

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: P598822

Luminaire Tested: **IFLD-S-SA2D-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: P598822
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-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

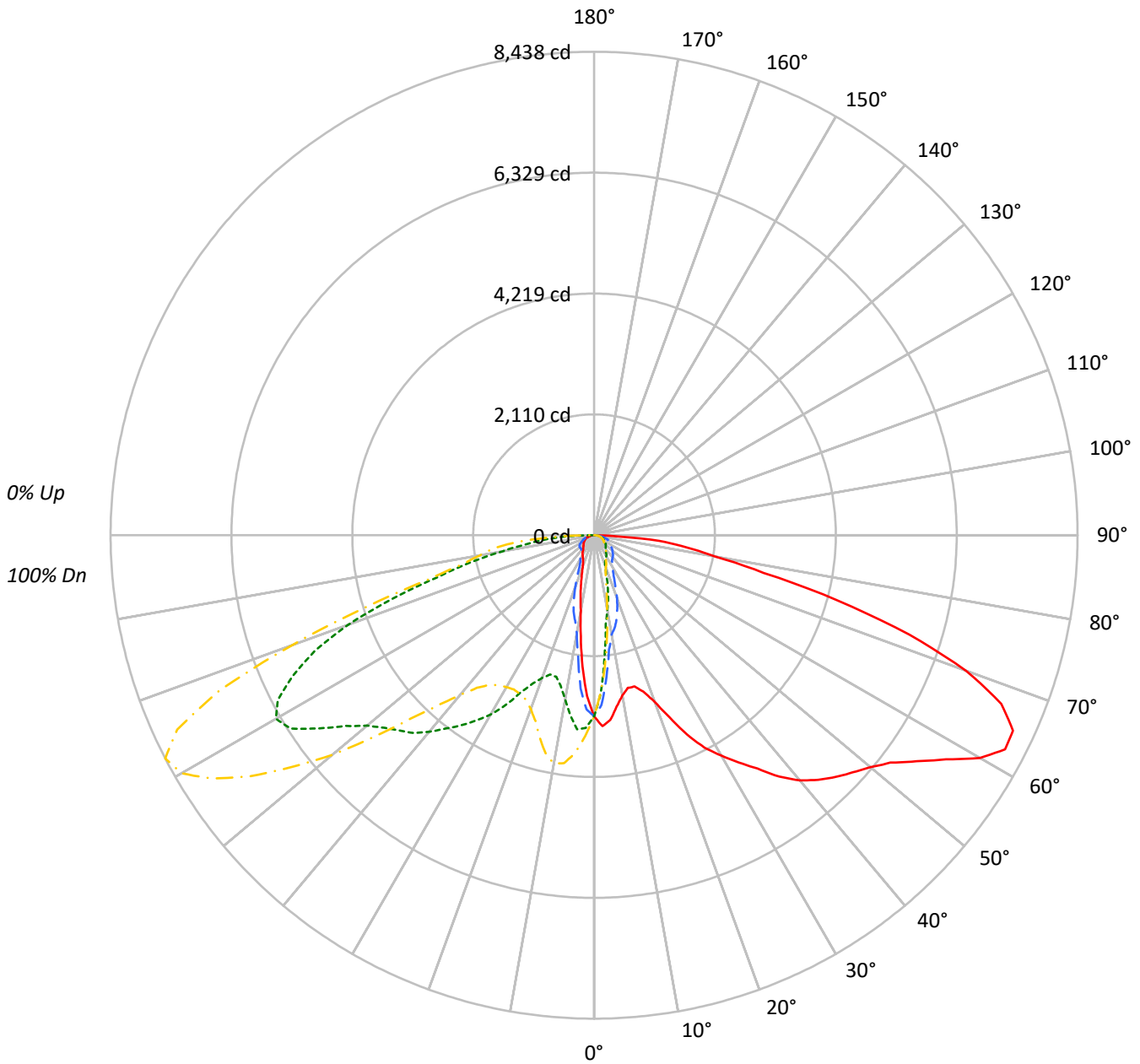
Lumens per Lamp: N/A
 Luminaire Lumens: 10570.3 lumens
 Efficiency: N/A
 Efficacy: 85.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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	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°	67974	67974	67974	67974
5°	69954	45489	49695	73492
10°	62063	28905	29194	63514
15°	60911	20500	19417	56968
20°	70818	12969	13070	60687
25°	91075	11136	10820	71745
30°	110370	10552	9894	89813
35°	130633	9298	8949	106458
40°	156964	8824	8203	125770
45°	181625	8753	7943	146620
50°	210908	8885	7998	173140
55°	258101	9128	8133	220591
60°	334732	9141	8568	275896
65°	410891	9235	8787	295330
70°	434792	9744	9183	287543
75°	365996	10297	9199	234676
80°	265899	12063	9323	202858
85°	281832	17488	7657	210818

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.4	2.3
10°-20°	511.4	4.8
20°-30°	737.0	7.0
30°-40°	1061.0	10.0
40°-50°	1507.1	14.3
50°-60°	2166.8	20.5
60°-70°	2503.3	23.7
70°-80°	1417.4	13.4
80°-90°	421.8	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°	1492.8	14.1
0°-40°	2553.8	24.2
0°-60°	6227.7	58.9
0°-90°	10570.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10570.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3158	3158	3158	3158	3158	
5°	3237	2105	2300	3401	3237	294
15°	2733	920	871	2556	2733	804
25°	3834	469	456	3020	3834	1780
35°	4971	354	340	4051	4971	3155
45°	5966	288	261	4816	5966	4619
55°	6877	243	217	5877	6877	6228
65°	8066	181	172	5798	8066	7735
75°	4400	124	111	2821	4400	4669
85°	1141	71	31	854	1141	1136
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°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	3334.4	3330.0	3303.5	3219.4	3131.0	3047.0	2967.4	2883.4	2839.1	2786.1	2763.9
5°	3237.1	3228.3	3153.1	2967.4	2803.8	2626.9	2476.5	2357.1	2259.8	2162.5	2127.1
7.5°	3016.0	3002.8	2914.3	2657.8	2419.0	2189.0	2007.7	1853.0	1724.7	1667.2	1600.9
