

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: P599298

Luminaire Tested: **IFLD-M-SA4A-760-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599298  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-760-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (64) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

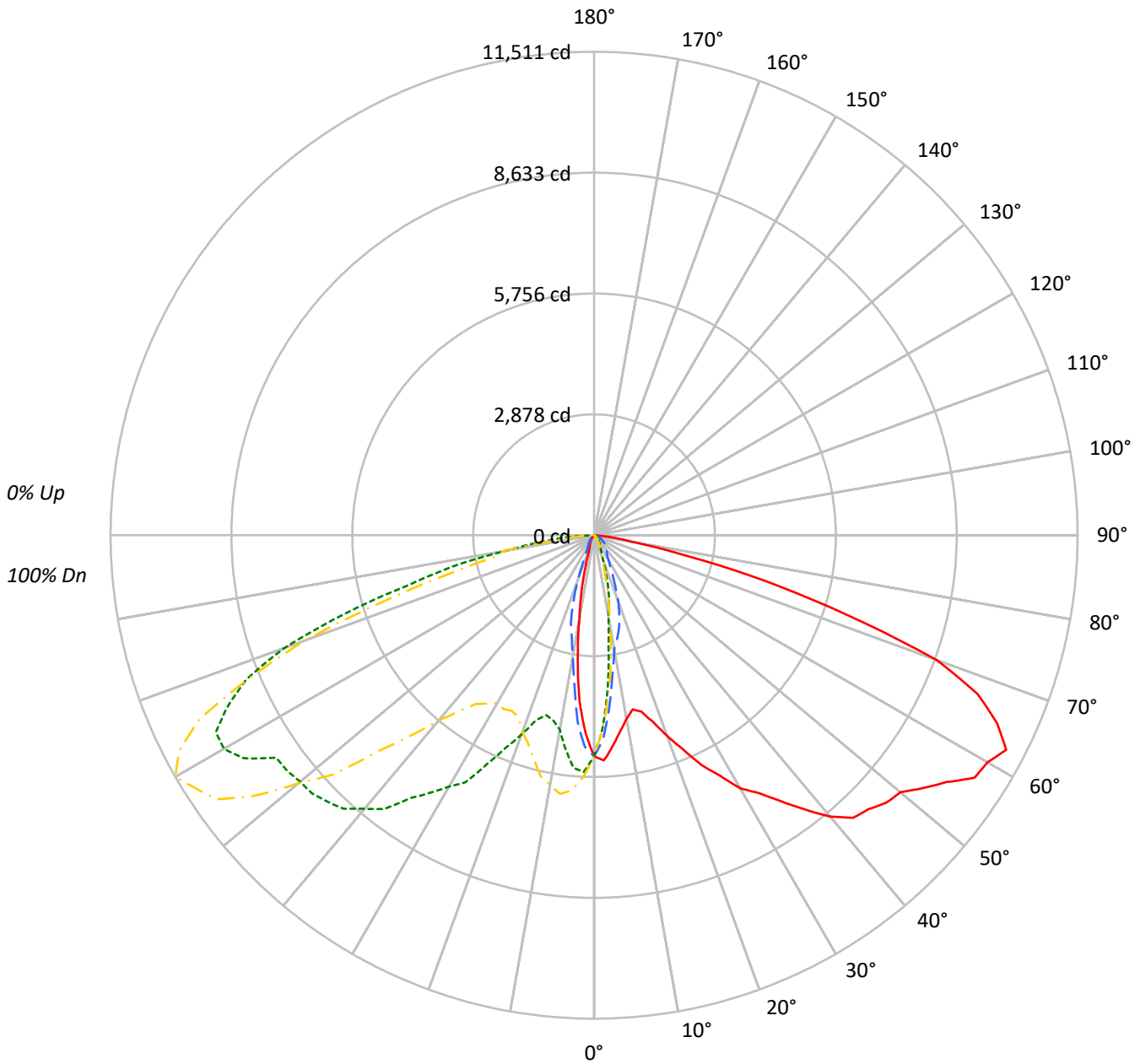
Lumens per Lamp: N/A  
 Luminaire Lumens: 13760.0 lumens  
 Efficiency: N/A  
 Efficacy: 107.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	56622	56622	56622	56622
5°	54515	39844	42889	60086
10°	48536	21693	21977	51373
15°	48450	14469	8847	49360
20°	58174	7224	3527	57835
25°	71552	4538	2732	71199
30°	86454	3643	2074	85901
35°	101443	2925	1608	100420
40°	122811	2503	1043	119422
45°	140500	2259	565	136605
50°	159405	2174	124	152883
55°	192285	2089	0	173350
60°	232800	1757	0	218983
65°	269568	1416	0	245002
70°	272966	1168	0	247046
75°	176656	769	0	189461
80°	60251	229	0	134065
85°	30233	0	0	98505

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	398.5	2.9
10°-20°	771.6	5.6
20°-30°	1074.7	7.8
30°-40°	1527.0	11.1
40°-50°	2117.5	15.4
50°-60°	2885.2	21.0
60°-70°	3172.0	23.1
70°-80°	1559.0	11.3
80°-90°	254.6	1.9
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°	2244.7	16.3
0°-40°	3771.7	27.4
0°-60°	8774.3	63.8
0°-90°	13760.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13760.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5260	5260	5260	5260	5260	
5°	5045	3688	3969	5561	5045	462
15°	4348	1298	794	4429	4348	1287
25°	6025	382	230	5995	6025	2801
35°	7720	223	122	7642	7720	4900
45°	9230	148	37	8974	9230	7155
55°	10246	111	0	9237	10246	9217
65°	10584	56	0	9619	10584	10228
75°	4248	18	0	4556	4248	4631
85°	245	0	0	798	245	339
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4
2.5°	5368.0	5431.1	5371.7	5164.0	5126.9	5026.7	4874.6	4863.5	4704.0	4722.5	4637.2
5°	5045.3	5108.3	4982.2	4707.7	4451.7	4247.7	4125.2	3906.4	3858.1	3750.6	3750.6
7.5°	4715.1	4711.4	4496.2	4266.2	3884.1	3509.4	3338.8	3023.4	2838.0	2737.8	2641.3
10°	4440.6	4381.2	4247.7	3772.8	3357.3	2967.8	2756.3	2548.6	2355.7	2188.7	2021.8
12.5°	4247.7	4284.8	4073.3	3557.6	3019.7	2748.9	2522.6	2303.8	2073.7	1884.6	1699.1
15°	4347.8	4288.5	4039.9	3509.4	2964.1	2593.1	2292.6	2025.5	1769.5	1521.0	1380.0
17.5°	4659.4	4507.3	4214.3	3509.4	2849.1	2355.7	1992.1	1676.8	1402.3	1179.7	1005.3
20°	5078.6	4904.3	4589.0	3639.3	2763.8	2181.3	1684.2	1287.3	1001.6	793.9	660.3
