

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: P598829

Luminaire Tested: **IFLD-S-SA6A-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: P598829  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-830-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

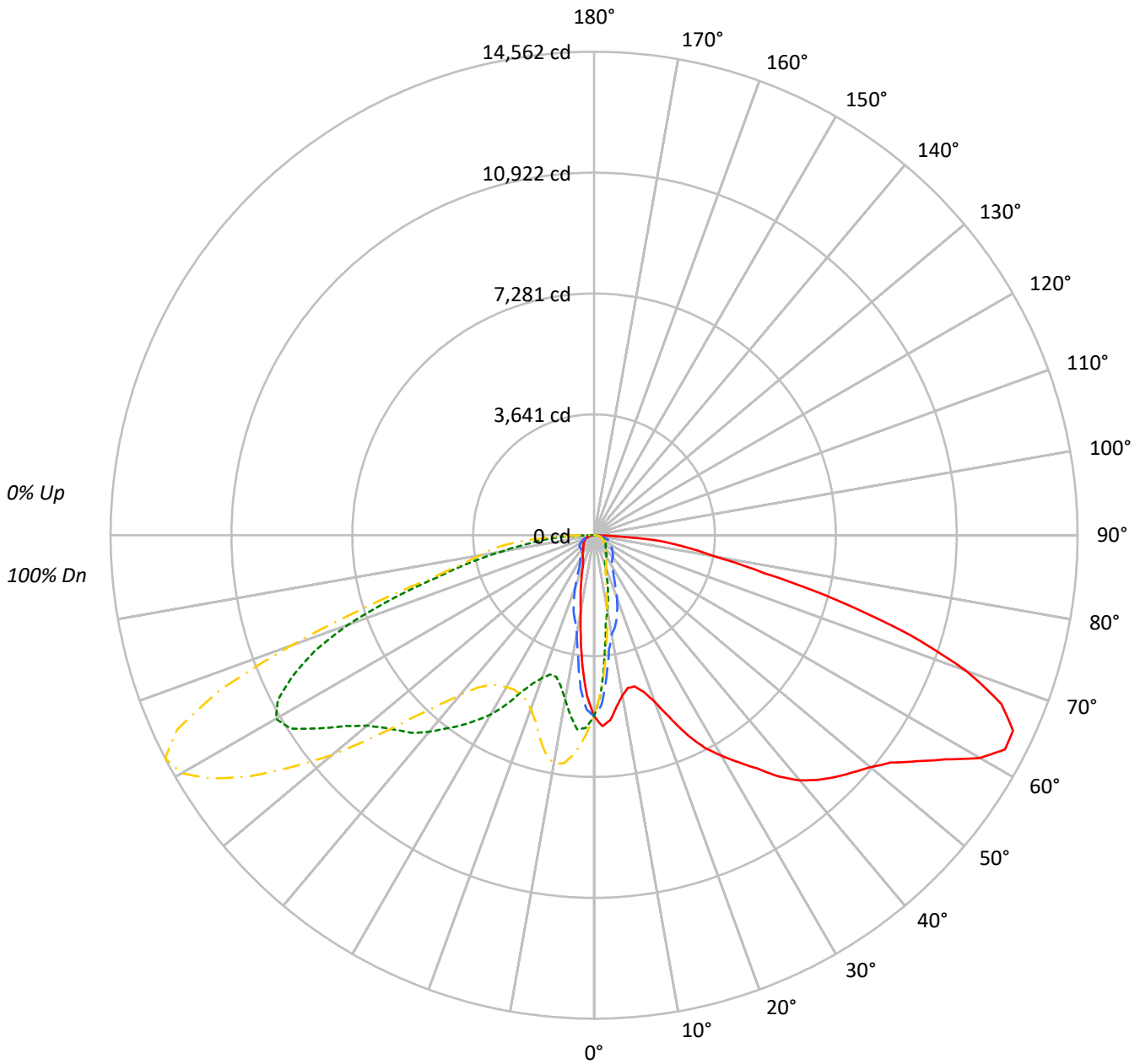
Lumens per Lamp: N/A  
 Luminaire Lumens: 18241.7 lumens  
 Efficiency: N/A  
 Efficacy: 96.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 189.6  
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	39102	39102	39102	39102
5°	40242	26168	28587	42276
10°	35702	16627	16794	36536
15°	35039	11793	11170	32771
20°	40738	7460	7518	34910
25°	52390	6405	6224	41271
30°	63491	6071	5692	51665
35°	75147	5348	5148	61241
40°	90294	5076	4718	72349
45°	104480	5035	4570	84344
50°	121325	5112	4601	99599
55°	148473	5252	4679	126894
60°	192556	5257	4928	158710
65°	236366	5313	5053	169887
70°	250113	5604	5285	165408
75°	210541	5925	5290	134999
80°	152959	6938	5360	116692
85°	162117	10053	4397	121271

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	421.7	2.3
10°-20°	882.6	4.8
20°-30°	1271.9	7.0
30°-40°	1831.0	10.0
40°-50°	2600.9	14.3
50°-60°	3739.3	20.5
60°-70°	4320.1	23.7
70°-80°	2446.1	13.4
80°-90°	728.0	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°	2576.2	14.1
0°-40°	4407.3	24.2
0°-60°	10747.4	58.9
0°-90°	18241.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18241.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5449	5449	5449	5449	5449	
5°	5586	3633	3969	5869	5586	507
15°	4716	1587	1504	4411	4716	1387
25°	6617	809	786	5212	6617	3071
35°	8578	610	588	6991	8578	5444
45°	10295	496	450	8311	10295	7972
55°	11868	420	374	10143	11868	10748
65°	13920	313	298	10005	13920	13349
75°	7594	214	191	4869	7594	8057
85°	1969	122	53	1473	1969	1961
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°	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1
2.5°	5754.4	5746.8	5701.0	5556.0	5403.3	5258.3	5121.0	4976.0	4899.6	4808.1	4769.9
5°	5586.5	5571.2	5441.5	5121.0	4838.6	4533.3	4273.8	4067.8	3899.9	3732.0	3670.9
7.5°	5204.9	5182.0	5029.4	4586.7	4174.6	3777.8	3464.8	3197.7	2976.4	2877.2	2762.7
