

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: P599240

Luminaire Tested: **IFLD-M-SA4A-740-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: P599240  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-740-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (64) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

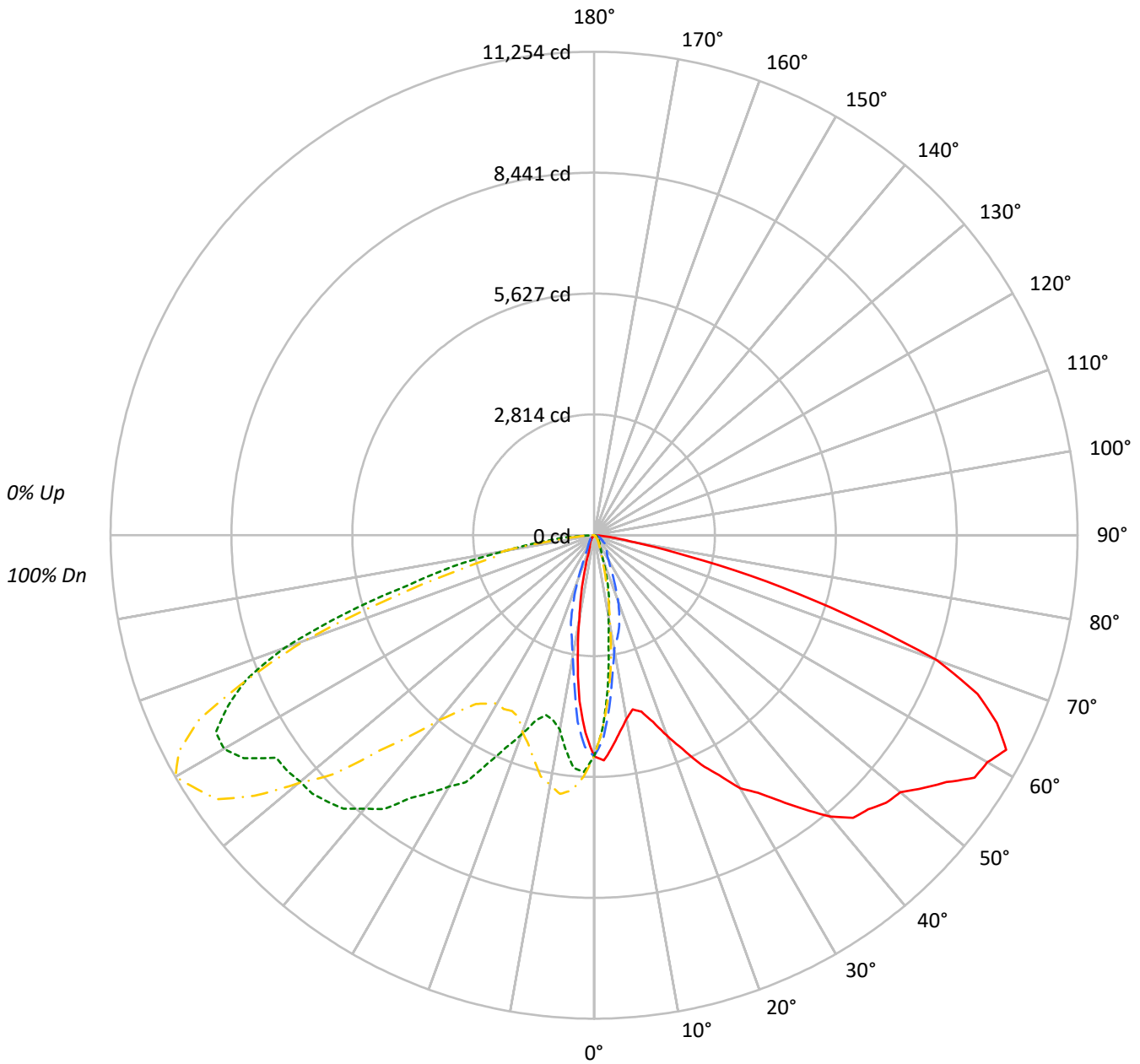
Lumens per Lamp: N/A  
 Luminaire Lumens: 13451.9 lumens  
 Efficiency: N/A  
 Efficacy: 104.6 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 Input Voltage (V): 120  
 Input Current (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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

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

	0°	90°	180°	270°
0°	55356	55356	55356	55356
5°	53294	38951	41930	58740
10°	47449	21207	21485	50223
15°	47366	14145	8649	48255
20°	56872	7062	3448	56539
25°	69951	4436	2671	69606
30°	84519	3561	2028	83977
35°	99173	2859	1573	98171
40°	120061	2446	1019	116749
45°	137355	2209	553	133547
50°	155837	2125	122	149460
55°	187980	2042	0	169469
60°	227588	1718	0	214081
65°	263534	1386	0	239516
70°	266854	1142	0	241516
75°	172701	753	0	185219
80°	58900	223	0	131065
85°	29566	0	0	96295

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	389.6	2.9
10°-20°	754.3	5.6
20°-30°	1050.6	7.8
30°-40°	1492.8	11.1
40°-50°	2070.1	15.4
50°-60°	2820.6	21.0
60°-70°	3101.0	23.1
70°-80°	1524.1	11.3
80°-90°	248.9	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°	2194.5	16.3
0°-40°	3687.3	27.4
0°-60°	8577.9	63.8
0°-90°	13451.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13451.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5143	5143	5143	5143	5143	
5°	4932	3605	3881	5436	4932	451
15°	4250	1269	776	4330	4250	1258
25°	5890	374	225	5861	5890	2738
35°	7547	218	120	7471	7547	4791
45°	9023	145	36	8773	9023	6995
55°	10017	109	0	9030	10017	9011
65°	10347	54	0	9404	10347	9999
75°	4153	18	0	4454	4153	4527
85°	239	0	0	780	239	331
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°	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7
2.5°	5247.8	5309.5	5251.5	5048.4	5012.1	4914.2	4765.5	4754.6	4598.6	4616.8	4533.4
5°	4932.3	4994.0	4870.7	4602.3	4352.0	4152.6	4032.9	3818.9	3771.8	3666.6	3666.6
7.5°	4609.5	4605.9	4395.6	4170.7	3797.1	3430.9	3264.0	2955.8	2774.4	2676.5	2582.2
10°	4341.2	4283.1	4152.6	3688.3	3282.2	2901.4	2694.6	2491.5	2303.0	2139.7	1976.5
12.5°	4152.6	4188.8	3982.1	3478.0	2952.1	2687.4	2466.2	2252.2	2027.3	1842.4	1661.0
