

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: P599429

Luminaire Tested: **IFLD-S-SA2B-730-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: P599429
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-730-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

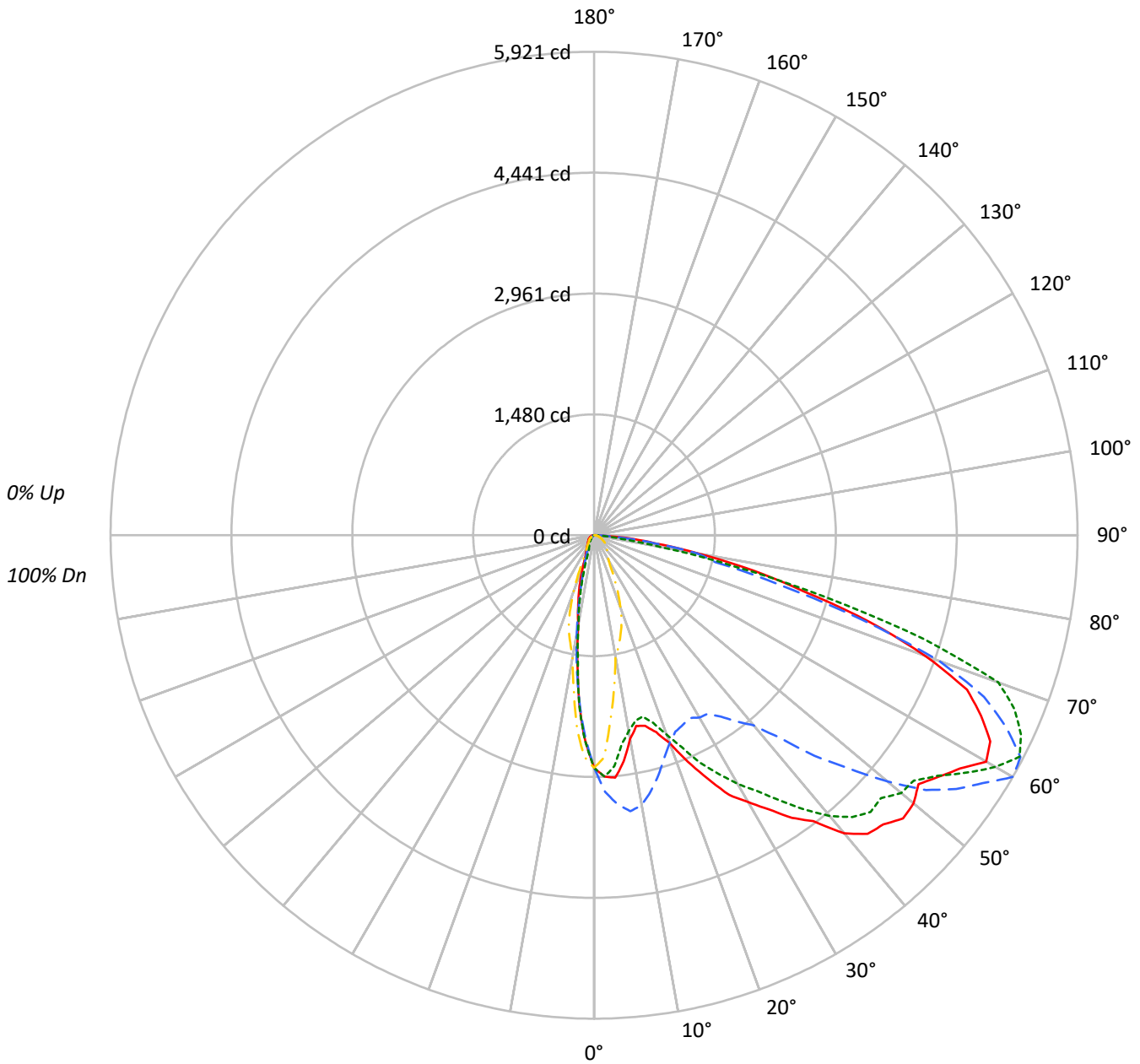
Lumens per Lamp: N/A
 Luminaire Lumens: 7572.6 lumens
 Efficiency: N/A
 Efficacy: 91.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	61294	61294	61294	61294
5°	64413	61310	44791	45055
10°	55389	53266	24490	23915
15°	53857	51198	15909	11988
20°	62078	59484	8525	4261
25°	78053	73011	5525	3314
30°	93750	87364	4474	2715
35°	111017	104163	3666	2179
40°	133945	126102	3240	1647
45°	152496	145847	3017	1108
50°	171074	164439	2981	677
55°	193462	192779	2961	304
60°	238735	244397	2700	86
65°	266381	293782	2471	0
70°	271619	331572	2291	0
75°	221010	244566	2188	0
80°	160695	102278	2256	0
85°	103890	42954	2989	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.3	2.9
10°-20°	424.2	5.6
20°-30°	587.0	7.8
30°-40°	829.5	11.0
40°-50°	1129.4	14.9
50°-60°	1495.9	19.8
60°-70°	1736.8	22.9
70°-80°	983.6	13.0
80°-90°	169.9	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°	1227.4	16.2
0°-40°	2057.0	27.2
0°-60°	4682.3	61.8
0°-90°	7572.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7572.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2847	2847	2847	2847	2847	
5°	2981	2837	2073	2085	2981	268
15°	2416	2297	714	538	2416	709
25°	3286	3074	233	140	3286	1533
35°	4224	3964	140	83	4224	2663
45°	5009	4790	99	36	5009	3883
55°	5154	5136	79	8	5154	4670
65°	5229	5767	48	0	5229	5098
75°	2657	2940	26	0	2657	2900
85°	421	174	12	0	421	505
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°	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2
2.5°	2958.5	3021.1	3023.2	3051.5	3079.8	3079.8	3146.5	3130.3	3071.7	3061.6	3019.1
5°	2980.7	3002.9	3019.1	3162.7	3284.0	3271.9	3308.3	3284.0	3170.8	3025.2	2926.1
7.5°	2788.6	2812.9	2877.6	3122.2	3286.0	3340.6	3409.4	3257.7	3138.4	2875.5	2685.5
10°	2533.8	2580.3	2699.6	2978.7	3180.9	3354.8	3354.8	3233.5	3002.9	2746.1	2513.6
12.5°	2392.2	2485.3	2550.0	2833.1	3096.0	3215.3	3211.2	3146.5	2996.9	2673.3	2410.4
15°	2416.5	2442.8	2580.3	2800.7	2974.6	2968.6	3041.4	3021.1	2916.0	2738.0	2448.9
17.5°	2527.7	2568.2	2687.5	2800.7	2883.6	2859.4	2857.3	2954.4	2960.5	2847.2	2592.4
20°	2709.7	2829.0	2885.7	2920.0	2818.9	2715.8	2703.7	2839.1	2944.3	2986.8	2764.3