10°	2839.1	2817.0	2702.0	2419.0	2109.4	1879.5	1760.1	1653.9	1543.4	1450.5	1353.2
12.5°	2728.6	2702.0	2582.6	2251.0	1950.2	1777.8	1653.9	1534.5	1397.5	1282.5	1176.3
15°	2733.0	2702.0	2556.1	2206.7	1910.4	1689.3	1516.9	1353.2	1194.0	1065.8	946.4
17.5°	2861.2	2821.4	2666.7	2268.6	1879.5	1574.3	1344.4	1132.1	950.8	813.7	716.4
20°	3091.2	3064.7	2887.8	2361.5	1848.5	1450.5	1167.5	911.0	720.8	614.7	574.9
22.5°	3436.1	3405.2	3215.0	2503.0	1839.7	1340.0	977.3	716.4	579.3	535.1	513.0
25°	3834.2	3776.7	3599.8	2741.8	1857.4	1238.2	822.6	592.6	517.4	486.5	473.2
27.5°	4179.1	4143.7	3944.7	2967.4	1866.2	1158.6	716.4	539.5	482.0	455.5	446.7
30°	4440.0	4426.7	4232.2	3215.0	1844.1	1061.4	650.1	517.4	482.0	455.5	429.0
32.5°	4700.9	4705.3	4497.5	3405.2	1813.2	977.3	588.2	459.9	424.5	406.9	411.3
35°	4970.7	4992.8	4815.9	3590.9	1746.8	946.4	543.9	429.0	398.0	371.5	358.2
37.5°	5311.2	5368.7	5196.2	3798.8	1680.5	919.8	521.8	406.9	375.9	353.8	336.1
40°	5585.4	5691.5	5589.8	3993.4	1636.3	888.9	504.1	384.7	362.6	336.1	322.8
42.5°	5788.8	5912.6	5877.3	4143.7	1636.3	857.9	486.5	371.5	353.8	322.8	305.1
45°	5965.7	6094.0	6089.5	4298.5	1671.6	840.2	464.3	371.5	344.9	314.0	296.3
47.5°	6124.9	6253.2	6297.4	4493.1	1729.1	831.4	437.8	362.6	344.9	309.6	283.0
50°	6297.4	6438.9	6571.6	4802.6	1799.9	809.3	420.1	349.4	349.4	305.1	274.2
52.5°	6518.5	6677.7	6920.9	5187.4	1870.6	769.5	393.6	340.5	349.4	300.7	265.3
55°	6876.7	7009.4	7327.8	5647.3	1959.1	720.8	371.5	318.4	331.7	287.5	252.1
57.5°	7279.1	7394.1	7659.5	6001.1	1985.6	658.9	340.5	296.3	318.4	274.2	234.4
60°	7774.4	7831.9	7831.9	6102.8	1897.2	601.4	318.4	278.6	287.5	260.9	221.1
62.5°	8088.4	8088.4	7831.9	5917.1	1729.1	552.8	300.7	260.9	252.1	243.2	207.8
65°	8066.3	8030.9	7650.6	5377.5	1534.5	521.8	283.0	238.8	225.5	221.1	194.6
67.5°	7694.8	7632.9	7115.5	4616.9	1331.1	508.6	265.3	216.7	207.8	199.0	176.9
70°	6907.7	6748.5	6111.6	3714.7	1132.1	499.7	260.9	199.0	190.2	181.3	163.6
72.5°	5766.7	5563.3	4771.7	2856.8	950.8	468.8	247.6	176.9	172.5	163.6	145.9
75°	4400.2	4024.3	3330.0	2184.6	738.5	406.9	212.3	154.8	154.8	150.4	132.7
