

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: P599515

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

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599515
 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-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

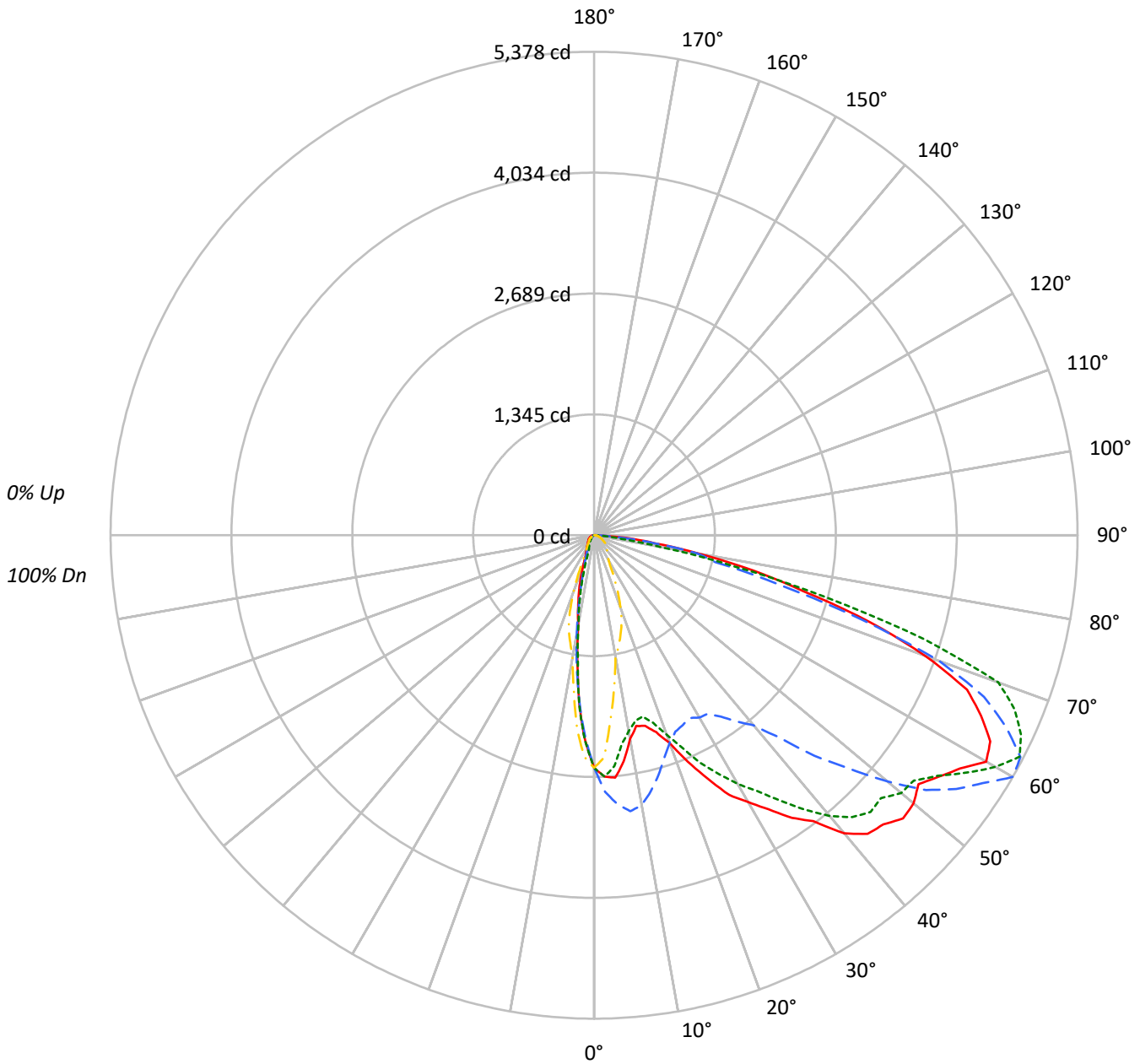
Lumens per Lamp: N/A
 Luminaire Lumens: 6878.2 lumens
 Efficiency: N/A
 Efficacy: 107.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	55673	55673	55673	55673
5°	58507	55689	40685	40923
10°	50308	48383	22245	21722
15°	48918	46502	14451	10890
20°	56385	54030	7743	3872
25°	70897	66317	5017	3010
30°	85152	79355	4064	2466
35°	100839	94610	3330	1979
40°	121662	114541	2942	1498
45°	138512	132475	2740	1008
50°	155387	149358	2706	616
55°	175724	175101	2687	274
60°	216846	221986	2450	78
65°	241951	266840	2246	0
70°	246712	301164	2083	0
75°	200748	222133	1988	0
80°	145967	92906	2046	0
85°	94356	39027	2717	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.5	2.9
10°-20°	385.3	5.6
20°-30°	533.1	7.8
30°-40°	753.5	11.0
40°-50°	1025.9	14.9
50°-60°	1358.7	19.8
60°-70°	1577.5	22.9
70°-80°	893.4	13.0
80°-90°	154.4	2.2
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°	1114.9	16.2
0°-40°	1868.3	27.2
0°-60°	4252.9	61.8
0°-90°	6878.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6878.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2586	2586	2586	2586	2586	
5°	2707	2577	1883	1894	2707	243
15°	2195	2086	648	489	2195	644
25°	2985	2792	211	127	2985	1392
35°	3837	3600	127	75	3837	2419
45°	4550	4351	90	33	4550	3527
55°	4682	4665	72	7	4682	4242
65°	4750	5238	44	0	4750	4630
75°	2414	2671	24	0	2414	2634
85°	382	158	11	0	382	459
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1
2.5°	2687.2	2744.1	2745.9	2771.7	2797.4	2797.4	2858.0	2843.3	2790.0	2780.8	2742.3
5°	2707.4	2727.6	2742.3	2872.7	2982.9	2971.9	3004.9	2982.9	2880.0	2747.8	2657.8
7.5°	2532.9	2554.9	2613.7	2835.9	2984.7	3034.3	3096.8	2959.0	2850.6	2611.9	2439.2
10°	2301.4	2343.7	2452.1	2705.5	2889.2	3047.2	3047.2	2937.0	2727.6	2494.3	2283.1
12.5°	2172.9	2257.4	2316.1	2573.3	2812.1	2920.4	2916.8	2858.0	2722.1	2428.2	2189.4
15°	2194.9	2218.8	2343.7	2543.9	2701.9	2696.4	2762.5	2744.1	2648.6	2487.0	2224.3
17.5°	2295.9	2332.7	2441.0	2543.9	2619.2	2597.2	2595.3	2683.5	2689.0	2586.1	2354.7
20°	2461.2	2569.6	2621.0	2652.3	2560.4	2466.8	2455.7	2578.8	2674.3	2712.9	2510.8
