

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: P598733

Luminaire Tested: **IFLD-S-SA2B-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598733
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-750-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

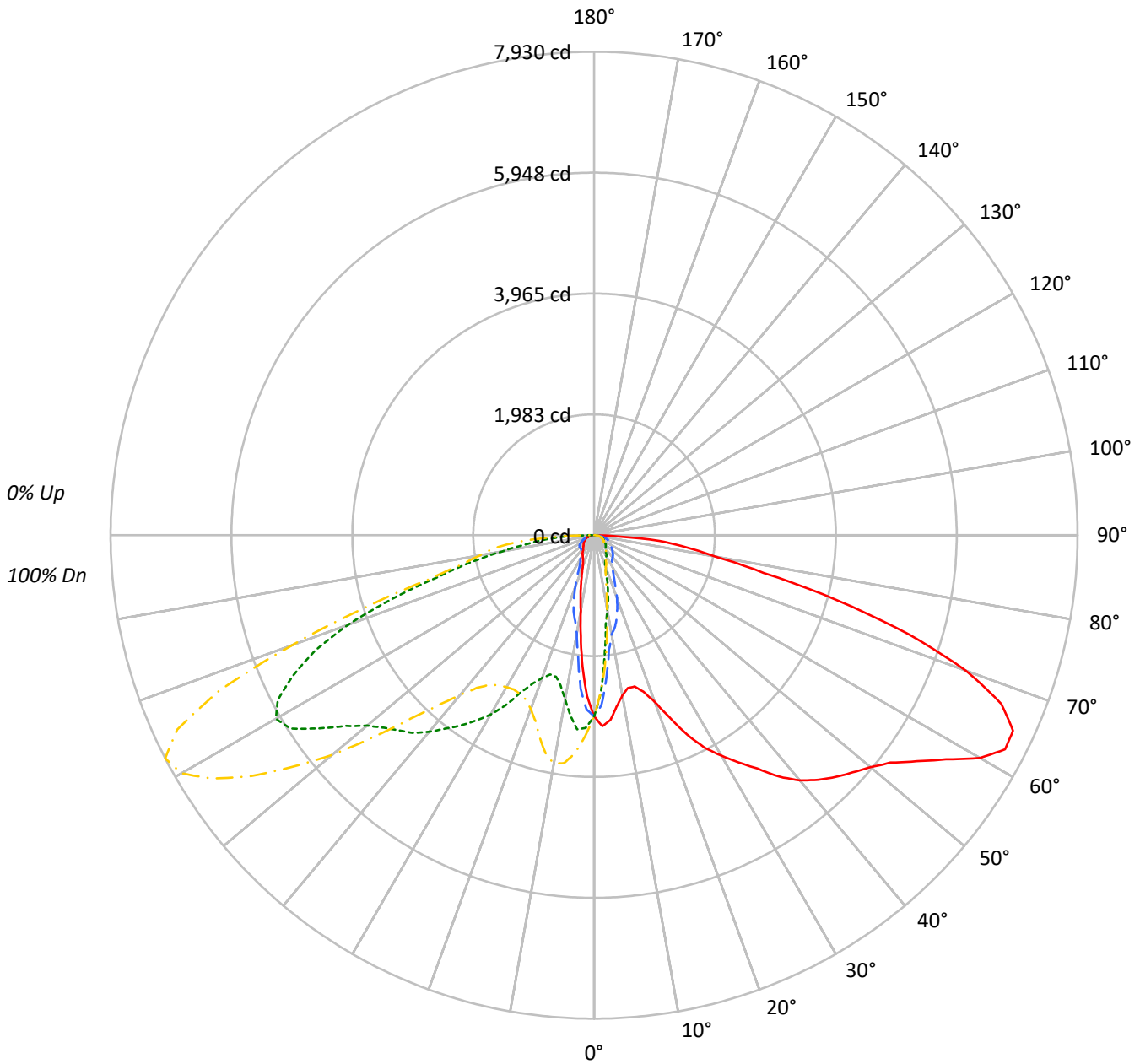
Lumens per Lamp: N/A
 Luminaire Lumens: 9934.1 lumens
 Efficiency: N/A
 Efficacy: 120.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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	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°	63884	63884	63884	63884
5°	65744	42751	46704	69068
10°	58329	27165	27439	59691
15°	57245	19267	18249	53541
20°	66557	12188	12282	57033
25°	85593	10466	10169	67429
30°	103728	9918	9299	84408
35°	122770	8738	8410	100050
40°	147516	8293	7709	118199
45°	170696	8226	7465	137797
50°	198215	8353	7515	162721
55°	242566	8580	7645	207311
60°	314586	8590	8051	259294
65°	386160	8680	8257	277552
70°	408621	9158	8636	270234
75°	343971	9682	8642	220553
80°	249894	11331	8765	190647
85°	264863	16426	7188	198122

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.7	2.3
10°-20°	480.6	4.8
20°-30°	692.7	7.0
30°-40°	997.2	10.0
40°-50°	1416.4	14.3
50°-60°	2036.4	20.5
60°-70°	2352.7	23.7
70°-80°	1332.1	13.4
80°-90°	396.4	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°	1403.0	14.1
0°-40°	2400.1	24.2
0°-60°	5852.9	58.9
0°-90°	9934.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9934.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2968	2968	2968	2968	2968	
5°	3042	1978	2161	3196	3042	276
15°	2568	864	819	2402	2568	755
25°	3603	441	428	2839	3603	1673
35°	4672	332	320	3807	4672	2965
45°	5607	270	245	4526	5607	4341
55°	6463	229	204	5524	6463	5853
65°	7581	170	162	5449	7581	7269
75°	4135	116	104	2652	4135	4388
85°	1072	66	29	802	1072	1068
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°	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5
2.5°	3133.7	3129.6	3104.7	3025.7	2942.6	2863.6	2788.8	2709.8	2668.3	2618.4	2597.6
5°	3042.3	3034.0	2963.3	2788.8	2635.0	2468.8	2327.5	2215.2	2123.8	2032.4	1999.1
