

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: P599516

Luminaire Tested: **IFLD-S-SA2B-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: P599516
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-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

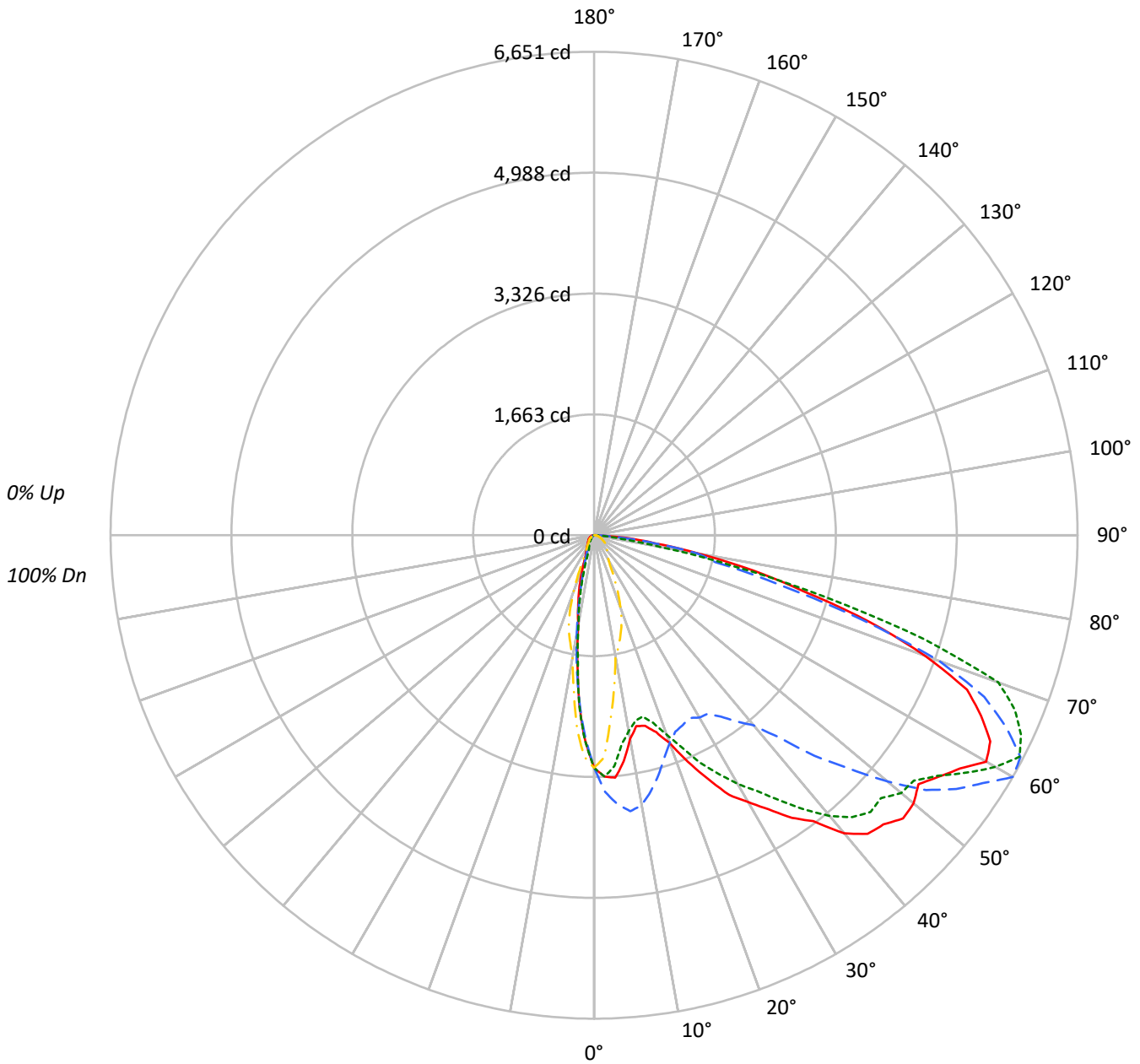
Lumens per Lamp: N/A
 Luminaire Lumens: 8506.5 lumens
 Efficiency: N/A
 Efficacy: 103.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 Input Voltage (V): 120
 Input Current (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: P599516
CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL-HSS

Luminous Intensity Polar Plot



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

TEST NUMBER: P599516
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL-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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	68855	68855	68855	68855
5°	72357	68871	50317	50611
10°	62220	59835	27509	26864
15°	60499	57512	17872	13466
20°	69734	66820	9576	4788
25°	87681	82016	6204	3722
30°	105312	98140	5026	3050
35°	124709	117009	4118	2447
40°	150464	141654	3639	1852
45°	171305	163833	3389	1245
50°	192173	184718	3346	760
55°	217321	216556	3325	342
60°	268176	274536	3031	99
65°	299232	330010	2776	0
70°	305117	372460	2574	0
75°	248267	274726	2454	0
80°	180518	114899	2529	0
85°	116709	48265	3359	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.0	2.9
10°-20°	476.5	5.6
20°-30°	659.4	7.8
30°-40°	931.8	11.0
40°-50°	1268.7	14.9
50°-60°	1680.3	19.8
60°-70°	1951.0	22.9
70°-80°	1104.9	13.0
80°-90°	190.9	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°	1378.8	16.2
0°-40°	2310.6	27.2
0°-60°	5259.7	61.8
0°-90°	8506.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8506.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3198	3198	3198	3198	3198	
5°	3348	3187	2328	2342	3348	301
15°	2714	2580	802	604	2714	796
25°	3691	3453	261	157	3691	1722
35°	4745	4452	157	93	4745	2991
45°	5627	5381	111	41	5627	4362
55°	5790	5770	89	9	5790	5246
65°	5874	6478	54	0	5874	5726
75°	2985	3303	30	0	2985	3258
85°	472	195	14	0	472	568