22.5°	3000.9	3079.8	3195.0	3019.1	2756.2	2626.8	2602.5	2752.2	2964.5	3152.6	2986.8
25°	3286.0	3346.7	3457.9	3231.4	2827.0	2608.6	2566.1	2695.6	3041.4	3383.1	3255.7
27.5°	3587.3	3639.9	3652.1	3387.2	2865.4	2572.2	2521.7	2695.6	3106.1	3504.4	3577.2
30°	3771.4	3834.1	3846.2	3524.7	2928.1	2602.5	2578.3	2707.7	3150.6	3607.6	3807.8
32.5°	3977.6	3993.8	3983.7	3548.9	2996.9	2691.5	2590.4	2788.6	3201.1	3730.9	4018.1
35°	4224.3	4252.6	4149.5	3660.1	3150.6	2748.1	2711.7	2887.7	3288.1	3787.5	4272.9
37.5°	4412.4	4501.4	4268.8	3702.6	3180.9	2867.5	2873.5	3093.9	3348.7	3856.3	4554.0
40°	4766.3	4616.6	4471.0	3848.2	3296.2	3069.7	3037.3	3306.3	3553.0	3900.8	4738.0
42.5°	4960.4	4881.5	4549.9	3862.4	3474.1	3348.7	3356.8	3546.9	3660.1	4026.2	4788.5
45°	5008.9	4926.0	4657.1	3872.5	3650.0	3678.3	3817.9	3854.3	3817.9	4109.1	4883.6
47.5°	5132.3	4952.3	4644.9	4008.0	3935.2	4044.4	4222.3	4301.2	4032.2	4078.7	4928.1
50°	5108.0	5004.9	4618.7	4064.6	4283.0	4572.2	4691.5	4659.1	4270.8	4016.1	4879.5
52.5°	5006.9	4895.7	4699.5	4218.3	4608.5	4958.4	5124.2	5043.3	4483.2	4157.6	4847.2
55°	5154.5	5069.6	4804.7	4426.6	4853.2	5298.1	5415.4	5354.7	4744.0	4289.0	5031.2
57.5°	5314.3	5296.1	5089.8	4671.2	5142.4	5648.0	5648.0	5573.1	4970.5	4479.1	5304.2
60°	5544.8	5585.3	5300.1	4833.0	5241.5	5627.7	5920.9	5834.0	5199.0	4812.8	5613.6
62.5°	5470.0	5599.4	5571.1	5180.8	5354.7	5726.8	5886.6	5951.3	5482.1	5219.2	6026.1
65°	5229.4	5366.9	5569.1	5409.3	5269.8	5486.2	5567.1	5763.2	5623.7	5601.4	6196.0
67.5°	4942.2	5091.9	5217.2	5563.0	5097.9	5241.5	5170.7	5233.4	5470.0	6020.0	6293.0
70°	4315.3	4458.9	4657.1	5221.3	4642.9	4513.5	4495.3	4465.0	4833.0	5870.4	5852.2
72.5°	3548.9	3615.7	3943.3	4244.6	3435.7	3411.4	3439.7	3405.4	3832.0	5314.3	5013.0
75°	2657.1	2723.9	2909.9	3259.8	2339.7	2200.1	2361.9	2521.7	2926.1	4125.2	3601.5
77.5°	1997.9	2082.8	2200.1	2438.7	1716.8	1498.4	1520.7	1672.3	2115.2	3304.2	2018.1
80°	1296.2	1286.1	1512.6	1678.4	1292.2	1332.6	1276.0	1387.2	1532.8	1767.4	1031.3
82.5°	748.2	758.3	853.4	962.6	899.9	1029.3	742.1	1239.6	1094.0	719.9	384.2
85°	420.6	438.8	525.8	667.3	564.2	378.1	309.4	614.7	687.5	295.2	186.0
87.5°	42.5	36.4	70.8	252.8	153.7	62.7	93.0	147.6	165.8	111.2	54.6
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°	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2
2.5°	2958.5	2958.5	2907.9	2823.0	2788.6	2727.9	2645.0	2671.3	2643.0	2539.9	2513.6
