

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: P598994

Luminaire Tested: **IFLD-S-SA2B-750-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598994  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-750-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (32) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

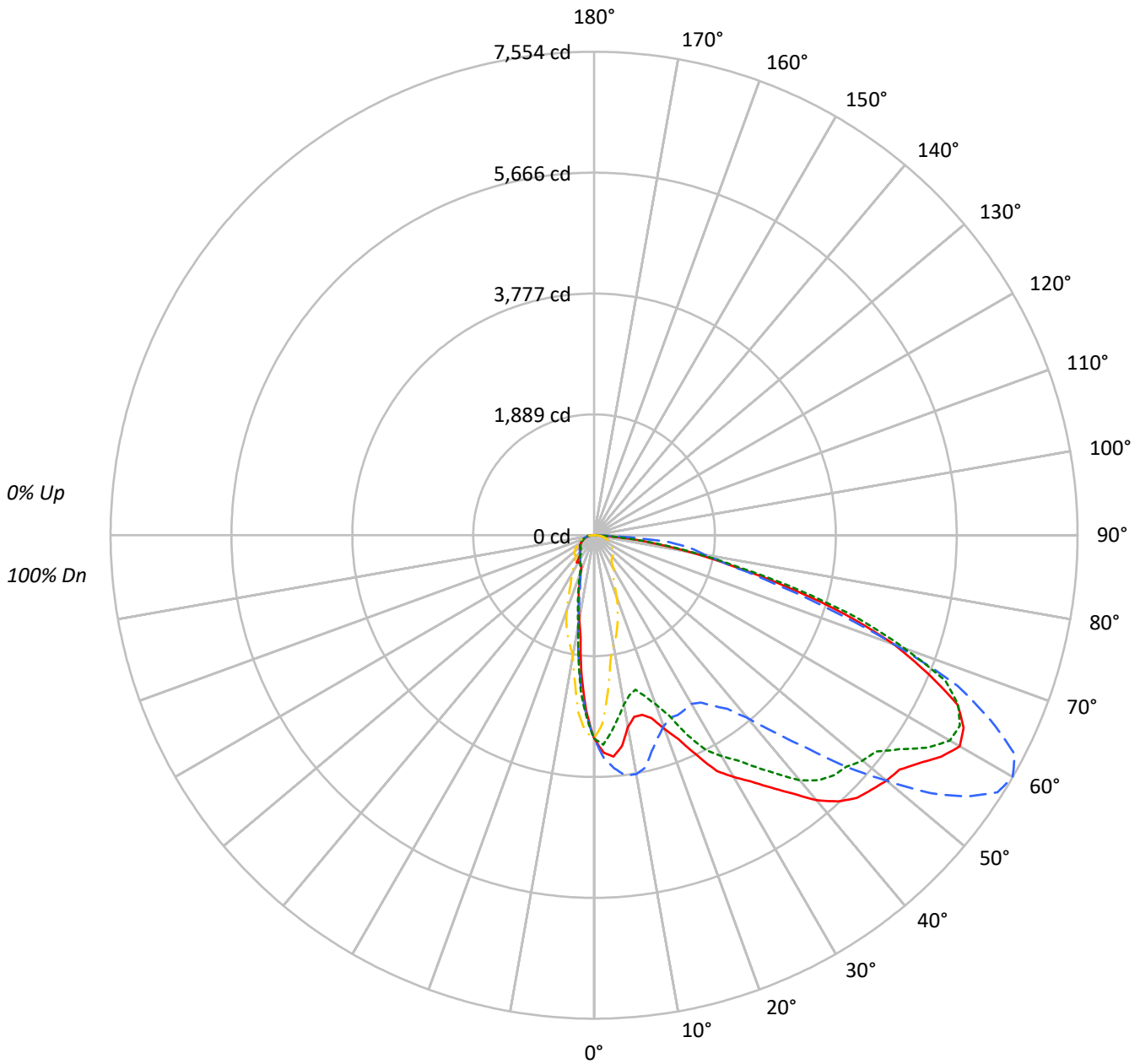
Lumens per Lamp: N/A  
 Luminaire Lumens: 9934.4 lumens  
 Efficiency: N/A  
 Efficacy: 120.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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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				
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	68308	68308	68308	68308
5°	75045	66665	47808	52188
10°	66472	58668	28997	31115
15°	64727	55689	20527	21313
20°	73803	64412	13427	14841
25°	89921	81650	11725	12143
30°	108344	99033	12161	11283
35°	126357	116281	10076	9498
40°	151835	140443	9412	8917
45°	176699	161404	9526	8856
50°	199696	183459	9743	9150
55°	232890	218665	10089	9593
60°	284047	276267	10058	10058
65°	319221	319669	10325	10774
70°	313721	324818	10820	11097
75°	258789	276015	11362	12094
80°	186853	196139	12571	13116
85°	103421	111028	14153	17414

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 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	246.5	2.5
10°-20°	520.4	5.2
20°-30°	761.5	7.7
30°-40°	1072.9	10.8
40°-50°	1474.4	14.8
50°-60°	2009.5	20.2
60°-70°	2199.3	22.1
70°-80°	1269.7	12.8
80°-90°	380.2	3.8
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°	1528.4	15.4
0°-40°	2601.3	26.2
0°-60°	6085.2	61.3
0°-90°	9934.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9934.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3173	3173	3173	3173	3173	
5°	3473	3085	2212	2415	3473	315
15°	2904	2499	921	956	2904	848
25°	3786	3437	494	511	3786	1773
35°	4808	4425	383	361	4808	3049
45°	5804	5302	313	291	5804	4461
55°	6205	5826	269	256	6205	5599
65°	6267	6276	203	212	6267	5998
75°	3111	3318	137	145	3111	3342
85°	419	450	57	70	419	581
90°	0	0	0	0	0	

TEST NUMBER: P598994  
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0
2.5°	3397.7	3384.5	3397.7	3446.2	3459.4	3481.5	3481.5	3450.6	3393.3	3366.9	3322.8