10°	4899.6	4861.5	4663.0	4174.6	3640.4	3243.5	3037.5	2854.3	2663.5	2503.2	2335.3
12.5°	4708.8	4663.0	4457.0	3884.6	3365.6	3068.0	2854.3	2648.2	2411.7	2213.2	2030.1
15°	4716.5	4663.0	4411.2	3808.3	3296.9	2915.4	2617.7	2335.3	2060.6	1839.3	1633.2
17.5°	4937.8	4869.1	4602.0	3915.1	3243.5	2716.9	2320.1	1953.7	1640.8	1404.3	1236.4
20°	5334.6	5288.9	4983.6	4075.4	3190.1	2503.2	2014.8	1572.2	1244.0	1060.8	992.1
22.5°	5929.9	5876.5	5548.3	4319.6	3174.8	2312.4	1686.6	1236.4	999.8	923.5	885.3
25°	6616.8	6517.6	6212.3	4731.7	3205.4	2136.9	1419.5	1022.7	892.9	839.5	816.6
27.5°	7212.1	7151.0	6807.6	5121.0	3220.6	1999.5	1236.4	931.1	831.9	786.1	770.8
30°	7662.4	7639.5	7303.7	5548.3	3182.5	1831.6	1121.9	892.9	831.9	786.1	740.3
32.5°	8112.6	8120.3	7761.6	5876.5	3129.0	1686.6	1015.0	793.7	732.7	702.1	709.8
35°	8578.2	8616.3	8311.1	6197.0	3014.6	1633.2	938.7	740.3	686.9	641.1	618.2
37.5°	9165.8	9265.0	8967.4	6555.7	2900.1	1587.4	900.6	702.1	648.7	610.5	580.0
40°	9639.0	9822.2	9646.6	6891.5	2823.8	1534.0	870.0	664.0	625.8	580.0	557.1
42.5°	9990.1	10203.8	10142.7	7151.0	2823.8	1480.6	839.5	641.1	610.5	557.1	526.6
45°	10295.3	10516.7	10509.0	7418.1	2884.8	1450.0	801.3	641.1	595.3	541.9	511.3
47.5°	10570.1	10791.4	10867.7	7753.9	2984.0	1434.8	755.6	625.8	595.3	534.2	488.4
50°	10867.7	11111.9	11340.9	8288.2	3106.2	1396.6	725.0	602.9	602.9	526.6	473.2
52.5°	11249.3	11524.1	11943.8	8952.1	3228.3	1327.9	679.2	587.7	602.9	519.0	457.9
55°	11867.5	12096.4	12645.9	9745.8	3380.9	1244.0	641.1	549.5	572.4	496.1	435.0
57.5°	12562.0	12760.4	13218.3	10356.4	3426.7	1137.1	587.7	511.3	549.5	473.2	404.5
60°	13416.8	13516.0	13516.0	10531.9	3274.1	1037.9	549.5	480.8	496.1	450.3	381.6
62.5°	13958.6	13958.6	13516.0	10211.4	2984.0	954.0	519.0	450.3	435.0	419.8	358.7
65°	13920.5	13859.4	13203.1	9280.3	2648.2	900.6	488.4	412.1	389.2	381.6	335.8
67.5°	13279.4	13172.5	12279.6	7967.6	2297.2	877.7	457.9	374.0	358.7	343.4	305.3
70°	11920.9	11646.2	10547.2	6410.7	1953.7	862.4	450.3	343.4	328.2	312.9	282.4
72.5°	9951.9	9600.8	8234.7	4930.2	1640.8	809.0	427.4	305.3	297.6	282.4	251.9
75°	7593.7	6945.0	5746.8	3770.1	1274.5	702.1	366.3	267.1	267.1	259.5	229.0
