

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: P599254

Luminaire Tested: **IFLD-S-SA2A-750-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599254
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-750-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

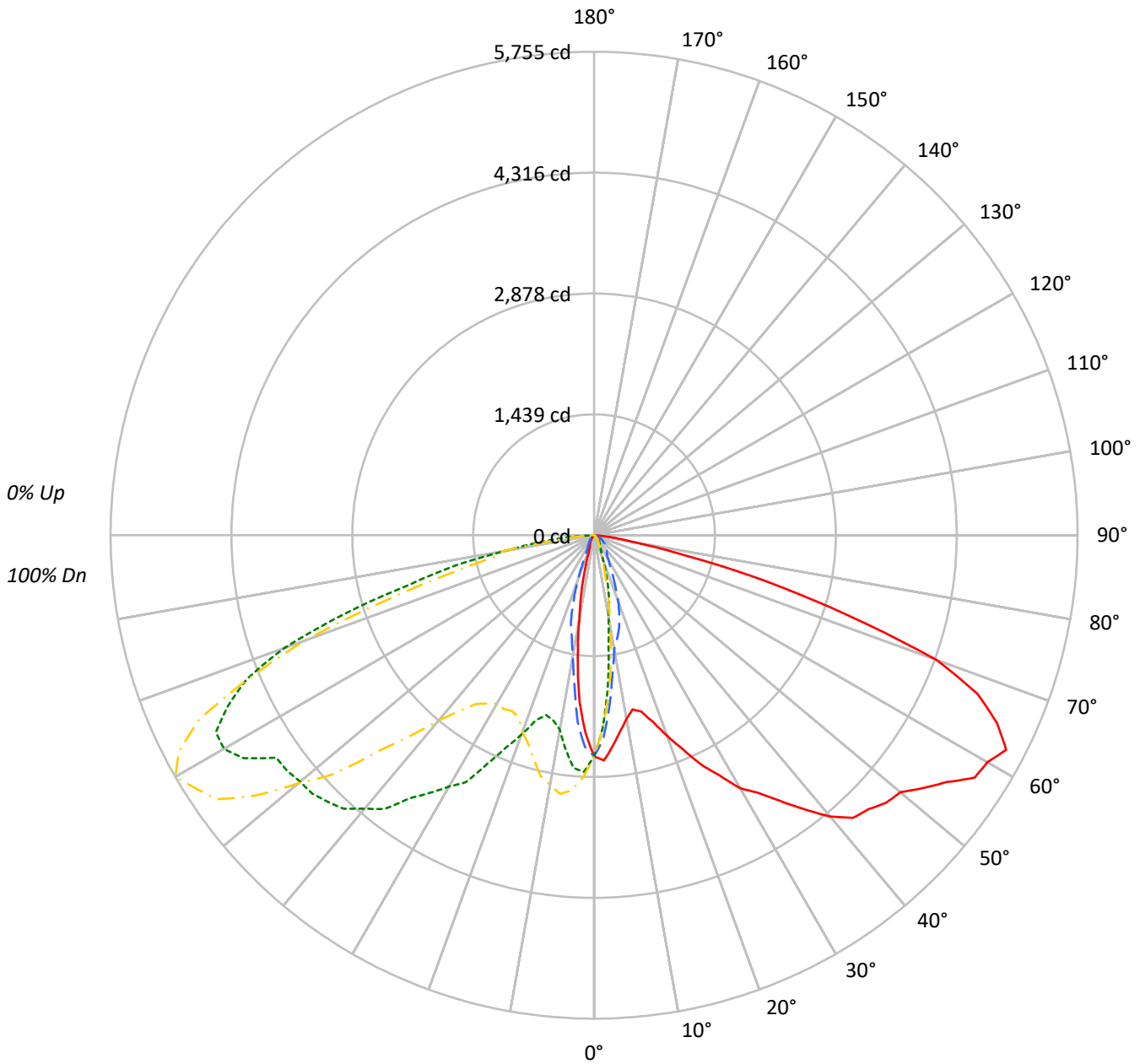
Lumens per Lamp: N/A
 Luminaire Lumens: 6878.9 lumens
 Efficiency: N/A
 Efficacy: 107.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P599254
CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · - 135°-315°

TEST NUMBER: P599254
 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	56614	56614	56614	56614
5°	54505	39838	42883	60076
10°	48527	21689	21974	51366
15°	48444	14467	8846	49353
20°	58165	7223	3526	57826
25°	71540	4537	2732	71189
30°	86439	3642	2076	85888
35°	101427	2925	1608	100403
40°	122791	2501	1043	119402
45°	140479	2259	563	136582
50°	159379	2174	124	152858
55°	192253	2087	0	173322
60°	232763	1757	0	218951
65°	269524	1416	0	244961
70°	272922	1164	0	247008
75°	176627	774	0	189428
80°	60239	236	0	134041
85°	30233	0	0	98481

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 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.2	2.9
10°-20°	385.7	5.6
20°-30°	537.2	7.8
30°-40°	763.4	11.1
40°-50°	1058.6	15.4
50°-60°	1442.4	21.0
60°-70°	1585.8	23.1
70°-80°	779.4	11.3
80°-90°	127.3	1.9
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°	1122.2	16.3
0°-40°	1885.6	27.4
0°-60°	4386.5	63.8
0°-90°	6878.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6878.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2630	2630	2630	2630	2630	
5°	2522	1844	1984	2780	2522	231
15°	2174	649	397	2214	2174	643
25°	3012	191	115	2997	3012	1400
35°	3859	111	61	3820	3859	2450
45°	4614	74	18	4486	4614	3577
55°	5122	56	0	4618	5122	4608
65°	5291	28	0	4809	5291	5113
75°	2124	9	0	2277	2124	2315
85°	122	0	0	399	122	169
90°	0	0	0	0	0	

TEST NUMBER: P599254
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8
2.5°	2683.6	2715.1	2685.4	2581.6	2563.0	2513.0	2436.9	2431.4	2351.6	2360.9	2318.2
5°	2522.2	2553.8	2490.7	2353.5	2225.5	2123.5	2062.3	1952.9	1928.8	1875.0	1875.0
7.5°	2357.2	2355.3	2247.7	2132.8	1941.7	1754.4	1669.1	1511.5	1418.8	1368.7	1320.5
10°	2219.9	2190.3	2123.5	1886.1	1678.4	1483.7	1378.0	1274.1	1177.7	1094.2	1010.7
12.5°	2123.5	2142.0	2036.3	1778.5	1509.6	1374.2	1261.1	1151.7	1036.7	942.1	849.4
