

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: P598820

Luminaire Tested: **IFLD-S-SA2B-830-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598820  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-830-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (32) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

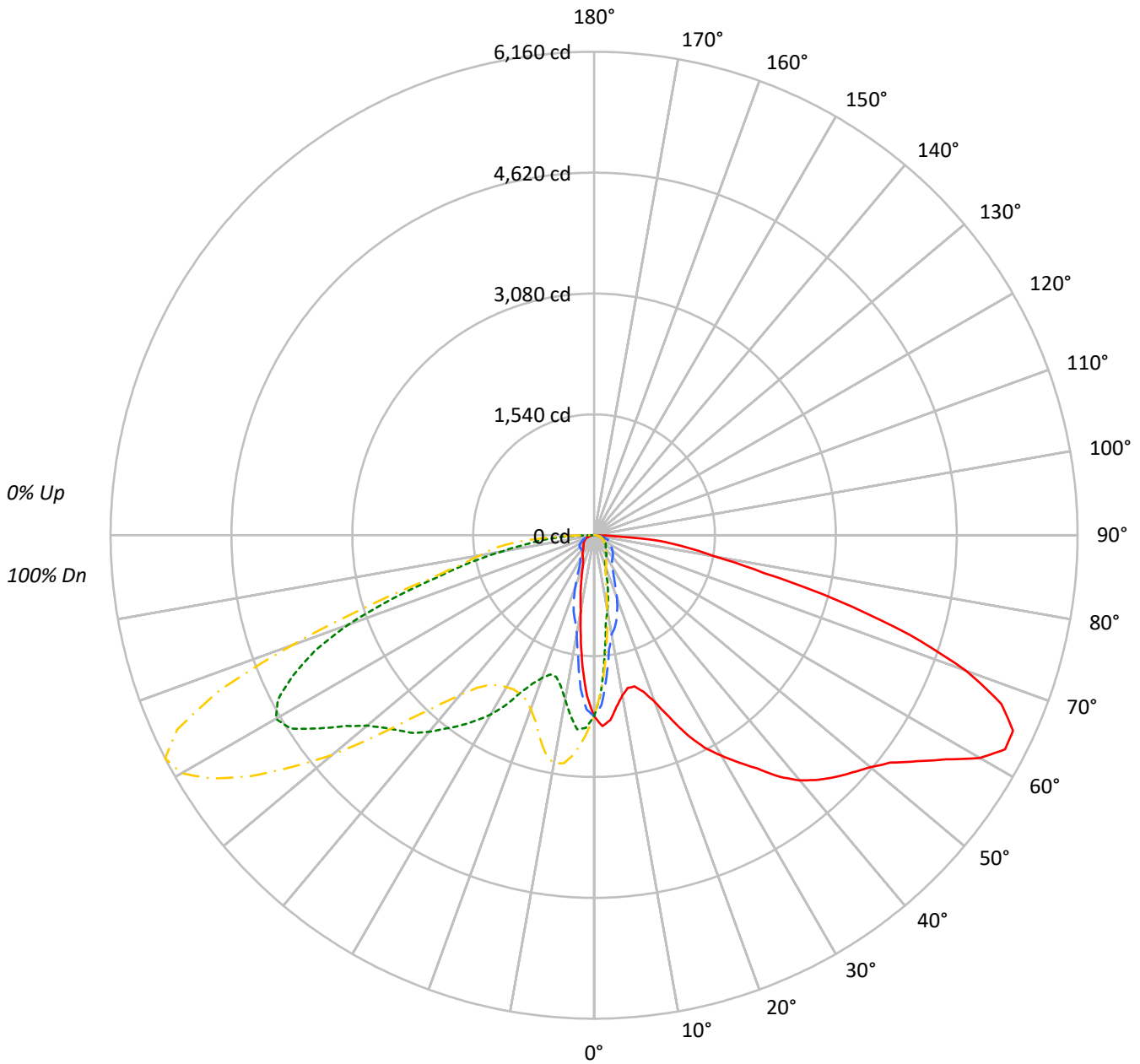
Lumens per Lamp: N/A  
 Luminaire Lumens: 7716.9 lumens  
 Efficiency: N/A  
 Efficacy: 93.7 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 82.4  
 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				
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°	49626	49626	49626	49626
5°	51071	33210	36279	53653
10°	45309	21101	21313	46369
15°	44468	14966	14175	41590
20°	51702	9468	9542	44305
25°	66490	8128	7898	52378
30°	80578	7704	7224	65568
35°	95370	6788	6533	77722
40°	114594	6441	5989	91820
45°	132597	6390	5800	107041
50°	153977	6487	5838	126403
55°	188429	6666	5938	161041
60°	244375	6674	6256	201423
65°	299976	6744	6413	215605
70°	317422	7113	6703	209922
75°	267198	7519	6712	171328
80°	194118	8802	6806	148099
85°	205754	12770	5582	153908

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	178.4	2.3
10°-20°	373.4	4.8
20°-30°	538.1	7.0
30°-40°	774.6	10.0
40°-50°	1100.3	14.3
50°-60°	1581.9	20.5
60°-70°	1827.6	23.7
70°-80°	1034.8	13.4
80°-90°	308.0	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°	1089.8	14.1
0°-40°	1864.4	24.2
0°-60°	4546.6	58.9
0°-90°	7716.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7716.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2305	2305	2305	2305	2305	
5°	2363	1537	1679	2483	2363	214
15°	1995	672	636	1866	1995	587
25°	2799	342	332	2205	2799	1299
35°	3629	258	249	2957	3629	2303
45°	4355	210	190	3516	4355	3372
55°	5020	178	158	4291	5020	4547
65°	5889	132	126	4233	5889	5647
75°	3212	90	81	2060	3212	3409
85°	833	52	23	623	833	830
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°	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2
2.5°	2434.3	2431.1	2411.7	2350.4	2285.8	2224.5	2166.4	2105.0	2072.7	2034.0	2017.8
