

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: P598824

Luminaire Tested: **IFLD-S-SA3A-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: P598824  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-830-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

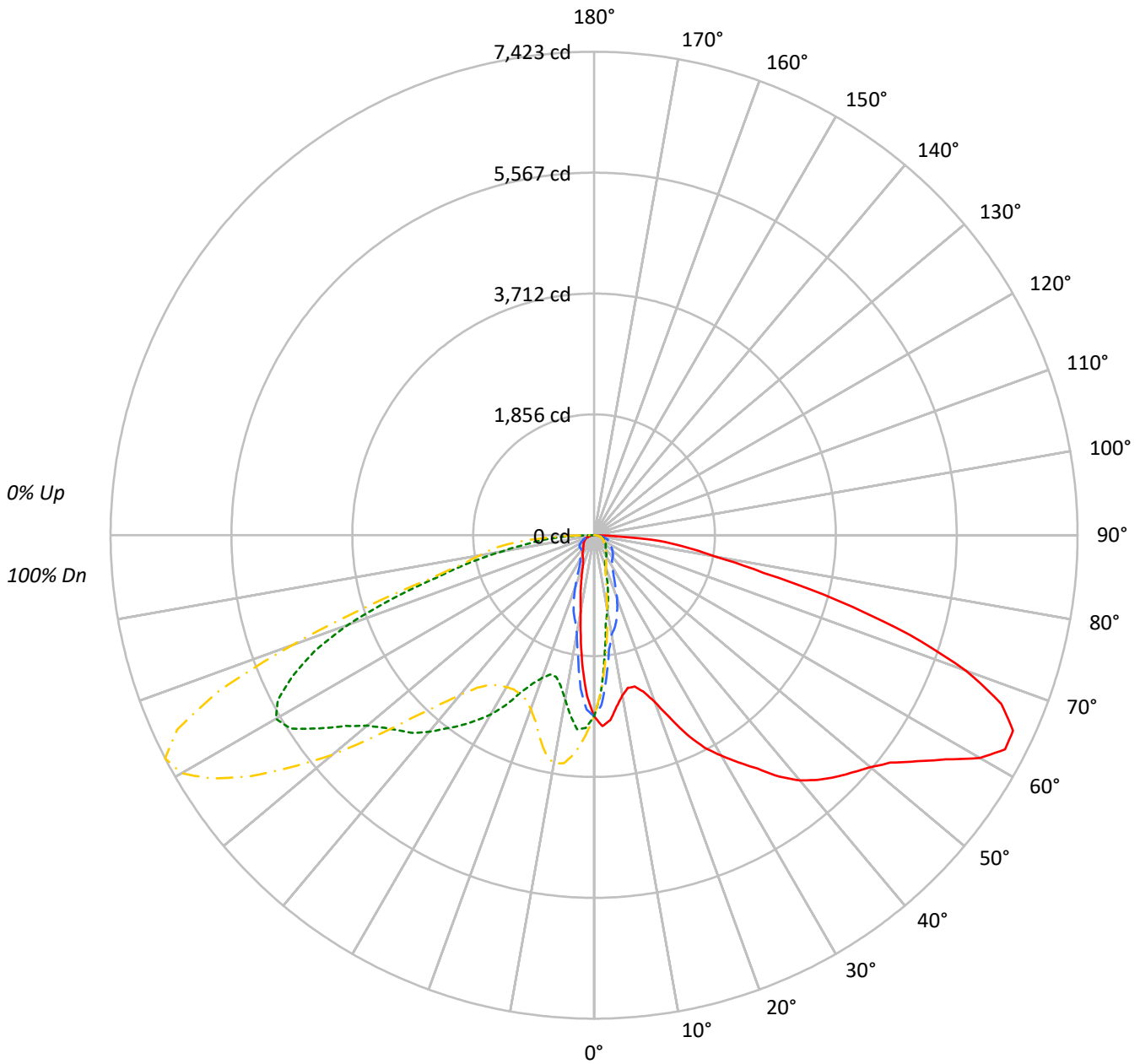
Lumens per Lamp: N/A  
 Luminaire Lumens: 9299.0 lumens  
 Efficiency: N/A  
 Efficacy: 98.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 94.8  
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	

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

	0°	90°	180°	270°
0°	39867	39867	39867	39867
5°	41027	26678	29145	43101
10°	36400	16952	17122	37249
15°	35723	12023	11387	33412
20°	41533	7606	7665	35592
25°	53413	6531	6345	42078
30°	64731	6190	5802	52675
35°	76615	5452	5249	62436
40°	92057	5175	4811	73762
45°	106521	5133	4658	85991
50°	123695	5211	4691	101544
55°	151372	5355	4769	129372
60°	196317	5359	5026	161809
65°	240983	5417	5152	173207
70°	255000	5715	5388	168637
75°	214652	6039	5395	137636
80°	155951	7075	5463	118974
85°	165279	10242	4479	123650

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.0	2.3
10°-20°	449.9	4.8
20°-30°	648.4	7.0
30°-40°	933.4	10.0
40°-50°	1325.8	14.3
50°-60°	1906.2	20.5
60°-70°	2202.2	23.7
70°-80°	1247.0	13.4
80°-90°	371.1	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°	1313.3	14.1
0°-40°	2246.7	24.2
0°-60°	5478.7	58.9
0°-90°	9299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9299.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2778	2778	2778	2778	2778	
5°	2848	1852	2023	2992	2848	258
15°	2404	809	766	2249	2404	707
25°	3373	412	401	2657	3373	1566
35°	4373	311	300	3564	4373	2775
45°	5248	253	230	4237	5248	4064
55°	6050	214	191	5170	6050	5479
65°	7096	160	152	5100	7096	6805
75°	3871	109	97	2482	3871	4107
85°	1004	62	27	751	1004	1000
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°	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8
2.5°	2933.4	2929.5	2906.2	2832.2	2754.4	2680.5	2610.5	2536.6	2497.7	2451.0	2431.5
5°	2847.8	2840.0	2773.9	2610.5	2466.5	2310.9	2178.6	2073.6	1988.0	1902.4	1871.3