22.5°	5509.0	5371.7	4896.9	3691.2	2663.6	1947.6	1328.1	931.1	667.8	534.2	467.4
25°	6024.6	5831.7	5312.4	3898.9	2515.2	1721.3	1046.1	649.2	497.1	426.6	385.8
27.5°	6436.4	6403.0	5701.9	4025.1	2403.9	1535.8	827.3	515.7	411.8	359.8	333.9
30°	6955.8	6774.0	6176.7	4277.3	2277.8	1324.4	690.0	463.7	378.4	322.7	304.2
32.5°	7267.4	7182.1	6425.3	4418.3	2136.8	1150.0	593.6	408.1	345.0	304.2	285.7
35°	7720.0	7549.3	6781.4	4507.3	2062.6	1049.9	534.2	371.0	289.4	248.6	226.3
37.5°	8224.5	8161.4	7208.0	4503.6	1955.0	990.5	493.4	345.0	274.5	230.0	204.0
40°	8740.2	8484.2	7467.7	4607.5	1899.4	946.0	463.7	330.2	259.7	218.9	185.5
42.5°	9126.0	8832.9	7768.2	4570.4	1832.6	868.1	452.6	307.9	248.6	200.3	170.6
45°	9229.8	9126.0	8039.0	4559.3	1784.4	805.0	434.0	304.2	241.1	189.2	159.5
47.5°	9430.2	9359.7	8372.9	4577.8	1747.3	756.8	389.5	311.6	230.0	178.1	152.1
50°	9519.2	9393.1	8643.7	4622.3	1662.0	697.4	348.7	326.5	226.3	174.4	144.7
52.5°	9886.5	9775.2	9014.7	4748.5	1591.5	619.5	307.9	311.6	233.7	163.2	137.3
55°	10246.3	10120.2	9586.0	5037.8	1491.3	556.5	263.4	274.5	222.6	148.4	122.4
57.5°	10739.7	10532.0	9968.1	5156.5	1402.3	471.1	233.7	226.3	207.7	133.6	107.6
60°	10813.9	10899.2	9912.4	5082.4	1309.5	415.5	204.0	174.4	222.6	118.7	92.7
62.5°	11062.5	10706.3	9652.8	4911.7	1242.8	382.1	181.8	144.7	192.9	103.9	77.9
65°	10583.9	10320.5	9044.4	4362.7	1157.4	385.8	159.5	118.7	122.4	85.3	63.1
67.5°	9882.8	9675.0	8035.3	3765.4	1072.1	378.4	141.0	103.9	92.7	74.2	55.6
70°	8673.4	8224.5	6825.9	3056.8	946.0	352.4	118.7	92.7	77.9	59.4	40.8
72.5°	6310.3	6128.5	4896.9	2363.1	849.5	319.0	111.3	77.9	66.8	44.5	33.4
75°	4247.7	3947.2	3090.2	1550.7	682.6	278.2	92.7	70.5	51.9	33.4	26.0
77.5°	2244.4	2122.0	1751.0	738.2	378.4	129.8	51.9	40.8	29.7	26.0	14.8
80°	972.0	864.4	756.8	300.5	133.6	59.4	33.4	22.3	18.5	14.8	7.4
82.5°	497.1	474.8	393.2	129.8	77.9	44.5	18.5	14.8	11.1	7.4	3.7
85°	244.8	252.3	207.7	40.8	44.5	26.0	3.7	3.7	0.0	0.0	0.0
87.5°	18.5	18.5	14.8	7.4	11.1	3.7	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

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4
2.5°	4603.8	4655.7	4566.7	4622.3	4596.4	4607.5	4618.6	4589.0	4596.4	4700.2	4704.0
5°	3687.5	3787.7	3750.6	3802.5	3891.5	3847.0	3887.8	3880.4	3887.8	3902.7	3969.4
7.5°	2630.2	2600.5	2671.0	2808.3	2967.8	3064.2	3016.0	2990.1	2975.2	2938.1	2982.6
10°	1984.7	1969.9	1951.3	1992.1	2096.0	2203.6	2262.9	2162.8	2107.1	2036.7	2010.7