15°	2173.6	2143.9	2019.6	1754.4	1481.8	1296.4	1146.1	1012.6	884.6	760.4	689.9
17.5°	2329.4	2253.3	2106.8	1754.4	1424.3	1177.7	995.9	838.3	701.0	589.8	502.6
20°	2538.9	2451.8	2294.1	1819.3	1381.7	1090.5	842.0	643.5	500.7	396.9	330.1
22.5°	2754.0	2685.4	2448.0	1845.3	1331.6	973.7	663.9	465.5	333.8	267.1	233.7
25°	3011.8	2915.4	2655.8	1949.2	1257.4	860.5	523.0	324.6	248.5	213.3	192.9
27.5°	3217.7	3201.0	2850.5	2012.2	1201.8	767.8	413.6	257.8	205.9	179.9	166.9
30°	3477.3	3386.5	3087.9	2138.3	1138.7	662.1	345.0	231.8	189.2	161.3	152.1
32.5°	3633.1	3590.5	3212.1	2208.8	1068.2	574.9	296.7	204.0	172.5	152.1	142.8
35°	3859.4	3774.1	3390.2	2253.3	1031.1	524.8	267.1	185.5	144.7	124.3	113.1
37.5°	4111.6	4080.1	3603.4	2251.5	977.4	495.2	246.7	172.5	137.2	115.0	102.0
40°	4369.4	4241.4	3733.3	2303.4	949.5	472.9	231.8	165.1	129.8	109.4	92.7
42.5°	4562.3	4415.8	3883.5	2284.8	916.2	434.0	226.3	153.9	124.3	100.1	85.3
45°	4614.2	4562.3	4018.9	2279.3	892.1	402.4	217.0	152.1	120.5	94.6	79.7
47.5°	4714.3	4679.1	4185.8	2288.6	873.5	378.3	194.7	155.8	115.0	89.0	76.0
50°	4758.8	4695.8	4321.2	2310.8	830.9	348.7	174.3	163.2	113.1	87.2	72.3
52.5°	4942.5	4886.8	4506.6	2373.9	795.6	309.7	153.9	155.8	116.8	81.6	68.6
55°	5122.3	5059.3	4792.2	2518.5	745.5	278.2	131.7	137.2	111.3	74.2	61.2
57.5°	5369.0	5265.1	4983.3	2577.9	701.0	235.5	116.8	113.1	103.9	66.8	53.8
60°	5406.1	5448.8	4955.4	2540.8	654.7	207.7	102.0	87.2	111.3	59.3	46.4
62.5°	5530.4	5352.3	4825.6	2455.5	621.3	191.0	90.9	72.3	96.4	51.9	38.9
65°	5291.1	5159.4	4521.5	2181.0	578.6	192.9	79.7	59.3	61.2	42.7	31.5
67.5°	4940.6	4836.7	4017.0	1882.4	536.0	189.2	70.5	51.9	46.4	37.1	27.8
70°	4336.0	4111.6	3412.4	1528.2	472.9	176.2	59.3	46.4	38.9	29.7	20.4
72.5°	3154.6	3063.8	2448.0	1181.4	424.7	159.5	55.6	38.9	33.4	22.3	16.7
75°	2123.5	1973.3	1544.9	775.2	341.2	139.1	46.4	35.2	26.0	16.7	13.0
77.5°	1122.0	1060.8	875.4	369.1	189.2	64.9	26.0	20.4	14.8	13.0	7.4
80°	485.9	432.1	378.3	150.2	66.8	29.7	16.7	11.1	9.3	7.4	3.7
82.5°	248.5	237.4	196.6	64.9	38.9	22.3	9.3	7.4	5.6	3.7	1.9
85°	122.4	126.1	103.9	20.4	22.3	13.0	1.9	1.9	0.0	0.0	0.0
87.5°	9.3	9.3	7.4	3.7	5.6	1.9	0.0	0.0	0.0	0.0	0.0
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: P599254
 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8
2.5°	2301.5	2327.5	2283.0	2310.8	2297.8	2303.4	2309.0	2294.1	2297.8	2349.8	2351.6
5°	1843.5	1893.5	1875.0	1900.9	1945.5	1923.2	1943.6	1939.9	1943.6	1951.0	1984.4