5°	2363.3	2356.8	2302.0	2166.4	2046.9	1917.8	1808.0	1720.8	1649.8	1578.8	1552.9
7.5°	2201.9	2192.2	2127.6	1940.4	1766.0	1598.1	1465.8	1352.8	1259.1	1217.2	1168.7
10°	2072.7	2056.6	1972.6	1766.0	1540.0	1372.1	1285.0	1207.5	1126.8	1059.0	987.9
12.5°	1992.0	1972.6	1885.5	1643.3	1423.8	1297.9	1207.5	1120.3	1020.2	936.3	858.8
15°	1995.2	1972.6	1866.1	1611.0	1394.7	1233.3	1107.4	987.9	871.7	778.1	690.9
17.5°	2088.9	2059.8	1946.8	1656.2	1372.1	1149.4	981.5	826.5	694.1	594.1	523.0
20°	2256.8	2237.4	2108.2	1724.0	1349.5	1059.0	852.3	665.1	526.3	448.8	419.7
22.5°	2508.6	2486.0	2347.2	1827.4	1343.1	978.3	713.5	523.0	422.9	390.7	374.5
25°	2799.2	2757.2	2628.0	2001.7	1356.0	904.0	600.5	432.6	377.7	355.1	345.5
27.5°	3051.0	3025.2	2879.9	2166.4	1362.4	845.9	523.0	393.9	351.9	332.5	326.1
30°	3241.5	3231.8	3089.7	2347.2	1346.3	774.9	474.6	377.7	351.9	332.5	313.2
32.5°	3432.0	3435.2	3283.4	2486.0	1323.7	713.5	429.4	335.8	309.9	297.0	300.3
35°	3628.9	3645.0	3515.9	2621.6	1275.3	690.9	397.1	313.2	290.6	271.2	261.5
37.5°	3877.5	3919.5	3793.5	2773.3	1226.9	671.5	381.0	297.0	274.4	258.3	245.4
40°	4077.7	4155.1	4080.9	2915.4	1194.6	648.9	368.1	280.9	264.7	245.4	235.7
42.5°	4226.2	4316.6	4290.7	3025.2	1194.6	626.3	355.1	271.2	258.3	235.7	222.8
45°	4355.3	4448.9	4445.7	3138.2	1220.4	613.4	339.0	271.2	251.8	229.2	216.3
47.5°	4471.5	4565.2	4597.5	3280.2	1262.4	607.0	319.6	264.7	251.8	226.0	206.6
50°	4597.5	4700.8	4797.6	3506.2	1314.0	590.8	306.7	255.1	255.1	222.8	200.2
52.5°	4758.9	4875.1	5052.7	3787.1	1365.7	561.8	287.3	248.6	255.1	219.5	193.7
55°	5020.4	5117.3	5349.7	4122.9	1430.2	526.3	271.2	232.5	242.1	209.9	184.0
57.5°	5314.2	5398.1	5591.9	4381.1	1449.6	481.1	248.6	216.3	232.5	200.2	171.1
60°	5675.8	5717.8	5717.8	4455.4	1385.0	439.1	232.5	203.4	209.9	190.5	161.4
62.5°	5905.0	5905.0	5717.8	4319.8	1262.4	403.6	219.5	190.5	184.0	177.6	151.7
65°	5888.9	5863.1	5585.4	3925.9	1120.3	381.0	206.6	174.3	164.7	161.4	142.1
67.5°	5617.7	5572.5	5194.7	3370.6	971.8	371.3	193.7	158.2	151.7	145.3	129.1
70°	5043.0	4926.8	4461.9	2712.0	826.5	364.8	190.5	145.3	138.8	132.4	119.5
72.5°	4210.0	4061.5	3483.6	2085.6	694.1	342.2	180.8	129.1	125.9	119.5	106.5
