

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: P598738

Luminaire Tested: **IFLD-S-SA3B-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598738  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3B-750-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

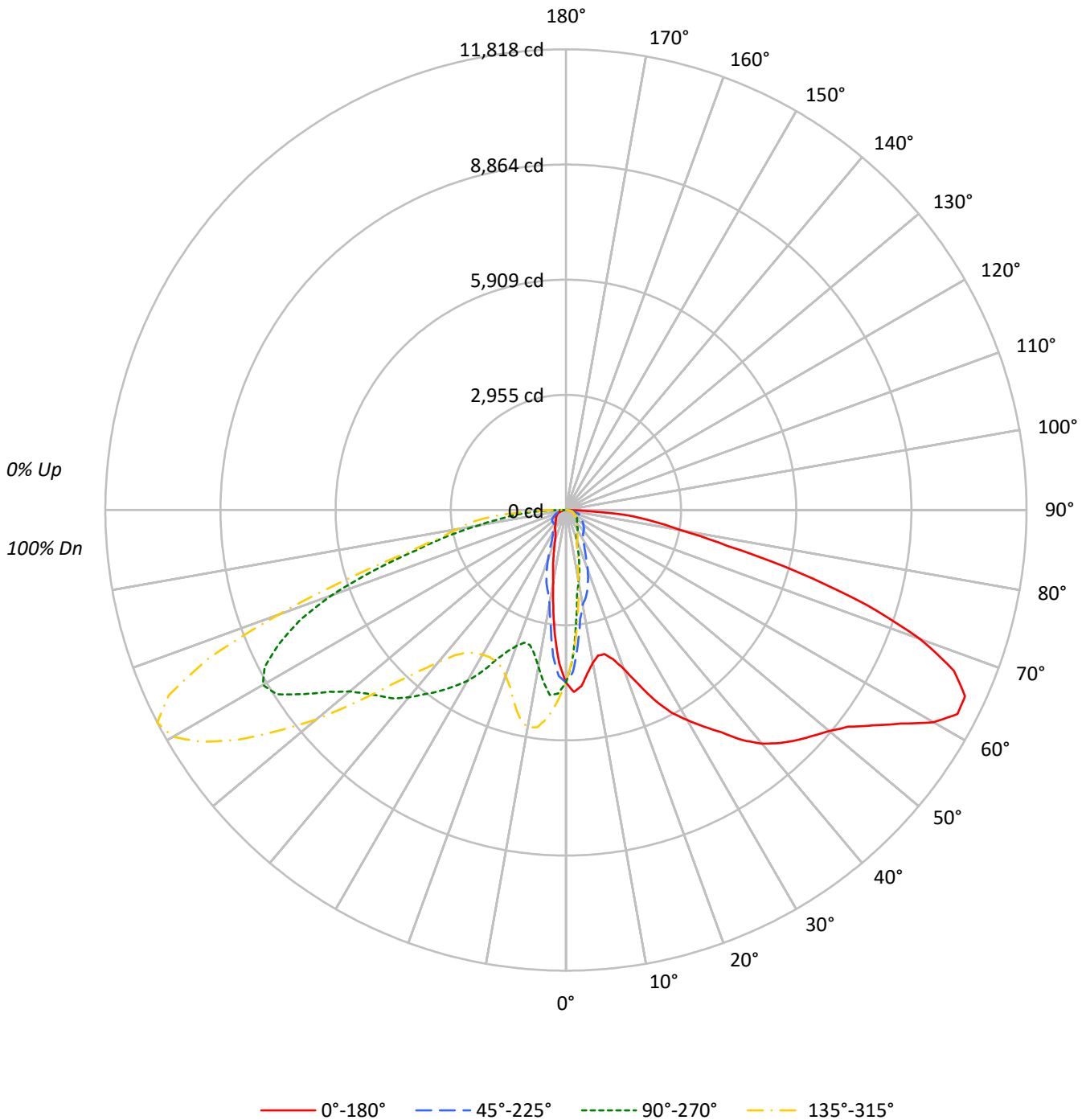
Lumens per Lamp: N/A  
 Luminaire Lumens: 14804.8 lumens  
 Efficiency: N/A  
 Efficacy: 121.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 122.4  
 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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CATALOG NUMBER: IFLD-S-SA3B-750-U-SLR

### Luminous Intensity Polar Plot



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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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	63471	63471	63471	63471
5°	65319	42475	46401	68621
10°	57951	26990	27261	59305
15°	56874	19142	18130	53194
20°	66124	12108	12203	56666
25°	85039	10398	10103	66991
30°	103057	9854	9239	83862
35°	121977	8681	8355	99404
40°	146562	8240	7659	117435
45°	169591	8171	7416	136905
50°	196931	8297	7469	161667
55°	240997	8525	7594	205972
60°	312553	8534	8000	257616
65°	383664	8626	8205	275758
70°	405979	9097	8577	268486
75°	341742	9615	8584	219127
80°	248278	11265	8703	189407
85°	263142	16319	7147	196846

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	342.3	2.3
10°-20°	716.3	4.8
20°-30°	1032.3	7.0
30°-40°	1486.1	10.0
40°-50°	2110.8	14.3
50°-60°	3034.8	20.5
60°-70°	3506.2	23.7
70°-80°	1985.3	13.4
80°-90°	590.8	4.0
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°	2090.8	14.1
0°-40°	3576.9	24.2
0°-60°	8722.5	58.9
0°-90°	14804.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14804.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4422	4422	4422	4422	4422	
5°	4534	2948	3221	4763	4534	411
15°	3828	1288	1220	3580	3828	1126
25°	5370	657	638	4230	5370	2493
35°	6962	496	477	5674	6962	4418
45°	8356	403	365	6745	8356	6470
55°	9632	341	304	8232	9632	8723
65°	11298	254	242	8120	11298	10834
75°	6163	173	155	3952	6163	6539
85°	1598	99	43	1195	1598	1591
90°	0	0	0	0	0	

TEST NUMBER: P598738  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5