77.5°	5235.4	4899.6	4006.7	2785.6	931.1	541.9	297.6	236.6	236.6	244.2	213.7
80°	3701.4	3388.5	2854.3	1999.5	587.7	366.3	229.0	198.4	221.3	236.6	198.4
82.5°	2831.4	2602.5	2121.6	1457.7	343.4	251.9	175.5	160.3	190.8	206.1	167.9
85°	1969.0	1694.3	1076.1	976.9	198.4	152.6	129.7	129.7	167.9	206.1	152.6
87.5°	557.1	236.6	68.7	290.0	84.0	61.1	45.8	30.5	45.8	45.8	30.5
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1
2.5°	4731.7	4685.9	4685.9	4670.7	4678.3	4685.9	4678.3	4731.7	4754.6	4785.2	4846.2
5°	3632.7	3693.8	3648.0	3693.8	3754.9	3846.4	3869.3	3938.0	3945.7	3999.1	3968.6
7.5°	2694.0	2686.4	2648.2	2701.7	2869.6	2999.3	3060.4	3098.5	3106.2	3106.2	3068.0
10°	2281.9	2213.2	2144.5	2106.4	2121.6	2259.0	2304.8	2327.7	2312.4	2335.3	2304.8
12.5°	1953.7	1892.7	1793.5	1724.8	1679.0	1717.2	1763.0	1785.8	1801.1	1839.3	1869.8
15°	1587.4	1526.4	1465.3	1427.2	1389.0	1358.5	1396.6	1419.5	1457.7	1488.2	1503.5
17.5°	1205.8	1175.3	1144.8	1167.7	1167.7	1152.4	1167.7	1175.3	1190.6	1213.5	1205.8
20°	976.9	969.2	961.6	999.8	1030.3	1030.3	1045.6	1022.7	1015.0	992.1	984.5
22.5°	870.0	870.0	877.7	908.2	938.7	954.0	954.0	915.8	877.7	862.4	870.0
25°	809.0	809.0	831.9	839.5	854.8	854.8	862.4	824.2	801.3	778.4	786.1
27.5°	763.2	763.2	770.8	770.8	778.4	778.4	786.1	770.8	740.3	732.7	732.7
30°	732.7	732.7	725.0	725.0	725.0	725.0	732.7	709.8	694.5	686.9	686.9
32.5°	702.1	694.5	686.9	686.9	679.2	679.2	686.9	664.0	656.3	656.3	656.3
35°	610.5	602.9	610.5	625.8	625.8	633.4	633.4	625.8	610.5	595.3	587.7
37.5°	572.4	564.8	564.8	564.8	580.0	587.7	595.3	580.0	557.1	534.2	534.2
40°	541.9	541.9	534.2	534.2	534.2	549.5	564.8	541.9	511.3	503.7	503.7
42.5°	519.0	511.3	503.7	496.1	488.4	511.3	526.6	496.1	480.8	480.8	480.8
45°	496.1	488.4	480.8	473.2	465.5	473.2	488.4	457.9	450.3	450.3	450.3
47.5°	473.2	465.5	450.3	442.6	435.0	435.0	450.3	427.4	419.8	427.4	427.4
50°	457.9	442.6	427.4	419.8	412.1	412.1	412.1	404.5	404.5	404.5	412.1
52.5°	442.6	427.4	404.5	396.9	389.2	389.2	389.2	389.2	381.6	389.2	396.9
55°	419.8	404.5	389.2	381.6	374.0	366.3	374.0	366.3	366.3	374.0	374.0
57.5°	389.2	374.0	358.7	358.7	351.1	351.1	358.7	351.1	351.1	358.7	358.7
60°	366.3	351.1	335.8	335.8	328.2	335.8	343.4	335.8	335.8	335.8	343.4