22.5°	2725.7	2797.4	2902.1	2742.3	2503.5	2385.9	2363.9	2499.8	2692.7	2863.5	2712.9
25°	2984.7	3039.8	3140.8	2935.1	2567.8	2369.4	2330.8	2448.4	2762.5	3072.9	2957.2
27.5°	3258.4	3306.2	3317.2	3076.6	2602.7	2336.3	2290.4	2448.4	2821.2	3183.1	3249.2
30°	3425.5	3482.5	3493.5	3201.5	2659.6	2363.9	2341.9	2459.4	2861.7	3276.8	3458.6
32.5°	3612.9	3627.6	3618.4	3223.5	2722.1	2444.7	2352.9	2532.9	2907.6	3388.8	3649.6
35°	3837.0	3862.7	3769.0	3324.5	2861.7	2496.1	2463.1	2622.9	2986.6	3440.2	3881.1
37.5°	4007.8	4088.6	3877.4	3363.1	2889.2	2604.5	2610.0	2810.2	3041.7	3502.7	4136.4
40°	4329.2	4193.3	4061.1	3495.3	2993.9	2788.2	2758.8	3003.1	3227.2	3543.1	4303.5
42.5°	4505.6	4433.9	4132.7	3508.2	3155.5	3041.7	3049.0	3221.7	3324.5	3657.0	4349.4
45°	4549.6	4474.3	4230.0	3517.4	3315.3	3341.0	3467.8	3500.8	3467.8	3732.3	4435.8
47.5°	4661.7	4498.2	4219.0	3640.4	3574.3	3673.5	3835.1	3906.8	3662.5	3704.7	4476.2
50°	4639.6	4546.0	4195.1	3691.9	3890.2	4152.9	4261.3	4231.9	3879.2	3647.8	4432.1
52.5°	4547.8	4446.8	4268.6	3831.5	4186.0	4503.7	4654.3	4580.9	4072.1	3776.4	4402.7
55°	4681.9	4604.7	4364.1	4020.6	4408.2	4812.3	4918.8	4863.7	4309.0	3895.7	4569.8
57.5°	4827.0	4810.5	4623.1	4242.9	4670.9	5130.0	5130.0	5062.1	4514.7	4068.4	4817.8
60°	5036.4	5073.1	4814.1	4389.8	4760.9	5111.7	5378.0	5299.0	4722.3	4371.5	5098.8
62.5°	4968.4	5086.0	5060.2	4705.8	4863.7	5201.7	5346.8	5405.6	4979.4	4740.7	5473.5
65°	4749.8	4874.7	5058.4	4913.3	4786.6	4983.1	5056.6	5234.7	5108.0	5087.8	5627.8
67.5°	4489.0	4624.9	4738.8	5052.9	4630.4	4760.9	4696.6	4753.5	4968.4	5468.0	5716.0
70°	3919.6	4050.0	4230.0	4742.5	4217.2	4099.6	4083.1	4055.5	4389.8	5332.1	5315.6
72.5°	3223.5	3284.1	3581.7	3855.3	3120.6	3098.6	3124.3	3093.1	3480.6	4827.0	4553.3
75°	2413.5	2474.1	2643.1	2960.8	2125.1	1998.4	2145.3	2290.4	2657.8	3747.0	3271.3
77.5°	1814.7	1891.9	1998.4	2215.1	1559.4	1361.0	1381.2	1519.0	1921.2	3001.3	1833.1
80°	1177.4	1168.2	1373.9	1524.5	1173.7	1210.4	1159.0	1260.0	1392.3	1605.3	936.7
82.5°	679.6	688.8	775.1	874.3	817.4	934.9	674.1	1125.9	993.7	653.9	349.0
85°	382.0	398.6	477.6	606.1	512.5	343.5	281.0	558.4	624.5	268.2	169.0
87.5°	38.6	33.1	64.3	229.6	139.6	56.9	84.5	134.1	150.6	101.0	49.6
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°	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1
2.5°	2687.2	2687.2	2641.2	2564.1	2532.9	2477.8	2402.5	2426.3	2400.6	2307.0	2283.1