90°	0	0	0	0	0	

TEST NUMBER: P599516
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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4
2.5°	3323.3	3393.7	3396.0	3427.8	3459.6	3459.6	3534.6	3516.4	3450.5	3439.2	3391.4
5°	3348.3	3373.3	3391.4	3552.7	3689.0	3675.4	3716.3	3689.0	3561.8	3398.3	3287.0
7.5°	3132.5	3159.7	3232.4	3507.3	3691.3	3752.6	3829.9	3659.5	3525.5	3230.2	3016.6
10°	2846.3	2898.5	3032.5	3346.0	3573.2	3768.5	3768.5	3632.2	3373.3	3084.8	2823.6
12.5°	2687.3	2791.8	2864.4	3182.5	3477.8	3611.8	3607.2	3534.6	3366.5	3003.0	2707.7
15°	2714.5	2744.1	2898.5	3146.1	3341.5	3334.7	3416.4	3393.7	3275.6	3075.7	2750.9
17.5°	2839.5	2884.9	3018.9	3146.1	3239.3	3212.0	3209.7	3318.8	3325.6	3198.4	2912.1
20°	3043.9	3177.9	3241.5	3280.1	3166.6	3050.7	3037.1	3189.3	3307.4	3355.1	3105.2
22.5°	3371.0	3459.6	3589.1	3391.4	3096.1	2950.8	2923.5	3091.6	3330.1	3541.4	3355.1
25°	3691.3	3759.4	3884.4	3630.0	3175.6	2930.3	2882.6	3028.0	3416.4	3800.3	3657.2
27.5°	4029.8	4088.8	4102.4	3804.9	3218.8	2889.4	2832.6	3028.0	3489.1	3936.6	4018.4
30°	4236.5	4306.9	4320.5	3959.3	3289.2	2923.5	2896.2	3041.6	3539.1	4052.5	4277.4
32.5°	4468.2	4486.3	4475.0	3986.6	3366.5	3023.5	2909.9	3132.5	3595.9	4191.0	4513.6
35°	4745.3	4777.1	4661.3	4111.5	3539.1	3087.1	3046.2	3243.8	3693.6	4254.6	4799.8
37.5°	4956.6	5056.5	4795.3	4159.2	3573.2	3221.1	3227.9	3475.5	3761.7	4331.9	5115.6
40°	5354.1	5186.0	5022.4	4322.8	3702.7	3448.2	3411.9	3714.0	3991.1	4381.9	5322.3
42.5°	5572.2	5483.6	5111.0	4338.7	3902.6	3761.7	3770.8	3984.3	4111.5	4522.7	5379.1
45°	5626.7	5533.5	5231.4	4350.0	4100.2	4132.0	4288.7	4329.6	4288.7	4615.8	5485.8
47.5°	5765.2	5563.1	5217.8	4502.2	4420.5	4543.1	4743.0	4831.6	4529.5	4581.7	5535.8
50°	5738.0	5622.1	5188.3	4565.8	4811.2	5136.0	5270.0	5233.7	4797.5	4511.3	5481.3
52.5°	5624.4	5499.5	5279.1	4738.5	5176.9	5569.9	5756.1	5665.3	5036.1	4670.3	5444.9
55°	5790.2	5694.8	5397.2	4972.5	5451.8	5951.5	6083.3	6015.1	5329.1	4818.0	5651.7
57.5°	5969.7	5949.2	5717.5	5247.3	5776.6	6344.5	6344.5	6260.4	5583.5	5031.5	5958.3
60°	6228.6	6274.1	5953.8	5429.0	5887.9	6321.8	6651.1	6553.5	5840.2	5406.3	6305.9
