

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: P598732

Luminaire Tested: **IFLD-S-SA2A-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: P598732
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-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

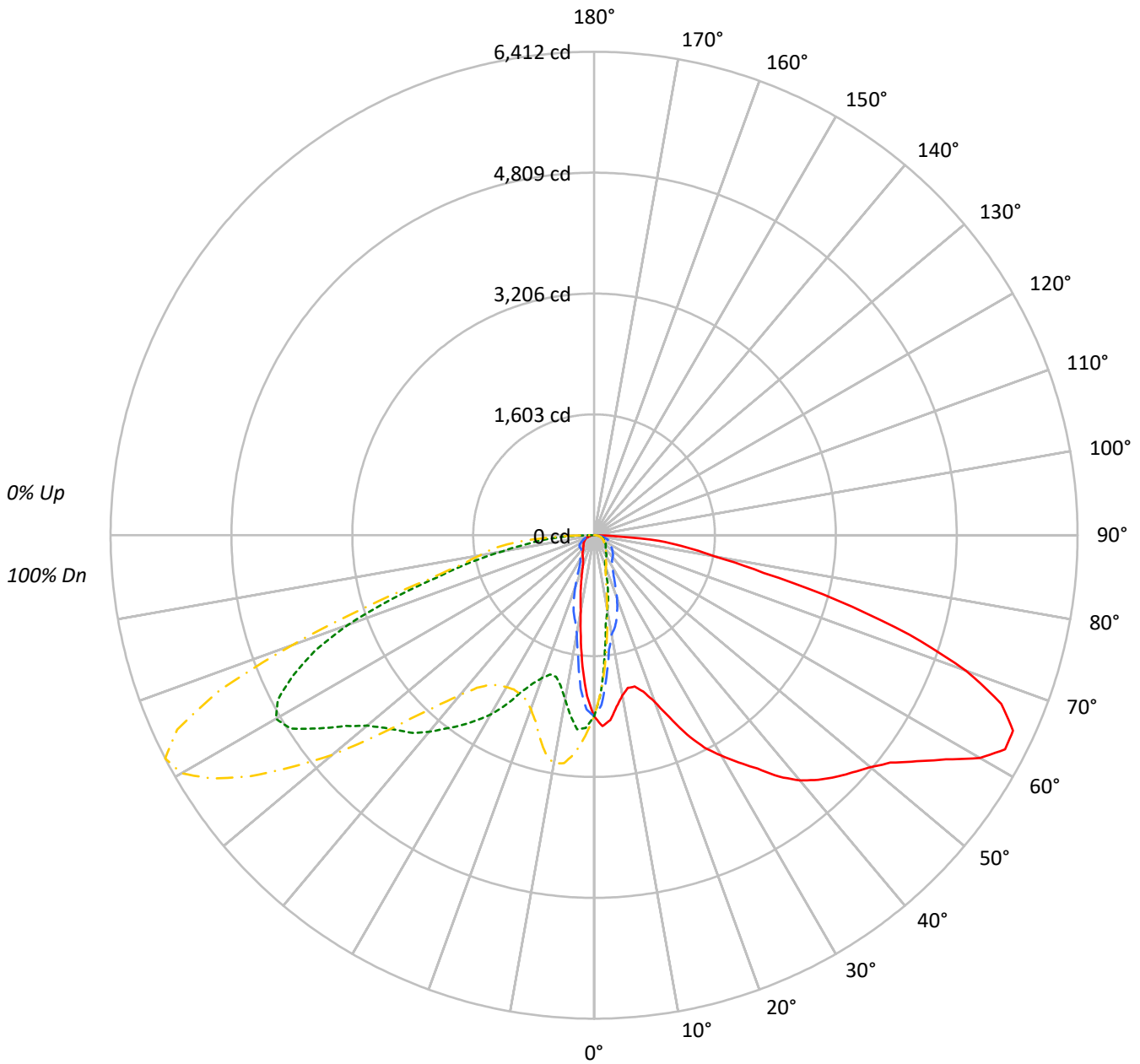
Lumens per Lamp: N/A
 Luminaire Lumens: 8032.6 lumens
 Efficiency: N/A
 Efficacy: 125.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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	0	
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°	51656	51656	51656	51656
5°	53161	34567	37764	55847
10°	47163	21965	22186	48265
15°	46288	15579	14754	43291
20°	53817	9856	9931	46117
25°	69208	8461	8221	54521
30°	83872	8019	7520	68251
35°	99270	7064	6801	80900
40°	119279	6705	6233	95574
45°	138022	6649	6037	111419
50°	160273	6752	6079	131571
55°	196134	6936	6182	167628
60°	254369	6945	6510	209660
65°	312242	7019	6678	224428
70°	330408	7402	6980	218507
75°	278128	7827	6987	178340
80°	202065	9162	7079	154149
85°	214153	13289	5805	160207

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.7	2.3
10°-20°	388.6	4.8
20°-30°	560.1	7.0
30°-40°	806.3	10.0
40°-50°	1145.3	14.3
50°-60°	1646.6	20.5
60°-70°	1902.3	23.7
70°-80°	1077.1	13.4
80°-90°	320.6	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°	1134.4	14.1
0°-40°	1940.7	24.2
0°-60°	4732.5	58.9
0°-90°	8032.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8032.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2400	2400	2400	2400	2400	
5°	2460	1600	1748	2584	2460	223
15°	2077	699	662	1942	2077	611
25°	2914	356	346	2295	2914	1352
35°	3777	269	259	3078	3777	2397
45°	4534	218	198	3660	4534	3510
55°	5226	185	165	4466	5226	4733
65°	6130	138	131	4406	6130	5878
75°	3344	94	84	2144	3344	3548
85°	867	54	24	649	867	863
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°	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5
2.5°	2533.9	2530.5	2510.4	2446.5	2379.3	2315.5	2255.0	2191.1	2157.5	2117.2	2100.4
5°	2460.0	2453.2	2396.1	2255.0	2130.6	1996.2	1881.9	1791.2	1717.3	1643.3	1616.5