2.5°	4670.2	4664.0	4626.9	4509.2	4385.3	4267.6	4156.1	4038.4	3976.5	3902.2	3871.2
5°	4533.9	4521.6	4416.3	4156.1	3926.9	3679.2	3468.6	3301.4	3165.1	3028.8	2979.3
7.5°	4224.2	4205.7	4081.8	3722.5	3388.1	3066.0	2812.0	2595.3	2415.6	2335.1	2242.2
10°	3976.5	3945.5	3784.5	3388.1	2954.5	2632.4	2465.2	2316.5	2161.7	2031.6	1895.3
12.5°	3821.6	3784.5	3617.2	3152.7	2731.5	2490.0	2316.5	2149.3	1957.3	1796.2	1647.6
15°	3827.8	3784.5	3580.1	3090.8	2675.8	2366.1	2124.5	1895.3	1672.4	1492.7	1325.5
17.5°	4007.5	3951.7	3734.9	3177.5	2632.4	2205.0	1883.0	1585.6	1331.7	1139.7	1003.4
20°	4329.5	4292.4	4044.6	3307.6	2589.1	2031.6	1635.2	1275.9	1009.6	861.0	805.2
22.5°	4812.7	4769.3	4503.0	3505.8	2576.7	1876.8	1368.9	1003.4	811.4	749.5	718.5
25°	5370.1	5289.6	5041.8	3840.2	2601.4	1734.3	1152.1	830.0	724.7	681.3	662.7
27.5°	5853.2	5803.7	5525.0	4156.1	2613.8	1622.8	1003.4	755.7	675.1	638.0	625.6
30°	6218.7	6200.1	5927.6	4503.0	2582.9	1486.5	910.5	724.7	675.1	638.0	600.8
32.5°	6584.1	6590.3	6299.2	4769.3	2539.5	1368.9	823.8	644.2	594.6	569.8	576.0
35°	6962.0	6992.9	6745.2	5029.5	2446.6	1325.5	761.9	600.8	557.5	520.3	501.7
37.5°	7438.9	7519.4	7277.8	5320.6	2353.7	1288.3	730.9	569.8	526.5	495.5	470.7
40°	7822.9	7971.6	7829.1	5593.1	2291.7	1245.0	706.1	538.9	507.9	470.7	452.2
42.5°	8107.8	8281.3	8231.7	5803.7	2291.7	1201.6	681.3	520.3	495.5	452.2	427.4
45°	8355.6	8535.2	8529.0	6020.5	2341.3	1176.8	650.4	520.3	483.1	439.8	415.0
47.5°	8578.6	8758.2	8820.1	6293.0	2421.8	1164.5	613.2	507.9	483.1	433.6	396.4
50°	8820.1	9018.3	9204.2	6726.6	2520.9	1133.5	588.4	489.3	489.3	427.4	384.0
52.5°	9129.8	9352.8	9693.5	7265.5	2620.0	1077.7	551.3	476.9	489.3	421.2	371.6
55°	9631.5	9817.4	10263.3	7909.6	2743.9	1009.6	520.3	446.0	464.5	402.6	353.1
57.5°	10195.2	10356.2	10727.9	8405.1	2781.1	922.9	476.9	415.0	446.0	384.0	328.3
60°	10888.9	10969.4	10969.4	8547.6	2657.2	842.4	446.0	390.2	402.6	365.4	309.7
62.5°	11328.7	11328.7	10969.4	8287.5	2421.8	774.2	421.2	365.4	353.1	340.7	291.1
65°	11297.7	11248.1	10715.5	7531.8	2149.3	730.9	396.4	334.5	315.9	309.7	272.5
67.5°	10777.4	10690.7	9966.0	6466.4	1864.4	712.3	371.6	303.5	291.1	278.7	247.8
70°	9674.9	9451.9	8560.0	5202.9	1585.6	699.9	365.4	278.7	266.3	254.0	229.2