75°	3212.4	2938.0	2431.1	1594.9	539.2	297.0	155.0	113.0	113.0	109.8	96.9
77.5°	2214.8	2072.7	1695.0	1178.4	393.9	229.2	125.9	100.1	100.1	103.3	90.4
80°	1565.8	1433.5	1207.5	845.9	248.6	155.0	96.9	83.9	93.6	100.1	83.9
82.5°	1197.8	1100.9	897.5	616.7	145.3	106.5	74.3	67.8	80.7	87.2	71.0
85°	833.0	716.7	455.2	413.3	83.9	64.6	54.9	54.9	71.0	87.2	64.6
87.5°	235.7	100.1	29.1	122.7	35.5	25.8	19.4	12.9	19.4	19.4	12.9
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2
2.5°	2001.7	1982.3	1982.3	1975.9	1979.1	1982.3	1979.1	2001.7	2011.4	2024.3	2050.1
5°	1536.8	1562.6	1543.2	1562.6	1588.4	1627.2	1636.9	1665.9	1669.2	1691.8	1678.8
7.5°	1139.7	1136.5	1120.3	1142.9	1213.9	1268.8	1294.6	1310.8	1314.0	1314.0	1297.9
10°	965.3	936.3	907.2	891.1	897.5	955.7	975.0	984.7	978.3	987.9	975.0
12.5°	826.5	800.7	758.7	729.7	710.3	726.4	745.8	755.5	761.9	778.1	791.0
15°	671.5	645.7	619.9	603.7	587.6	574.7	590.8	600.5	616.7	629.6	636.0
17.5°	510.1	497.2	484.3	494.0	494.0	487.5	494.0	497.2	503.7	513.3	510.1
20°	413.3	410.0	406.8	422.9	435.9	435.9	442.3	432.6	429.4	419.7	416.5
22.5°	368.1	368.1	371.3	384.2	397.1	403.6	403.6	387.4	371.3	364.8	368.1
25°	342.2	342.2	351.9	355.1	361.6	361.6	364.8	348.7	339.0	329.3	332.5
27.5°	322.9	322.9	326.1	326.1	329.3	329.3	332.5	326.1	313.2	309.9	309.9
30°	309.9	309.9	306.7	306.7	306.7	306.7	309.9	300.3	293.8	290.6	290.6
32.5°	297.0	293.8	290.6	290.6	287.3	287.3	290.6	280.9	277.7	277.7	277.7
35°	258.3	255.1	258.3	264.7	264.7	268.0	268.0	264.7	258.3	251.8	248.6
37.5°	242.1	238.9	238.9	238.9	245.4	248.6	251.8	245.4	235.7	226.0	226.0
40°	229.2	229.2	226.0	226.0	226.0	232.5	238.9	229.2	216.3	213.1	213.1
42.5°	219.5	216.3	213.1	209.9	206.6	216.3	222.8	209.9	203.4	203.4	203.4
45°	209.9	206.6	203.4	200.2	196.9	200.2	206.6	193.7	190.5	190.5	190.5
47.5°	200.2	196.9	190.5	187.3	184.0	184.0	190.5	180.8	177.6	180.8	180.8
50°	193.7	187.3	180.8	177.6	174.3	174.3	174.3	171.1	171.1	171.1	174.3
52.5°	187.3	180.8	171.1	167.9	164.7	164.7	164.7	164.7	161.4	164.7	167.9
55°	177.6	171.1	164.7	161.4	158.2	155.0	158.2	155.0	155.0	158.2	158.2