7.5°	2291.9	2281.8	2214.6	2019.7	1838.3	1663.5	1525.7	1408.1	1310.6	1266.9	1216.5
10°	2157.5	2140.7	2053.3	1838.3	1603.0	1428.3	1337.5	1256.9	1172.9	1102.3	1028.3
12.5°	2073.5	2053.3	1962.6	1710.5	1482.0	1351.0	1256.9	1166.1	1062.0	974.6	893.9
15°	2076.9	2053.3	1942.4	1676.9	1451.8	1283.8	1152.7	1028.3	907.4	809.9	719.2
17.5°	2174.3	2144.1	2026.4	1724.0	1428.3	1196.4	1021.6	860.3	722.5	618.4	544.4
20°	2349.1	2328.9	2194.5	1794.6	1404.7	1102.3	887.2	692.3	547.8	467.1	436.9
22.5°	2611.2	2587.7	2443.2	1902.1	1398.0	1018.3	742.7	544.4	440.2	406.6	389.8
25°	2913.6	2870.0	2735.5	2083.6	1411.5	941.0	625.1	450.3	393.2	369.7	359.6
27.5°	3175.8	3148.9	2997.7	2255.0	1418.2	880.5	544.4	410.0	366.3	346.1	339.4
30°	3374.0	3364.0	3216.1	2443.2	1401.4	806.5	494.0	393.2	366.3	346.1	326.0
32.5°	3572.3	3575.7	3417.7	2587.7	1377.8	742.7	447.0	349.5	322.6	309.2	312.5
35°	3777.3	3794.1	3659.7	2728.8	1327.4	719.2	413.4	326.0	302.5	282.3	272.2
37.5°	4036.1	4079.8	3948.7	2886.8	1277.0	699.0	396.6	309.2	285.7	268.8	255.4
40°	4244.4	4325.1	4247.8	3034.6	1243.4	675.5	383.1	292.4	275.6	255.4	245.3
42.5°	4399.0	4493.1	4466.2	3148.9	1243.4	652.0	369.7	282.3	268.8	245.3	231.9
45°	4533.5	4630.9	4627.6	3266.5	1270.3	638.5	352.9	282.3	262.1	238.6	225.2
47.5°	4654.4	4751.9	4785.5	3414.4	1314.0	631.8	332.7	275.6	262.1	235.2	215.1
50°	4785.5	4893.0	4993.9	3649.6	1367.8	615.0	319.3	265.5	265.5	231.9	208.4
52.5°	4953.5	5074.5	5259.3	3942.0	1421.5	584.7	299.1	258.8	265.5	228.5	201.6
55°	5225.7	5326.6	5568.5	4291.5	1488.7	547.8	282.3	242.0	252.0	218.4	191.6
57.5°	5531.6	5618.9	5820.6	4560.3	1508.9	500.7	258.8	225.2	242.0	208.4	178.1
60°	5907.9	5951.6	5951.6	4637.6	1441.7	457.0	242.0	211.7	218.4	198.3	168.0
62.5°	6146.5	6146.5	5951.6	4496.5	1314.0	420.1	228.5	198.3	191.6	184.8	157.9
65°	6129.7	6102.9	5813.8	4086.5	1166.1	396.6	215.1	181.5	171.4	168.0	147.9
67.5°	5847.5	5800.4	5407.2	3508.5	1011.5	386.5	201.6	164.7	157.9	151.2	134.4
70°	5249.3	5128.3	4644.4	2822.9	860.3	379.7	198.3	151.2	144.5	137.8	124.3
72.5°	4382.2	4227.6	3626.1	2171.0	722.5	356.2	188.2	134.4	131.1	124.3	110.9
75°	3343.8	3058.1	2530.5	1660.1	561.2	309.2	161.3	117.6	117.6	114.3	100.8