15°	4250.5	4192.5	3949.5	3430.9	2897.7	2535.1	2241.3	1980.2	1729.9	1486.9	1349.1
17.5°	4555.1	4406.4	4119.9	3430.9	2785.3	2303.0	1947.5	1639.3	1370.9	1153.3	982.8
20°	4964.9	4794.5	4486.2	3557.8	2701.9	2132.5	1646.5	1258.5	979.2	776.1	645.6
22.5°	5385.6	5251.5	4787.2	3608.6	2604.0	1904.0	1298.4	910.3	652.8	522.2	457.0
25°	5889.8	5701.2	5193.4	3811.7	2458.9	1682.8	1022.7	634.7	486.0	417.1	377.2
27.5°	6292.3	6259.7	5574.2	3935.0	2350.1	1501.5	808.8	504.1	402.6	351.8	326.4
30°	6800.1	6622.3	6038.4	4181.6	2226.8	1294.7	674.6	453.3	369.9	315.5	297.4
32.5°	7104.7	7021.3	6281.4	4319.4	2089.0	1124.3	580.3	398.9	337.3	297.4	279.3
35°	7547.2	7380.3	6629.6	4406.4	2016.4	1026.4	522.2	362.7	282.9	243.0	221.2
37.5°	8040.4	7978.7	7046.7	4402.8	1911.3	968.3	482.4	337.3	268.4	224.9	199.5
40°	8544.5	8294.2	7300.5	4504.4	1856.9	924.8	453.3	322.8	253.9	214.0	181.3
42.5°	8921.7	8635.2	7594.3	4468.1	1791.6	848.6	442.5	301.0	243.0	195.8	166.8
45°	9023.2	8921.7	7859.0	4457.2	1744.4	787.0	424.3	297.4	235.7	185.0	155.9
47.5°	9219.1	9150.1	8185.4	4475.3	1708.2	739.8	380.8	304.6	224.9	174.1	148.7
50°	9306.1	9182.8	8450.2	4518.9	1624.8	681.8	340.9	319.1	221.2	170.5	141.4
52.5°	9665.1	9556.3	8812.9	4642.2	1555.9	605.7	301.0	304.6	228.5	159.6	134.2
55°	10016.9	9893.6	9371.4	4925.1	1457.9	544.0	257.5	268.4	217.6	145.1	119.7
57.5°	10499.3	10296.2	9744.9	5041.1	1370.9	460.6	228.5	221.2	203.1	130.6	105.2
60°	10571.8	10655.2	9690.5	4968.6	1280.2	406.2	199.5	170.5	217.6	116.1	90.7
62.5°	10814.8	10466.6	9436.7	4801.7	1214.9	373.5	177.7	141.4	188.6	101.5	76.2
65°	10347.0	10089.5	8841.9	4265.0	1131.5	377.2	155.9	116.1	119.7	83.4	61.7
67.5°	9661.5	9458.4	7855.4	3681.1	1048.1	369.9	137.8	101.5	90.7	72.5	54.4
70°	8479.2	8040.4	6673.1	2988.4	924.8	344.5	116.1	90.7	76.2	58.0	39.9
72.5°	6169.0	5991.3	4787.2	2310.2	830.5	311.9	108.8	76.2	65.3	43.5	32.6
75°	4152.6	3858.8	3021.0	1516.0	667.3	272.0	90.7	68.9	50.8	32.6	25.4
77.5°	2194.2	2074.5	1711.8	721.7	369.9	126.9	50.8	39.9	29.0	25.4	14.5
80°	950.2	845.0	739.8	293.8	130.6	58.0	32.6	21.8	18.1	14.5	7.3
82.5°	486.0	464.2	384.4	126.9	76.2	43.5	18.1	14.5	10.9	7.3	3.6
85°	239.4	246.6	203.1	39.9	43.5	25.4	3.6	3.6	0.0	0.0	0.0
87.5°	18.1	18.1	14.5	7.3	10.9	3.6	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°	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7
2.5°	4500.7	4551.5	4464.5	4518.9	4493.5	4504.4	4515.2	4486.2	4493.5	4595.0	4598.6
5°	3604.9	3702.9	3666.6	3717.4	3804.4	3760.9	3800.8	3793.5	3800.8	3815.3	3880.6
