

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: P599457

Luminaire Tested: **IFLD-S-SA2A-735-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: P599457
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

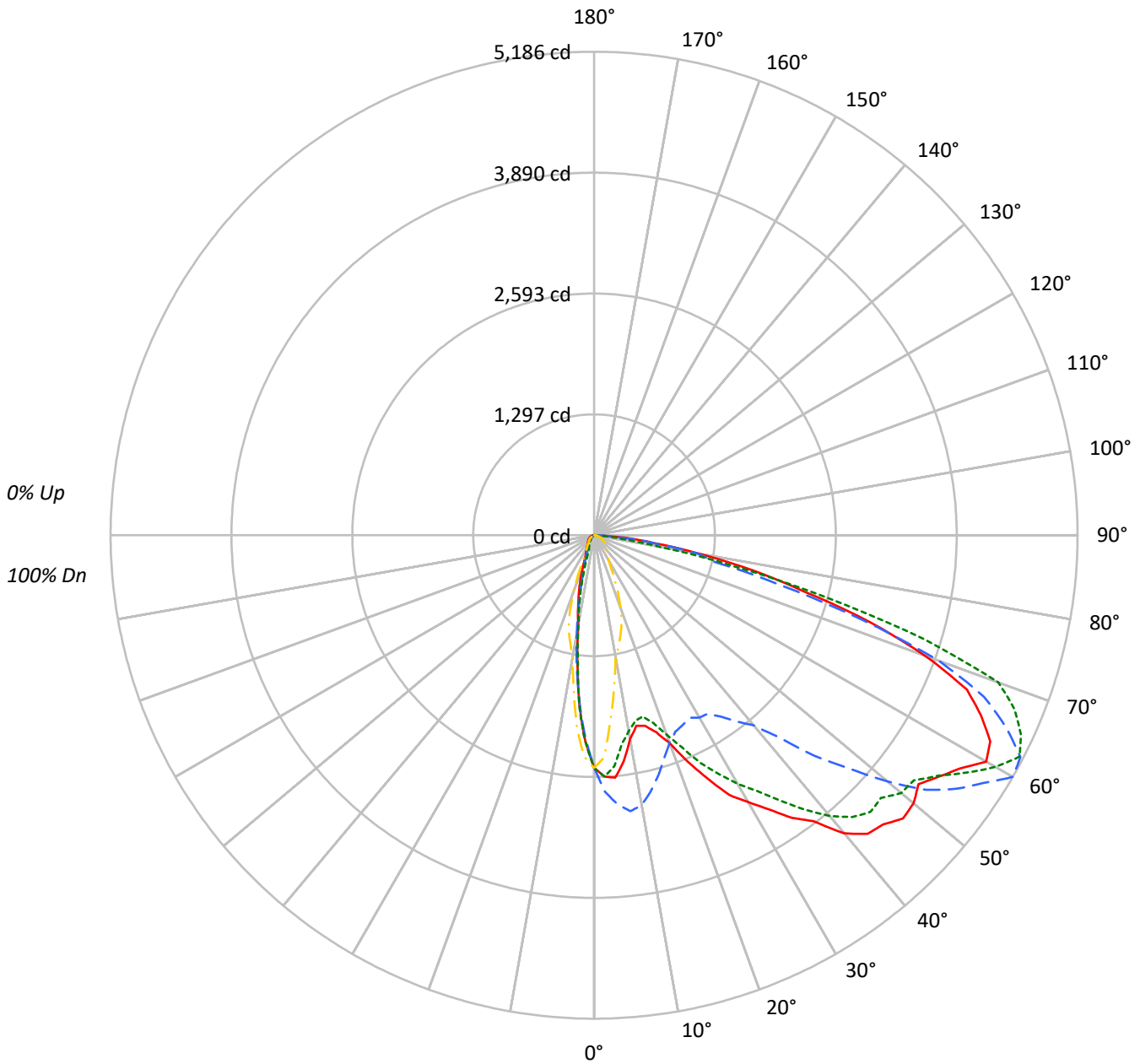
Lumens per Lamp: N/A
 Luminaire Lumens: 6632.1 lumens
 Efficiency: N/A
 Efficacy: 104.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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				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°	53682	53682	53682	53682
5°	56413	53697	39229	39458
10°	48509	46651	21449	20944
15°	47169	44840	13934	10500
20°	54369	52096	7466	3732
25°	68360	63944	4839	2903
30°	82107	76516	3918	2376
35°	97230	91225	3211	1908
40°	117309	110440	2836	1444
45°	133556	127735	2643	971
50°	149827	144016	2609	593
55°	169437	168837	2594	266
60°	209087	214043	2364	78
65°	233296	257294	2165	0
70°	237887	290388	2008	0
75°	193562	214189	1913	0
80°	140735	89583	1971	0
85°	90996	37619	2618	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.4	2.9
10°-20°	371.5	5.6
20°-30°	514.1	7.8
30°-40°	726.5	11.0
40°-50°	989.2	14.9
50°-60°	1310.1	19.8
60°-70°	1521.1	22.9
70°-80°	861.4	13.0
80°-90°	148.8	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°	1075.0	16.2
0°-40°	1801.5	27.2
0°-60°	4100.7	61.8
0°-90°	6632.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6632.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2494	2494	2494	2494	2494	
5°	2610	2485	1815	1826	2610	234
15°	2116	2012	625	471	2116	621
25°	2878	2692	204	122	2878	1342
35°	3700	3471	122	73	3700	2332
45°	4387	4196	87	32	4387	3401
55°	4514	4498	69	7	4514	4090
65°	4580	5051	42	0	4580	4465
75°	2327	2575	23	0	2327	2540
85°	368	152	11	0	368	443
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°	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6
2.5°	2591.0	2645.9	2647.7	2672.5	2697.3	2697.3	2755.7	2741.6	2690.2	2681.3	2644.1
5°	2610.5	2630.0	2644.1	2769.9	2876.2	2865.5	2897.4	2876.2	2777.0	2649.5	2562.7
7.5°	2442.3	2463.5	2520.2	2734.5	2877.9	2925.7	2986.0	2853.1	2748.6	2518.4	2351.9
10°	2219.1	2259.8	2364.3	2608.7	2785.8	2938.1	2938.1	2831.9	2630.0	2405.1	2201.4
12.5°	2095.1	2176.6	2233.3	2481.2	2711.4	2815.9	2812.4	2755.7	2624.7	2341.3	2111.1
15°	2116.4	2139.4	2259.8	2452.9	2605.2	2599.9	2663.6	2645.9	2553.8	2398.0	2144.7
17.5°	2213.8	2249.2	2353.7	2452.9	2525.5	2504.2	2502.5	2587.5	2592.8	2493.6	2270.5