7.5°	2653.3	2641.6	2563.8	2338.2	2128.1	1925.8	1766.3	1630.1	1517.3	1466.7	1408.3
10°	2497.7	2478.2	2377.1	2128.1	1855.7	1653.4	1548.4	1455.0	1357.8	1276.1	1190.5
12.5°	2400.4	2377.1	2272.0	1980.2	1715.7	1564.0	1455.0	1350.0	1229.4	1128.2	1034.9
15°	2404.3	2377.1	2248.7	1941.3	1680.7	1486.1	1334.4	1190.5	1050.4	937.6	832.6
17.5°	2517.1	2482.1	2345.9	1995.8	1653.4	1385.0	1182.7	996.0	836.4	715.8	630.3
20°	2719.4	2696.1	2540.5	2077.5	1626.2	1276.1	1027.1	801.4	634.1	540.8	505.8
22.5°	3022.9	2995.6	2828.3	2202.0	1618.4	1178.8	859.8	630.3	509.6	470.7	451.3
25°	3373.0	3322.4	3166.8	2412.1	1634.0	1089.3	723.6	521.3	455.2	427.9	416.3
27.5°	3676.5	3645.3	3470.3	2610.5	1641.8	1019.3	630.3	474.6	424.1	400.7	392.9
30°	3906.0	3894.3	3723.1	2828.3	1622.3	933.7	571.9	455.2	424.1	400.7	377.4
32.5°	4135.5	4139.4	3956.6	2995.6	1595.1	859.8	517.4	404.6	373.5	357.9	361.8
35°	4372.9	4392.3	4236.7	3159.0	1536.7	832.6	478.5	377.4	350.1	326.8	315.1
37.5°	4672.4	4723.0	4571.3	3341.9	1478.4	809.2	459.1	357.9	330.7	311.2	295.7
40°	4913.6	5007.0	4917.5	3513.1	1439.5	782.0	443.5	338.5	319.0	295.7	284.0
42.5°	5092.6	5201.5	5170.4	3645.3	1439.5	754.7	427.9	326.8	311.2	284.0	268.4
45°	5248.2	5361.0	5357.1	3781.5	1470.6	739.2	408.5	326.8	303.5	276.2	260.7
47.5°	5388.3	5501.1	5540.0	3952.7	1521.2	731.4	385.2	319.0	303.5	272.3	249.0
50°	5540.0	5664.5	5781.2	4225.0	1583.4	712.0	369.6	307.3	307.3	268.4	241.2
52.5°	5734.5	5874.6	6088.5	4563.5	1645.7	676.9	346.2	299.6	307.3	264.5	233.4
55°	6049.6	6166.3	6446.5	4968.1	1723.5	634.1	326.8	280.1	291.8	252.9	221.8
57.5°	6403.7	6504.8	6738.2	5279.3	1746.8	579.7	299.6	260.7	280.1	241.2	206.2
60°	6839.4	6890.0	6890.0	5368.8	1669.0	529.1	280.1	245.1	252.9	229.5	194.5
62.5°	7115.6	7115.6	6890.0	5205.4	1521.2	486.3	264.5	229.5	221.8	214.0	182.9
65°	7096.2	7065.0	6730.5	4730.8	1350.0	459.1	249.0	210.1	198.4	194.5	171.2
67.5°	6769.4	6714.9	6259.7	4061.6	1171.0	447.4	233.4	190.6	182.9	175.1	155.6
70°	6076.9	5936.8	5376.6	3268.0	996.0	439.6	229.5	175.1	167.3	159.5	143.9
72.5°	5073.1	4894.2	4197.8	2513.2	836.4	412.4	217.9	155.6	151.7	143.9	128.4
75°	3871.0	3540.3	2929.5	1921.9	649.7	357.9	186.7	136.2	136.2	132.3	116.7