62.5°	335.8	328.2	312.9	312.9	312.9	312.9	320.5	312.9	320.5	320.5	320.5
65°	312.9	297.6	290.0	290.0	290.0	290.0	305.3	290.0	297.6	297.6	297.6
67.5°	290.0	274.7	267.1	267.1	267.1	267.1	282.4	267.1	274.7	282.4	274.7
70°	267.1	251.9	244.2	244.2	244.2	244.2	251.9	244.2	244.2	251.9	251.9
72.5°	236.6	229.0	221.3	221.3	213.7	221.3	229.0	221.3	221.3	221.3	221.3
75°	213.7	206.1	206.1	198.4	198.4	198.4	206.1	190.8	190.8	190.8	190.8
77.5°	198.4	183.2	183.2	183.2	175.5	183.2	175.5	160.3	160.3	160.3	160.3
80°	167.9	152.6	160.3	160.3	152.6	152.6	145.0	129.7	129.7	129.7	129.7
82.5°	137.4	122.1	129.7	129.7	129.7	129.7	114.5	106.8	99.2	91.6	91.6
85°	122.1	99.2	114.5	114.5	106.8	106.8	76.3	76.3	61.1	61.1	53.4
87.5°	22.9	15.3	30.5	38.2	38.2	45.8	30.5	38.2	22.9	15.3	15.3
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°	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1
2.5°	4838.6	4922.5	5037.0	5121.0	5250.7	5349.9	5502.5	5632.3	5754.4	5807.8	5861.2
5°	4060.1	4113.6	4289.1	4426.5	4632.5	4853.8	5128.6	5426.2	5731.5	5868.9	6029.1
7.5°	3037.5	3136.7	3235.9	3434.3	3686.2	4044.9	4395.9	4838.6	5266.0	5472.0	5746.8
10°	2358.2	2434.6	2549.0	2755.1	2991.7	3289.3	3709.1	4235.7	4747.0	5014.1	5296.5
12.5°	1892.7	1999.5	2152.2	2365.9	2640.6	2945.9	3251.2	3739.6	4334.9	4640.2	4960.7
15°	1534.0	1617.9	1785.8	2053.0	2373.5	2686.4	3006.9	3411.4	4060.1	4411.2	4792.8
17.5°	1221.1	1282.1	1434.8	1701.9	2022.4	2373.5	2739.8	3251.2	3968.6	4395.9	4846.2
20°	992.1	1037.9	1137.1	1335.6	1640.8	2022.4	2480.3	3098.5	4022.0	4571.5	5121.0
22.5°	870.0	885.3	931.1	1037.9	1289.8	1694.3	2243.8	2968.8	4121.2	4830.9	5571.2
25°	786.1	801.3	816.6	885.3	1030.3	1411.9	2037.7	2892.5	4334.9	5212.5	6090.2
27.5°	732.7	747.9	755.6	786.1	885.3	1205.8	1862.2	2846.7	4624.9	5769.7	6731.3
30°	686.9	686.9	709.8	755.6	824.2	1060.8	1709.5	2739.8	4930.2	6235.2	7235.0
32.5°	648.7	656.3	686.9	709.8	755.6	938.7	1556.9	2602.5	5204.9	6616.8	7731.0
35°	580.0	580.0	587.7	625.8	686.9	839.5	1419.5	2465.1	5357.5	6990.8	8173.7
37.5°	534.2	541.9	557.1	587.7	641.1	770.8	1305.0	2312.4	5517.8	7341.8	8692.7
40°	503.7	511.3	526.6	557.1	610.5	709.8	1205.8	2190.3	5685.7	7723.4	9249.8