72.5°	8076.9	7791.9	6683.2	4001.3	1331.7	656.6	346.9	247.8	241.6	229.2	204.4
75°	6162.9	5636.5	4664.0	3059.8	1034.4	569.8	297.3	216.8	216.8	210.6	185.8
77.5°	4249.0	3976.5	3251.8	2260.8	755.7	439.8	241.6	192.0	192.0	198.2	173.4
80°	3004.0	2750.1	2316.5	1622.8	476.9	297.3	185.8	161.0	179.6	192.0	161.0
82.5°	2297.9	2112.1	1721.9	1183.0	278.7	204.4	142.5	130.1	154.8	167.2	136.3
85°	1598.0	1375.0	873.3	792.8	161.0	123.9	105.3	105.3	136.3	167.2	123.9
87.5°	452.2	192.0	55.7	235.4	68.1	49.6	37.2	24.8	37.2	37.2	24.8
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°	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5
2.5°	3840.2	3803.1	3803.1	3790.7	3796.9	3803.1	3796.9	3840.2	3858.8	3883.6	3933.1
5°	2948.3	2997.9	2960.7	2997.9	3047.4	3121.7	3140.3	3196.1	3202.3	3245.6	3220.8
7.5°	2186.5	2180.3	2149.3	2192.6	2328.9	2434.2	2483.8	2514.7	2520.9	2520.9	2490.0
10°	1852.0	1796.2	1740.5	1709.5	1721.9	1833.4	1870.6	1889.1	1876.8	1895.3	1870.6
12.5°	1585.6	1536.1	1455.6	1399.8	1362.7	1393.6	1430.8	1449.4	1461.8	1492.7	1517.5
15°	1288.3	1238.8	1189.2	1158.3	1127.3	1102.5	1133.5	1152.1	1183.0	1207.8	1220.2
17.5°	978.6	953.9	929.1	947.7	947.7	935.3	947.7	953.9	966.3	984.8	978.6
20°	792.8	786.6	780.4	811.4	836.2	836.2	848.6	830.0	823.8	805.2	799.0
22.5°	706.1	706.1	712.3	737.1	761.9	774.2	774.2	743.3	712.3	699.9	706.1
25°	656.6	656.6	675.1	681.3	693.7	693.7	699.9	668.9	650.4	631.8	638.0
27.5°	619.4	619.4	625.6	625.6	631.8	631.8	638.0	625.6	600.8	594.6	594.6
30°	594.6	594.6	588.4	588.4	588.4	588.4	594.6	576.0	563.6	557.5	557.5
32.5°	569.8	563.6	557.5	557.5	551.3	551.3	557.5	538.9	532.7	532.7	532.7
35°	495.5	489.3	495.5	507.9	507.9	514.1	514.1	507.9	495.5	483.1	476.9
37.5°	464.5	458.3	458.3	458.3	470.7	476.9	483.1	470.7	452.2	433.6	433.6
40°	439.8	439.8	433.6	433.6	433.6	446.0	458.3	439.8	415.0	408.8	408.8
42.5°	421.2	415.0	408.8	402.6	396.4	415.0	427.4	402.6	390.2	390.2	390.2
45°	402.6	396.4	390.2	384.0	377.8	384.0	396.4	371.6	365.4	365.4	365.4
47.5°	384.0	377.8	365.4	359.2	353.1	353.1	365.4	346.9	340.7	346.9	346.9
50°	371.6	359.2	346.9	340.7	334.5	334.5	334.5	328.3	328.3	328.3	334.5
52.5°	359.2	346.9	328.3	322.1	315.9	315.9	315.9	315.9	309.7	315.9	322.1