77.5°	2668.8	2497.7	2042.5	1420.0	474.6	276.2	151.7	120.6	120.6	124.5	108.9
80°	1886.9	1727.4	1455.0	1019.3	299.6	186.7	116.7	101.2	112.8	120.6	101.2
82.5°	1443.4	1326.6	1081.5	743.1	175.1	128.4	89.5	81.7	97.3	105.0	85.6
85°	1003.7	863.7	548.6	498.0	101.2	77.8	66.1	66.1	85.6	105.0	77.8
87.5°	284.0	120.6	35.0	147.8	42.8	31.1	23.3	15.6	23.3	23.3	15.6
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°	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8
2.5°	2412.1	2388.7	2388.7	2380.9	2384.8	2388.7	2384.8	2412.1	2423.7	2439.3	2470.4
5°	1851.8	1883.0	1859.6	1883.0	1914.1	1960.8	1972.5	2007.5	2011.4	2038.6	2023.0
7.5°	1373.3	1369.4	1350.0	1377.2	1462.8	1528.9	1560.1	1579.5	1583.4	1583.4	1564.0
10°	1163.2	1128.2	1093.2	1073.8	1081.5	1151.6	1174.9	1186.6	1178.8	1190.5	1174.9
12.5°	996.0	964.8	914.3	879.2	855.9	875.3	898.7	910.4	918.1	937.6	953.2
15°	809.2	778.1	747.0	727.5	708.1	692.5	712.0	723.6	743.1	758.6	766.4
17.5°	614.7	599.1	583.6	595.2	595.2	587.5	595.2	599.1	606.9	618.6	614.7
20°	498.0	494.1	490.2	509.6	525.2	525.2	533.0	521.3	517.4	505.8	501.9
22.5°	443.5	443.5	447.4	463.0	478.5	486.3	486.3	466.9	447.4	439.6	443.5
25°	412.4	412.4	424.1	427.9	435.7	435.7	439.6	420.2	408.5	396.8	400.7
27.5°	389.0	389.0	392.9	392.9	396.8	396.8	400.7	392.9	377.4	373.5	373.5
30°	373.5	373.5	369.6	369.6	369.6	369.6	373.5	361.8	354.0	350.1	350.1
32.5°	357.9	354.0	350.1	350.1	346.2	346.2	350.1	338.5	334.6	334.6	334.6
35°	311.2	307.3	311.2	319.0	319.0	322.9	322.9	319.0	311.2	303.5	299.6
37.5°	291.8	287.9	287.9	287.9	295.7	299.6	303.5	295.7	284.0	272.3	272.3
40°	276.2	276.2	272.3	272.3	272.3	280.1	287.9	276.2	260.7	256.8	256.8
42.5°	264.5	260.7	256.8	252.9	249.0	260.7	268.4	252.9	245.1	245.1	245.1
45°	252.9	249.0	245.1	241.2	237.3	241.2	249.0	233.4	229.5	229.5	229.5
47.5°	241.2	237.3	229.5	225.6	221.8	221.8	229.5	217.9	214.0	217.9	217.9
50°	233.4	225.6	217.9	214.0	210.1	210.1	210.1	206.2	206.2	206.2	210.1
52.5°	225.6	217.9	206.2	202.3	198.4	198.4	198.4	198.4	194.5	198.4	202.3
55°	214.0	206.2	198.4	194.5	190.6	186.7	190.6	186.7	186.7	190.6	190.6