7.5°	1314.9	1300.1	1335.3	1403.9	1483.7	1531.9	1507.8	1494.8	1487.4	1468.8	1491.1
10°	992.2	984.8	975.5	995.9	1047.8	1101.6	1131.3	1081.2	1053.4	1018.2	1005.2
12.5°	823.4	777.1	751.1	719.6	734.4	782.6	784.5	736.3	691.8	673.2	693.6
15°	649.1	617.6	571.2	526.7	504.4	541.5	510.0	463.6	406.2	398.7	396.9
17.5°	463.6	445.1	411.7	393.2	367.2	357.9	324.6	254.1	213.3	202.1	205.9
20°	315.3	300.4	298.6	281.9	270.8	263.4	209.6	163.2	150.2	152.1	153.9
22.5°	233.7	226.3	217.0	215.1	205.9	196.6	153.9	137.2	128.0	128.0	133.5
25°	191.0	187.3	178.0	174.3	170.6	157.6	129.8	116.8	113.1	109.4	115.0
27.5°	163.2	161.3	155.8	150.2	146.5	133.5	113.1	102.0	98.3	98.3	98.3
30°	146.5	146.5	139.1	128.0	128.0	113.1	96.4	89.0	85.3	85.3	83.5
32.5°	137.2	133.5	124.3	116.8	111.3	96.4	85.3	77.9	72.3	72.3	74.2
35°	111.3	111.3	109.4	103.9	96.4	81.6	72.3	64.9	61.2	59.3	61.2
37.5°	98.3	92.7	85.3	87.2	83.5	70.5	61.2	55.6	50.1	50.1	50.1
40°	89.0	83.5	76.0	70.5	68.6	63.1	53.8	44.5	38.9	37.1	37.1
42.5°	79.7	76.0	64.9	55.6	53.8	53.8	40.8	33.4	27.8	27.8	27.8
45°	74.2	68.6	59.3	48.2	38.9	40.8	33.4	24.1	20.4	18.5	18.5
47.5°	70.5	64.9	51.9	40.8	29.7	29.7	24.1	16.7	13.0	11.1	11.1
50°	64.9	59.3	46.4	33.4	22.3	18.5	14.8	9.3	5.6	3.7	3.7
52.5°	61.2	55.6	40.8	27.8	18.5	13.0	9.3	1.9	0.0	0.0	0.0
55°	55.6	48.2	35.2	22.3	14.8	7.4	1.9	0.0	0.0	0.0	0.0
57.5°	48.2	42.7	27.8	16.7	9.3	1.9	0.0	0.0	0.0	0.0	0.0
60°	40.8	35.2	22.3	13.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	33.4	29.7	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	27.8	22.3	13.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	24.1	18.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	18.5	13.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	13.0	9.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	9.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8
2.5°	2359.0	2414.7	2466.6	2481.4	2522.2	2635.4	2635.4	2689.1	2785.6	2820.8	2828.2
5°	1990.0	2049.3	2060.4	2175.4	2229.2	2344.2	2420.2	2602.0	2711.4	2780.0	2822.7
7.5°	1513.3	1533.7	1576.4	1684.0	1789.7	1928.8	2073.4	2305.2	2498.1	2576.0	2720.7
10°	1040.4	1101.6	1194.3	1290.8	1455.8	1609.8	1797.1	2015.9	2253.3	2349.8	2474.0
12.5°	701.0	786.3	934.7	1071.9	1224.0	1379.8	1557.8	1850.9	2119.8	2253.3	2377.6
15°	409.9	513.7	641.7	864.2	1066.4	1240.7	1418.8	1715.5	2041.9	2214.4	2366.4
17.5°	207.7	239.2	345.0	537.8	804.9	1090.5	1355.7	1734.0	2101.2	2312.7	2438.8