5°	2577.0	2488.8	2393.3	2275.7	2207.8	2068.2	2024.1	1945.1	1958.0	1879.0	1882.7
7.5°	2347.4	2277.6	2115.9	1961.6	1827.6	1706.3	1535.5	1471.2	1408.8	1377.6	1414.3
10°	2213.3	2082.9	1862.5	1660.4	1482.3	1373.9	1260.0	1171.8	1091.0	1030.4	1017.6
12.5°	2115.9	2000.2	1733.9	1487.8	1348.2	1260.0	1155.3	1034.1	955.1	850.4	819.2
15°	2086.5	1945.1	1664.1	1419.8	1283.9	1138.8	1019.4	900.0	797.1	686.9	648.4
17.5°	2187.6	2024.1	1662.3	1364.7	1173.7	1017.6	852.3	718.2	613.5	512.5	488.6
20°	2358.4	2108.6	1715.5	1331.6	1069.0	859.6	672.3	538.2	420.6	354.5	338.0
22.5°	2553.1	2251.9	1721.0	1243.5	964.3	701.6	490.4	354.5	288.4	257.1	248.0
25°	2791.9	2481.5	1787.2	1171.8	841.2	532.7	349.0	271.8	233.3	214.9	211.2
27.5°	2988.4	2641.2	1858.8	1096.5	720.0	394.9	273.7	222.2	202.0	183.7	181.8
30°	3192.3	2824.9	1879.0	1050.6	615.3	325.1	235.1	196.5	174.5	165.3	163.5
32.5°	3370.4	3025.1	1943.3	975.3	516.1	286.5	213.1	176.3	161.6	146.9	145.1
35°	3600.0	3140.8	1974.5	934.9	479.4	259.0	194.7	161.6	139.6	130.4	126.7
37.5°	3846.2	3252.9	1994.7	903.7	448.2	242.5	183.7	152.5	132.2	119.4	115.7
40°	4075.8	3410.8	1965.3	865.1	424.3	222.2	176.3	141.4	123.1	110.2	104.7
42.5°	4252.1	3565.1	1956.1	828.4	398.6	214.9	167.1	135.9	115.7	101.0	99.2
45°	4351.3	3669.8	1891.9	799.0	378.4	218.6	163.5	128.6	110.2	97.3	90.0
47.5°	4327.4	3750.6	1908.4	789.8	350.8	203.9	161.6	123.1	101.0	90.0	84.5
50°	4459.6	3914.1	1880.8	760.4	330.6	183.7	176.3	123.1	99.2	86.3	80.8
52.5°	4481.7	4062.9	1939.6	707.1	299.4	169.0	174.5	121.2	95.5	82.7	75.3
55°	4665.3	4235.5	2053.5	677.8	273.7	146.9	159.8	117.6	86.3	75.3	71.6
57.5°	4915.1	4593.7	2127.0	650.2	238.8	128.6	134.1	115.7	79.0	69.8	64.3
60°	5155.8	4737.0	2132.5	600.6	205.7	115.7	104.7	115.7	73.5	62.4	56.9
62.5°	5335.8	4737.0	2095.7	558.4	180.0	102.9	91.8	110.2	66.1	55.1	51.4
65°	5238.4	4610.2	2000.2	523.5	163.5	90.0	79.0	84.5	58.8	47.8	44.1
67.5°	5063.9	4215.3	1789.0	481.2	161.6	79.0	68.0	62.4	51.4	42.2	38.6
70°	4784.7	3682.7	1489.6	433.5	158.0	71.6	60.6	53.3	45.9	36.7	33.1
72.5°	3855.3	3041.7	1223.3	405.9	154.3	62.4	51.4	45.9	38.6	31.2	27.6
75°	2670.6	1943.3	942.3	347.1	150.6	56.9	47.8	40.4	33.1	25.7	23.9
77.5°	1601.6	1298.6	608.0	260.8	99.2	45.9	40.4	31.2	27.6	22.0	20.2
80°	749.4	613.5	246.1	101.0	47.8	33.1	27.6	23.9	22.0	18.4	16.5
82.5°	293.9	259.0	119.4	58.8	38.6	25.7	22.0	20.2	18.4	14.7	12.9
85°	158.0	139.6	56.9	40.4	27.6	18.4	18.4	16.5	14.7	12.9	11.0
