.4  
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	45613	45613	45613	45613
5°	46941	30525	33346	49314
10°	41646	19396	19591	42618
15°	40873	13757	13029	38227
20°	47520	8703	8770	40722
25°	61113	7471	7261	48143
30°	74061	7081	6639	60266
35°	87658	6239	6004	71436
40°	105327	5920	5504	84394
45°	121875	5872	5330	98386
50°	141523	5964	5368	116182
55°	173191	6125	5457	148021
60°	224613	6134	5749	185134
65°	275717	6198	5895	198170
70°	291754	6538	6164	192946
75°	245594	6909	6172	157477
80°	178423	8091	6257	136115
85°	189106	11724	5138	141468

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	246.0	2.3
10°-20°	514.8	4.8
20°-30°	741.8	7.0
30°-40°	1067.9	10.0
40°-50°	1516.9	14.3
50°-60°	2180.9	20.5
60°-70°	2519.7	23.7
70°-80°	1426.7	13.4
80°-90°	424.6	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°	1502.6	14.1
0°-40°	2570.5	24.2
0°-60°	6268.4	58.9
0°-90°	10639.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10639.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3178	3178	3178	3178	3178	
5°	3258	2119	2315	3423	3258	296
15°	2751	926	877	2573	2751	809
25°	3859	472	458	3040	3859	1791
35°	5003	356	343	4077	5003	3175
45°	6005	289	263	4847	6005	4650
55°	6922	245	218	5916	6922	6269
65°	8119	182	174	5836	8119	7786
75°	4429	125	111	2840	4429	4699
85°	1148	71	31	859	1148	1144
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°	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2
2.5°	3356.2	3351.8	3325.1	3240.5	3151.5	3066.9	2986.8	2902.2	2857.7	2804.3	2782.0
5°	3258.3	3249.4	3173.7	2986.8	2822.1	2644.0	2492.7	2372.5	2274.6	2176.6	2141.0
7.5°	3035.7	3022.4	2933.3	2675.2	2434.8	2203.4	2020.9	1865.1	1736.0	1678.1	1611.3
10°	2857.7	2835.4	2719.7	2434.8	2123.2	1891.8	1771.6	1664.8	1553.5	1460.0	1362.1
12.5°	2746.4	2719.7	2599.5	2265.7	1963.0	1789.4	1664.8	1544.6	1406.6	1290.9	1184.0
15°	2750.9	2719.7	2572.8	2221.2	1922.9	1700.4	1526.8	1362.1	1201.8	1072.7	952.6
17.5°	2879.9	2839.9	2684.1	2283.5	1891.8	1584.6	1353.2	1139.5	957.0	819.0	721.1
20°	3111.4	3084.7	2906.6	2376.9	1860.6	1460.0	1175.1	917.0	725.5	618.7	578.7
22.5°	3458.6	3427.4	3236.0	2519.4	1851.7	1348.7	983.7	721.1	583.1	538.6	516.3
25°	3859.2	3801.3	3623.3	2759.8	1869.5	1246.3	827.9	596.5	520.8	489.6	476.3
27.5°	4206.4	4170.8	3970.5	2986.8	1878.4	1166.2	721.1	543.0	485.2	458.5	449.6
30°	4469.0	4455.7	4259.8	3236.0	1856.2	1068.3	654.3	520.8	485.2	458.5	431.8
32.5°	4731.6	4736.1	4526.9	3427.4	1825.0	983.7	592.0	462.9	427.3	409.5	414.0