7.5°	2834.5	2822.0	2738.9	2497.9	2273.4	2057.3	1886.9	1741.4	1620.9	1566.9	1504.5
10°	2668.3	2647.5	2539.4	2273.4	1982.5	1766.4	1654.2	1554.4	1450.5	1363.2	1271.8
12.5°	2564.4	2539.4	2427.2	2115.5	1832.9	1670.8	1554.4	1442.2	1313.3	1205.3	1105.5
15°	2568.5	2539.4	2402.3	2073.9	1795.5	1587.7	1425.6	1271.8	1122.2	1001.6	889.4
17.5°	2689.0	2651.6	2506.2	2132.1	1766.4	1479.6	1263.5	1064.0	893.6	764.7	673.3
20°	2905.2	2880.2	2714.0	2219.4	1737.3	1363.2	1097.2	856.2	677.5	577.7	540.3
22.5°	3229.3	3200.2	3021.5	2352.4	1729.0	1259.3	918.5	673.3	544.5	502.9	482.1
25°	3603.4	3549.4	3383.1	2576.8	1745.6	1163.7	773.0	556.9	486.3	457.2	444.7
27.5°	3927.6	3894.3	3707.3	2788.8	1753.9	1088.9	673.3	507.1	453.0	428.1	419.8
30°	4172.8	4160.3	3977.4	3021.5	1733.1	997.5	611.0	486.3	453.0	428.1	403.1
32.5°	4418.0	4422.2	4226.8	3200.2	1704.0	918.5	552.8	432.2	399.0	382.4	386.5
35°	4671.5	4692.3	4526.1	3374.8	1641.7	889.4	511.2	403.1	374.1	349.1	336.6
37.5°	4991.6	5045.6	4883.5	3570.1	1579.3	864.5	490.4	382.4	353.3	332.5	315.9
40°	5249.2	5349.0	5253.4	3753.0	1537.8	835.4	473.8	361.6	340.8	315.9	303.4
42.5°	5440.4	5556.8	5523.5	3894.3	1537.8	806.3	457.2	349.1	332.5	303.4	286.8
45°	5606.7	5727.2	5723.0	4039.8	1571.0	789.7	436.4	349.1	324.2	295.1	278.5
47.5°	5756.3	5876.8	5918.4	4222.7	1625.1	781.4	411.5	340.8	324.2	290.9	266.0
50°	5918.4	6051.4	6176.1	4513.6	1691.6	760.6	394.8	328.3	328.3	286.8	257.7
52.5°	6126.2	6275.8	6504.4	4875.2	1758.1	723.2	369.9	320.0	328.3	282.6	249.4
55°	6462.8	6587.5	6886.8	5307.4	1841.2	677.5	349.1	299.2	311.7	270.2	236.9
57.5°	6841.0	6949.1	7198.5	5639.9	1866.1	619.3	320.0	278.5	299.2	257.7	220.3
60°	7306.5	7360.6	7360.6	5735.5	1783.0	565.2	299.2	261.8	270.2	245.2	207.8
62.5°	7601.6	7601.6	7360.6	5560.9	1625.1	519.5	282.6	245.2	236.9	228.6	195.3
65°	7580.8	7547.6	7190.2	5053.9	1442.2	490.4	266.0	224.4	212.0	207.8	182.9
67.5°	7231.7	7173.5	6687.3	4339.0	1251.0	478.0	249.4	203.7	195.3	187.0	166.2
70°	6491.9	6342.3	5743.8	3491.2	1064.0	469.6	245.2	187.0	178.7	170.4	153.8
72.5°	5419.6	5228.5	4484.5	2684.9	893.6	440.6	232.7	166.2	162.1	153.8	137.2
75°	4135.4	3782.1	3129.6	2053.1	694.1	382.4	199.5	145.5	145.5	141.3	124.7