12.5°	1647.1	1554.4	1502.4	1439.4	1469.1	1565.5	1569.2	1472.8	1383.7	1346.6	1387.4
15°	1298.4	1235.3	1142.6	1053.6	1009.1	1083.2	1020.2	927.4	812.4	797.6	793.9
17.5°	927.4	890.3	823.6	786.5	734.5	716.0	649.2	508.2	426.6	404.4	411.8
20°	630.7	601.0	597.3	563.9	541.6	526.8	419.2	326.5	300.5	304.2	307.9
22.5°	467.4	452.6	434.0	430.3	411.8	393.2	307.9	274.5	256.0	256.0	267.1
25°	382.1	374.7	356.1	348.7	341.3	315.3	259.7	233.7	226.3	218.9	230.0
27.5°	326.5	322.7	311.6	300.5	293.1	267.1	226.3	204.0	196.6	196.6	196.6
30°	293.1	293.1	278.2	256.0	256.0	226.3	192.9	178.1	170.6	170.6	166.9
32.5°	274.5	267.1	248.6	233.7	222.6	192.9	170.6	155.8	144.7	144.7	148.4
35°	222.6	222.6	218.9	207.7	192.9	163.2	144.7	129.8	122.4	118.7	122.4
37.5°	196.6	185.5	170.6	174.4	166.9	141.0	122.4	111.3	100.2	100.2	100.2
40°	178.1	166.9	152.1	141.0	137.3	126.1	107.6	89.0	77.9	74.2	74.2
42.5°	159.5	152.1	129.8	111.3	107.6	107.6	81.6	66.8	55.6	55.6	55.6
45°	148.4	137.3	118.7	96.5	77.9	81.6	66.8	48.2	40.8	37.1	37.1
47.5°	141.0	129.8	103.9	81.6	59.4	59.4	48.2	33.4	26.0	22.3	22.3
50°	129.8	118.7	92.7	66.8	44.5	37.1	29.7	18.5	11.1	7.4	7.4
52.5°	122.4	111.3	81.6	55.6	37.1	26.0	18.5	3.7	0.0	0.0	0.0
55°	111.3	96.5	70.5	44.5	29.7	14.8	3.7	0.0	0.0	0.0	0.0
57.5°	96.5	85.3	55.6	33.4	18.5	3.7	0.0	0.0	0.0	0.0	0.0
60°	81.6	70.5	44.5	26.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	66.8	59.4	33.4	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	55.6	44.5	26.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	48.2	37.1	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	37.1	26.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	26.0	18.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	18.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	11.1	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4
2.5°	4718.8	4830.1	4934.0	4963.6	5045.3	5271.5	5271.5	5379.1	5572.0	5642.5	5657.4
5°	3980.6	4099.3	4121.5	4351.5	4459.1	4689.1	4841.2	5204.8	5423.6	5560.9	5646.2
7.5°	3027.2	3068.0	3153.3	3368.4	3579.9	3858.1	4147.5	4611.2	4997.0	5152.8	5442.2
10°	2081.2	2203.6	2389.1	2582.0	2912.2	3220.1	3594.7	4032.5	4507.3	4700.2	4948.8
12.5°	1402.3	1572.9	1869.7	2144.2	2448.4	2760.1	3116.2	3702.3	4240.2	4507.3	4755.9
15°	819.9	1027.6	1283.6	1728.7	2133.1	2481.8	2838.0	3431.5	4084.4	4429.4	4733.6
17.5°	415.5	478.6	690.0	1075.8	1610.0	2181.3	2711.8	3468.6	4203.1	4626.1	4878.3
20°	311.6	330.2	389.5	571.3	1101.8	1802.9	2593.1	3524.3	4533.3	5049.0	5186.2