77.5°	2305.4	2157.5	1764.3	1226.6	410.0	238.6	131.1	104.2	104.2	107.5	94.1
80°	1629.9	1492.1	1256.9	880.5	258.8	161.3	100.8	87.4	97.5	104.2	87.4
82.5°	1246.8	1146.0	934.2	641.9	151.2	110.9	77.3	70.6	84.0	90.7	73.9
85°	867.0	746.1	473.8	430.2	87.4	67.2	57.1	57.1	73.9	90.7	67.2
87.5°	245.3	104.2	30.2	127.7	37.0	26.9	20.2	13.4	20.2	20.2	13.4
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°	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5
2.5°	2083.6	2063.4	2063.4	2056.7	2060.1	2063.4	2060.1	2083.6	2093.7	2107.1	2134.0
5°	1599.6	1626.5	1606.4	1626.5	1653.4	1693.7	1703.8	1734.1	1737.4	1761.0	1747.5
7.5°	1186.3	1182.9	1166.1	1189.7	1263.6	1320.7	1347.6	1364.4	1367.8	1367.8	1351.0
10°	1004.8	974.6	944.3	927.5	934.2	994.7	1014.9	1025.0	1018.3	1028.3	1014.9
12.5°	860.3	833.4	789.7	759.5	739.3	756.1	776.3	786.4	793.1	809.9	823.3
15°	699.0	672.1	645.2	628.4	611.6	598.2	615.0	625.1	641.9	655.3	662.0
17.5°	531.0	517.5	504.1	514.2	514.2	507.5	514.2	517.5	524.3	534.3	531.0
20°	430.2	426.8	423.4	440.2	453.7	453.7	460.4	450.3	447.0	436.9	433.5
22.5°	383.1	383.1	386.5	399.9	413.4	420.1	420.1	403.3	386.5	379.7	383.1
25°	356.2	356.2	366.3	369.7	376.4	376.4	379.7	362.9	352.9	342.8	346.1
27.5°	336.1	336.1	339.4	339.4	342.8	342.8	346.1	339.4	326.0	322.6	322.6
30°	322.6	322.6	319.3	319.3	319.3	319.3	322.6	312.5	305.8	302.5	302.5
32.5°	309.2	305.8	302.5	302.5	299.1	299.1	302.5	292.4	289.0	289.0	289.0
35°	268.8	265.5	268.8	275.6	275.6	278.9	278.9	275.6	268.8	262.1	258.8
37.5°	252.0	248.7	248.7	248.7	255.4	258.8	262.1	255.4	245.3	235.2	235.2
40°	238.6	238.6	235.2	235.2	235.2	242.0	248.7	238.6	225.2	221.8	221.8
42.5°	228.5	225.2	221.8	218.4	215.1	225.2	231.9	218.4	211.7	211.7	211.7
45°	218.4	215.1	211.7	208.4	205.0	208.4	215.1	201.6	198.3	198.3	198.3
47.5°	208.4	205.0	198.3	194.9	191.6	191.6	198.3	188.2	184.8	188.2	188.2
50°	201.6	194.9	188.2	184.8	181.5	181.5	181.5	178.1	178.1	178.1	181.5
52.5°	194.9	188.2	178.1	174.8	171.4	171.4	171.4	171.4	168.0	171.4	174.8
55°	184.8	178.1	171.4	168.0	164.7	161.3	164.7	161.3	161.3	164.7	164.7