77.5°	3033.7	2839.1	2321.7	1614.1	539.5	314.0	172.5	137.1	137.1	141.5	123.8
80°	2144.8	1963.5	1653.9	1158.6	340.5	212.3	132.7	115.0	128.2	137.1	115.0
82.5°	1640.7	1508.0	1229.4	844.7	199.0	145.9	101.7	92.9	110.6	119.4	97.3
85°	1141.0	981.8	623.5	566.1	115.0	88.4	75.2	75.2	97.3	119.4	88.4
87.5°	322.8	137.1	39.8	168.0	48.6	35.4	26.5	17.7	26.5	26.5	17.7
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°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	2741.8	2715.3	2715.3	2706.5	2710.9	2715.3	2710.9	2741.8	2755.1	2772.8	2808.2
5°	2105.0	2140.4	2113.9	2140.4	2175.8	2228.8	2242.1	2281.9	2286.3	2317.3	2299.6
7.5°	1561.1	1556.7	1534.5	1565.5	1662.8	1738.0	1773.4	1795.5	1799.9	1799.9	1777.8
10°	1322.3	1282.5	1242.7	1220.6	1229.4	1309.0	1335.5	1348.8	1340.0	1353.2	1335.5
12.5°	1132.1	1096.7	1039.2	999.4	972.9	995.0	1021.6	1034.8	1043.7	1065.8	1083.5
15°	919.8	884.5	849.1	827.0	804.9	787.2	809.3	822.6	844.7	862.4	871.2
17.5°	698.7	681.0	663.3	676.6	676.6	667.8	676.6	681.0	689.9	703.1	698.7
20°	566.1	561.6	557.2	579.3	597.0	597.0	605.9	592.6	588.2	574.9	570.5
22.5°	504.1	504.1	508.6	526.3	543.9	552.8	552.8	530.7	508.6	499.7	504.1
25°	468.8	468.8	482.0	486.5	495.3	495.3	499.7	477.6	464.3	451.1	455.5
27.5°	442.2	442.2	446.7	446.7	451.1	451.1	455.5	446.7	429.0	424.5	424.5
30°	424.5	424.5	420.1	420.1	420.1	420.1	424.5	411.3	402.4	398.0	398.0
32.5°	406.9	402.4	398.0	398.0	393.6	393.6	398.0	384.7	380.3	380.3	380.3
35°	353.8	349.4	353.8	362.6	362.6	367.1	367.1	362.6	353.8	344.9	340.5
37.5°	331.7	327.3	327.3	327.3	336.1	340.5	344.9	336.1	322.8	309.6	309.6
40°	314.0	314.0	309.6	309.6	309.6	318.4	327.3	314.0	296.3	291.9	291.9
42.5°	300.7	296.3	291.9	287.5	283.0	296.3	305.1	287.5	278.6	278.6	278.6
45°	287.5	283.0	278.6	274.2	269.8	274.2	283.0	265.3	260.9	260.9	260.9
47.5°	274.2	269.8	260.9	256.5	252.1	252.1	260.9	247.6	243.2	247.6	247.6
50°	265.3	256.5	247.6	243.2	238.8	238.8	238.8	234.4	234.4	234.4	238.8
52.5°	256.5	247.6	234.4	230.0	225.5	225.5	225.5	225.5	221.1	225.5	230.0
55°	243.2	234.4	225.5	221.1	216.7	212.3	216.7	212.3	212.3	216.7	216.7
57.5°	225.5	216.7	207.8	207.8	203.4	203.4	207.8	203.4	203.4	207.8	207.8