77.5°	2851.1	2668.3	2182.0	1517.0	507.1	295.1	162.1	128.8	128.8	133.0	116.4
80°	2015.7	1845.3	1554.4	1088.9	320.0	199.5	124.7	108.1	120.5	128.8	108.1
82.5°	1541.9	1417.3	1155.4	793.8	187.0	137.2	95.6	87.3	103.9	112.2	91.4
85°	1072.3	922.7	586.0	532.0	108.1	83.1	70.7	70.7	91.4	112.2	83.1
87.5°	303.4	128.8	37.4	157.9	45.7	33.2	24.9	16.6	24.9	24.9	16.6
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°	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5
2.5°	2576.8	2551.9	2551.9	2543.6	2547.7	2551.9	2547.7	2576.8	2589.3	2605.9	2639.2
5°	1978.3	2011.6	1986.6	2011.6	2044.8	2094.7	2107.2	2144.6	2148.7	2177.8	2161.2
7.5°	1467.1	1463.0	1442.2	1471.3	1562.7	1633.4	1666.6	1687.4	1691.6	1691.6	1670.8
10°	1242.7	1205.3	1167.9	1147.1	1155.4	1230.2	1255.2	1267.6	1259.3	1271.8	1255.2
12.5°	1064.0	1030.7	976.7	939.3	914.4	935.1	960.1	972.5	980.9	1001.6	1018.3
15°	864.5	831.2	798.0	777.2	756.4	739.8	760.6	773.0	793.8	810.5	818.8
17.5°	656.7	640.0	623.4	635.9	635.9	627.6	635.9	640.0	648.4	660.8	656.7
20°	532.0	527.8	523.7	544.5	561.1	561.1	569.4	556.9	552.8	540.3	536.1
22.5°	473.8	473.8	478.0	494.6	511.2	519.5	519.5	498.7	478.0	469.6	473.8
25°	440.6	440.6	453.0	457.2	465.5	465.5	469.6	448.9	436.4	423.9	428.1
27.5°	415.6	415.6	419.8	419.8	423.9	423.9	428.1	419.8	403.1	399.0	399.0
30°	399.0	399.0	394.8	394.8	394.8	394.8	399.0	386.5	378.2	374.1	374.1
32.5°	382.4	378.2	374.1	374.1	369.9	369.9	374.1	361.6	357.4	357.4	357.4
35°	332.5	328.3	332.5	340.8	340.8	345.0	345.0	340.8	332.5	324.2	320.0
37.5°	311.7	307.6	307.6	307.6	315.9	320.0	324.2	315.9	303.4	290.9	290.9
40°	295.1	295.1	290.9	290.9	290.9	299.2	307.6	295.1	278.5	274.3	274.3
42.5°	282.6	278.5	274.3	270.2	266.0	278.5	286.8	270.2	261.8	261.8	261.8
45°	270.2	266.0	261.8	257.7	253.5	257.7	266.0	249.4	245.2	245.2	245.2
47.5°	257.7	253.5	245.2	241.1	236.9	236.9	245.2	232.7	228.6	232.7	232.7
50°	249.4	241.1	232.7	228.6	224.4	224.4	224.4	220.3	220.3	220.3	224.4
52.5°	241.1	232.7	220.3	216.1	212.0	212.0	212.0	212.0	207.8	212.0	216.1
55°	228.6	220.3	212.0	207.8	203.7	199.5	203.7	199.5	199.5	203.7	203.7
57.5°	212.0	203.7	195.3	195.3	191.2	191.2	195.3	191.2	191.2	195.3	195.3