57.5°	171.4	164.7	157.9	157.9	154.6	154.6	157.9	154.6	154.6	157.9	157.9
60°	161.3	154.6	147.9	147.9	144.5	147.9	151.2	147.9	147.9	147.9	151.2
62.5°	147.9	144.5	137.8	137.8	137.8	137.8	141.1	137.8	141.1	141.1	141.1
65°	137.8	131.1	127.7	127.7	127.7	127.7	134.4	127.7	131.1	131.1	131.1
67.5°	127.7	121.0	117.6	117.6	117.6	117.6	124.3	117.6	121.0	124.3	121.0
70°	117.6	110.9	107.5	107.5	107.5	107.5	110.9	107.5	107.5	110.9	110.9
72.5°	104.2	100.8	97.5	97.5	94.1	97.5	100.8	97.5	97.5	97.5	97.5
75°	94.1	90.7	90.7	87.4	87.4	87.4	90.7	84.0	84.0	84.0	84.0
77.5°	87.4	80.7	80.7	80.7	77.3	80.7	77.3	70.6	70.6	70.6	70.6
80°	73.9	67.2	70.6	70.6	67.2	67.2	63.9	57.1	57.1	57.1	57.1
82.5°	60.5	53.8	57.1	57.1	57.1	57.1	50.4	47.0	43.7	40.3	40.3
85°	53.8	43.7	50.4	50.4	47.0	47.0	33.6	33.6	26.9	26.9	23.5
87.5°	10.1	6.7	13.4	16.8	16.8	20.2	13.4	16.8	10.1	6.7	6.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5
2.5°	2130.6	2167.6	2218.0	2255.0	2312.1	2355.8	2423.0	2480.1	2533.9	2557.4	2580.9
5°	1787.8	1811.4	1888.7	1949.2	2039.9	2137.3	2258.3	2389.4	2523.8	2584.3	2654.9
7.5°	1337.5	1381.2	1424.9	1512.3	1623.2	1781.1	1935.7	2130.6	2318.8	2409.6	2530.5
10°	1038.4	1072.0	1122.4	1213.2	1317.4	1448.4	1633.3	1865.1	2090.3	2207.9	2332.3
12.5°	833.4	880.5	947.7	1041.8	1162.8	1297.2	1431.6	1646.7	1908.8	2043.2	2184.4
15°	675.5	712.4	786.4	904.0	1045.1	1182.9	1324.1	1502.2	1787.8	1942.4	2110.5
17.5°	537.7	564.6	631.8	749.4	890.6	1045.1	1206.5	1431.6	1747.5	1935.7	2134.0
20°	436.9	457.0	500.7	588.1	722.5	890.6	1092.2	1364.4	1771.0	2013.0	2255.0
22.5°	383.1	389.8	410.0	457.0	567.9	746.1	988.0	1307.3	1814.7	2127.3	2453.2
25°	346.1	352.9	359.6	389.8	453.7	621.7	897.3	1273.7	1908.8	2295.3	2681.8
27.5°	322.6	329.3	332.7	346.1	389.8	531.0	820.0	1253.5	2036.5	2540.6	2964.1
30°	302.5	302.5	312.5	332.7	362.9	467.1	752.8	1206.5	2171.0	2745.6	3185.9
32.5°	285.7	289.0	302.5	312.5	332.7	413.4	685.6	1146.0	2291.9	2913.6	3404.3
35°	255.4	255.4	258.8	275.6	302.5	369.7	625.1	1085.5	2359.1	3078.3	3599.2
37.5°	235.2	238.6	245.3	258.8	282.3	339.4	574.7	1018.3	2429.7	3232.9	3827.7
40°	221.8	225.2	231.9	245.3	268.8	312.5	531.0	964.5	2503.6	3400.9	4073.1