20°	2373.2	2477.7	2527.3	2557.4	2468.8	2378.5	2367.9	2486.5	2578.6	2615.8	2421.0
22.5°	2628.2	2697.3	2798.2	2644.1	2413.9	2300.6	2279.3	2410.4	2596.3	2761.0	2615.8
25°	2877.9	2931.1	3028.5	2830.1	2475.9	2284.6	2247.4	2360.8	2663.6	2962.9	2851.4
27.5°	3141.8	3187.9	3198.5	2966.5	2509.6	2252.8	2208.5	2360.8	2720.3	3069.2	3133.0
30°	3303.0	3357.9	3368.5	3086.9	2564.5	2279.3	2258.1	2371.4	2759.3	3159.5	3334.9
32.5°	3483.6	3497.8	3488.9	3108.2	2624.7	2357.2	2268.7	2442.3	2803.5	3267.6	3519.0
35°	3699.7	3724.5	3634.2	3205.6	2759.3	2406.8	2375.0	2529.0	2879.7	3317.1	3742.2
37.5°	3864.4	3942.3	3738.6	3242.8	2785.8	2511.3	2516.6	2709.7	2932.8	3377.4	3988.4
40°	4174.3	4043.3	3915.7	3370.3	2886.8	2688.4	2660.1	2895.6	3111.7	3416.3	4149.5
42.5°	4344.3	4275.3	3984.8	3382.7	3042.6	2932.8	2939.9	3106.4	3205.6	3526.1	4193.8
45°	4386.8	4314.2	4078.7	3391.5	3196.7	3221.5	3343.7	3375.6	3343.7	3598.7	4277.0
47.5°	4494.9	4337.3	4068.1	3510.2	3446.4	3542.1	3697.9	3767.0	3531.4	3572.2	4316.0
50°	4473.6	4383.3	4045.0	3559.8	3751.0	4004.3	4108.8	4080.5	3740.4	3517.3	4273.5
52.5°	4385.1	4287.7	4115.9	3694.4	4036.2	4342.6	4487.8	4417.0	3926.4	3641.2	4245.2
55°	4514.4	4440.0	4208.0	3876.8	4250.5	4640.1	4742.8	4689.7	4154.8	3756.4	4406.3
57.5°	4654.3	4638.3	4457.7	4091.1	4503.7	4946.5	4946.5	4881.0	4353.2	3922.8	4645.4
60°	4856.2	4891.6	4641.9	4232.8	4590.5	4928.8	5185.6	5109.4	4553.3	4215.1	4916.4
62.5°	4790.6	4904.0	4879.2	4537.4	4689.7	5015.6	5155.5	5212.1	4801.3	4571.0	5277.7
65°	4579.9	4700.3	4877.4	4737.5	4615.3	4804.8	4875.6	5047.4	4925.2	4905.8	5426.4
67.5°	4328.4	4459.5	4569.3	4872.1	4464.8	4590.5	4528.5	4583.4	4790.6	5272.4	5511.4
70°	3779.4	3905.1	4078.7	4572.8	4066.3	3952.9	3937.0	3910.4	4232.8	5141.3	5125.4
72.5°	3108.2	3166.6	3453.5	3717.4	3009.0	2987.7	3012.5	2982.4	3356.1	4654.3	4390.4
75°	2327.1	2385.6	2548.5	2854.9	2049.1	1926.9	2068.6	2208.5	2562.7	3612.9	3154.2
77.5°	1749.8	1824.2	1926.9	2135.9	1503.6	1312.3	1331.8	1464.6	1852.5	2893.9	1767.5
80°	1135.2	1126.4	1324.7	1470.0	1131.7	1167.1	1117.5	1214.9	1342.4	1547.9	903.2
82.5°	655.3	664.1	747.4	843.0	788.1	901.5	650.0	1085.6	958.1	630.5	336.5
85°	368.4	384.3	460.5	584.4	494.1	331.2	271.0	538.4	602.2	258.6	162.9
87.5°	37.2	31.9	62.0	221.4	134.6	54.9	81.5	129.3	145.2	97.4	47.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6
2.5°	2591.0	2591.0	2546.7	2472.4	2442.3	2389.1	2316.5	2339.5	2314.7	2224.4	2201.4