20°	155.8	165.1	194.7	285.6	550.8	901.3	1296.4	1761.8	2266.3	2524.1	2592.7
22.5°	135.4	142.8	155.8	185.5	309.7	689.9	1212.9	1830.5	2490.7	2733.6	2878.3
25°	115.0	122.4	133.5	152.1	198.4	469.2	1110.9	1902.8	2691.0	2997.0	3132.4
27.5°	100.1	105.7	116.8	131.7	161.3	298.6	934.7	1999.2	2997.0	3316.0	3351.2
30°	85.3	90.9	100.1	116.8	137.2	211.4	686.2	2012.2	3165.8	3455.1	3553.4
32.5°	74.2	76.0	87.2	102.0	115.0	166.9	482.2	2025.2	3290.0	3635.0	3655.4
35°	61.2	64.9	76.0	85.3	100.1	131.7	365.4	1960.3	3451.4	3820.4	3814.9
37.5°	50.1	55.6	63.1	70.5	81.6	111.3	291.2	1839.7	3653.5	4107.9	3933.6
40°	38.9	44.5	51.9	61.2	68.6	100.1	218.8	1658.0	3864.9	4248.8	4063.4
42.5°	27.8	31.5	38.9	48.2	61.2	83.5	157.6	1442.9	3948.4	4413.9	4219.2
45°	20.4	24.1	29.7	40.8	63.1	66.8	109.4	1246.3	4037.4	4486.2	4183.9
47.5°	11.1	14.8	22.3	35.2	55.6	50.1	77.9	1070.1	4139.4	4551.1	4211.7
50°	3.7	5.6	13.0	37.1	44.5	38.9	61.2	975.5	4239.6	4564.1	4267.4
52.5°	0.0	0.0	7.4	38.9	33.4	29.7	53.8	938.4	4213.6	4604.9	4232.1
55°	0.0	0.0	1.9	16.7	18.5	22.3	44.5	936.6	4397.2	4617.9	4425.0
57.5°	0.0	0.0	0.0	5.6	11.1	18.5	38.9	877.2	4514.0	4940.6	4684.7
60°	0.0	0.0	0.0	1.9	7.4	13.0	29.7	825.3	4632.7	5085.3	4962.9
62.5°	0.0	0.0	0.0	0.0	1.9	5.6	20.4	745.5	4393.5	5074.1	5231.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	13.0	589.8	3952.1	4808.9	5083.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.4	408.0	3460.6	4475.1	4810.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	246.7	2793.0	3924.3	4080.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.7	1993.7	3115.7	3347.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.7	1233.3	2277.4	2563.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	799.3	1724.8	1945.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	426.6	1081.2	1257.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.5	656.5	756.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.3	398.7	454.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.2	81.6
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: P599254
 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8	2629.8
2.5°	2831.9	2885.7	2906.1	2874.6	2878.3	2813.4	2804.1	2713.2	2676.2	2683.6
5°	2961.8	3039.7	3082.3	3047.1	2967.3	2843.1	2729.9	2622.4	2555.6	2522.2
7.5°	2932.1	3019.3	3073.0	3106.4	3015.5	2815.3	2642.8	2440.6	2355.3	2357.2