42.5°	211.7	215.1	221.8	235.2	255.4	305.8	483.9	920.8	2547.3	3555.5	4304.9
45°	201.6	205.0	215.1	228.5	245.3	299.1	457.0	890.6	2564.1	3659.7	4489.8
47.5°	191.6	194.9	205.0	225.2	245.3	289.0	447.0	873.8	2577.6	3777.3	4637.6
50°	181.5	188.2	201.6	221.8	248.7	275.6	440.2	870.4	2654.9	3928.5	4778.8
52.5°	174.8	184.8	198.3	221.8	245.3	255.4	436.9	880.5	2809.5	4153.7	4980.4
55°	168.0	178.1	191.6	221.8	235.2	238.6	420.1	897.3	3044.7	4466.2	5266.1
57.5°	161.3	168.0	184.8	215.1	221.8	225.2	386.5	920.8	3279.9	4772.1	5558.4
60°	151.2	157.9	174.8	215.1	201.6	211.7	342.8	927.5	3448.0	4869.5	5585.3
62.5°	141.1	147.9	164.7	221.8	184.8	198.3	305.8	904.0	3481.6	4728.4	5434.1
65°	131.1	137.8	151.2	184.8	171.4	184.8	282.3	840.2	3370.7	4405.8	5158.5
67.5°	121.0	127.7	137.8	151.2	154.6	168.0	272.2	739.3	3091.8	4005.8	4782.1
70°	107.5	114.3	124.3	134.4	137.8	157.9	255.4	641.9	2641.4	3471.5	4321.7
72.5°	97.5	100.8	110.9	117.6	124.3	144.5	245.3	561.2	2019.7	2809.5	3525.3
75°	84.0	84.0	94.1	100.8	107.5	127.7	225.2	467.1	1424.9	2144.1	2591.0
77.5°	70.6	70.6	77.3	84.0	90.7	110.9	191.6	379.7	988.0	1700.5	1878.6
80°	53.8	53.8	60.5	67.2	73.9	94.1	154.6	278.9	611.6	1243.4	1367.8
82.5°	37.0	37.0	47.0	50.4	53.8	73.9	117.6	191.6	359.6	897.3	977.9
85°	20.2	20.2	26.9	30.2	37.0	53.8	87.4	134.4	215.1	648.6	652.0
87.5°	3.4	3.4	10.1	10.1	16.8	26.9	50.4	73.9	121.0	359.6	228.5
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: P598732
 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5	2399.5
2.5°	2624.6	2661.6	2665.0	2665.0	2648.2	2651.5	2604.5	2554.1	2537.3	2533.9
5°	2762.4	2859.9	2886.8	2900.2	2856.5	2789.3	2668.3	2537.3	2470.0	2460.0
7.5°	2735.5	2930.4	3034.6	3048.1	2960.7	2802.7	2591.0	2389.4	2312.1	2291.9
10°	2577.6	2839.7	3027.9	3075.0	2980.9	2779.2	2503.6	2268.4	2174.3	2157.5
12.5°	2466.7	2718.7	2903.6	2967.4	2923.7	2749.0	2460.0	2191.1	2097.0	2073.5
15°	2406.2	2638.1	2759.1	2779.2	2775.9	2701.9	2460.0	2207.9	2103.7	2076.9
17.5°	2456.6	2614.5	2631.4	2584.3	2611.2	2648.2	2513.7	2298.7	2197.8	2174.3
20°	2557.4	2604.5	2523.8	2453.2	2466.7	2584.3	2597.7	2470.0	2389.4	2349.1