5°	2484.8	2399.7	2307.7	2194.3	2128.8	1994.2	1951.7	1875.5	1887.9	1811.8	1815.3
7.5°	2263.4	2196.1	2040.2	1891.5	1762.2	1645.3	1480.6	1418.6	1358.4	1328.3	1363.7
10°	2134.1	2008.3	1795.8	1601.0	1429.2	1324.7	1214.9	1129.9	1052.0	993.5	981.2
12.5°	2040.2	1928.7	1671.9	1434.5	1299.9	1214.9	1114.0	997.1	920.9	820.0	789.9
15°	2011.9	1875.5	1604.6	1369.0	1238.0	1098.0	982.9	867.8	768.6	662.4	625.2
17.5°	2109.3	1951.7	1602.8	1315.9	1131.7	981.2	821.8	692.5	591.5	494.1	471.1
20°	2274.0	2033.1	1654.1	1284.0	1030.7	828.8	648.2	518.9	405.6	341.8	325.9
22.5°	2461.7	2171.3	1659.5	1199.0	929.8	676.5	472.9	341.8	278.1	247.9	239.1
25°	2692.0	2392.7	1723.2	1129.9	811.1	513.6	336.5	262.1	224.9	207.2	203.7
27.5°	2881.5	2546.7	1792.3	1057.3	694.2	380.8	263.9	214.3	194.8	177.1	175.3
30°	3078.1	2723.8	1811.8	1013.0	593.3	313.5	226.7	189.5	168.2	159.4	157.6
32.5°	3249.8	2916.9	1873.8	940.4	497.7	276.3	205.4	170.0	155.9	141.7	139.9
35°	3471.2	3028.5	1903.9	901.5	462.2	249.7	187.7	155.9	134.6	125.7	122.2
37.5°	3708.5	3136.5	1923.3	871.3	432.1	233.8	177.1	147.0	127.5	115.1	111.6
40°	3929.9	3288.8	1895.0	834.2	409.1	214.3	170.0	136.4	118.7	106.3	100.9
42.5°	4099.9	3437.6	1886.1	798.7	384.3	207.2	161.2	131.1	111.6	97.4	95.6
45°	4195.6	3538.5	1824.2	770.4	364.8	210.8	157.6	124.0	106.3	93.9	86.8
47.5°	4172.5	3616.4	1840.1	761.5	338.3	196.6	155.9	118.7	97.4	86.8	81.5
50°	4300.1	3774.1	1813.5	733.2	318.8	177.1	170.0	118.7	95.6	83.2	77.9
52.5°	4321.3	3917.5	1870.2	681.8	288.7	162.9	168.2	116.9	92.1	79.7	72.6
55°	4498.4	4084.0	1980.0	653.5	263.9	141.7	154.1	113.3	83.2	72.6	69.1
57.5°	4739.3	4429.3	2050.9	626.9	230.2	124.0	129.3	111.6	76.2	67.3	62.0
60°	4971.3	4567.5	2056.2	579.1	198.4	111.6	100.9	111.6	70.8	60.2	54.9
62.5°	5144.8	4567.5	2020.7	538.4	173.6	99.2	88.6	106.3	63.8	53.1	49.6
65°	5051.0	4445.3	1928.7	504.7	157.6	86.8	76.2	81.5	56.7	46.0	42.5
67.5°	4882.7	4064.5	1725.0	464.0	155.9	76.2	65.5	60.2	49.6	40.7	37.2
70°	4613.5	3550.9	1436.3	418.0	152.3	69.1	58.4	51.4	44.3	35.4	31.9
72.5°	3717.4	2932.8	1179.5	391.4	148.8	60.2	49.6	44.3	37.2	30.1	26.6
75°	2575.1	1873.8	908.5	334.7	145.2	54.9	46.0	39.0	31.9	24.8	23.0
77.5°	1544.3	1252.1	586.2	251.5	95.6	44.3	39.0	30.1	26.6	21.3	19.5
80°	722.6	591.5	237.3	97.4	46.0	31.9	26.6	23.0	21.3	17.7	15.9
82.5°	283.4	249.7	115.1	56.7	37.2	24.8	21.3	19.5	17.7	14.2	12.4
85°	152.3	134.6	54.9	39.0	26.6	17.7	17.7	15.9	14.2	12.4	10.6