60°	199.5	191.2	182.9	182.9	178.7	182.9	187.0	182.9	182.9	182.9	187.0
62.5°	182.9	178.7	170.4	170.4	170.4	170.4	174.6	170.4	174.6	174.6	174.6
65°	170.4	162.1	157.9	157.9	157.9	157.9	166.2	157.9	162.1	162.1	162.1
67.5°	157.9	149.6	145.5	145.5	145.5	145.5	153.8	145.5	149.6	153.8	149.6
70°	145.5	137.2	133.0	133.0	133.0	133.0	137.2	133.0	133.0	137.2	137.2
72.5°	128.8	124.7	120.5	120.5	116.4	120.5	124.7	120.5	120.5	120.5	120.5
75°	116.4	112.2	112.2	108.1	108.1	108.1	112.2	103.9	103.9	103.9	103.9
77.5°	108.1	99.7	99.7	99.7	95.6	99.7	95.6	87.3	87.3	87.3	87.3
80°	91.4	83.1	87.3	87.3	83.1	83.1	79.0	70.7	70.7	70.7	70.7
82.5°	74.8	66.5	70.7	70.7	70.7	70.7	62.3	58.2	54.0	49.9	49.9
85°	66.5	54.0	62.3	62.3	58.2	58.2	41.6	41.6	33.2	33.2	29.1
87.5°	12.5	8.3	16.6	20.8	20.8	24.9	16.6	20.8	12.5	8.3	8.3
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°	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5
2.5°	2635.0	2680.7	2743.1	2788.8	2859.4	2913.5	2996.6	3067.2	3133.7	3162.8	3191.9
5°	2211.1	2240.2	2335.8	2410.6	2522.8	2643.3	2792.9	2955.0	3121.3	3196.1	3283.4
7.5°	1654.2	1708.2	1762.2	1870.3	2007.4	2202.8	2393.9	2635.0	2867.8	2980.0	3129.6
10°	1284.3	1325.8	1388.2	1500.4	1629.2	1791.3	2019.9	2306.7	2585.1	2730.6	2884.4
12.5°	1030.7	1088.9	1172.0	1288.4	1438.0	1604.3	1770.5	2036.5	2360.7	2526.9	2701.5
15°	835.4	881.1	972.5	1118.0	1292.6	1463.0	1637.5	1857.8	2211.1	2402.3	2610.1
17.5°	665.0	698.2	781.4	926.8	1101.4	1292.6	1492.1	1770.5	2161.2	2393.9	2639.2
20°	540.3	565.2	619.3	727.3	893.6	1101.4	1350.8	1687.4	2190.3	2489.5	2788.8
22.5°	473.8	482.1	507.1	565.2	702.4	922.7	1221.9	1616.7	2244.3	2630.9	3034.0
25°	428.1	436.4	444.7	482.1	561.1	768.9	1109.7	1575.2	2360.7	2838.7	3316.6
27.5°	399.0	407.3	411.5	428.1	482.1	656.7	1014.1	1550.2	2518.6	3142.1	3665.7
30°	374.1	374.1	386.5	411.5	448.9	577.7	931.0	1492.1	2684.9	3395.6	3940.0
32.5°	353.3	357.4	374.1	386.5	411.5	511.2	847.9	1417.3	2834.5	3603.4	4210.2
35°	315.9	315.9	320.0	340.8	374.1	457.2	773.0	1342.4	2917.6	3807.0	4451.2
37.5°	290.9	295.1	303.4	320.0	349.1	419.8	710.7	1259.3	3004.9	3998.2	4733.9