62.5°	6144.6	6290.0	6258.2	5819.8	6015.1	6433.1	6612.5	6685.2	6158.2	5862.9	6769.3
65°	5874.3	6028.7	6255.9	6076.4	5919.7	6162.8	6253.6	6474.0	6317.2	6292.2	6960.1
67.5°	5551.7	5719.8	5860.6	6249.1	5726.6	5887.9	5808.4	5878.8	6144.6	6762.5	7069.1
70°	4847.5	5008.8	5231.4	5865.2	5215.5	5070.1	5049.7	5015.6	5429.0	6594.4	6573.9
72.5°	3986.6	4061.6	4429.6	4768.0	3859.4	3832.1	3863.9	3825.3	4304.6	5969.7	5631.2
75°	2984.8	3059.8	3268.8	3661.8	2628.2	2471.5	2653.2	2832.6	3287.0	4634.0	4045.7
77.5°	2244.3	2339.7	2471.5	2739.5	1928.6	1683.2	1708.2	1878.6	2376.1	3711.7	2267.0
80°	1456.1	1444.7	1699.1	1885.4	1451.5	1497.0	1433.4	1558.3	1721.8	1985.3	1158.5
82.5°	840.5	851.8	958.6	1081.3	1010.8	1156.2	833.7	1392.5	1228.9	808.7	431.6
85°	472.5	492.9	590.6	749.6	633.8	424.8	347.5	690.6	772.3	331.6	209.0
87.5°	47.7	40.9	79.5	283.9	172.6	70.4	104.5	165.8	186.3	124.9	61.3
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: P599516
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4
2.5°	3323.3	3323.3	3266.5	3171.1	3132.5	3064.3	2971.2	3000.7	2968.9	2853.1	2823.6
5°	3187.0	3078.0	2959.9	2814.5	2730.4	2557.8	2503.3	2405.6	2421.5	2323.8	2328.4
7.5°	2903.1	2816.7	2616.8	2426.0	2260.2	2110.3	1899.0	1819.5	1742.3	1703.7	1749.1
10°	2737.2	2576.0	2303.4	2053.5	1833.2	1699.1	1558.3	1449.3	1349.3	1274.3	1258.4
12.5°	2616.8	2473.7	2144.4	1840.0	1667.3	1558.3	1428.8	1278.9	1181.2	1051.7	1013.1
15°	2580.5	2405.6	2058.0	1755.9	1587.8	1408.4	1260.7	1113.1	985.9	849.6	801.9
17.5°	2705.4	2503.3	2055.8	1687.8	1451.5	1258.4	1054.0	888.2	758.7	633.8	604.2
20°	2916.7	2607.8	2121.6	1646.9	1322.1	1063.1	831.4	665.6	520.2	438.4	418.0
22.5°	3157.5	2784.9	2128.5	1537.9	1192.6	867.7	606.5	438.4	356.6	318.0	306.7
25°	3452.8	3068.9	2210.2	1449.3	1040.4	658.8	431.6	336.2	288.5	265.8	261.2
27.5°	3695.8	3266.5	2298.8	1356.1	890.5	488.4	338.5	274.9	249.9	227.2	224.9
30°	3948.0	3493.7	2323.8	1299.3	761.0	402.1	290.8	243.1	215.8	204.4	202.2
32.5°	4168.3	3741.3	2403.3	1206.2	638.3	354.4	263.5	218.1	199.9	181.7	179.5