7.5°	2571.3	2542.3	2611.2	2745.4	2901.4	2995.6	2948.5	2923.1	2908.6	2872.3	2915.9
10°	1940.3	1925.8	1907.6	1947.5	2049.1	2154.3	2212.3	2114.4	2060.0	1991.1	1965.7
12.5°	1610.3	1519.6	1468.8	1407.2	1436.2	1530.5	1534.1	1439.8	1352.8	1316.5	1356.4
15°	1269.3	1207.7	1117.0	1030.0	986.5	1059.0	997.3	906.7	794.2	779.7	776.1
17.5°	906.7	870.4	805.1	768.9	718.1	700.0	634.7	496.9	417.1	395.3	402.6
20°	616.5	587.5	583.9	551.3	529.5	515.0	409.8	319.1	293.8	297.4	301.0
22.5°	457.0	442.5	424.3	420.7	402.6	384.4	301.0	268.4	250.2	250.2	261.1
25°	373.5	366.3	348.2	340.9	333.7	308.3	253.9	228.5	221.2	214.0	224.9
27.5°	319.1	315.5	304.6	293.8	286.5	261.1	221.2	199.5	192.2	192.2	192.2
30°	286.5	286.5	272.0	250.2	250.2	221.2	188.6	174.1	166.8	166.8	163.2
32.5°	268.4	261.1	243.0	228.5	217.6	188.6	166.8	152.3	141.4	141.4	145.1
35°	217.6	217.6	214.0	203.1	188.6	159.6	141.4	126.9	119.7	116.1	119.7
37.5°	192.2	181.3	166.8	170.5	163.2	137.8	119.7	108.8	97.9	97.9	97.9
40°	174.1	163.2	148.7	137.8	134.2	123.3	105.2	87.0	76.2	72.5	72.5
42.5°	155.9	148.7	126.9	108.8	105.2	105.2	79.8	65.3	54.4	54.4	54.4
45°	145.1	134.2	116.1	94.3	76.2	79.8	65.3	47.1	39.9	36.3	36.3
47.5°	137.8	126.9	101.5	79.8	58.0	58.0	47.1	32.6	25.4	21.8	21.8
50°	126.9	116.1	90.7	65.3	43.5	36.3	29.0	18.1	10.9	7.3	7.3
52.5°	119.7	108.8	79.8	54.4	36.3	25.4	18.1	3.6	0.0	0.0	0.0
55°	108.8	94.3	68.9	43.5	29.0	14.5	3.6	0.0	0.0	0.0	0.0
57.5°	94.3	83.4	54.4	32.6	18.1	3.6	0.0	0.0	0.0	0.0	0.0
60°	79.8	68.9	43.5	25.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	65.3	58.0	32.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	54.4	43.5	25.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	47.1	36.3	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	36.3	25.4	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	25.4	18.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	18.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.6	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°	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7
2.5°	4613.2	4722.0	4823.5	4852.5	4932.3	5153.5	5153.5	5258.7	5447.3	5516.2	5530.7
5°	3891.4	4007.5	4029.3	4254.1	4359.3	4584.1	4732.8	5088.3	5302.2	5436.4	5519.8
7.5°	2959.4	2999.3	3082.7	3293.0	3499.8	3771.8	4054.6	4508.0	4885.2	5037.5	5320.4
10°	2034.6	2154.3	2335.6	2524.2	2847.0	3148.0	3514.3	3942.2	4406.4	4595.0	4838.0
12.5°	1370.9	1537.7	1827.9	2096.2	2393.6	2698.3	3046.4	3619.4	4145.3	4406.4	4649.4
15°	801.5	1004.6	1254.8	1690.0	2085.3	2426.3	2774.4	3354.7	3993.0	4330.3	4627.7