40°	274.3	278.5	286.8	303.4	332.5	386.5	656.7	1192.8	3096.3	4206.0	5037.3
42.5°	261.8	266.0	274.3	290.9	315.9	378.2	598.5	1138.8	3150.4	4397.2	5324.0
45°	249.4	253.5	266.0	282.6	303.4	369.9	565.2	1101.4	3171.2	4526.1	5552.6
47.5°	236.9	241.1	253.5	278.5	303.4	357.4	552.8	1080.6	3187.8	4671.5	5735.5
50°	224.4	232.7	249.4	274.3	307.6	340.8	544.5	1076.4	3283.4	4858.6	5910.1
52.5°	216.1	228.6	245.2	274.3	303.4	315.9	540.3	1088.9	3474.6	5137.0	6159.4
55°	207.8	220.3	236.9	274.3	290.9	295.1	519.5	1109.7	3765.5	5523.5	6512.7
57.5°	199.5	207.8	228.6	266.0	274.3	278.5	478.0	1138.8	4056.4	5901.8	6874.3
60°	187.0	195.3	216.1	266.0	249.4	261.8	423.9	1147.1	4264.2	6022.3	6907.5
62.5°	174.6	182.9	203.7	274.3	228.6	245.2	378.2	1118.0	4305.8	5847.7	6720.5
65°	162.1	170.4	187.0	228.6	212.0	228.6	349.1	1039.0	4168.6	5448.7	6379.7
67.5°	149.6	157.9	170.4	187.0	191.2	207.8	336.6	914.4	3823.7	4954.1	5914.2
70°	133.0	141.3	153.8	166.2	170.4	195.3	315.9	793.8	3266.7	4293.3	5344.8
72.5°	120.5	124.7	137.2	145.5	153.8	178.7	303.4	694.1	2497.9	3474.6	4359.8
75°	103.9	103.9	116.4	124.7	133.0	157.9	278.5	577.7	1762.2	2651.6	3204.4
77.5°	87.3	87.3	95.6	103.9	112.2	137.2	236.9	469.6	1221.9	2103.0	2323.3
80°	66.5	66.5	74.8	83.1	91.4	116.4	191.2	345.0	756.4	1537.8	1691.6
82.5°	45.7	45.7	58.2	62.3	66.5	91.4	145.5	236.9	444.7	1109.7	1209.4
85°	24.9	24.9	33.2	37.4	45.7	66.5	108.1	166.2	266.0	802.1	806.3
87.5°	4.2	4.2	12.5	12.5	20.8	33.2	62.3	91.4	149.6	444.7	282.6
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: P598733
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5	2967.5
2.5°	3246.0	3291.7	3295.8	3295.8	3275.1	3279.2	3221.0	3158.7	3137.9	3133.7
5°	3416.4	3536.9	3570.1	3586.8	3532.7	3449.6	3300.0	3137.9	3054.8	3042.3
7.5°	3383.1	3624.2	3753.0	3769.6	3661.6	3466.2	3204.4	2955.0	2859.4	2834.5
10°	3187.8	3512.0	3744.7	3802.9	3686.5	3437.1	3096.3	2805.4	2689.0	2668.3
12.5°	3050.6	3362.3	3590.9	3669.9	3615.9	3399.7	3042.3	2709.8	2593.4	2564.4
15°	2975.8	3262.6	3412.2	3437.1	3433.0	3341.6	3042.3	2730.6	2601.8	2568.5
17.5°	3038.2	3233.5	3254.3	3196.1	3229.3	3275.1	3108.8	2842.8	2718.1	2689.0