35°	4452.3	3884.4	2441.9	1156.2	592.9	320.3	240.8	199.9	172.6	161.3	156.7
37.5°	4756.7	4022.9	2466.9	1117.6	554.3	299.8	227.2	188.5	163.6	147.7	143.1
40°	5040.6	4218.3	2430.6	1069.9	524.7	274.9	218.1	174.9	152.2	136.3	129.5
42.5°	5258.7	4409.1	2419.2	1024.5	492.9	265.8	206.7	168.1	143.1	124.9	122.7
45°	5381.3	4538.6	2339.7	988.1	467.9	270.3	202.2	159.0	136.3	120.4	111.3
47.5°	5351.8	4638.5	2360.2	976.8	433.9	252.1	199.9	152.2	124.9	111.3	104.5
50°	5515.4	4840.7	2326.1	940.4	408.9	227.2	218.1	152.2	122.7	106.8	99.9
52.5°	5542.6	5024.7	2398.8	874.6	370.3	209.0	215.8	149.9	118.1	102.2	93.1
55°	5769.8	5238.2	2539.6	838.2	338.5	181.7	197.6	145.4	106.8	93.1	88.6
57.5°	6078.7	5681.2	2630.5	804.1	295.3	159.0	165.8	143.1	97.7	86.3	79.5
60°	6376.3	5858.4	2637.3	742.8	254.4	143.1	129.5	143.1	90.9	77.2	70.4
62.5°	6598.9	5858.4	2591.9	690.6	222.6	127.2	113.6	136.3	81.8	68.1	63.6
65°	6478.5	5701.6	2473.7	647.4	202.2	111.3	97.7	104.5	72.7	59.1	54.5
67.5°	6262.7	5213.2	2212.5	595.2	199.9	97.7	84.0	77.2	63.6	52.2	47.7
70°	5917.4	4554.5	1842.2	536.1	195.4	88.6	75.0	65.9	56.8	45.4	40.9
72.5°	4768.0	3761.7	1512.9	502.0	190.8	77.2	63.6	56.8	47.7	38.6	34.1
75°	3302.9	2403.3	1165.3	429.3	186.3	70.4	59.1	50.0	40.9	31.8	29.5
77.5°	1980.8	1606.0	751.9	322.6	122.7	56.8	50.0	38.6	34.1	27.3	25.0
80°	926.8	758.7	304.4	124.9	59.1	40.9	34.1	29.5	27.3	22.7	20.4
82.5°	363.5	320.3	147.7	72.7	47.7	31.8	27.3	25.0	22.7	18.2	15.9
85°	195.4	172.6	70.4	50.0	34.1	22.7	22.7	20.4	18.2	15.9	13.6
87.5°	43.2	31.8	29.5	29.5	25.0	18.2	18.2	15.9	13.6	11.4	9.1
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°	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4
2.5°	2807.7	2841.7	2787.2	2821.3	2773.6	2809.9	2814.5	2780.4	2789.5	2834.9	2855.4
5°	2392.0	2369.2	2319.3	2303.4	2305.6	2276.1	2287.5	2303.4	2328.4	2342.0	2382.9
7.5°	1724.1	1776.4	1774.1	1812.7	1815.0	1810.4	1778.6	1710.5	1733.2	1715.0	1737.7
10°	1233.5	1256.2	1299.3	1324.3	1369.8	1344.8	1272.1	1244.8	1231.2	1228.9	1251.6
12.5°	985.9	931.3	926.8	935.9	958.6	929.1	892.7	860.9	876.8	908.6	933.6
15°	763.2	717.8	658.8	649.7	654.2	640.6	602.0	561.1	572.4	604.2	622.4