55°	340.7	328.3	315.9	309.7	303.5	297.3	303.5	297.3	297.3	303.5	303.5
57.5°	315.9	303.5	291.1	291.1	284.9	284.9	291.1	284.9	284.9	291.1	291.1
60°	297.3	284.9	272.5	272.5	266.3	272.5	278.7	272.5	272.5	272.5	278.7
62.5°	272.5	266.3	254.0	254.0	254.0	254.0	260.1	254.0	260.1	260.1	260.1
65°	254.0	241.6	235.4	235.4	235.4	235.4	247.8	235.4	241.6	241.6	241.6
67.5°	235.4	223.0	216.8	216.8	216.8	216.8	229.2	216.8	223.0	229.2	223.0
70°	216.8	204.4	198.2	198.2	198.2	198.2	204.4	198.2	198.2	204.4	204.4
72.5°	192.0	185.8	179.6	179.6	173.4	179.6	185.8	179.6	179.6	179.6	179.6
75°	173.4	167.2	167.2	161.0	161.0	161.0	167.2	154.8	154.8	154.8	154.8
77.5°	161.0	148.7	148.7	148.7	142.5	148.7	142.5	130.1	130.1	130.1	130.1
80°	136.3	123.9	130.1	130.1	123.9	123.9	117.7	105.3	105.3	105.3	105.3
82.5°	111.5	99.1	105.3	105.3	105.3	105.3	92.9	86.7	80.5	74.3	74.3
85°	99.1	80.5	92.9	92.9	86.7	86.7	61.9	61.9	49.6	49.6	43.4
87.5°	18.6	12.4	24.8	31.0	31.0	37.2	24.8	31.0	18.6	12.4	12.4
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°	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5
2.5°	3926.9	3995.1	4088.0	4156.1	4261.4	4341.9	4465.8	4571.1	4670.2	4713.6	4756.9
5°	3295.2	3338.5	3481.0	3592.5	3759.7	3939.3	4162.3	4403.9	4651.6	4763.1	4893.2
7.5°	2465.2	2545.7	2626.2	2787.3	2991.7	3282.8	3567.7	3926.9	4273.8	4441.0	4664.0
10°	1913.9	1975.9	2068.8	2236.0	2428.0	2669.6	3010.2	3437.6	3852.6	4069.4	4298.6
12.5°	1536.1	1622.8	1746.7	1920.1	2143.1	2390.9	2638.6	3035.0	3518.1	3765.9	4026.0
15°	1245.0	1313.1	1449.4	1666.2	1926.3	2180.3	2440.4	2768.7	3295.2	3580.1	3889.8
17.5°	991.0	1040.6	1164.5	1381.2	1641.4	1926.3	2223.6	2638.6	3220.8	3567.7	3933.1
20°	805.2	842.4	922.9	1083.9	1331.7	1641.4	2013.0	2514.7	3264.2	3710.2	4156.1
22.5°	706.1	718.5	755.7	842.4	1046.8	1375.0	1821.0	2409.4	3344.7	3920.7	4521.6
25°	638.0	650.4	662.7	718.5	836.2	1145.9	1653.8	2347.5	3518.1	4230.4	4942.7
27.5°	594.6	607.0	613.2	638.0	718.5	978.6	1511.3	2310.3	3753.5	4682.6	5463.0
30°	557.5	557.5	576.0	613.2	668.9	861.0	1387.4	2223.6	4001.3	5060.4	5871.8
32.5°	526.5	532.7	557.5	576.0	613.2	761.9	1263.6	2112.1	4224.2	5370.1	6274.4
35°	470.7	470.7	476.9	507.9	557.5	681.3	1152.1	2000.6	4348.1	5673.6	6633.7