5°	3472.7	3450.6	3560.8	3662.2	3741.5	3732.7	3657.8	3596.1	3481.5	3309.6	3146.6
7.5°	3322.8	3344.9	3424.2	3688.6	3873.7	3908.9	3790.0	3666.6	3419.8	3181.8	2961.5
10°	3040.8	3071.6	3243.5	3516.7	3807.6	3864.9	3790.0	3640.1	3344.9	3049.6	2794.0
12.5°	2904.2	2974.7	3076.0	3406.6	3613.7	3750.3	3715.0	3618.1	3287.6	2939.4	2692.6
15°	2904.2	2921.8	3071.6	3349.3	3468.3	3472.7	3485.9	3503.5	3305.2	2987.9	2657.4
17.5°	2996.7	3045.2	3173.0	3344.9	3366.9	3314.0	3314.0	3388.9	3340.5	3124.5	2785.2
20°	3221.5	3203.8	3371.3	3441.8	3322.8	3190.6	3177.4	3305.2	3380.1	3269.9	3018.7
22.5°	3446.2	3525.5	3662.2	3503.5	3283.2	3106.9	3089.3	3247.9	3499.1	3521.1	3287.6
25°	3785.6	3864.9	3935.4	3741.5	3278.8	3084.9	3098.1	3221.5	3644.5	3878.1	3737.1
27.5°	4151.3	4199.8	4301.2	4001.5	3384.5	3058.4	3071.6	3256.7	3781.1	4111.7	4089.6
30°	4358.5	4411.3	4389.3	4050.0	3455.0	3076.0	3040.8	3305.2	3706.2	4111.7	4318.8
32.5°	4561.2	4530.3	4517.1	4129.3	3543.2	3186.2	3098.1	3406.6	3750.3	4177.8	4614.1
35°	4808.0	4763.9	4728.6	4283.5	3688.6	3292.0	3252.3	3538.8	3847.3	4314.4	4852.0
37.5°	5081.2	5081.2	4909.3	4398.1	3860.5	3463.8	3419.8	3728.3	4001.5	4398.1	5178.1
40°	5402.9	5416.1	5112.0	4552.4	4054.4	3737.1	3723.9	3975.1	4151.3	4521.5	5491.0
42.5°	5640.9	5649.7	5288.3	4609.7	4279.1	4116.1	4173.4	4371.7	4323.2	4631.7	5513.1
45°	5803.9	5759.9	5411.7	4772.7	4525.9	4684.6	4702.2	4759.5	4548.0	4697.8	5601.2
47.5°	5883.3	5874.4	5464.6	4962.2	5045.9	5261.9	5363.2	5283.9	4755.1	4627.3	5601.2
50°	5962.6	5887.7	5513.1	5222.2	5552.7	5989.0	5967.0	5821.6	5041.5	4715.4	5517.5
52.5°	6015.5	5949.4	5610.0	5455.8	6037.5	6531.1	6619.2	6350.4	5376.5	4878.5	5557.1
55°	6205.0	6152.1	5900.9	5773.1	6597.2	7104.0	7117.2	6742.6	5729.0	5147.3	5817.2
57.5°	6434.1	6465.0	6301.9	6222.6	7024.7	7522.6	7474.2	7033.5	6028.7	5473.4	6116.8
60°	6597.2	6645.7	6606.0	6614.8	7236.2	7663.7	7553.5	7214.1	6249.0	5720.2	6482.6
62.5°	6509.0	6606.0	6769.0	6733.8	7245.0	7562.3	7408.1	6976.2	6275.5	6041.9	6760.2
65°	6266.7	6275.5	6592.8	6786.7	6848.4	7037.9	6835.2	6478.2	6002.2	6240.2	6720.6
67.5°	5645.3	5715.8	6002.2	6381.2	6121.2	6165.3	6147.7	5632.1	5588.0	6103.6	6416.5