10°	2768.9	2950.6	3060.1	3017.4	2974.7	2774.4	2507.4	2288.6	2212.5	2219.9
12.5°	2637.2	2839.4	2904.3	2937.7	2850.5	2691.0	2511.1	2260.7	2175.4	2123.5
15°	2555.6	2705.8	2709.5	2761.5	2726.2	2726.2	2550.0	2305.2	2231.1	2173.6
17.5°	2555.6	2589.0	2585.3	2603.8	2663.2	2733.6	2648.3	2485.1	2338.6	2329.4
20°	2613.1	2509.2	2485.1	2492.6	2542.6	2752.2	2865.3	2661.3	2568.6	2538.9
22.5°	2746.6	2518.5	2372.0	2346.0	2500.0	2750.3	3004.4	2939.5	2778.2	2754.0
25°	2930.2	2501.8	2342.3	2309.0	2425.8	2817.1	3195.4	3208.4	3061.9	3011.8
27.5°	3104.6	2576.0	2338.6	2331.2	2485.1	2802.3	3327.1	3423.6	3258.5	3217.7
30°	3163.9	2650.2	2407.2	2309.0	2507.4	2856.1	3323.4	3575.6	3468.1	3477.3
32.5°	3234.4	2724.4	2414.7	2375.7	2602.0	2943.2	3429.1	3820.4	3742.5	3633.1
35°	3338.2	2824.5	2485.1	2449.9	2668.7	3021.1	3451.4	4000.3	3987.3	3859.4
37.5°	3427.3	2922.8	2631.6	2637.2	2872.7	3147.2	3549.7	4221.0	4198.8	4111.6
40°	3490.3	3060.1	2859.8	2874.6	3050.8	3288.2	3724.0	4332.3	4497.4	4369.4
42.5°	3499.6	3182.5	3121.3	3239.9	3405.0	3507.0	3794.5	4408.3	4645.7	4562.3
45°	3534.8	3377.2	3547.8	3635.0	3770.4	3699.9	3790.8	4538.2	4656.8	4614.2
47.5°	3672.1	3731.4	3946.5	4211.7	4260.0	4028.1	3879.8	4558.6	4719.9	4714.3
50°	3814.9	4111.6	4413.9	4590.1	4651.3	4254.4	3963.2	4541.9	4803.4	4758.8
52.5°	3974.4	4441.7	4877.5	5094.5	5061.1	4504.8	4057.8	4677.2	4957.3	4942.5
55°	4074.5	4590.1	5176.1	5478.4	5452.5	4784.8	4358.3	4872.0	5159.4	5122.3
57.5°	4339.7	4831.2	5472.9	5613.8	5682.4	5152.0	4567.8	5191.0	5328.2	5369.0
60°	4558.6	4988.8	5550.8	5754.8	5778.9	5370.9	4935.0	5519.2	5543.3	5406.1
62.5°	4879.4	5050.0	5385.7	5569.3	5693.6	5495.1	5265.1	5695.4	5539.6	5530.4
65°	5114.9	4849.7	5077.8	5179.8	5259.6	5305.9	5597.1	5816.0	5471.0	5291.1
67.5°	4983.3	4471.4	4428.7	4434.3	4458.4	4738.4	5485.8	5521.1	5089.0	4940.6
70°	4386.1	3668.4	3610.9	3655.4	3534.8	3872.4	5035.2	5018.5	4489.9	4336.0
72.5°	3547.8	2674.3	2576.0	2637.2	2665.0	3023.0	4235.9	3805.6	3275.2	3154.6
75°	2819.0	1960.3	1654.3	1802.7	1897.2	2201.4	3308.6	2585.3	2286.7	2123.5
77.5°	2214.4	1483.7	1287.1	1227.7	1314.9	1600.5	2407.2	1357.6	1198.1	1122.0
80°	1403.9	1090.5	1183.2	1097.9	1135.0	1142.4	1253.7	617.6	491.5	485.9
82.5°	845.7	745.5	886.5	487.8	888.3	793.8	521.1	280.0	248.5	248.5
85°	599.0	461.8	306.0	198.4	395.0	435.8	202.1	144.7	126.1	122.4
87.5°	300.4	142.8	68.6	44.5	50.1	81.6	24.1	11.1	11.1	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)