42.5°	480.8	488.4	503.7	534.2	580.0	694.5	1099.0	2091.1	5784.9	8074.5	9776.4
45°	457.9	465.5	488.4	519.0	557.1	679.2	1037.9	2022.4	5823.1	8311.1	10196.1
47.5°	435.0	442.6	465.5	511.3	557.1	656.3	1015.0	1984.3	5853.6	8578.2	10531.9
50°	412.1	427.4	457.9	503.7	564.8	625.8	999.8	1976.6	6029.1	8921.6	10852.5
52.5°	396.9	419.8	450.3	503.7	557.1	580.0	992.1	1999.5	6380.2	9432.9	11310.4
55°	381.6	404.5	435.0	503.7	534.2	541.9	954.0	2037.7	6914.4	10142.7	11959.1
57.5°	366.3	381.6	419.8	488.4	503.7	511.3	877.7	2091.1	7448.7	10837.2	12623.0
60°	343.4	358.7	396.9	488.4	457.9	480.8	778.4	2106.4	7830.3	11058.5	12684.1
62.5°	320.5	335.8	374.0	503.7	419.8	450.3	694.5	2053.0	7906.6	10738.0	12340.7
65°	297.6	312.9	343.4	419.8	389.2	419.8	641.1	1908.0	7654.7	10005.3	11714.9
67.5°	274.7	290.0	312.9	343.4	351.1	381.6	618.2	1679.0	7021.3	9097.1	10860.1
70°	244.2	259.5	282.4	305.3	312.9	358.7	580.0	1457.7	5998.6	7883.7	9814.5
72.5°	221.3	229.0	251.9	267.1	282.4	328.2	557.1	1274.5	4586.7	6380.2	8005.8
75°	190.8	190.8	213.7	229.0	244.2	290.0	511.3	1060.8	3235.9	4869.1	5884.1
77.5°	160.3	160.3	175.5	190.8	206.1	251.9	435.0	862.4	2243.8	3861.7	4266.2
80°	122.1	122.1	137.4	152.6	167.9	213.7	351.1	633.4	1389.0	2823.8	3106.2
82.5°	84.0	84.0	106.8	114.5	122.1	167.9	267.1	435.0	816.6	2037.7	2220.9
85°	45.8	45.8	61.1	68.7	84.0	122.1	198.4	305.3	488.4	1472.9	1480.6
87.5°	7.6	7.6	22.9	22.9	38.2	61.1	114.5	167.9	274.7	816.6	519.0
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: P598829  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1	5449.1
2.5°	5960.5	6044.4	6052.0	6052.0	6013.9	6021.5	5914.7	5800.2	5762.0	5754.4
5°	6273.4	6494.7	6555.7	6586.3	6487.1	6334.4	6059.7	5762.0	5609.4	5586.5
7.5°	6212.3	6655.0	6891.5	6922.1	6723.6	6364.9	5884.1	5426.2	5250.7	5204.9
10°	5853.6	6448.9	6876.3	6983.1	6769.4	6311.5	5685.7	5151.5	4937.8	4899.6
12.5°	5601.8	6174.1	6593.9	6738.9	6639.7	6242.8	5586.5	4976.0	4762.3	4708.8
15°	5464.4	5991.0	6265.7	6311.5	6303.9	6136.0	5586.5	5014.1	4777.5	4716.5
17.5°	5578.9	5937.6	5975.7	5868.9	5929.9	6013.9	5708.6	5220.2	4991.2	4937.8
20°	5807.8	5914.7	5731.5	5571.2	5601.8	5868.9	5899.4	5609.4	5426.2	5334.6