37.5°	433.6	439.8	452.2	476.9	520.3	625.6	1059.2	1876.8	4478.2	5958.5	7054.9
40°	408.8	415.0	427.4	452.2	495.5	576.0	978.6	1777.7	4614.5	6268.2	7507.0
42.5°	390.2	396.4	408.8	433.6	470.7	563.6	891.9	1697.1	4695.0	6553.2	7934.4
45°	371.6	377.8	396.4	421.2	452.2	551.3	842.4	1641.4	4726.0	6745.2	8275.1
47.5°	353.1	359.2	377.8	415.0	452.2	532.7	823.8	1610.4	4750.7	6962.0	8547.6
50°	334.5	346.9	371.6	408.8	458.3	507.9	811.4	1604.2	4893.2	7240.7	8807.7
52.5°	322.1	340.7	365.4	408.8	452.2	470.7	805.2	1622.8	5178.1	7655.7	9179.4
55°	309.7	328.3	353.1	408.8	433.6	439.8	774.2	1653.8	5611.7	8231.7	9705.9
57.5°	297.3	309.7	340.7	396.4	408.8	415.0	712.3	1697.1	6045.3	8795.4	10244.7
60°	278.7	291.1	322.1	396.4	371.6	390.2	631.8	1709.5	6355.0	8975.0	10294.3
62.5°	260.1	272.5	303.5	408.8	340.7	365.4	563.6	1666.2	6416.9	8714.8	10015.6
65°	241.6	254.0	278.7	340.7	315.9	340.7	520.3	1548.5	6212.5	8120.2	9507.7
67.5°	223.0	235.4	254.0	278.7	284.9	309.7	501.7	1362.7	5698.4	7383.1	8813.9
70°	198.2	210.6	229.2	247.8	254.0	291.1	470.7	1183.0	4868.4	6398.3	7965.4
72.5°	179.6	185.8	204.4	216.8	229.2	266.3	452.2	1034.4	3722.5	5178.1	6497.4
75°	154.8	154.8	173.4	185.8	198.2	235.4	415.0	861.0	2626.2	3951.7	4775.5
77.5°	130.1	130.1	142.5	154.8	167.2	204.4	353.1	699.9	1821.0	3134.1	3462.4
80°	99.1	99.1	111.5	123.9	136.3	173.4	284.9	514.1	1127.3	2291.7	2520.9
82.5°	68.1	68.1	86.7	92.9	99.1	136.3	216.8	353.1	662.7	1653.8	1802.4
85°	37.2	37.2	49.6	55.7	68.1	99.1	161.0	247.8	396.4	1195.4	1201.6
87.5°	6.2	6.2	18.6	18.6	31.0	49.6	92.9	136.3	223.0	662.7	421.2
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: P598738  
 CATALOG NUMBER: IFLD-S-SA3B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5	4422.5
2.5°	4837.4	4905.6	4911.8	4911.8	4880.8	4887.0	4800.3	4707.4	4676.4	4670.2
5°	5091.4	5271.0	5320.6	5345.3	5264.8	5140.9	4918.0	4676.4	4552.5	4533.9
7.5°	5041.8	5401.1	5593.1	5617.9	5456.8	5165.7	4775.5	4403.9	4261.4	4224.2
10°	4750.7	5233.9	5580.7	5667.4	5494.0	5122.4	4614.5	4180.9	4007.5	3976.5
12.5°	4546.3	5010.9	5351.5	5469.2	5388.7	5066.6	4533.9	4038.4	3865.0	3821.6
15°	4434.8	4862.2	5085.2	5122.4	5116.2	4979.9	4533.9	4069.4	3877.4	3827.8
17.5°	4527.8	4818.9	4849.8	4763.1	4812.7	4880.8	4633.0	4236.6	4050.8	4007.5