87.5°	34.9	25.7	23.9	23.9	20.2	14.7	14.7	12.9	11.0	9.2	7.3
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°	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1
2.5°	2270.2	2297.8	2253.7	2281.2	2242.7	2272.1	2275.7	2248.2	2255.5	2292.3	2308.8
5°	1934.1	1915.7	1875.3	1862.5	1864.3	1840.4	1849.6	1862.5	1882.7	1893.7	1926.8
7.5°	1394.1	1436.3	1434.5	1465.7	1467.6	1463.9	1438.2	1383.1	1401.4	1386.7	1405.1
10°	997.4	1015.7	1050.6	1070.8	1107.6	1087.4	1028.6	1006.5	995.5	993.7	1012.0
12.5°	797.1	753.1	749.4	756.7	775.1	751.2	721.8	696.1	709.0	734.7	754.9
15°	617.1	580.4	532.7	525.3	529.0	518.0	486.7	453.7	462.9	488.6	503.3
17.5°	473.9	431.6	398.6	376.5	369.2	330.6	284.7	257.1	249.8	248.0	260.8
20°	319.6	312.2	306.7	279.2	279.2	224.1	185.5	165.3	165.3	169.0	170.8
22.5°	238.8	229.6	231.4	225.9	211.2	167.1	146.9	141.4	141.4	145.1	145.1
25°	207.6	194.7	191.0	189.2	174.5	143.3	128.6	123.1	123.1	126.7	126.7
27.5°	176.3	172.7	167.1	159.8	146.9	123.1	113.9	108.4	110.2	112.0	110.2
30°	161.6	152.5	145.1	145.1	130.4	110.2	102.9	99.2	95.5	99.2	101.0
32.5°	143.3	137.8	134.1	128.6	112.0	97.3	90.0	86.3	84.5	84.5	86.3
35°	123.1	123.1	119.4	112.0	97.3	88.2	79.0	75.3	73.5	75.3	75.3
37.5°	110.2	104.7	106.5	99.2	86.3	77.1	68.0	64.3	64.3	62.4	64.3
40°	102.9	93.7	88.2	84.5	77.1	66.1	58.8	55.1	53.3	53.3	53.3
42.5°	91.8	84.5	73.5	71.6	69.8	56.9	47.8	45.9	44.1	42.2	42.2
45°	86.3	75.3	66.1	56.9	56.9	47.8	40.4	36.7	34.9	33.1	34.9
47.5°	79.0	68.0	56.9	47.8	45.9	38.6	31.2	27.6	25.7	25.7	25.7
50°	75.3	60.6	49.6	40.4	34.9	31.2	23.9	20.2	18.4	18.4	18.4
52.5°	69.8	56.9	44.1	34.9	27.6	23.9	18.4	14.7	12.9	12.9	12.9
55°	62.4	51.4	38.6	29.4	23.9	18.4	12.9	9.2	7.3	7.3	7.3
57.5°	58.8	45.9	33.1	25.7	18.4	12.9	7.3	5.5	5.5	3.7	5.5
60°	53.3	40.4	27.6	20.2	14.7	9.2	5.5	1.8	1.8	1.8	1.8
62.5°	45.9	34.9	23.9	16.5	11.0	5.5	1.8	0.0	0.0	0.0	0.0
65°	38.6	27.6	18.4	12.9	7.3	1.8	0.0	0.0	0.0	0.0	0.0
67.5°	33.1	23.9	14.7	9.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	29.4	20.2	11.0	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	23.9	16.5	9.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	20.2	12.9	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.5	9.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	12.9	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	1.8	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

TEST NUMBER: P599515