57.5°	198.4	190.6	182.9	182.9	179.0	179.0	182.9	179.0	179.0	182.9	182.9
60°	186.7	179.0	171.2	171.2	167.3	171.2	175.1	171.2	171.2	171.2	175.1
62.5°	171.2	167.3	159.5	159.5	159.5	159.5	163.4	159.5	163.4	163.4	163.4
65°	159.5	151.7	147.8	147.8	147.8	147.8	155.6	147.8	151.7	151.7	151.7
67.5°	147.8	140.1	136.2	136.2	136.2	136.2	143.9	136.2	140.1	143.9	140.1
70°	136.2	128.4	124.5	124.5	124.5	124.5	128.4	124.5	124.5	128.4	128.4
72.5°	120.6	116.7	112.8	112.8	108.9	112.8	116.7	112.8	112.8	112.8	112.8
75°	108.9	105.0	105.0	101.2	101.2	101.2	105.0	97.3	97.3	97.3	97.3
77.5°	101.2	93.4	93.4	93.4	89.5	93.4	89.5	81.7	81.7	81.7	81.7
80°	85.6	77.8	81.7	81.7	77.8	77.8	73.9	66.1	66.1	66.1	66.1
82.5°	70.0	62.2	66.1	66.1	66.1	66.1	58.4	54.5	50.6	46.7	46.7
85°	62.2	50.6	58.4	58.4	54.5	54.5	38.9	38.9	31.1	31.1	27.2
87.5°	11.7	7.8	15.6	19.5	19.5	23.3	15.6	19.5	11.7	7.8	7.8
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8
2.5°	2466.5	2509.3	2567.7	2610.5	2676.6	2727.2	2805.0	2871.1	2933.4	2960.6	2987.9
5°	2069.7	2096.9	2186.4	2256.5	2361.5	2474.3	2614.4	2766.1	2921.7	2991.7	3073.4
7.5°	1548.4	1599.0	1649.5	1750.7	1879.1	2061.9	2240.9	2466.5	2684.4	2789.4	2929.5
10°	1202.1	1241.0	1299.4	1404.4	1525.1	1676.8	1890.8	2159.2	2419.9	2556.0	2700.0
12.5°	964.8	1019.3	1097.1	1206.0	1346.1	1501.7	1657.3	1906.3	2209.8	2365.4	2528.8
15°	782.0	824.8	910.4	1046.5	1209.9	1369.4	1532.8	1739.0	2069.7	2248.7	2443.2
17.5°	622.5	653.6	731.4	867.6	1031.0	1209.9	1396.7	1657.3	2023.0	2240.9	2470.4
20°	505.8	529.1	579.7	680.8	836.4	1031.0	1264.4	1579.5	2050.3	2330.4	2610.5
22.5°	443.5	451.3	474.6	529.1	657.5	863.7	1143.8	1513.4	2100.8	2462.6	2840.0
25°	400.7	408.5	416.3	451.3	525.2	719.7	1038.7	1474.5	2209.8	2657.2	3104.6
27.5°	373.5	381.3	385.2	400.7	451.3	614.7	949.3	1451.1	2357.6	2941.2	3431.4
30°	350.1	350.1	361.8	385.2	420.2	540.8	871.5	1396.7	2513.2	3178.5	3688.1
32.5°	330.7	334.6	350.1	361.8	385.2	478.5	793.6	1326.6	2653.3	3373.0	3941.0
35°	295.7	295.7	299.6	319.0	350.1	427.9	723.6	1256.6	2731.1	3563.6	4166.7
37.5°	272.3	276.2	284.0	299.6	326.8	392.9	665.3	1178.8	2812.8	3742.6	4431.2
40°	256.8	260.7	268.4	284.0	311.2	361.8	614.7	1116.6	2898.4	3937.1	4715.2