22.5°	270.8	285.7	311.6	371.0	619.5	1380.0	2426.2	3661.5	4982.2	5468.2	5757.5
25°	230.0	244.8	267.1	304.2	396.9	938.6	2222.1	3806.2	5382.8	5994.9	6265.8
27.5°	200.3	211.5	233.7	263.4	322.7	597.3	1869.7	3999.1	5994.9	6633.0	6703.5
30°	170.6	181.8	200.3	233.7	274.5	422.9	1372.6	4025.1	6332.5	6911.3	7107.9
32.5°	148.4	152.1	174.4	204.0	230.0	333.9	964.5	4051.0	6581.1	7271.1	7311.9
35°	122.4	129.8	152.1	170.6	200.3	263.4	730.8	3921.2	6903.8	7642.1	7630.9
37.5°	100.2	111.3	126.1	141.0	163.2	222.6	582.4	3680.1	7308.2	8217.1	7868.4
40°	77.9	89.0	103.9	122.4	137.3	200.3	437.7	3316.5	7731.1	8499.0	8128.1
42.5°	55.6	63.1	77.9	96.5	122.4	166.9	315.3	2886.2	7898.0	8829.2	8439.7
45°	40.8	48.2	59.4	81.6	126.1	133.6	218.9	2492.9	8076.1	8973.9	8369.2
47.5°	22.3	29.7	44.5	70.5	111.3	100.2	155.8	2140.5	8280.2	9103.7	8424.8
50°	7.4	11.1	26.0	74.2	89.0	77.9	122.4	1951.3	8480.5	9129.7	8536.1
52.5°	0.0	0.0	14.8	77.9	66.8	59.4	107.6	1877.1	8428.5	9211.3	8465.6
55°	0.0	0.0	3.7	33.4	37.1	44.5	89.0	1873.4	8795.8	9237.3	8851.5
57.5°	0.0	0.0	0.0	11.1	22.3	37.1	77.9	1754.7	9029.5	9882.8	9370.8
60°	0.0	0.0	0.0	3.7	14.8	26.0	59.4	1650.8	9266.9	10172.1	9927.3
62.5°	0.0	0.0	0.0	0.0	3.7	11.1	40.8	1491.3	8788.4	10149.9	10465.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	26.0	1179.7	7905.5	9619.4	10168.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	816.1	6922.4	8951.6	9623.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	493.4	5586.9	7849.8	8161.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.5	3988.0	6232.4	6696.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3	2467.0	4555.6	5126.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	1598.9	3450.1	3891.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	853.2	2162.8	2515.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371.0	1313.2	1513.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	797.6	908.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.4	163.2
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: P599298  
 CATALOG NUMBER: IFLD-M-SA4A-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4	5260.4
2.5°	5664.8	5772.4	5813.2	5750.1	5757.5	5627.7	5609.1	5427.4	5353.2	5368.0
5°	5924.5	6080.3	6165.6	6095.1	5935.6	5687.0	5460.7	5245.6	5112.0	5045.3
7.5°	5865.1	6039.5	6147.0	6213.8	6032.0	5631.4	5286.4	4882.0	4711.4	4715.1
10°	5538.7	5902.2	6121.1	6035.8	5950.4	5549.8	5015.6	4577.8	4425.7	4440.6