17.5°	406.2	467.8	674.6	1051.7	1574.0	2132.5	2651.1	3391.0	4109.0	4522.5	4769.1
20°	304.6	322.8	380.8	558.5	1077.1	1762.6	2535.1	3445.4	4431.8	4935.9	5070.1
22.5°	264.7	279.3	304.6	362.7	605.7	1349.1	2371.9	3579.5	4870.7	5345.7	5628.6
25°	224.9	239.4	261.1	297.4	388.1	917.6	2172.4	3721.0	5262.3	5860.7	6125.5
27.5°	195.8	206.7	228.5	257.5	315.5	583.9	1827.9	3909.6	5860.7	6484.5	6553.4
30°	166.8	177.7	195.8	228.5	268.4	413.4	1341.9	3935.0	6190.8	6756.5	6948.7
32.5°	145.1	148.7	170.5	199.5	224.9	326.4	942.9	3960.4	6433.8	7108.3	7148.2
35°	119.7	126.9	148.7	166.8	195.8	257.5	714.5	3833.4	6749.3	7471.0	7460.1
37.5°	97.9	108.8	123.3	137.8	159.6	217.6	569.4	3597.7	7144.6	8033.1	7692.2
40°	76.2	87.0	101.5	119.7	134.2	195.8	427.9	3242.3	7558.0	8308.8	7946.1
42.5°	54.4	61.7	76.2	94.3	119.7	163.2	308.3	2821.6	7721.2	8631.5	8250.7
45°	39.9	47.1	58.0	79.8	123.3	130.6	214.0	2437.1	7895.3	8773.0	8181.8
47.5°	21.8	29.0	43.5	68.9	108.8	97.9	152.3	2092.6	8094.8	8899.9	8236.2
50°	7.3	10.9	25.4	72.5	87.0	76.2	119.7	1907.6	8290.6	8925.3	8345.0
52.5°	0.0	0.0	14.5	76.2	65.3	58.0	105.2	1835.1	8239.8	9005.1	8276.1
55°	0.0	0.0	3.6	32.6	36.3	43.5	87.0	1831.5	8598.9	9030.5	8653.3
57.5°	0.0	0.0	0.0	10.9	21.8	36.3	76.2	1715.4	8827.4	9661.5	9161.0
60°	0.0	0.0	0.0	3.6	14.5	25.4	58.0	1613.9	9059.5	9944.4	9705.0
62.5°	0.0	0.0	0.0	0.0	3.6	10.9	39.9	1457.9	8591.6	9922.6	10230.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	25.4	1153.3	7728.5	9404.0	9940.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.5	797.9	6767.4	8751.2	9407.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	482.4	5461.8	7674.1	7978.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206.7	3898.7	6092.8	6546.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.4	2411.8	4453.6	5012.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6	1563.1	3372.8	3804.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	834.1	2114.4	2458.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	362.7	1283.8	1479.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116.1	779.7	888.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.7	159.6
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: P599240  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7	5142.7
2.5°	5538.0	5643.1	5683.0	5621.4	5628.6	5501.7	5483.6	5305.9	5233.3	5247.8
5°	5791.8	5944.2	6027.6	5958.7	5802.7	5559.7	5338.5	5128.1	4997.6	4932.3
7.5°	5733.8	5904.3	6009.4	6074.7	5897.0	5505.3	5168.0	4772.7	4605.9	4609.5