42.5°	245.1	249.0	256.8	272.3	295.7	354.0	560.2	1066.0	2949.0	4116.1	4983.7
45°	233.4	237.3	249.0	264.5	284.0	346.2	529.1	1031.0	2968.4	4236.7	5197.6
47.5°	221.8	225.6	237.3	260.7	284.0	334.6	517.4	1011.5	2984.0	4372.9	5368.8
50°	210.1	217.9	233.4	256.8	287.9	319.0	509.6	1007.6	3073.4	4547.9	5532.2
52.5°	202.3	214.0	229.5	256.8	284.0	295.7	505.8	1019.3	3252.4	4808.6	5765.6
55°	194.5	206.2	221.8	256.8	272.3	276.2	486.3	1038.7	3524.7	5170.4	6096.3
57.5°	186.7	194.5	214.0	249.0	256.8	260.7	447.4	1066.0	3797.1	5524.4	6434.8
60°	175.1	182.9	202.3	249.0	233.4	245.1	396.8	1073.8	3991.6	5637.2	6465.9
62.5°	163.4	171.2	190.6	256.8	214.0	229.5	354.0	1046.5	4030.5	5473.8	6290.8
65°	151.7	159.5	175.1	214.0	198.4	214.0	326.8	972.6	3902.1	5100.4	5971.8
67.5°	140.1	147.8	159.5	175.1	179.0	194.5	315.1	855.9	3579.2	4637.4	5536.1
70°	124.5	132.3	143.9	155.6	159.5	182.9	295.7	743.1	3057.9	4018.8	5003.1
72.5°	112.8	116.7	128.4	136.2	143.9	167.3	284.0	649.7	2338.2	3252.4	4081.1
75°	97.3	97.3	108.9	116.7	124.5	147.8	260.7	540.8	1649.5	2482.1	2999.5
77.5°	81.7	81.7	89.5	97.3	105.0	128.4	221.8	439.6	1143.8	1968.6	2174.8
80°	62.2	62.2	70.0	77.8	85.6	108.9	179.0	322.9	708.1	1439.5	1583.4
82.5°	42.8	42.8	54.5	58.4	62.2	85.6	136.2	221.8	416.3	1038.7	1132.1
85°	23.3	23.3	31.1	35.0	42.8	62.2	101.2	155.6	249.0	750.9	754.7
87.5°	3.9	3.9	11.7	11.7	19.5	31.1	58.4	85.6	140.1	416.3	264.5
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: P598824  
 CATALOG NUMBER: IFLD-S-SA3A-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8	2777.8
2.5°	3038.4	3081.2	3085.1	3085.1	3065.7	3069.6	3015.1	2956.7	2937.3	2933.4
5°	3197.9	3310.8	3341.9	3357.4	3306.9	3229.1	3089.0	2937.3	2859.5	2847.8
7.5°	3166.8	3392.5	3513.1	3528.6	3427.5	3244.6	2999.5	2766.1	2676.6	2653.3
10°	2984.0	3287.4	3505.3	3559.8	3450.8	3217.4	2898.4	2626.0	2517.1	2497.7
12.5°	2855.6	3147.4	3361.3	3435.3	3384.7	3182.4	2847.8	2536.6	2427.6	2400.4
15°	2785.6	3054.0	3194.0	3217.4	3213.5	3127.9	2847.8	2556.0	2435.4	2404.3
17.5°	2843.9	3026.8	3046.2	2991.7	3022.9	3065.7	2910.0	2661.1	2544.3	2517.1