17.5°	586.1	533.8	492.9	465.7	456.6	408.9	352.1	318.0	308.9	306.7	322.6
20°	395.3	386.2	379.4	345.3	345.3	277.1	229.4	204.4	204.4	209.0	211.3
22.5°	295.3	283.9	286.2	279.4	261.2	206.7	181.7	174.9	174.9	179.5	179.5
25°	256.7	240.8	236.2	234.0	215.8	177.2	159.0	152.2	152.2	156.7	156.7
27.5°	218.1	213.5	206.7	197.6	181.7	152.2	140.8	134.0	136.3	138.6	136.3
30°	199.9	188.5	179.5	179.5	161.3	136.3	127.2	122.7	118.1	122.7	124.9
32.5°	177.2	170.4	165.8	159.0	138.6	120.4	111.3	106.8	104.5	104.5	106.8
35°	152.2	152.2	147.7	138.6	120.4	109.0	97.7	93.1	90.9	93.1	93.1
37.5°	136.3	129.5	131.8	122.7	106.8	95.4	84.0	79.5	79.5	77.2	79.5
40°	127.2	115.8	109.0	104.5	95.4	81.8	72.7	68.1	65.9	65.9	65.9
42.5°	113.6	104.5	90.9	88.6	86.3	70.4	59.1	56.8	54.5	52.2	52.2
45°	106.8	93.1	81.8	70.4	70.4	59.1	50.0	45.4	43.2	40.9	43.2
47.5°	97.7	84.0	70.4	59.1	56.8	47.7	38.6	34.1	31.8	31.8	31.8
50°	93.1	75.0	61.3	50.0	43.2	38.6	29.5	25.0	22.7	22.7	22.7
52.5°	86.3	70.4	54.5	43.2	34.1	29.5	22.7	18.2	15.9	15.9	15.9
55°	77.2	63.6	47.7	36.3	29.5	22.7	15.9	11.4	9.1	9.1	9.1
57.5°	72.7	56.8	40.9	31.8	22.7	15.9	9.1	6.8	6.8	4.5	6.8
60°	65.9	50.0	34.1	25.0	18.2	11.4	6.8	2.3	2.3	2.3	2.3
62.5°	56.8	43.2	29.5	20.4	13.6	6.8	2.3	0.0	0.0	0.0	0.0
65°	47.7	34.1	22.7	15.9	9.1	2.3	0.0	0.0	0.0	0.0	0.0
67.5°	40.9	29.5	18.2	11.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	36.3	25.0	13.6	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	29.5	20.4	11.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	25.0	15.9	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	20.4	11.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	15.9	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	2.3	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: P599516
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4	3198.4
2.5°	2884.9	2871.3	2939.4	3050.7	3107.5	3218.8	3246.1	3316.5	3298.3	3323.3
5°	2387.4	2414.7	2514.6	2678.2	2737.2	2898.5	3050.7	3202.9	3300.6	3348.3
7.5°	1771.8	1862.7	1985.3	2135.3	2287.5	2498.7	2757.7	2934.9	3030.3	3132.5
10°	1319.8	1417.5	1558.3	1705.9	1953.5	2189.8	2448.7	2669.1	2750.9	2846.3