20°	4713.6	4800.3	4651.6	4521.6	4546.3	4763.1	4787.9	4552.5	4403.9	4329.5
22.5°	5103.8	4868.4	4527.8	4348.1	4366.7	4670.2	4992.3	4979.9	4849.8	4812.7
25°	5500.2	5060.4	4490.6	4280.0	4304.8	4651.6	5233.9	5456.8	5388.7	5370.1
27.5°	5940.0	5382.5	4515.4	4249.0	4280.0	4676.4	5401.1	5859.4	5871.8	5853.2
30°	6237.3	5537.4	4589.7	4286.2	4329.5	4738.3	5438.3	6101.0	6212.5	6218.7
32.5°	6485.0	5692.2	4744.5	4348.1	4422.5	4849.8	5537.4	6330.2	6577.9	6584.1
35°	6683.2	5865.6	4936.6	4459.6	4571.1	5035.7	5667.4	6547.0	6918.6	6962.0
37.5°	6937.2	6057.6	5159.5	4701.2	4825.1	5302.0	5896.6	6800.9	7321.2	7438.9
40°	7209.7	6249.7	5481.6	5091.4	5271.0	5698.4	6156.8	7085.8	7661.9	7822.9
42.5°	7513.2	6454.1	5847.1	5617.9	5890.4	6200.1	6454.1	7346.0	7922.0	8107.8
45°	7810.5	6701.8	6379.7	6336.4	6639.9	6794.7	6745.2	7531.8	8169.8	8355.6
47.5°	8021.1	7061.1	7023.9	7284.0	7569.0	7488.4	7085.8	7668.1	8374.2	8578.6
50°	8213.1	7507.0	7835.3	8343.2	8516.6	8244.1	7451.3	7853.9	8591.0	8820.1
52.5°	8498.1	7984.0	8671.5	9303.3	9470.5	9036.9	7847.7	8157.4	8925.4	9129.8
55°	9080.3	8522.8	9544.8	10269.5	10300.5	9761.6	8380.4	8671.5	9396.2	9631.5
57.5°	9730.6	9185.6	10238.5	11068.5	11056.1	10486.3	8981.2	9365.2	10034.1	10195.2
60°	10319.1	9854.5	10994.2	11638.4	11607.4	11012.8	9681.1	10151.8	10765.0	10888.9
62.5°	10665.9	10461.5	11328.7	11818.0	11700.3	11186.2	10275.7	10851.7	11285.3	11328.7
65°	10610.2	10808.4	10938.5	11242.0	11074.7	10703.1	10566.8	11297.7	11341.1	11297.7
67.5°	10189.0	10610.2	9866.9	9897.9	9811.2	9495.3	10114.7	11180.0	10882.7	10777.4
70°	9551.0	9582.0	8250.3	7860.1	7996.3	7562.8	8677.7	10263.3	9805.0	9674.9
72.5°	8491.9	8107.8	6237.3	5840.9	6045.3	5735.6	6962.0	8944.0	8498.1	8076.9
75°	7123.0	6423.1	4750.7	4187.1	4292.4	4280.0	5394.9	7389.3	6584.1	6162.9
77.5°	5518.8	5004.7	3505.8	3289.0	3177.5	3202.3	3765.9	5494.0	4775.5	4249.0
80°	4032.2	3499.6	2712.9	2836.8	2774.9	2626.2	2638.6	3679.2	3319.9	3004.0
82.5°	2787.3	2490.0	2198.8	2483.8	2335.1	2105.9	2056.4	2651.0	2490.0	2297.9
85°	1870.6	2050.2	1746.7	1901.5	1647.6	1517.5	1932.5	2217.4	1790.0	1598.0
87.5°	1220.2	1876.8	1257.4	953.9	545.1	730.9	1183.0	1455.6	836.2	452.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)