87.5°	33.6	24.8	23.0	23.0	19.5	14.2	14.2	12.4	10.6	8.9	7.1
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°	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6
2.5°	2189.0	2215.6	2173.1	2199.6	2162.4	2190.8	2194.3	2167.7	2174.8	2210.2	2226.2
5°	1864.9	1847.2	1808.2	1795.8	1797.6	1774.6	1783.4	1795.8	1815.3	1825.9	1857.8
7.5°	1344.2	1384.9	1383.2	1413.3	1415.1	1411.5	1386.7	1333.6	1351.3	1337.1	1354.8
10°	961.7	979.4	1013.0	1032.5	1067.9	1048.5	991.8	970.5	959.9	958.1	975.8
12.5°	768.6	726.1	722.6	729.7	747.4	724.4	696.0	671.2	683.6	708.4	727.9
15°	595.1	559.6	513.6	506.5	510.1	499.4	469.3	437.4	446.3	471.1	485.3
17.5°	456.9	416.2	384.3	363.1	356.0	318.8	274.5	247.9	240.9	239.1	251.5
20°	308.2	301.1	295.8	269.2	269.2	216.1	178.9	159.4	159.4	162.9	164.7
22.5°	230.2	221.4	223.1	217.8	203.7	161.2	141.7	136.4	136.4	139.9	139.9
25°	200.1	187.7	184.2	182.4	168.2	138.1	124.0	118.7	118.7	122.2	122.2
27.5°	170.0	166.5	161.2	154.1	141.7	118.7	109.8	104.5	106.3	108.0	106.3
30°	155.9	147.0	139.9	139.9	125.7	106.3	99.2	95.6	92.1	95.6	97.4
32.5°	138.1	132.8	129.3	124.0	108.0	93.9	86.8	83.2	81.5	81.5	83.2
35°	118.7	118.7	115.1	108.0	93.9	85.0	76.2	72.6	70.8	72.6	72.6
37.5°	106.3	100.9	102.7	95.6	83.2	74.4	65.5	62.0	62.0	60.2	62.0
40°	99.2	90.3	85.0	81.5	74.4	63.8	56.7	53.1	51.4	51.4	51.4
42.5°	88.6	81.5	70.8	69.1	67.3	54.9	46.0	44.3	42.5	40.7	40.7
45°	83.2	72.6	63.8	54.9	54.9	46.0	39.0	35.4	33.6	31.9	33.6
47.5°	76.2	65.5	54.9	46.0	44.3	37.2	30.1	26.6	24.8	24.8	24.8
50°	72.6	58.4	47.8	39.0	33.6	30.1	23.0	19.5	17.7	17.7	17.7
52.5°	67.3	54.9	42.5	33.6	26.6	23.0	17.7	14.2	12.4	12.4	12.4
55°	60.2	49.6	37.2	28.3	23.0	17.7	12.4	8.9	7.1	7.1	7.1
57.5°	56.7	44.3	31.9	24.8	17.7	12.4	7.1	5.3	5.3	3.5	5.3
60°	51.4	39.0	26.6	19.5	14.2	8.9	5.3	1.8	1.8	1.8	1.8
62.5°	44.3	33.6	23.0	15.9	10.6	5.3	1.8	0.0	0.0	0.0	0.0
65°	37.2	26.6	17.7	12.4	7.1	1.8	0.0	0.0	0.0	0.0	0.0
67.5°	31.9	23.0	14.2	8.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	28.3	19.5	10.6	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	23.0	15.9	8.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	19.5	12.4	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	15.9	8.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	12.4	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	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: P599457