10°	5414.7	5770.1	5984.0	5900.6	5817.2	5425.5	4903.3	4475.3	4326.6	4341.2
12.5°	5157.2	5552.5	5679.4	5744.7	5574.2	5262.3	4910.5	4420.9	4254.1	4152.6
15°	4997.6	5291.3	5298.6	5400.1	5331.2	5331.2	4986.7	4508.0	4362.9	4250.5
17.5°	4997.6	5062.9	5055.6	5091.9	5207.9	5345.7	5178.9	4859.8	4573.3	4555.1
20°	5110.0	4906.9	4859.8	4874.3	4972.2	5382.0	5603.2	5204.3	5023.0	4964.9
22.5°	5371.1	4925.1	4638.5	4587.8	4888.8	5378.4	5875.2	5748.3	5432.8	5385.6
25°	5730.2	4892.4	4580.5	4515.2	4743.7	5508.9	6248.8	6274.2	5987.7	5889.8
27.5°	6071.1	5037.5	4573.3	4558.8	4859.8	5479.9	6506.3	6694.9	6372.1	6292.3
30°	6187.1	5182.5	4707.4	4515.2	4903.3	5585.1	6499.0	6992.3	6781.9	6800.1
32.5°	6325.0	5327.6	4722.0	4645.8	5088.3	5755.6	6705.8	7471.0	7318.7	7104.7
35°	6528.0	5523.5	4859.8	4790.9	5218.8	5907.9	6749.3	7822.8	7797.4	7547.2
37.5°	6702.1	5715.7	5146.3	5157.2	5617.7	6154.5	6941.5	8254.4	8210.8	8040.4
40°	6825.4	5984.0	5592.4	5621.4	5965.9	6430.1	7282.4	8472.0	8794.7	8544.5
42.5°	6843.6	6223.4	6103.7	6335.8	6658.6	6858.1	7420.2	8620.7	9084.9	8921.7
45°	6912.5	6604.2	6937.9	7108.3	7373.1	7235.3	7413.0	8874.5	9106.6	9023.2
47.5°	7180.9	7296.9	7717.6	8236.2	8330.5	7877.2	7587.0	8914.4	9229.9	9219.1
50°	7460.1	8040.4	8631.5	8976.1	9095.7	8319.6	7750.2	8881.8	9393.1	9306.1
52.5°	7772.0	8685.9	9538.2	9962.5	9897.2	8809.2	7935.2	9146.5	9694.2	9665.1
55°	7967.8	8976.1	10122.1	10713.3	10662.5	9356.9	8522.7	9527.3	10089.5	10016.9
57.5°	8486.5	9447.5	10702.4	10978.0	11112.2	10075.0	8932.5	10151.1	10419.5	10499.3
60°	8914.4	9755.8	10854.7	11253.6	11300.8	10502.9	9650.6	10793.0	10840.2	10571.8
62.5°	9541.8	9875.5	10531.9	10891.0	11134.0	10745.9	10296.2	11137.6	10832.9	10814.8
65°	10002.4	9483.8	9929.9	10129.4	10285.3	10376.0	10945.4	11373.3	10698.7	10347.0
67.5°	9744.9	8744.0	8660.5	8671.4	8718.6	9266.2	10727.8	10796.7	9951.6	9661.5
70°	8577.1	7173.6	7061.2	7148.2	6912.5	7572.5	9846.5	9813.8	8780.2	8479.2
72.5°	6937.9	5229.7	5037.5	5157.2	5211.6	5911.5	8283.4	7442.0	6404.7	6169.0
75°	5512.6	3833.4	3235.0	3525.1	3710.1	4304.9	6470.0	5055.6	4471.7	4152.6
77.5°	4330.3	2901.4	2516.9	2400.9	2571.3	3129.8	4707.4	2654.7	2342.8	2194.2
80°	2745.4	2132.5	2313.8	2147.0	2219.5	2234.0	2451.6	1207.7	961.1	950.2
82.5°	1653.8	1457.9	1733.6	953.8	1737.2	1552.2	1019.1	547.6	486.0	486.0
85°	1171.4	903.0	598.4	388.1	772.5	852.3	395.3	282.9	246.6	239.4
87.5°	587.5	279.3	134.2	87.0	97.9	159.6	47.1	21.8	21.8	18.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)