35°	5003.2	5025.4	4847.4	3614.4	1758.2	952.6	547.5	431.8	400.6	373.9	360.5
37.5°	5345.9	5403.8	5230.2	3823.6	1691.5	925.9	525.2	409.5	378.4	356.1	338.3
40°	5621.9	5728.7	5626.3	4019.4	1646.9	894.7	507.4	387.3	365.0	338.3	324.9
42.5°	5826.6	5951.3	5915.7	4170.8	1646.9	863.5	489.6	373.9	356.1	324.9	307.1
45°	6004.7	6133.8	6129.3	4326.6	1682.6	845.7	467.4	373.9	347.2	316.0	298.2
47.5°	6164.9	6294.0	6338.5	4522.4	1740.4	836.8	440.7	365.0	347.2	311.6	284.9
50°	6338.5	6481.0	6614.5	4834.0	1811.6	814.6	422.9	351.6	351.6	307.1	276.0
52.5°	6561.1	6721.3	6966.1	5221.3	1882.9	774.5	396.2	342.7	351.6	302.7	267.1
55°	6921.6	7055.2	7375.7	5684.2	1971.9	725.5	373.9	320.5	333.8	289.3	253.7
57.5°	7326.7	7442.4	7709.5	6040.3	1998.6	663.2	342.7	298.2	320.5	276.0	235.9
60°	7825.2	7883.1	7883.1	6142.7	1909.6	605.4	320.5	280.4	289.3	262.6	222.6
62.5°	8141.3	8141.3	7883.1	5955.7	1740.4	556.4	302.7	262.6	253.7	244.8	209.2
65°	8119.0	8083.4	7700.6	5412.7	1544.6	525.2	284.9	240.4	227.0	222.6	195.9
67.5°	7745.1	7682.8	7162.0	4647.1	1339.8	511.9	267.1	218.1	209.2	200.3	178.0
70°	6952.8	6792.6	6151.6	3739.0	1139.5	503.0	262.6	200.3	191.4	182.5	164.7
72.5°	5804.4	5599.6	4802.9	2875.5	957.0	471.8	249.3	178.0	173.6	164.7	146.9
75°	4429.0	4050.6	3351.8	2198.9	743.4	409.5	213.7	155.8	155.8	151.3	133.5
77.5°	3053.5	2857.7	2336.9	1624.7	543.0	316.0	173.6	138.0	138.0	142.4	124.6
80°	2158.8	1976.3	1664.8	1166.2	342.7	213.7	133.5	115.7	129.1	138.0	115.7
82.5°	1651.4	1517.9	1237.4	850.2	200.3	146.9	102.4	93.5	111.3	120.2	97.9
85°	1148.4	988.2	627.6	569.8	115.7	89.0	75.7	75.7	97.9	120.2	89.0
87.5°	324.9	138.0	40.1	169.1	49.0	35.6	26.7	17.8	26.7	26.7	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2
2.5°	2759.8	2733.0	2733.0	2724.1	2728.6	2733.0	2728.6	2759.8	2773.1	2790.9	2826.5
5°	2118.8	2154.4	2127.7	2154.4	2190.0	2243.4	2256.8	2296.8	2301.3	2332.4	2314.6
7.5°	1571.3	1566.8	1544.6	1575.7	1673.7	1749.3	1784.9	1807.2	1811.6	1811.6	1789.4
10°	1330.9	1290.9	1250.8	1228.5	1237.4	1317.6	1344.3	1357.6	1348.7	1362.1	1344.3
12.5°	1139.5	1103.9	1046.0	1006.0	979.3	1001.5	1028.2	1041.6	1050.5	1072.7	1090.5
15°	925.9	890.2	854.6	832.4	810.1	792.3	814.6	827.9	850.2	868.0	876.9
17.5°	703.3	685.5	667.7	681.0	681.0	672.1	681.0	685.5	694.4	707.7	703.3
20°	569.8	565.3	560.9	583.1	600.9	600.9	609.8	596.5	592.0	578.7	574.2
22.5°	507.4	507.4	511.9	529.7	547.5	556.4	556.4	534.1	511.9	503.0	507.4
25°	471.8	471.8	485.2	489.6	498.5	498.5	503.0	480.7	467.4	454.0	458.5