70°	4984.2	5032.7	5345.6	5790.7	5169.3	4962.2	5001.9	4618.5	4799.2	5680.5	5803.9
72.5°	4120.5	4151.3	4508.3	4900.5	4146.9	3776.7	3869.3	3556.4	3812.0	4971.0	4896.1
75°	3111.3	3168.6	3446.2	3908.9	3054.0	2816.0	2908.6	2780.8	3018.7	4094.0	3798.8
77.5°	2212.3	2168.2	2512.0	3058.4	2296.0	2155.0	2163.8	2185.8	2441.4	3450.6	2727.9
80°	1507.2	1520.4	1828.9	2243.1	1802.4	1780.4	1758.4	1934.6	2049.2	2732.3	1983.1
82.5°	894.6	894.6	1233.9	1595.3	1423.4	1604.1	1502.8	1661.4	1604.1	2009.6	1300.0
85°	418.7	418.7	634.6	1150.2	1101.7	1322.1	1123.8	1256.0	1185.5	1401.4	586.1
87.5°	70.5	61.7	127.8	564.1	453.9	515.6	202.7	669.9	744.8	978.3	145.4
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: P598994  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0
2.5°	3274.4	3243.5	3181.8	3102.5	3036.4	2952.6	2926.2	2868.9	2789.6	2780.8	2745.5
5°	3084.9	2979.1	2846.9	2683.8	2573.6	2459.1	2362.1	2304.8	2238.7	2229.9	2212.3
7.5°	2877.7	2745.5	2525.2	2331.3	2141.8	1961.1	1872.9	1762.8	1687.9	1630.6	1604.1
10°	2683.8	2560.4	2287.2	2022.8	1855.3	1736.3	1630.6	1516.0	1423.4	1352.9	1326.5
12.5°	2556.0	2410.6	2115.3	1864.1	1740.7	1604.1	1485.1	1361.7	1242.8	1150.2	1101.7
15°	2498.7	2362.1	2062.4	1784.8	1604.1	1414.6	1278.0	1154.6	1009.2	943.1	921.0
17.5°	2635.3	2432.6	2044.8	1692.3	1436.7	1220.7	1053.3	921.0	815.3	749.2	722.7
20°	2811.6	2560.4	2075.7	1582.1	1278.0	1035.6	850.5	709.5	639.0	590.5	586.1
22.5°	3036.4	2749.9	2124.1	1502.8	1101.7	832.9	665.4	581.7	533.2	528.8	520.0
25°	3437.4	3093.7	2203.5	1397.0	960.7	687.5	568.5	520.0	498.0	484.8	493.6
27.5°	3781.1	3318.4	2260.8	1330.9	903.4	647.8	550.9	498.0	475.9	471.5	475.9
30°	3983.9	3525.5	2243.1	1207.5	788.8	617.0	586.1	568.5	524.4	489.2	489.2
32.5°	4169.0	3657.8	2238.7	1097.3	674.3	515.6	489.2	475.9	502.4	520.0	506.8
35°	4424.6	3864.9	2225.5	1035.6	625.8	475.9	431.9	396.6	379.0	370.2	383.4
37.5°	4697.8	4005.9	2190.2	1026.8	599.3	453.9	418.7	383.4	365.8	357.0	352.6
40°	4997.5	4155.7	2150.6	982.7	586.1	440.7	405.4	374.6	352.6	339.3	334.9
42.5°	5191.4	4274.7	2110.9	960.7	559.7	431.9	392.2	365.8	343.7	326.1	326.1
45°	5301.5	4415.7	2071.3	938.7	528.8	436.3	392.2	357.0	330.5	321.7	312.9