20°	3162.8	3221.0	3121.3	3034.0	3050.6	3196.1	3212.7	3054.8	2955.0	2905.2
22.5°	3424.7	3266.7	3038.2	2917.6	2930.1	3133.7	3349.9	3341.6	3254.3	3229.3
25°	3690.7	3395.6	3013.2	2871.9	2888.5	3121.3	3512.0	3661.6	3615.9	3603.4
27.5°	3985.8	3611.7	3029.8	2851.1	2871.9	3137.9	3624.2	3931.7	3940.0	3927.6
30°	4185.3	3715.6	3079.7	2876.1	2905.2	3179.5	3649.1	4093.8	4168.6	4172.8
32.5°	4351.5	3819.5	3183.6	2917.6	2967.5	3254.3	3715.6	4247.6	4413.8	4418.0
35°	4484.5	3935.9	3312.5	2992.4	3067.2	3379.0	3802.9	4393.1	4642.4	4671.5
37.5°	4654.9	4064.7	3462.1	3154.5	3237.7	3557.7	3956.7	4563.5	4912.6	4991.6
40°	4837.8	4193.6	3678.2	3416.4	3536.9	3823.7	4131.2	4754.6	5141.2	5249.2
42.5°	5041.4	4330.7	3923.4	3769.6	3952.5	4160.3	4330.7	4929.2	5315.7	5440.4
45°	5240.9	4497.0	4280.8	4251.8	4455.4	4559.3	4526.1	5053.9	5482.0	5606.7
47.5°	5382.2	4738.0	4713.1	4887.6	5078.8	5024.8	4754.6	5145.3	5619.1	5756.3
50°	5511.1	5037.3	5257.5	5598.4	5714.7	5531.9	4999.9	5270.0	5764.6	5918.4
52.5°	5702.3	5357.3	5818.6	6242.6	6354.8	6063.8	5265.9	5473.7	5989.0	6126.2
55°	6092.9	5718.9	6404.6	6890.9	6911.7	6550.1	5623.3	5818.6	6304.9	6462.8
57.5°	6529.3	6163.6	6870.1	7427.1	7418.7	7036.4	6026.4	6284.1	6733.0	6841.0
60°	6924.2	6612.5	7377.2	7809.4	7788.6	7389.7	6496.1	6811.9	7223.4	7306.5
62.5°	7156.9	7019.8	7601.6	7930.0	7851.0	7506.0	6895.1	7281.6	7572.5	7601.6
65°	7119.5	7252.5	7339.8	7543.4	7431.2	7181.8	7090.4	7580.8	7609.9	7580.8
67.5°	6836.9	7119.5	6620.8	6641.5	6583.4	6371.4	6787.0	7501.9	7302.4	7231.7
70°	6408.8	6429.6	5536.0	5274.2	5365.6	5074.7	5822.8	6886.8	6579.2	6491.9
72.5°	5698.1	5440.4	4185.3	3919.3	4056.4	3848.6	4671.5	6001.5	5702.3	5419.6
75°	4779.6	4309.9	3187.8	2809.6	2880.2	2871.9	3620.0	4958.3	4418.0	4135.4
77.5°	3703.1	3358.2	2352.4	2206.9	2132.1	2148.7	2526.9	3686.5	3204.4	2851.1
80°	2705.7	2348.2	1820.4	1903.5	1862.0	1762.2	1770.5	2468.8	2227.7	2015.7
82.5°	1870.3	1670.8	1475.4	1666.6	1566.9	1413.1	1379.8	1778.8	1670.8	1541.9
85°	1255.2	1375.7	1172.0	1275.9	1105.5	1018.3	1296.7	1487.9	1201.1	1072.3
87.5°	818.8	1259.3	843.7	640.0	365.7	490.4	793.8	976.7	561.1	303.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)