 CATALOG NUMBER: IFLD-S-SA2A-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1	2586.1
2.5°	2332.7	2321.7	2376.8	2466.8	2512.7	2602.7	2624.7	2681.7	2667.0	2687.2
5°	1930.4	1952.5	2033.3	2165.5	2213.3	2343.7	2466.8	2589.8	2668.8	2707.4
7.5°	1432.7	1506.1	1605.3	1726.5	1849.6	2020.4	2229.8	2373.1	2450.2	2532.9
10°	1067.2	1146.1	1260.0	1379.4	1579.6	1770.6	1980.0	2158.2	2224.3	2301.4
12.5°	839.4	962.5	1094.7	1223.3	1342.7	1524.5	1783.5	2042.5	2114.1	2172.9
15°	584.1	734.7	923.9	1091.0	1258.2	1416.1	1684.3	1998.4	2095.7	2194.9
17.5°	323.3	442.7	659.4	894.5	1140.6	1383.1	1717.4	2079.2	2226.1	2295.9
20°	187.3	235.1	389.4	668.6	993.7	1311.4	1733.9	2231.7	2426.3	2461.2
22.5°	154.3	170.8	220.4	418.8	813.7	1265.5	1818.4	2444.7	2643.1	2725.7
25°	132.2	145.1	170.8	251.6	615.3	1168.2	1871.6	2711.0	2894.7	2984.7
27.5°	117.6	130.4	150.6	185.5	418.8	1034.1	1959.8	2951.7	3135.3	3258.4
30°	102.9	113.9	134.1	158.0	290.2	883.5	2035.1	3128.0	3387.0	3425.5
32.5°	91.8	101.0	115.7	135.9	214.9	670.4	2095.7	3309.8	3528.4	3612.9
35°	79.0	90.0	99.2	115.7	163.5	505.1	2059.0	3451.3	3736.0	3837.0
37.5°	69.8	77.1	86.3	97.3	137.8	394.9	1983.7	3620.2	3914.1	4007.8
40°	58.8	64.3	75.3	86.3	124.9	304.9	1897.4	3824.1	4163.9	4329.2
42.5°	49.6	55.1	62.4	80.8	102.9	225.9	1722.9	3982.1	4366.0	4505.6
45°	38.6	45.9	56.9	80.8	82.7	167.1	1542.9	4099.6	4479.8	4549.6
47.5°	29.4	36.7	55.1	69.8	66.1	115.7	1329.8	4233.7	4597.4	4661.7
50°	22.0	29.4	62.4	60.6	55.1	88.2	1195.7	4327.4	4604.7	4639.6
52.5°	14.7	22.0	51.4	45.9	45.9	77.1	1159.0	4323.7	4623.1	4547.8
55°	11.0	16.5	29.4	33.1	40.4	68.0	1125.9	4461.5	4628.6	4681.9
57.5°	7.3	12.9	20.2	25.7	34.9	58.8	1058.0	4626.8	4799.4	4827.0
60°	3.7	9.2	14.7	20.2	29.4	51.4	962.5	4748.0	5007.0	5036.4
62.5°	1.8	5.5	11.0	16.5	23.9	40.4	863.3	4555.1	4917.0	4968.4
65°	0.0	3.7	7.3	11.0	14.7	29.4	701.6	4112.5	4560.7	4749.8
67.5°	0.0	0.0	3.7	7.3	9.2	22.0	529.0	3741.5	4231.9	4489.0
70°	0.0	0.0	1.8	1.8	5.5	16.5	338.0	3098.6	3778.2	3919.6
72.5°	0.0	0.0	0.0	0.0	1.8	11.0	196.5	2301.4	2960.8	3223.5
75°	0.0	0.0	0.0	0.0	0.0	9.2	99.2	1480.4	2060.8	2413.5
77.5°	0.0	0.0	0.0	0.0	0.0	7.3	53.3	955.1	1519.0	1814.7
80°	0.0	0.0	0.0	0.0	0.0	1.8	31.2	554.7	971.6	1177.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.9	271.8	580.4	679.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	145.1	290.2	382.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	20.2	38.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)