57.5°	164.7	158.2	151.7	151.7	148.5	148.5	151.7	148.5	148.5	151.7	151.7
60°	155.0	148.5	142.1	142.1	138.8	142.1	145.3	142.1	142.1	142.1	145.3
62.5°	142.1	138.8	132.4	132.4	132.4	132.4	135.6	132.4	135.6	135.6	135.6
65°	132.4	125.9	122.7	122.7	122.7	122.7	129.1	122.7	125.9	125.9	125.9
67.5°	122.7	116.2	113.0	113.0	113.0	113.0	119.5	113.0	116.2	119.5	116.2
70°	113.0	106.5	103.3	103.3	103.3	103.3	106.5	103.3	103.3	106.5	106.5
72.5°	100.1	96.9	93.6	93.6	90.4	93.6	96.9	93.6	93.6	93.6	93.6
75°	90.4	87.2	87.2	83.9	83.9	83.9	87.2	80.7	80.7	80.7	80.7
77.5°	83.9	77.5	77.5	77.5	74.3	77.5	74.3	67.8	67.8	67.8	67.8
80°	71.0	64.6	67.8	67.8	64.6	64.6	61.3	54.9	54.9	54.9	54.9
82.5°	58.1	51.7	54.9	54.9	54.9	54.9	48.4	45.2	42.0	38.7	38.7
85°	51.7	42.0	48.4	48.4	45.2	45.2	32.3	32.3	25.8	25.8	22.6
87.5°	9.7	6.5	12.9	16.1	16.1	19.4	12.9	16.1	9.7	6.5	6.5
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°	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2
2.5°	2046.9	2082.4	2130.8	2166.4	2221.2	2263.2	2327.8	2382.7	2434.3	2456.9	2479.5
5°	1717.6	1740.2	1814.4	1872.6	1959.7	2053.4	2169.6	2295.5	2424.6	2482.8	2550.6
7.5°	1285.0	1326.9	1368.9	1452.8	1559.4	1711.1	1859.6	2046.9	2227.7	2314.9	2431.1
10°	997.6	1029.9	1078.3	1165.5	1265.6	1391.5	1569.1	1791.8	2008.2	2121.2	2240.6
12.5°	800.7	845.9	910.5	1000.9	1117.1	1246.2	1375.4	1582.0	1833.8	1963.0	2098.6
15°	648.9	684.5	755.5	868.5	1004.1	1136.5	1272.0	1443.2	1717.6	1866.1	2027.5
17.5°	516.6	542.4	607.0	720.0	855.6	1004.1	1159.1	1375.4	1678.8	1859.6	2050.1
20°	419.7	439.1	481.1	565.0	694.1	855.6	1049.3	1310.8	1701.4	1933.9	2166.4
22.5°	368.1	374.5	393.9	439.1	545.6	716.7	949.2	1255.9	1743.4	2043.7	2356.8
25°	332.5	339.0	345.5	374.5	435.9	597.3	862.0	1223.6	1833.8	2205.1	2576.4
27.5°	309.9	316.4	319.6	332.5	374.5	510.1	787.8	1204.3	1956.5	2440.8	2847.6
30°	290.6	290.6	300.3	319.6	348.7	448.8	723.2	1159.1	2085.6	2637.7	3060.7
32.5°	274.4	277.7	290.6	300.3	319.6	397.1	658.6	1100.9	2201.9	2799.2	3270.5
35°	245.4	245.4	248.6	264.7	290.6	355.1	600.5	1042.8	2266.4	2957.4	3457.8
37.5°	226.0	229.2	235.7	248.6	271.2	326.1	552.1	978.3	2334.2	3105.9	3677.3