5°	2837.1	2740.1	2634.9	2505.5	2430.7	2277.0	2228.4	2141.5	2155.6	2068.7	2072.7
7.5°	2584.3	2507.5	2329.6	2159.7	2012.1	1878.6	1690.5	1619.8	1551.0	1516.6	1557.1
10°	2436.7	2293.2	2050.5	1828.1	1631.9	1512.6	1387.2	1290.2	1201.2	1134.4	1120.3
12.5°	2329.6	2202.2	1908.9	1638.0	1484.3	1387.2	1272.0	1138.5	1051.5	936.3	901.9
15°	2297.2	2141.5	1832.1	1563.1	1413.5	1253.8	1122.3	990.9	877.6	756.3	713.8
17.5°	2408.4	2228.4	1830.1	1502.5	1292.2	1120.3	938.3	790.7	675.4	564.2	537.9
20°	2596.5	2321.5	1888.7	1466.1	1176.9	946.4	740.1	592.5	463.1	390.3	372.1
22.5°	2810.8	2479.2	1894.8	1369.0	1061.6	772.5	539.9	390.3	317.5	283.1	273.0
25°	3073.7	2732.0	1967.6	1290.2	926.2	586.4	384.2	299.3	256.8	236.6	232.6
27.5°	3290.1	2907.9	2046.4	1207.2	792.7	434.8	301.3	244.7	222.4	202.2	200.2
30°	3514.5	3110.1	2068.7	1156.7	677.4	357.9	258.8	216.4	192.1	182.0	180.0
32.5°	3710.7	3330.5	2139.5	1073.8	568.2	315.5	234.6	194.1	178.0	161.8	159.8
35°	3963.5	3457.9	2173.8	1029.3	527.8	285.1	214.4	178.0	153.7	143.6	139.5
37.5°	4234.4	3581.3	2196.1	994.9	493.4	266.9	202.2	167.8	145.6	131.4	127.4
40°	4487.2	3755.2	2163.7	952.4	467.1	244.7	194.1	155.7	135.5	121.3	115.3
42.5°	4681.3	3925.1	2153.6	912.0	438.8	236.6	184.0	149.6	127.4	111.2	109.2
45°	4790.5	4040.3	2082.8	879.6	416.6	240.6	180.0	141.6	121.3	107.2	99.1
47.5°	4764.3	4129.3	2101.0	869.5	386.2	224.5	178.0	135.5	111.2	99.1	93.0
50°	4909.9	4309.3	2070.7	837.2	364.0	202.2	194.1	135.5	109.2	95.0	89.0
52.5°	4934.1	4473.1	2135.4	778.5	329.6	186.0	192.1	133.5	105.2	91.0	82.9
55°	5136.3	4663.1	2260.8	746.2	301.3	161.8	175.9	129.4	95.0	82.9	78.9
57.5°	5411.4	5057.5	2341.7	715.9	262.9	141.6	147.6	127.4	87.0	76.8	70.8
60°	5676.3	5215.2	2347.8	661.3	226.5	127.4	115.3	127.4	80.9	68.8	62.7
62.5°	5874.4	5215.2	2307.3	614.7	198.2	113.2	101.1	121.3	72.8	60.7	56.6
65°	5767.3	5075.7	2202.2	576.3	180.0	99.1	87.0	93.0	64.7	52.6	48.5
67.5°	5575.2	4640.9	1969.6	529.8	178.0	87.0	74.8	68.8	56.6	46.5	42.5
70°	5267.8	4054.5	1640.0	477.2	173.9	78.9	66.7	58.6	50.6	40.4	36.4
72.5°	4244.6	3348.7	1346.8	446.9	169.9	68.8	56.6	50.6	42.5	34.4	30.3
75°	2940.3	2139.5	1037.4	382.2	165.8	62.7	52.6	44.5	36.4	28.3	26.3
77.5°	1763.3	1429.7	669.3	287.1	109.2	50.6	44.5	34.4	30.3	24.3	22.2
80°	825.0	675.4	271.0	111.2	52.6	36.4	30.3	26.3	24.3	20.2	18.2
82.5°	323.5	285.1	131.4	64.7	42.5	28.3	24.3	22.2	20.2	16.2	14.2
85°	173.9	153.7	62.7	44.5	30.3	20.2	20.2	18.2	16.2	14.2	12.1