 CATALOG NUMBER: IFLD-S-SA2A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6	2493.6
2.5°	2249.2	2238.6	2291.7	2378.5	2422.8	2509.6	2530.8	2585.7	2571.5	2591.0
5°	1861.4	1882.6	1960.5	2088.0	2134.1	2259.8	2378.5	2497.2	2573.3	2610.5
7.5°	1381.4	1452.2	1547.9	1664.8	1783.4	1948.1	2150.0	2288.2	2362.6	2442.3
10°	1029.0	1105.1	1214.9	1330.0	1523.1	1707.3	1909.2	2081.0	2144.7	2219.1
12.5°	809.4	928.0	1055.5	1179.5	1294.6	1470.0	1719.7	1969.4	2038.5	2095.1
15°	563.2	708.4	890.8	1052.0	1213.2	1365.5	1624.0	1926.9	2020.7	2116.4
17.5°	311.7	426.8	635.8	862.5	1099.8	1333.6	1655.9	2004.8	2146.5	2213.8
20°	180.6	226.7	375.5	644.7	958.1	1264.5	1671.9	2151.8	2339.5	2373.2
22.5°	148.8	164.7	212.5	403.8	784.6	1220.2	1753.3	2357.2	2548.5	2628.2
25°	127.5	139.9	164.7	242.6	593.3	1126.4	1804.7	2614.0	2791.1	2877.9
27.5°	113.3	125.7	145.2	178.9	403.8	997.1	1889.7	2846.0	3023.1	3141.8
30°	99.2	109.8	129.3	152.3	279.8	851.9	1962.3	3016.1	3265.8	3303.0
32.5°	88.6	97.4	111.6	131.1	207.2	646.4	2020.7	3191.4	3402.2	3483.6
35°	76.2	86.8	95.6	111.6	157.6	487.0	1985.3	3327.8	3602.3	3699.7
37.5°	67.3	74.4	83.2	93.9	132.8	380.8	1912.7	3490.7	3774.1	3864.4
40°	56.7	62.0	72.6	83.2	120.4	294.0	1829.5	3687.3	4014.9	4174.3
42.5°	47.8	53.1	60.2	77.9	99.2	217.8	1661.2	3839.6	4209.7	4344.3
45°	37.2	44.3	54.9	77.9	79.7	161.2	1487.7	3952.9	4319.5	4386.8
47.5°	28.3	35.4	53.1	67.3	63.8	111.6	1282.2	4082.2	4432.9	4494.9
50°	21.3	28.3	60.2	58.4	53.1	85.0	1152.9	4172.5	4440.0	4473.6
52.5°	14.2	21.3	49.6	44.3	44.3	74.4	1117.5	4169.0	4457.7	4385.1
55°	10.6	15.9	28.3	31.9	39.0	65.5	1085.6	4301.8	4463.0	4514.4
57.5°	7.1	12.4	19.5	24.8	33.6	56.7	1020.1	4461.2	4627.7	4654.3
60°	3.5	8.9	14.2	19.5	28.3	49.6	928.0	4578.1	4827.8	4856.2
62.5°	1.8	5.3	10.6	15.9	23.0	39.0	832.4	4392.2	4741.0	4790.6
65°	0.0	3.5	7.1	10.6	14.2	28.3	676.5	3965.3	4397.5	4579.9
67.5°	0.0	0.0	3.5	7.1	8.9	21.3	510.1	3607.6	4080.5	4328.4
70°	0.0	0.0	1.8	1.8	5.3	15.9	325.9	2987.7	3643.0	3779.4
72.5°	0.0	0.0	0.0	0.0	1.8	10.6	189.5	2219.1	2854.9	3108.2
75°	0.0	0.0	0.0	0.0	0.0	8.9	95.6	1427.5	1987.1	2327.1
77.5°	0.0	0.0	0.0	0.0	0.0	7.1	51.4	920.9	1464.6	1749.8
80°	0.0	0.0	0.0	0.0	0.0	1.8	30.1	534.9	936.9	1135.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.4	262.1	559.6	655.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.5	139.9	279.8	368.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	19.5	37.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)