40°	213.1	216.3	222.8	235.7	258.3	300.3	510.1	926.6	2405.3	3267.3	3913.0
42.5°	203.4	206.6	213.1	226.0	245.4	293.8	464.9	884.6	2447.2	3415.8	4135.8
45°	193.7	196.9	206.6	219.5	235.7	287.3	439.1	855.6	2463.4	3515.9	4313.3
47.5°	184.0	187.3	196.9	216.3	235.7	277.7	429.4	839.4	2476.3	3628.9	4455.4
50°	174.3	180.8	193.7	213.1	238.9	264.7	422.9	836.2	2550.6	3774.2	4591.0
52.5°	167.9	177.6	190.5	213.1	235.7	245.4	419.7	845.9	2699.1	3990.5	4784.7
55°	161.4	171.1	184.0	213.1	226.0	229.2	403.6	862.0	2925.1	4290.7	5059.1
57.5°	155.0	161.4	177.6	206.6	213.1	216.3	371.3	884.6	3151.1	4584.5	5340.0
60°	145.3	151.7	167.9	206.6	193.7	203.4	329.3	891.1	3312.5	4678.2	5365.9
62.5°	135.6	142.1	158.2	213.1	177.6	190.5	293.8	868.5	3344.8	4542.6	5220.6
65°	125.9	132.4	145.3	177.6	164.7	177.6	271.2	807.1	3238.2	4232.6	4955.8
67.5°	116.2	122.7	132.4	145.3	148.5	161.4	261.5	710.3	2970.3	3848.4	4594.2
70°	103.3	109.8	119.5	129.1	132.4	151.7	245.4	616.7	2537.6	3335.1	4151.9
72.5°	93.6	96.9	106.5	113.0	119.5	138.8	235.7	539.2	1940.4	2699.1	3386.8
75°	80.7	80.7	90.4	96.9	103.3	122.7	216.3	448.8	1368.9	2059.8	2489.2
77.5°	67.8	67.8	74.3	80.7	87.2	106.5	184.0	364.8	949.2	1633.6	1804.8
80°	51.7	51.7	58.1	64.6	71.0	90.4	148.5	268.0	587.6	1194.6	1314.0
82.5°	35.5	35.5	45.2	48.4	51.7	71.0	113.0	184.0	345.5	862.0	939.5
85°	19.4	19.4	25.8	29.1	35.5	51.7	83.9	129.1	206.6	623.1	626.3
87.5°	3.2	3.2	9.7	9.7	16.1	25.8	48.4	71.0	116.2	345.5	219.5
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: P598820  
 CATALOG NUMBER: IFLD-S-SA2B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2	2305.2
2.5°	2521.5	2557.0	2560.2	2560.2	2544.1	2547.3	2502.1	2453.7	2437.6	2434.3
5°	2653.9	2747.5	2773.3	2786.2	2744.3	2679.7	2563.5	2437.6	2373.0	2363.3
7.5°	2628.0	2815.3	2915.4	2928.3	2844.4	2692.6	2489.2	2295.5	2221.2	2201.9
10°	2476.3	2728.1	2908.9	2954.1	2863.7	2670.0	2405.3	2179.3	2088.9	2072.7
12.5°	2369.8	2611.9	2789.5	2850.8	2808.8	2641.0	2363.3	2105.0	2014.6	1992.0
15°	2311.6	2534.4	2650.6	2670.0	2666.8	2595.8	2363.3	2121.2	2021.1	1995.2
17.5°	2360.1	2511.8	2528.0	2482.8	2508.6	2544.1	2415.0	2208.3	2111.5	2088.9