20°	2960.6	3015.1	2921.7	2840.0	2855.6	2991.7	3007.3	2859.5	2766.1	2719.4
22.5°	3205.7	3057.9	2843.9	2731.1	2742.8	2933.4	3135.7	3127.9	3046.2	3022.9
25°	3454.7	3178.5	2820.6	2688.3	2703.9	2921.7	3287.4	3427.5	3384.7	3373.0
27.5°	3730.9	3380.8	2836.1	2668.8	2688.3	2937.3	3392.5	3680.4	3688.1	3676.5
30°	3917.7	3478.1	2882.8	2692.2	2719.4	2976.2	3415.8	3832.1	3902.1	3906.0
32.5°	4073.3	3575.3	2980.1	2731.1	2777.8	3046.2	3478.1	3976.0	4131.6	4135.5
35°	4197.8	3684.2	3100.7	2801.1	2871.1	3162.9	3559.8	4112.2	4345.6	4372.9
37.5°	4357.3	3804.8	3240.7	2952.8	3030.7	3330.2	3703.7	4271.7	4598.5	4672.4
40°	4528.5	3925.5	3443.0	3197.9	3310.8	3579.2	3867.1	4450.7	4812.5	4913.6
42.5°	4719.1	4053.8	3672.6	3528.6	3699.8	3894.3	4053.8	4614.1	4975.9	5092.6
45°	4905.8	4209.5	4007.2	3979.9	4170.5	4267.8	4236.7	4730.8	5131.5	5248.2
47.5°	5038.1	4435.1	4411.8	4575.2	4754.1	4703.5	4450.7	4816.4	5259.9	5388.3
50°	5158.7	4715.2	4921.4	5240.4	5349.4	5178.2	4680.2	4933.1	5396.0	5540.0
52.5°	5337.7	5014.8	5446.6	5843.4	5948.5	5676.1	4929.2	5123.7	5606.1	5734.5
55°	5703.4	5353.2	5995.2	6450.3	6469.8	6131.3	5263.8	5446.6	5901.8	6049.6
57.5°	6111.9	5769.5	6430.9	6952.2	6944.4	6586.5	5641.1	5882.3	6302.5	6403.7
60°	6481.5	6189.7	6905.5	7310.1	7290.7	6917.2	6080.8	6376.4	6761.6	6839.4
62.5°	6699.3	6570.9	7115.6	7423.0	7349.0	7026.1	6454.2	6816.0	7088.4	7115.6
65°	6664.3	6788.8	6870.5	7061.1	6956.1	6722.7	6637.1	7096.2	7123.4	7096.2
67.5°	6399.8	6664.3	6197.5	6216.9	6162.5	5964.0	6353.1	7022.2	6835.5	6769.4
70°	5999.1	6018.5	5182.1	4937.0	5022.6	4750.2	5450.5	6446.5	6158.6	6076.9
72.5°	5333.8	5092.6	3917.7	3668.7	3797.1	3602.5	4372.9	5617.8	5337.7	5073.1
75°	4474.0	4034.4	2984.0	2629.9	2696.1	2688.3	3388.6	4641.3	4135.5	3871.0
77.5°	3466.4	3143.5	2202.0	2065.8	1995.8	2011.4	2365.4	3450.8	2999.5	2668.8
80°	2532.7	2198.1	1704.0	1781.8	1742.9	1649.5	1657.3	2310.9	2085.3	1886.9
82.5°	1750.7	1564.0	1381.1	1560.1	1466.7	1322.7	1291.6	1665.1	1564.0	1443.4
85°	1174.9	1287.7	1097.1	1194.4	1034.9	953.2	1213.8	1392.8	1124.3	1003.7
87.5°	766.4	1178.8	789.8	599.1	342.4	459.1	743.1	914.3	525.2	284.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)