27.5°	445.1	445.1	449.6	449.6	454.0	454.0	458.5	449.6	431.8	427.3	427.3
30°	427.3	427.3	422.9	422.9	422.9	422.9	427.3	414.0	405.1	400.6	400.6
32.5°	409.5	405.1	400.6	400.6	396.2	396.2	400.6	387.3	382.8	382.8	382.8
35°	356.1	351.6	356.1	365.0	365.0	369.5	369.5	365.0	356.1	347.2	342.7
37.5°	333.8	329.4	329.4	329.4	338.3	342.7	347.2	338.3	324.9	311.6	311.6
40°	316.0	316.0	311.6	311.6	311.6	320.5	329.4	316.0	298.2	293.8	293.8
42.5°	302.7	298.2	293.8	289.3	284.9	298.2	307.1	289.3	280.4	280.4	280.4
45°	289.3	284.9	280.4	276.0	271.5	276.0	284.9	267.1	262.6	262.6	262.6
47.5°	276.0	271.5	262.6	258.2	253.7	253.7	262.6	249.3	244.8	249.3	249.3
50°	267.1	258.2	249.3	244.8	240.4	240.4	240.4	235.9	235.9	235.9	240.4
52.5°	258.2	249.3	235.9	231.5	227.0	227.0	227.0	227.0	222.6	227.0	231.5
55°	244.8	235.9	227.0	222.6	218.1	213.7	218.1	213.7	213.7	218.1	218.1
57.5°	227.0	218.1	209.2	209.2	204.8	204.8	209.2	204.8	204.8	209.2	209.2
60°	213.7	204.8	195.9	195.9	191.4	195.9	200.3	195.9	195.9	195.9	200.3
62.5°	195.9	191.4	182.5	182.5	182.5	182.5	187.0	182.5	187.0	187.0	187.0
65°	182.5	173.6	169.1	169.1	169.1	169.1	178.0	169.1	173.6	173.6	173.6
67.5°	169.1	160.2	155.8	155.8	155.8	155.8	164.7	155.8	160.2	164.7	160.2
70°	155.8	146.9	142.4	142.4	142.4	142.4	146.9	142.4	142.4	146.9	146.9
72.5°	138.0	133.5	129.1	129.1	124.6	129.1	133.5	129.1	129.1	129.1	129.1
75°	124.6	120.2	120.2	115.7	115.7	115.7	120.2	111.3	111.3	111.3	111.3
77.5°	115.7	106.8	106.8	106.8	102.4	106.8	102.4	93.5	93.5	93.5	93.5
80°	97.9	89.0	93.5	93.5	89.0	89.0	84.6	75.7	75.7	75.7	75.7
82.5°	80.1	71.2	75.7	75.7	75.7	75.7	66.8	62.3	57.9	53.4	53.4
85°	71.2	57.9	66.8	66.8	62.3	62.3	44.5	44.5	35.6	35.6	31.2
87.5°	13.4	8.9	17.8	22.3	22.3	26.7	17.8	22.3	13.4	8.9	8.9
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°	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2
2.5°	2822.1	2871.0	2937.8	2986.8	3062.4	3120.3	3209.3	3285.0	3356.2	3387.4	3418.5
5°	2368.0	2399.2	2501.6	2581.7	2701.9	2831.0	2991.2	3164.8	3342.9	3423.0	3516.5
7.5°	1771.6	1829.4	1887.3	2003.0	2149.9	2359.1	2563.9	2822.1	3071.3	3191.5	3351.8
10°	1375.4	1419.9	1486.7	1606.9	1744.9	1918.5	2163.3	2470.4	2768.7	2924.4	3089.1
12.5°	1103.9	1166.2	1255.2	1379.9	1540.1	1718.2	1896.2	2181.1	2528.3	2706.3	2893.3
15°	894.7	943.7	1041.6	1197.4	1384.3	1566.8	1753.8	1989.7	2368.0	2572.8	2795.4
17.5°	712.2	747.8	836.8	992.6	1179.6	1384.3	1598.0	1896.2	2314.6	2563.9	2826.5