22.5°	2769.1	2641.4	2456.6	2359.1	2369.2	2533.9	2708.6	2701.9	2631.4	2611.2
25°	2984.2	2745.6	2436.4	2322.2	2335.6	2523.8	2839.7	2960.7	2923.7	2913.6
27.5°	3222.8	2920.4	2449.9	2305.4	2322.2	2537.3	2930.4	3179.1	3185.9	3175.8
30°	3384.1	3004.4	2490.2	2325.5	2349.1	2570.9	2950.6	3310.2	3370.7	3374.0
32.5°	3518.6	3088.4	2574.2	2359.1	2399.5	2631.4	3004.4	3434.5	3569.0	3572.3
35°	3626.1	3182.5	2678.4	2419.6	2480.1	2732.2	3075.0	3552.2	3753.8	3777.3
37.5°	3763.9	3286.7	2799.4	2550.7	2617.9	2876.7	3199.3	3689.9	3972.2	4036.1
40°	3911.7	3390.8	2974.1	2762.4	2859.9	3091.8	3340.4	3844.5	4157.1	4244.4
42.5°	4076.4	3501.7	3172.4	3048.1	3195.9	3364.0	3501.7	3985.7	4298.2	4399.0
45°	4237.7	3636.2	3461.4	3437.9	3602.6	3686.6	3659.7	4086.5	4432.6	4533.5
47.5°	4352.0	3831.1	3810.9	3952.1	4106.7	4063.0	3844.5	4160.4	4543.5	4654.4
50°	4456.2	4073.1	4251.2	4526.7	4620.8	4473.0	4042.8	4261.2	4661.2	4785.5
52.5°	4610.7	4331.8	4704.8	5047.6	5138.4	4903.1	4257.9	4425.9	4842.6	4953.5
55°	4926.6	4624.2	5178.7	5571.9	5588.7	5296.3	4546.9	4704.8	5098.0	5225.7
57.5°	5279.5	4983.8	5555.1	6005.4	5998.7	5689.5	4872.9	5081.2	5444.2	5531.6
60°	5598.8	5346.7	5965.1	6314.6	6297.8	5975.2	5252.6	5508.0	5840.7	5907.9
62.5°	5787.0	5676.1	6146.5	6412.0	6348.2	6069.3	5575.2	5887.8	6123.0	6146.5
65°	5756.7	5864.3	5934.8	6099.5	6008.8	5807.1	5733.2	6129.7	6153.3	6129.7
67.5°	5528.2	5756.7	5353.4	5370.2	5323.2	5151.8	5487.9	6065.9	5904.6	5847.5
70°	5182.1	5198.9	4476.3	4264.6	4338.5	4103.3	4708.2	5568.5	5319.8	5249.3
72.5°	4607.4	4399.0	3384.1	3169.0	3279.9	3111.9	3777.3	4852.7	4610.7	4382.2
75°	3864.7	3484.9	2577.6	2271.8	2328.9	2322.2	2927.1	4009.2	3572.3	3343.8
77.5°	2994.3	2715.4	1902.1	1784.5	1724.0	1737.4	2043.2	2980.9	2591.0	2305.4
80°	2187.8	1898.7	1471.9	1539.2	1505.6	1424.9	1431.6	1996.2	1801.3	1629.9
82.5°	1512.3	1351.0	1193.0	1347.6	1266.9	1142.6	1115.7	1438.3	1351.0	1246.8
85°	1014.9	1112.4	947.7	1031.7	893.9	823.3	1048.5	1203.1	971.2	867.0
87.5°	662.0	1018.3	682.2	517.5	295.7	396.6	641.9	789.7	453.7	245.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)