60°	212.3	203.4	194.6	194.6	190.2	194.6	199.0	194.6	194.6	194.6	199.0
62.5°	194.6	190.2	181.3	181.3	181.3	181.3	185.7	181.3	185.7	185.7	185.7
65°	181.3	172.5	168.0	168.0	168.0	168.0	176.9	168.0	172.5	172.5	172.5
67.5°	168.0	159.2	154.8	154.8	154.8	154.8	163.6	154.8	159.2	163.6	159.2
70°	154.8	145.9	141.5	141.5	141.5	141.5	145.9	141.5	141.5	145.9	145.9
72.5°	137.1	132.7	128.2	128.2	123.8	128.2	132.7	128.2	128.2	128.2	128.2
75°	123.8	119.4	119.4	115.0	115.0	115.0	119.4	110.6	110.6	110.6	110.6
77.5°	115.0	106.1	106.1	106.1	101.7	106.1	101.7	92.9	92.9	92.9	92.9
80°	97.3	88.4	92.9	92.9	88.4	88.4	84.0	75.2	75.2	75.2	75.2
82.5°	79.6	70.8	75.2	75.2	75.2	75.2	66.3	61.9	57.5	53.1	53.1
85°	70.8	57.5	66.3	66.3	61.9	61.9	44.2	44.2	35.4	35.4	31.0
87.5°	13.3	8.8	17.7	22.1	22.1	26.5	17.7	22.1	13.3	8.8	8.8
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°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	2803.8	2852.4	2918.7	2967.4	3042.6	3100.0	3188.5	3263.7	3334.4	3365.4	3396.3
5°	2352.7	2383.6	2485.3	2564.9	2684.3	2812.6	2971.8	3144.3	3321.2	3400.8	3493.6
7.5°	1760.1	1817.6	1875.1	1990.0	2136.0	2343.8	2547.3	2803.8	3051.4	3170.8	3330.0
10°	1366.5	1410.7	1477.1	1596.5	1733.5	1906.0	2149.2	2454.4	2750.7	2905.5	3069.1
12.5°	1096.7	1158.6	1247.1	1370.9	1530.1	1707.0	1883.9	2166.9	2511.9	2688.8	2874.5
15°	888.9	937.5	1034.8	1189.6	1375.3	1556.7	1742.4	1976.8	2352.7	2556.1	2777.2
17.5°	707.6	742.9	831.4	986.2	1171.9	1375.3	1587.6	1883.9	2299.6	2547.3	2808.2
20°	574.9	601.4	658.9	773.9	950.8	1171.9	1437.3	1795.5	2330.6	2649.0	2967.4
22.5°	504.1	513.0	539.5	601.4	747.4	981.8	1300.2	1720.3	2388.1	2799.3	3228.3
25°	455.5	464.3	473.2	513.0	597.0	818.1	1180.8	1676.1	2511.9	3020.4	3529.0
27.5°	424.5	433.4	437.8	455.5	513.0	698.7	1079.0	1649.5	2679.9	3343.3	3900.5
30°	398.0	398.0	411.3	437.8	477.6	614.7	990.6	1587.6	2856.8	3613.0	4192.4
32.5°	375.9	380.3	398.0	411.3	437.8	543.9	902.2	1508.0	3016.0	3834.2	4479.8
35°	336.1	336.1	340.5	362.6	398.0	486.5	822.6	1428.4	3104.5	4050.8	4736.3
37.5°	309.6	314.0	322.8	340.5	371.5	446.7	756.2	1340.0	3197.3	4254.3	5037.0