87.5°	38.4	28.3	26.3	26.3	22.2	16.2	16.2	14.2	12.1	10.1	8.1
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°	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2
2.5°	2499.4	2529.7	2481.2	2511.5	2469.1	2501.4	2505.5	2475.1	2483.2	2523.7	2541.9
5°	2129.4	2109.1	2064.6	2050.5	2052.5	2026.2	2036.3	2050.5	2072.7	2084.9	2121.3
7.5°	1534.8	1581.3	1579.3	1613.7	1615.7	1611.7	1583.4	1522.7	1542.9	1526.7	1547.0
10°	1098.0	1118.3	1156.7	1178.9	1219.4	1197.1	1132.4	1108.2	1096.0	1094.0	1114.2
12.5°	877.6	829.1	825.0	833.1	853.4	827.1	794.7	766.4	780.6	808.9	831.1
15°	679.5	639.0	586.4	578.3	582.4	570.3	535.9	499.5	509.6	537.9	554.1
17.5°	521.7	475.2	438.8	414.5	406.5	364.0	313.4	283.1	275.0	273.0	287.1
20°	351.9	343.8	337.7	307.4	307.4	246.7	204.2	182.0	182.0	186.0	188.1
22.5°	262.9	252.8	254.8	248.7	232.6	184.0	161.8	155.7	155.7	159.8	159.8
25°	228.5	214.4	210.3	208.3	192.1	157.7	141.6	135.5	135.5	139.5	139.5
27.5°	194.1	190.1	184.0	175.9	161.8	135.5	125.4	119.3	121.3	123.4	121.3
30°	178.0	167.8	159.8	159.8	143.6	121.3	113.2	109.2	105.2	109.2	111.2
32.5°	157.7	151.7	147.6	141.6	123.4	107.2	99.1	95.0	93.0	93.0	95.0
35°	135.5	135.5	131.4	123.4	107.2	97.1	87.0	82.9	80.9	82.9	82.9
37.5°	121.3	115.3	117.3	109.2	95.0	84.9	74.8	70.8	70.8	68.8	70.8
40°	113.2	103.1	97.1	93.0	84.9	72.8	64.7	60.7	58.6	58.6	58.6
42.5°	101.1	93.0	80.9	78.9	76.8	62.7	52.6	50.6	48.5	46.5	46.5
45°	95.0	82.9	72.8	62.7	62.7	52.6	44.5	40.4	38.4	36.4	38.4
47.5°	87.0	74.8	62.7	52.6	50.6	42.5	34.4	30.3	28.3	28.3	28.3
50°	82.9	66.7	54.6	44.5	38.4	34.4	26.3	22.2	20.2	20.2	20.2
52.5°	76.8	62.7	48.5	38.4	30.3	26.3	20.2	16.2	14.2	14.2	14.2
55°	68.8	56.6	42.5	32.4	26.3	20.2	14.2	10.1	8.1	8.1	8.1
57.5°	64.7	50.6	36.4	28.3	20.2	14.2	8.1	6.1	6.1	4.0	6.1
60°	58.6	44.5	30.3	22.2	16.2	10.1	6.1	2.0	2.0	2.0	2.0
62.5°	50.6	38.4	26.3	18.2	12.1	6.1	2.0	0.0	0.0	0.0	0.0
65°	42.5	30.3	20.2	14.2	8.1	2.0	0.0	0.0	0.0	0.0	0.0
67.5°	36.4	26.3	16.2	10.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	32.4	22.2	12.1	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	26.3	18.2	10.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.2	14.2	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	18.2	10.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	14.2	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	2.0	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

TEST NUMBER: P599429