20°	578.7	605.4	663.2	779.0	957.0	1179.6	1446.6	1807.2	2345.8	2666.3	2986.8
22.5°	507.4	516.3	543.0	605.4	752.3	988.2	1308.7	1731.5	2403.7	2817.6	3249.4
25°	458.5	467.4	476.3	516.3	600.9	823.5	1188.5	1687.0	2528.3	3040.2	3552.1
27.5°	427.3	436.2	440.7	458.5	516.3	703.3	1086.1	1660.3	2697.4	3365.1	3926.0
30°	400.6	400.6	414.0	440.7	480.7	618.7	997.1	1598.0	2875.5	3636.6	4219.8
32.5°	378.4	382.8	400.6	414.0	440.7	547.5	908.0	1517.9	3035.7	3859.2	4509.1
35°	338.3	338.3	342.7	365.0	400.6	489.6	827.9	1437.7	3124.8	4077.3	4767.3
37.5°	311.6	316.0	324.9	342.7	373.9	449.6	761.2	1348.7	3218.2	4282.1	5069.9
40°	293.8	298.2	307.1	324.9	356.1	414.0	703.3	1277.5	3316.2	4504.6	5394.9
42.5°	280.4	284.9	293.8	311.6	338.3	405.1	641.0	1219.6	3374.0	4709.4	5702.0
45°	267.1	271.5	284.9	302.7	324.9	396.2	605.4	1179.6	3396.3	4847.4	5946.8
47.5°	253.7	258.2	271.5	298.2	324.9	382.8	592.0	1157.3	3414.1	5003.2	6142.7
50°	240.4	249.3	267.1	293.8	329.4	365.0	583.1	1152.9	3516.5	5203.5	6329.6
52.5°	231.5	244.8	262.6	293.8	324.9	338.3	578.7	1166.2	3721.2	5501.7	6596.7
55°	222.6	235.9	253.7	293.8	311.6	316.0	556.4	1188.5	4032.8	5915.7	6975.1
57.5°	213.7	222.6	244.8	284.9	293.8	298.2	511.9	1219.6	4344.4	6320.7	7362.3
60°	200.3	209.2	231.5	284.9	267.1	280.4	454.0	1228.5	4566.9	6449.8	7397.9
62.5°	187.0	195.9	218.1	293.8	244.8	262.6	405.1	1197.4	4611.5	6262.9	7197.6
65°	173.6	182.5	200.3	244.8	227.0	244.8	373.9	1112.8	4464.6	5835.5	6832.6
67.5°	160.2	169.1	182.5	200.3	204.8	222.6	360.5	979.3	4095.1	5305.8	6334.1
70°	142.4	151.3	164.7	178.0	182.5	209.2	338.3	850.2	3498.7	4598.1	5724.3
72.5°	129.1	133.5	146.9	155.8	164.7	191.4	324.9	743.4	2675.2	3721.2	4669.3
75°	111.3	111.3	124.6	133.5	142.4	169.1	298.2	618.7	1887.3	2839.9	3431.9
77.5°	93.5	93.5	102.4	111.3	120.2	146.9	253.7	503.0	1308.7	2252.3	2488.2
80°	71.2	71.2	80.1	89.0	97.9	124.6	204.8	369.5	810.1	1646.9	1811.6
82.5°	49.0	49.0	62.3	66.8	71.2	97.9	155.8	253.7	476.3	1188.5	1295.3
85°	26.7	26.7	35.6	40.1	49.0	71.2	115.7	178.0	284.9	859.1	863.5
87.5°	4.5	4.5	13.4	13.4	22.3	35.6	66.8	97.9	160.2	476.3	302.7
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: P598796  
 CATALOG NUMBER: IFLD-S-SA3B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2	3178.2
2.5°	3476.4	3525.4	3529.8	3529.8	3507.6	3512.0	3449.7	3382.9	3360.7	3356.2
5°	3658.9	3788.0	3823.6	3841.4	3783.5	3694.5	3534.3	3360.7	3271.6	3258.3
7.5°	3623.3	3881.5	4019.4	4037.3	3921.5	3712.3	3431.9	3164.8	3062.4	3035.7