22.5°	6288.6	5998.6	5578.9	5357.5	5380.4	5754.4	6151.3	6136.0	5975.7	5929.9
25°	6777.1	6235.2	5533.1	5273.6	5304.1	5731.5	6448.9	6723.6	6639.7	6616.8
27.5°	7318.9	6632.1	5563.6	5235.4	5273.6	5762.0	6655.0	7219.7	7235.0	7212.1
30°	7685.2	6822.9	5655.2	5281.2	5334.6	5838.3	6700.7	7517.3	7654.7	7662.4
32.5°	7990.5	7013.6	5846.0	5357.5	5449.1	5975.7	6822.9	7799.7	8105.0	8112.6
35°	8234.7	7227.3	6082.6	5494.9	5632.3	6204.7	6983.1	8066.8	8524.8	8578.2
37.5°	8547.6	7463.9	6357.3	5792.6	5945.2	6532.8	7265.5	8379.7	9020.8	9165.8
40°	8883.4	7700.5	6754.2	6273.4	6494.7	7021.3	7586.0	8730.8	9440.6	9639.0
42.5°	9257.4	7952.4	7204.4	6922.1	7257.9	7639.5	7952.4	9051.3	9761.1	9990.1
45°	9623.7	8257.6	7860.8	7807.4	8181.3	8372.1	8311.1	9280.3	10066.4	10295.3
47.5°	9883.2	8700.3	8654.5	8975.0	9326.1	9226.9	8730.8	9448.2	10318.2	10570.1
50°	10119.8	9249.8	9654.3	10280.1	10493.8	10158.0	9181.1	9677.2	10585.3	10867.7
52.5°	10470.9	9837.4	10684.6	11463.0	11669.1	11134.8	9669.5	10051.1	10997.5	11249.3
55°	11188.3	10501.4	11760.6	12653.6	12691.7	12027.8	10325.9	10684.6	11577.5	11867.5
57.5°	11989.6	11318.0	12615.4	13638.1	13622.8	12920.7	11066.1	11539.3	12363.6	12562.0
60°	12714.6	12142.2	13546.5	14340.2	14302.0	13569.4	11928.5	12508.6	13264.1	13416.8
62.5°	13142.0	12890.2	13958.6	14561.5	14416.5	13783.1	12661.2	13371.0	13905.2	13958.6
65°	13073.3	13317.5	13477.8	13851.8	13645.7	13187.8	13019.9	13920.5	13973.9	13920.5
67.5°	12554.4	13073.3	12157.5	12195.7	12088.8	11699.6	12462.8	13775.4	13409.1	13279.4
70°	11768.3	11806.4	10165.6	9684.8	9852.7	9318.5	10692.2	12645.9	12081.2	11920.9
72.5°	10463.2	9990.1	7685.2	7196.8	7448.7	7067.1	8578.2	11020.4	10470.9	9951.9
75°	8776.6	7914.2	5853.6	5159.1	5288.9	5273.6	6647.3	9104.8	8112.6	7593.7
77.5°	6800.0	6166.5	4319.6	4052.5	3915.1	3945.7	4640.2	6769.4	5884.1	5235.4
80°	4968.3	4312.0	3342.7	3495.4	3419.1	3235.9	3251.2	4533.3	4090.7	3701.4
82.5°	3434.3	3068.0	2709.3	3060.4	2877.2	2594.8	2533.8	3266.4	3068.0	2831.4
85°	2304.8	2526.1	2152.2	2343.0	2030.1	1869.8	2381.1	2732.2	2205.6	1969.0
87.5°	1503.5	2312.4	1549.3	1175.3	671.6	900.6	1457.7	1793.5	1030.3	557.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)