47.5°	5350.0	4521.5	2058.0	903.4	502.4	418.7	383.4	348.1	321.7	304.1	299.7
50°	5477.8	4746.3	2106.5	877.0	471.5	401.0	405.4	343.7	317.3	295.3	290.9
52.5°	5552.7	4927.0	2212.3	837.3	449.5	379.0	396.6	334.9	304.1	282.0	282.0
55°	5826.0	5226.6	2326.9	806.5	423.1	348.1	365.8	317.3	282.0	268.8	268.8
57.5°	6174.1	5543.9	2423.8	793.2	405.4	326.1	326.1	308.5	268.8	251.2	246.8
60°	6416.5	5803.9	2481.1	784.4	387.8	304.1	290.9	308.5	255.6	238.0	233.6
62.5°	6442.9	5654.1	2423.8	780.0	383.4	282.0	264.4	295.3	242.4	224.8	215.9
65°	6275.5	5350.0	2265.2	762.4	379.0	260.0	246.8	255.6	224.8	211.5	202.7
67.5°	5940.5	4856.4	2036.0	753.6	374.6	242.4	224.8	220.3	207.1	193.9	185.1
70°	5160.5	4213.0	1767.2	713.9	365.8	229.2	202.7	198.3	185.1	176.3	171.9
72.5°	4332.0	3446.2	1458.7	661.0	348.1	207.1	185.1	176.3	171.9	158.6	154.2
75°	3318.4	2653.0	1167.8	586.1	304.1	185.1	163.1	154.2	149.8	141.0	136.6
77.5°	2331.3	1974.3	863.8	475.9	255.6	167.5	145.4	136.6	132.2	119.0	119.0
80°	1582.1	1383.8	586.1	330.5	198.3	136.6	127.8	119.0	110.2	101.4	101.4
82.5°	982.7	969.5	423.1	215.9	145.4	110.2	101.4	101.4	88.1	79.3	79.3
85°	449.5	594.9	295.3	149.8	110.2	83.7	83.7	79.3	70.5	57.3	57.3
87.5°	141.0	198.3	154.2	66.1	61.7	48.5	48.5	44.1	44.1	35.3	35.3
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: P598994  
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0
2.5°	2780.8	2776.4	2776.4	2758.7	2802.8	2802.8	2829.3	2807.2	2820.4	2824.8	2860.1
5°	2207.9	2243.1	2269.6	2322.5	2353.3	2366.5	2366.5	2401.8	2388.6	2415.0	2467.9
7.5°	1617.3	1661.4	1740.7	1806.8	1859.7	1877.4	1872.9	1881.8	1895.0	1864.1	1872.9
10°	1308.9	1278.0	1304.5	1366.1	1414.6	1471.9	1427.8	1423.4	1436.7	1423.4	1449.9
12.5°	1092.9	1057.7	1035.6	1035.6	1070.9	1097.3	1084.1	1106.1	1154.6	1167.8	1198.7
15°	885.8	854.9	837.3	815.3	850.5	859.4	872.6	903.4	938.7	956.3	991.6
17.5°	709.5	709.5	709.5	691.9	705.1	718.3	722.7	762.4	766.8	784.4	797.7
20°	581.7	594.9	617.0	625.8	639.0	639.0	630.2	652.2	634.6	647.8	656.6
22.5°	524.4	542.1	550.9	555.3	572.9	577.3	555.3	559.7	564.1	550.9	555.3
25°	493.6	502.4	493.6	498.0	502.4	493.6	498.0	506.8	502.4	511.2	506.8
27.5°	480.4	471.5	467.1	462.7	462.7	453.9	458.3	458.3	467.1	471.5	471.5