12.5°	1038.1	1190.3	1353.9	1512.9	1660.5	1885.4	2205.7	2526.0	2614.6	2687.3
15°	722.4	908.6	1142.6	1349.3	1556.0	1751.4	2083.0	2471.5	2591.9	2714.5
17.5°	399.8	547.4	815.5	1106.3	1410.6	1710.5	2123.9	2571.4	2753.1	2839.5
20°	231.7	290.8	481.6	826.9	1228.9	1621.9	2144.4	2760.0	3000.7	3043.9
22.5°	190.8	211.3	272.6	517.9	1006.3	1565.1	2248.9	3023.5	3268.8	3371.0
25°	163.6	179.5	211.3	311.2	761.0	1444.7	2314.7	3352.8	3580.0	3691.3
27.5°	145.4	161.3	186.3	229.4	517.9	1278.9	2423.8	3650.4	3877.6	4029.8
30°	127.2	140.8	165.8	195.4	358.9	1092.6	2516.9	3868.5	4188.8	4236.5
32.5°	113.6	124.9	143.1	168.1	265.8	829.1	2591.9	4093.4	4363.7	4468.2
35°	97.7	111.3	122.7	143.1	202.2	624.7	2546.4	4268.3	4620.4	4745.3
37.5°	86.3	95.4	106.8	120.4	170.4	488.4	2453.3	4477.3	4840.7	4956.6
40°	72.7	79.5	93.1	106.8	154.5	377.1	2346.5	4729.4	5149.6	5354.1
42.5°	61.3	68.1	77.2	99.9	127.2	279.4	2130.7	4924.8	5399.5	5572.2
45°	47.7	56.8	70.4	99.9	102.2	206.7	1908.1	5070.1	5540.4	5626.7
47.5°	36.3	45.4	68.1	86.3	81.8	143.1	1644.6	5236.0	5685.7	5765.2
50°	27.3	36.3	77.2	75.0	68.1	109.0	1478.8	5351.8	5694.8	5738.0
52.5°	18.2	27.3	63.6	56.8	56.8	95.4	1433.4	5347.3	5717.5	5624.4
55°	13.6	20.4	36.3	40.9	50.0	84.0	1392.5	5517.6	5724.3	5790.2
57.5°	9.1	15.9	25.0	31.8	43.2	72.7	1308.4	5722.1	5935.6	5969.7
60°	4.5	11.4	18.2	25.0	36.3	63.6	1190.3	5872.0	6192.3	6228.6
62.5°	2.3	6.8	13.6	20.4	29.5	50.0	1067.6	5633.5	6081.0	6144.6
65°	0.0	4.5	9.1	13.6	18.2	36.3	867.7	5086.0	5640.3	5874.3
67.5°	0.0	0.0	4.5	9.1	11.4	27.3	654.2	4627.2	5233.7	5551.7
70°	0.0	0.0	2.3	2.3	6.8	20.4	418.0	3832.1	4672.6	4847.5
72.5°	0.0	0.0	0.0	0.0	2.3	13.6	243.1	2846.3	3661.8	3986.6
75°	0.0	0.0	0.0	0.0	0.0	11.4	122.7	1830.9	2548.7	2984.8
77.5°	0.0	0.0	0.0	0.0	0.0	9.1	65.9	1181.2	1878.6	2244.3
80°	0.0	0.0	0.0	0.0	0.0	2.3	38.6	686.0	1201.7	1456.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.9	336.2	717.8	840.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.5	179.5	358.9	472.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	25.0	47.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)