20°	2456.9	2502.1	2424.6	2356.8	2369.8	2482.8	2495.7	2373.0	2295.5	2256.8
22.5°	2660.3	2537.6	2360.1	2266.4	2276.1	2434.3	2602.2	2595.8	2528.0	2508.6
25°	2867.0	2637.7	2340.7	2230.9	2243.8	2424.6	2728.1	2844.4	2808.8	2799.2
27.5°	3096.2	2805.6	2353.6	2214.8	2230.9	2437.6	2815.3	3054.2	3060.7	3051.0
30°	3251.2	2886.3	2392.4	2234.2	2256.8	2469.8	2834.7	3180.1	3238.2	3241.5
32.5°	3380.3	2967.0	2473.1	2266.4	2305.2	2528.0	2886.3	3299.6	3428.7	3432.0
35°	3483.6	3057.4	2573.2	2324.6	2382.7	2624.8	2954.1	3412.6	3606.3	3628.9
37.5°	3616.0	3157.5	2689.4	2450.5	2515.0	2763.6	3073.6	3545.0	3816.1	3877.5
40°	3758.0	3257.6	2857.3	2653.9	2747.5	2970.3	3209.2	3693.5	3993.7	4077.7
42.5°	3916.2	3364.2	3047.8	2928.3	3070.4	3231.8	3364.2	3829.1	4129.3	4226.2
45°	4071.2	3493.3	3325.4	3302.8	3461.0	3541.7	3515.9	3925.9	4258.5	4355.3
47.5°	4181.0	3680.6	3661.2	3796.8	3945.3	3903.3	3693.5	3996.9	4365.0	4471.5
50°	4281.1	3913.0	4084.1	4348.9	4439.3	4297.2	3883.9	4093.8	4478.0	4597.5
52.5°	4429.6	4161.6	4520.0	4849.3	4936.5	4710.5	4090.6	4252.0	4652.3	4758.9
55°	4733.1	4442.5	4975.2	5352.9	5369.1	5088.2	4368.2	4520.0	4897.7	5020.4
57.5°	5072.1	4787.9	5336.8	5769.4	5763.0	5465.9	4681.4	4881.6	5230.3	5314.2
60°	5378.8	5136.6	5730.7	6066.5	6050.3	5740.4	5046.2	5291.6	5611.2	5675.8
62.5°	5559.6	5453.0	5905.0	6160.1	6098.7	5830.8	5356.2	5656.4	5882.4	5905.0
65°	5530.5	5633.8	5701.6	5859.8	5772.7	5578.9	5507.9	5888.9	5911.5	5888.9
67.5°	5311.0	5530.5	5143.1	5159.2	5114.0	4949.4	5272.2	5827.5	5672.6	5617.7
70°	4978.4	4994.6	4300.4	4097.0	4168.1	3942.1	4523.2	5349.7	5110.8	5043.0
72.5°	4426.3	4226.2	3251.2	3044.5	3151.1	2989.6	3628.9	4662.0	4429.6	4210.0
75°	3712.8	3348.0	2476.3	2182.5	2237.4	2230.9	2812.1	3851.7	3432.0	3212.4
77.5°	2876.6	2608.7	1827.4	1714.4	1656.2	1669.2	1963.0	2863.7	2489.2	2214.8
80°	2101.8	1824.1	1414.1	1478.7	1446.4	1368.9	1375.4	1917.8	1730.5	1565.8
82.5°	1452.8	1297.9	1146.1	1294.6	1217.2	1097.7	1071.9	1381.8	1297.9	1197.8
85°	975.0	1068.7	910.5	991.2	858.8	791.0	1007.3	1155.8	933.1	833.0
87.5°	636.0	978.3	655.4	497.2	284.1	381.0	616.7	758.7	435.9	235.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)