30°	480.4	467.1	449.5	436.3	436.3	423.1	431.9	440.7	445.1	453.9	453.9
32.5°	493.6	467.1	436.3	423.1	409.8	401.0	409.8	423.1	440.7	445.1	449.5
35°	392.2	405.4	401.0	383.4	379.0	379.0	374.6	374.6	361.4	361.4	357.0
37.5°	352.6	348.1	357.0	361.4	365.8	352.6	352.6	334.9	330.5	334.9	334.9
40°	330.5	330.5	330.5	343.7	348.1	339.3	326.1	317.3	317.3	317.3	321.7
42.5°	321.7	312.9	308.5	317.3	330.5	321.7	308.5	304.1	304.1	308.5	308.5
45°	308.5	304.1	299.7	295.3	312.9	299.7	295.3	290.9	290.9	290.9	295.3
47.5°	295.3	290.9	282.0	282.0	286.5	282.0	277.6	277.6	277.6	286.5	286.5
50°	286.5	282.0	273.2	273.2	273.2	273.2	268.8	268.8	268.8	273.2	277.6
52.5°	273.2	268.8	264.4	260.0	260.0	260.0	260.0	260.0	260.0	264.4	268.8
55°	260.0	255.6	251.2	251.2	255.6	255.6	251.2	255.6	251.2	255.6	260.0
57.5°	246.8	242.4	238.0	242.4	246.8	242.4	242.4	242.4	242.4	242.4	246.8
60°	229.2	229.2	229.2	229.2	238.0	238.0	238.0	238.0	229.2	233.6	238.0
62.5°	220.3	215.9	215.9	220.3	224.8	224.8	229.2	224.8	220.3	224.8	224.8
65°	202.7	202.7	202.7	207.1	207.1	211.5	211.5	211.5	207.1	211.5	211.5
67.5°	189.5	189.5	189.5	189.5	198.3	198.3	198.3	198.3	193.9	193.9	198.3
70°	167.5	171.9	167.5	176.3	185.1	180.7	185.1	185.1	180.7	176.3	185.1
72.5°	154.2	154.2	154.2	154.2	167.5	167.5	167.5	171.9	167.5	163.1	167.5
75°	136.6	136.6	136.6	141.0	149.8	149.8	149.8	149.8	149.8	145.4	145.4
77.5°	119.0	123.4	119.0	123.4	132.2	127.8	132.2	136.6	132.2	127.8	127.8
80°	101.4	101.4	101.4	105.8	110.2	110.2	110.2	114.6	110.2	105.8	105.8
82.5°	79.3	79.3	83.7	83.7	88.1	88.1	88.1	92.5	88.1	83.7	83.7
85°	61.7	61.7	61.7	66.1	66.1	70.5	70.5	74.9	74.9	70.5	70.5
87.5°	39.7	35.3	39.7	39.7	44.1	44.1	39.7	35.3	39.7	35.3	30.8
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: P598994  
 CATALOG NUMBER: IFLD-S-SA2B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0
2.5°	2895.4	2974.7	3032.0	3071.6	3128.9	3239.1	3283.2	3362.5	3384.5	3397.7
5°	2489.9	2573.6	2697.0	2785.2	2886.5	3093.7	3252.3	3371.3	3424.2	3472.7
7.5°	1952.3	2062.4	2190.2	2304.8	2472.3	2727.9	2935.0	3181.8	3274.4	3322.8
10°	1524.8	1626.2	1767.2	1908.2	2141.8	2357.7	2653.0	2877.7	3005.5	3040.8
12.5°	1286.8	1405.8	1573.3	1745.1	1890.6	2137.4	2437.0	2763.1	2882.1	2904.2