 CATALOG NUMBER: IFLD-S-SA2B-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2	2847.2
2.5°	2568.2	2556.0	2616.7	2715.8	2766.3	2865.4	2889.7	2952.4	2936.2	2958.5
5°	2125.3	2149.6	2238.6	2384.2	2436.7	2580.3	2715.8	2851.3	2938.2	2980.7
7.5°	1577.3	1658.2	1767.4	1900.8	2036.3	2224.4	2454.9	2612.7	2697.6	2788.6
10°	1174.9	1261.8	1387.2	1518.7	1739.1	1949.4	2179.9	2376.1	2448.9	2533.8
12.5°	924.1	1059.6	1205.2	1346.8	1478.2	1678.4	1963.5	2248.7	2327.5	2392.2
15°	643.1	808.9	1017.2	1201.2	1385.2	1559.1	1854.3	2200.1	2307.3	2416.5
17.5°	355.9	487.3	726.0	984.8	1255.8	1522.7	1890.7	2289.1	2450.9	2527.7
20°	206.3	258.8	428.7	736.1	1094.0	1443.8	1908.9	2456.9	2671.3	2709.7
22.5°	169.9	188.1	242.7	461.1	895.8	1393.3	2002.0	2691.5	2909.9	3000.9
25°	145.6	159.8	188.1	277.0	677.4	1286.1	2060.6	2984.7	3187.0	3286.0
27.5°	129.4	143.6	165.8	204.2	461.1	1138.5	2157.7	3249.6	3451.9	3587.3
30°	113.2	125.4	147.6	173.9	319.5	972.7	2240.6	3443.8	3728.9	3771.4
32.5°	101.1	111.2	127.4	149.6	236.6	738.1	2307.3	3644.0	3884.6	3977.6
35°	87.0	99.1	109.2	127.4	180.0	556.1	2266.9	3799.7	4113.1	4224.3
37.5°	76.8	84.9	95.0	107.2	151.7	434.8	2184.0	3985.7	4309.3	4412.4
40°	64.7	70.8	82.9	95.0	137.5	335.7	2088.9	4210.2	4584.3	4766.3
42.5°	54.6	60.7	68.8	89.0	113.2	248.7	1896.8	4384.1	4806.7	4960.4
45°	42.5	50.6	62.7	89.0	91.0	184.0	1698.6	4513.5	4932.1	5008.9
47.5°	32.4	40.4	60.7	76.8	72.8	127.4	1464.1	4661.1	5061.5	5132.3
50°	24.3	32.4	68.8	66.7	60.7	97.1	1316.4	4764.3	5069.6	5108.0
52.5°	16.2	24.3	56.6	50.6	50.6	84.9	1276.0	4760.2	5089.8	5006.9
55°	12.1	18.2	32.4	36.4	44.5	74.8	1239.6	4911.9	5095.9	5154.5
57.5°	8.1	14.2	22.2	28.3	38.4	64.7	1164.8	5093.9	5284.0	5314.3
60°	4.0	10.1	16.2	22.2	32.4	56.6	1059.6	5227.3	5512.5	5544.8
62.5°	2.0	6.1	12.1	18.2	26.3	44.5	950.4	5015.0	5413.4	5470.0
65°	0.0	4.0	8.1	12.1	16.2	32.4	772.5	4527.7	5021.1	5229.4
67.5°	0.0	0.0	4.0	8.1	10.1	24.3	582.4	4119.2	4659.1	4942.2
70°	0.0	0.0	2.0	2.0	6.1	18.2	372.1	3411.4	4159.6	4315.3
72.5°	0.0	0.0	0.0	0.0	2.0	12.1	216.4	2533.8	3259.8	3548.9
75°	0.0	0.0	0.0	0.0	0.0	10.1	109.2	1629.9	2268.9	2657.1
77.5°	0.0	0.0	0.0	0.0	0.0	8.1	58.6	1051.5	1672.3	1997.9
80°	0.0	0.0	0.0	0.0	0.0	2.0	34.4	610.7	1069.7	1296.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.2	299.3	639.0	748.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	159.8	319.5	420.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	22.2	42.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)