10°	3414.1	3761.3	4010.5	4072.9	3948.2	3681.2	3316.2	3004.6	2879.9	2857.7
12.5°	3267.2	3601.0	3845.8	3930.4	3872.6	3641.1	3258.3	2902.2	2777.6	2746.4
15°	3187.1	3494.2	3654.4	3681.2	3676.7	3578.8	3258.3	2924.4	2786.5	2750.9
17.5°	3253.8	3463.0	3485.3	3423.0	3458.6	3507.6	3329.5	3044.6	2911.1	2879.9
20°	3387.4	3449.7	3342.9	3249.4	3267.2	3423.0	3440.8	3271.6	3164.8	3111.4
22.5°	3667.8	3498.7	3253.8	3124.8	3138.1	3356.2	3587.7	3578.8	3485.3	3458.6
25°	3952.7	3636.6	3227.1	3075.8	3093.6	3342.9	3761.3	3921.5	3872.6	3859.2
27.5°	4268.7	3868.1	3244.9	3053.5	3075.8	3360.7	3881.5	4210.8	4219.8	4206.4
30°	4482.4	3979.4	3298.3	3080.2	3111.4	3405.2	3908.2	4384.4	4464.6	4469.0
32.5°	4660.4	4090.7	3409.6	3124.8	3178.2	3485.3	3979.4	4549.1	4727.2	4731.6
35°	4802.9	4215.3	3547.6	3204.9	3285.0	3618.8	4072.9	4704.9	4972.0	5003.2
37.5°	4985.4	4353.3	3707.9	3378.5	3467.5	3810.2	4237.6	4887.4	5261.3	5345.9
40°	5181.2	4491.3	3939.3	3658.9	3788.0	4095.1	4424.5	5092.2	5506.2	5621.9
42.5°	5399.3	4638.2	4201.9	4037.3	4233.1	4455.7	4638.2	5279.1	5693.1	5826.6
45°	5613.0	4816.2	4584.8	4553.6	4771.7	4883.0	4847.4	5412.7	5871.2	6004.7
47.5°	5764.3	5074.4	5047.7	5234.6	5439.4	5381.5	5092.2	5510.6	6018.0	6164.9
50°	5902.3	5394.9	5630.8	5995.8	6120.4	5924.6	5354.8	5644.1	6173.8	6338.5
52.5°	6107.1	5737.6	6231.7	6685.7	6805.9	6494.3	5639.7	5862.2	6414.2	6561.1
55°	6525.5	6124.9	6859.3	7380.1	7402.4	7015.1	6022.5	6231.7	6752.5	6921.6
57.5°	6992.9	6601.2	7357.9	7954.3	7945.4	7535.9	6454.3	6730.2	7211.0	7326.7
60°	7415.7	7081.9	7900.9	8363.8	8341.6	7914.3	6957.2	7295.5	7736.2	7825.2
62.5°	7665.0	7518.1	8141.3	8492.9	8408.3	8038.9	7384.6	7798.5	8110.1	8141.3
65°	7624.9	7767.4	7860.8	8079.0	7958.8	7691.7	7593.8	8119.0	8150.2	8119.0
67.5°	7322.2	7624.9	7090.8	7113.0	7050.7	6823.7	7268.8	8034.4	7820.8	7745.1
70°	6863.8	6886.0	5929.0	5648.6	5746.5	5434.9	6236.2	7375.7	7046.3	6952.8
72.5°	6102.6	5826.6	4482.4	4197.5	4344.4	4121.8	5003.2	6427.6	6107.1	5804.4
75°	5118.9	4615.9	3414.1	3009.0	3084.7	3075.8	3877.0	5310.3	4731.6	4429.0
77.5°	3966.0	3596.6	2519.4	2363.6	2283.5	2301.3	2706.3	3948.2	3431.9	3053.5
80°	2897.7	2514.9	1949.6	2038.7	1994.1	1887.3	1896.2	2644.0	2385.9	2158.8
82.5°	2003.0	1789.4	1580.2	1784.9	1678.1	1513.4	1477.8	1905.1	1789.4	1651.4
85°	1344.3	1473.4	1255.2	1366.5	1184.0	1090.5	1388.8	1593.5	1286.4	1148.4
87.5°	876.9	1348.7	903.6	685.5	391.7	525.2	850.2	1046.0	600.9	324.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)