15°	1092.9	1256.0	1427.8	1604.1	1771.6	1987.5	2309.2	2705.9	2882.1	2904.2
17.5°	903.4	1048.9	1251.6	1441.1	1635.0	1930.2	2331.3	2754.3	2930.6	2996.7
20°	718.3	859.4	1018.0	1256.0	1520.4	1833.3	2379.7	2917.4	3151.0	3221.5
22.5°	594.9	656.6	810.9	1040.0	1352.9	1767.2	2428.2	3173.0	3419.8	3446.2
25°	520.0	564.1	661.0	877.0	1220.7	1723.1	2542.8	3468.3	3785.6	3785.6
27.5°	484.8	502.4	568.5	762.4	1128.2	1683.4	2657.4	3794.4	4089.6	4151.3
30°	475.9	520.0	555.3	678.7	1026.8	1573.3	2763.1	4050.0	4354.1	4358.5
32.5°	467.1	458.3	484.8	590.5	903.4	1458.7	2851.3	4310.0	4548.0	4561.2
35°	365.8	383.4	427.5	520.0	810.9	1375.0	2895.4	4451.0	4794.7	4808.0
37.5°	343.7	365.8	401.0	480.4	749.2	1304.5	2908.6	4724.2	5054.8	5081.2
40°	334.9	352.6	379.0	445.1	700.7	1216.3	2935.0	5006.3	5438.2	5402.9
42.5°	317.3	339.3	365.8	427.5	661.0	1150.2	2939.4	5160.5	5640.9	5640.9
45°	312.9	326.1	357.0	427.5	617.0	1092.9	2868.9	5314.8	5874.4	5803.9
47.5°	295.3	321.7	348.1	414.3	564.1	1035.6	2785.2	5394.1	5905.3	5883.3
50°	290.9	317.3	361.4	392.2	533.2	1009.2	2767.6	5592.4	5967.0	5962.6
52.5°	282.0	308.5	374.6	374.6	493.6	973.9	2851.3	5680.5	5980.2	6015.5
55°	268.8	308.5	348.1	343.7	458.3	929.9	2943.8	5909.7	6213.8	6205.0
57.5°	260.0	299.7	330.5	312.9	418.7	899.0	3080.4	6130.0	6495.8	6434.1
60°	246.8	299.7	295.3	290.9	387.8	872.6	3195.0	6174.1	6557.5	6597.2
62.5°	238.0	312.9	260.0	268.8	361.4	859.4	3146.6	5843.6	6473.8	6509.0
65°	229.2	268.8	238.0	246.8	352.6	832.9	2957.1	5447.0	6112.4	6266.7
67.5°	211.5	220.3	220.3	229.2	343.7	771.2	2569.2	4733.0	5561.5	5645.3
70°	193.9	198.3	198.3	211.5	334.9	700.7	2119.7	4094.0	4825.6	4984.2
72.5°	176.3	176.3	176.3	193.9	308.5	643.4	1745.1	3146.6	4010.3	4120.5
75°	154.2	154.2	154.2	171.9	277.6	586.1	1375.0	2340.1	2952.6	3111.3
77.5°	136.6	136.6	132.2	154.2	242.4	475.9	991.6	1652.6	2080.1	2212.3
80°	114.6	110.2	110.2	123.4	189.5	343.7	639.0	1167.8	1449.9	1507.2
82.5°	92.5	88.1	83.7	92.5	136.6	215.9	396.6	815.3	929.9	894.6
85°	88.1	92.5	74.9	70.5	97.0	141.0	251.2	502.4	418.7	418.7
87.5°	35.3	30.8	30.8	26.4	48.5	52.9	110.2	92.5	70.5	70.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)