40°	291.9	296.3	305.1	322.8	353.8	411.3	698.7	1269.2	3294.6	4475.4	5359.9
42.5°	278.6	283.0	291.9	309.6	336.1	402.4	636.8	1211.7	3352.1	4678.8	5665.0
45°	265.3	269.8	283.0	300.7	322.8	393.6	601.4	1171.9	3374.2	4815.9	5908.2
47.5°	252.1	256.5	269.8	296.3	322.8	380.3	588.2	1149.8	3391.9	4970.7	6102.8
50°	238.8	247.6	265.3	291.9	327.3	362.6	579.3	1145.4	3493.6	5169.7	6288.5
52.5°	230.0	243.2	260.9	291.9	322.8	336.1	574.9	1158.6	3697.1	5466.0	6553.9
55°	221.1	234.4	252.1	291.9	309.6	314.0	552.8	1180.8	4006.6	5877.3	6929.8
57.5°	212.3	221.1	243.2	283.0	291.9	296.3	508.6	1211.7	4316.2	6279.7	7314.5
60°	199.0	207.8	230.0	283.0	265.3	278.6	451.1	1220.6	4537.3	6407.9	7349.9
62.5°	185.7	194.6	216.7	291.9	243.2	260.9	402.4	1189.6	4581.5	6222.2	7150.9
65°	172.5	181.3	199.0	243.2	225.5	243.2	371.5	1105.6	4435.6	5797.7	6788.3
67.5°	159.2	168.0	181.3	199.0	203.4	221.1	358.2	972.9	4068.5	5271.4	6293.0
70°	141.5	150.4	163.6	176.9	181.3	207.8	336.1	844.7	3475.9	4568.3	5687.1
72.5°	128.2	132.7	145.9	154.8	163.6	190.2	322.8	738.5	2657.8	3697.1	4639.0
75°	110.6	110.6	123.8	132.7	141.5	168.0	296.3	614.7	1875.1	2821.4	3409.6
77.5°	92.9	92.9	101.7	110.6	119.4	145.9	252.1	499.7	1300.2	2237.7	2472.1
80°	70.8	70.8	79.6	88.4	97.3	123.8	203.4	367.1	804.9	1636.3	1799.9
82.5°	48.6	48.6	61.9	66.3	70.8	97.3	154.8	252.1	473.2	1180.8	1286.9
85°	26.5	26.5	35.4	39.8	48.6	70.8	115.0	176.9	283.0	853.5	857.9
87.5°	4.4	4.4	13.3	13.3	22.1	35.4	66.3	97.3	159.2	473.2	300.7
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: P598822
 CATALOG NUMBER: IFLD-S-SA2D-830-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5	3157.5
2.5°	3453.8	3502.5	3506.9	3506.9	3484.8	3489.2	3427.3	3361.0	3338.9	3334.4
5°	3635.1	3763.4	3798.8	3816.5	3759.0	3670.5	3511.3	3338.9	3250.4	3237.1
7.5°	3599.8	3856.3	3993.4	4011.0	3896.1	3688.2	3409.6	3144.3	3042.6	3016.0
10°	3391.9	3736.9	3984.5	4046.4	3922.6	3657.3	3294.6	2985.1	2861.2	2839.1
12.5°	3246.0	3577.7	3820.9	3904.9	3847.4	3617.5	3237.1	2883.4	2759.5	2728.6
15°	3166.4	3471.5	3630.7	3657.3	3652.8	3555.5	3237.1	2905.5	2768.4	2733.0
17.5°	3232.7	3440.6	3462.7	3400.8	3436.1	3484.8	3307.9	3024.9	2892.2	2861.2