12.5°	5275.3	5679.6	5809.5	5876.2	5701.9	5382.8	5023.0	4522.2	4351.5	4247.7
15°	5112.0	5412.5	5419.9	5523.8	5453.3	5453.3	5100.9	4611.2	4462.8	4347.8
17.5°	5112.0	5178.8	5171.4	5208.5	5327.2	5468.2	5297.5	4971.1	4678.0	4659.4
20°	5227.0	5019.3	4971.1	4985.9	5086.1	5505.3	5731.6	5323.5	5138.0	5078.6
22.5°	5494.1	5037.8	4744.8	4692.8	5000.7	5501.6	6009.8	5879.9	5557.2	5509.0
25°	5861.4	5004.4	4685.4	4618.6	4852.3	5635.1	6391.9	6417.9	6124.8	6024.6
27.5°	6210.1	5152.8	4678.0	4663.2	4971.1	5605.4	6655.3	6848.2	6518.0	6436.4
30°	6328.8	5301.2	4815.2	4618.6	5015.6	5713.0	6647.9	7152.4	6937.2	6955.8
32.5°	6469.8	5449.6	4830.1	4752.2	5204.8	5887.4	6859.3	7642.1	7486.3	7267.4
35°	6677.5	5649.9	4971.1	4900.6	5338.3	6043.2	6903.8	8001.9	7976.0	7720.0
37.5°	6855.6	5846.6	5264.1	5275.3	5746.4	6295.4	7100.5	8443.4	8398.9	8224.5
40°	6981.7	6121.1	5720.4	5750.1	6102.5	6577.4	7449.2	8666.0	8996.1	8740.2
42.5°	7000.3	6365.9	6243.5	6480.9	6811.1	7015.1	7590.1	8818.1	9292.9	9126.0
45°	7070.8	6755.4	7096.7	7271.1	7541.9	7400.9	7582.7	9077.7	9315.2	9229.8
47.5°	7345.3	7464.0	7894.3	8424.8	8521.3	8057.6	7760.8	9118.6	9441.3	9430.2
50°	7630.9	8224.5	8829.2	9181.6	9304.0	8510.2	7927.7	9085.2	9608.2	9519.2
52.5°	7950.0	8884.8	9756.6	10190.7	10123.9	9011.0	8116.9	9356.0	9916.1	9886.5
55°	8150.3	9181.6	10353.9	10958.6	10906.7	9571.1	8717.9	9745.5	10320.5	10246.3
57.5°	8680.8	9663.9	10947.5	11229.4	11366.7	10305.7	9137.1	10383.6	10658.1	10739.7
60°	9118.6	9979.2	11103.3	11511.3	11559.6	10743.4	9871.6	11040.2	11088.4	10813.9
62.5°	9760.3	10101.6	10773.1	11140.4	11388.9	10992.0	10532.0	11392.6	11081.0	11062.5
65°	10231.5	9701.0	10157.3	10361.3	10520.8	10613.6	11196.0	11633.8	10943.7	10583.9
67.5°	9968.1	8944.2	8858.9	8870.0	8918.2	9478.4	10973.4	11043.9	10179.5	9882.8
70°	8773.5	7337.9	7222.9	7311.9	7070.8	7745.9	10072.0	10038.6	8981.3	8673.4
72.5°	7096.7	5349.5	5152.8	5275.3	5330.9	6046.9	8473.1	7612.4	6551.4	6310.3
75°	5638.8	3921.2	3309.1	3605.9	3795.1	4403.5	6618.2	5171.4	4574.1	4247.7
77.5°	4429.4	2967.8	2574.6	2455.9	2630.2	3201.5	4815.2	2715.5	2396.5	2244.4
80°	2808.3	2181.3	2366.8	2196.2	2270.4	2285.2	2507.8	1235.3	983.1	972.0
82.5°	1691.6	1491.3	1773.3	975.7	1777.0	1587.8	1042.4	560.2	497.1	497.1
85°	1198.2	923.7	612.1	396.9	790.2	871.8	404.4	289.4	252.3	244.8
87.5°	601.0	285.7	137.3	89.0	100.2	163.2	48.2	22.3	22.3	18.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)