20°	3365.4	3427.3	3321.2	3228.3	3246.0	3400.8	3418.5	3250.4	3144.3	3091.2
22.5°	3644.0	3475.9	3232.7	3104.5	3117.7	3334.4	3564.4	3555.5	3462.7	3436.1
25°	3927.0	3613.0	3206.2	3055.8	3073.5	3321.2	3736.9	3896.1	3847.4	3834.2
27.5°	4241.0	3843.0	3223.9	3033.7	3055.8	3338.9	3856.3	4183.5	4192.4	4179.1
30°	4453.3	3953.6	3276.9	3060.2	3091.2	3383.1	3882.8	4356.0	4435.6	4440.0
32.5°	4630.2	4064.1	3387.5	3104.5	3157.5	3462.7	3953.6	4519.6	4696.5	4700.9
35°	4771.7	4187.9	3524.6	3184.1	3263.7	3595.3	4046.4	4674.4	4939.7	4970.7
37.5°	4953.0	4325.0	3683.8	3356.5	3445.0	3785.5	4210.0	4855.7	5227.2	5311.2
40°	5147.6	4462.1	3913.8	3635.1	3763.4	4068.5	4395.8	5059.1	5470.4	5585.4
42.5°	5364.3	4608.1	4174.7	4011.0	4205.6	4426.7	4608.1	5244.9	5656.1	5788.8
45°	5576.5	4784.9	4555.0	4524.0	4740.7	4851.3	4815.9	5377.5	5833.0	5965.7
47.5°	5726.9	5041.4	5014.9	5200.6	5404.1	5346.6	5059.1	5474.8	5979.0	6124.9
50°	5864.0	5359.9	5594.2	5956.9	6080.7	5886.1	5320.1	5607.5	6133.8	6297.4
52.5°	6067.4	5700.4	6191.2	6642.3	6761.7	6452.2	5603.1	5824.2	6372.6	6518.5
55°	6483.1	6085.1	6814.8	7332.2	7354.3	6969.6	5983.4	6191.2	6708.7	6876.7
57.5°	6947.5	6558.3	7310.1	7902.7	7893.8	7487.0	6412.4	6686.5	7164.2	7279.1
60°	7367.6	7035.9	7849.6	8309.5	8287.4	7862.9	6912.1	7248.2	7686.0	7774.4
62.5°	7615.2	7469.3	8088.4	8437.8	8353.8	7986.7	7336.6	7747.9	8057.5	8088.4
65°	7575.4	7716.9	7809.8	8026.5	7907.1	7641.8	7544.5	8066.3	8097.3	8066.3
67.5°	7274.7	7575.4	7044.8	7066.9	7005.0	6779.4	7221.6	7982.3	7770.0	7694.8
70°	6819.2	6841.3	5890.5	5611.9	5709.2	5399.7	6195.7	7327.8	7000.5	6907.7
72.5°	6063.0	5788.8	4453.3	4170.2	4316.2	4095.1	4970.7	6385.8	6067.4	5766.7
75°	5085.7	4585.9	3391.9	2989.5	3064.7	3055.8	3851.8	5275.8	4700.9	4400.2
77.5°	3940.3	3573.2	2503.0	2348.3	2268.6	2286.3	2688.8	3922.6	3409.6	3033.7
80°	2878.9	2498.6	1937.0	2025.4	1981.2	1875.1	1883.9	2626.9	2370.4	2144.8
82.5°	1990.0	1777.8	1569.9	1773.4	1667.2	1503.6	1468.2	1892.8	1777.8	1640.7
85°	1335.5	1463.8	1247.1	1357.7	1176.3	1083.5	1379.8	1583.2	1278.1	1141.0
87.5°	871.2	1340.0	897.7	681.0	389.2	521.8	844.7	1039.2	597.0	322.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)