

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: P599242

Luminaire Tested: **IFLD-M-SA4C-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: P599242  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4C-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**

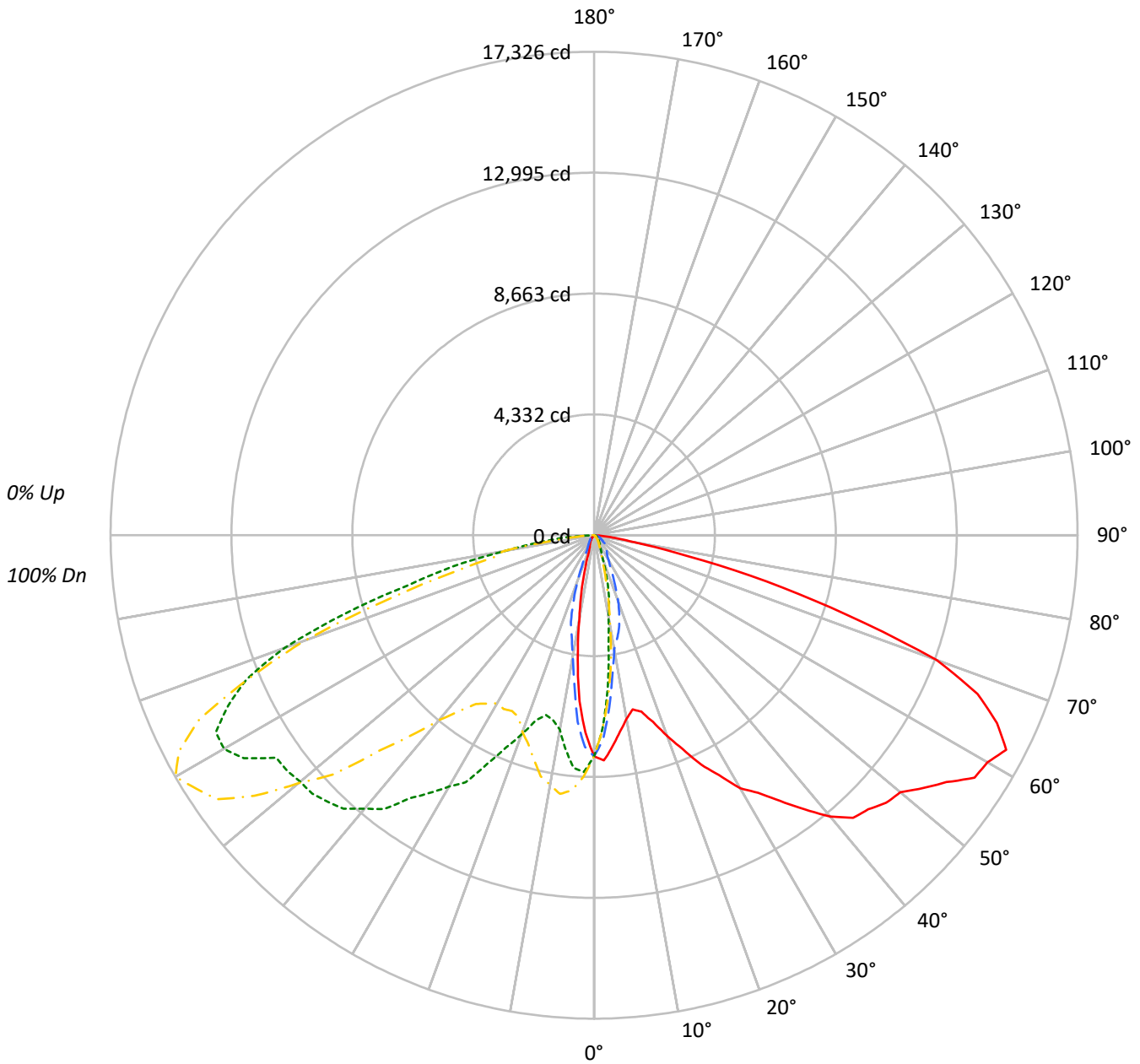
Lumens per Lamp: N/A  
 Luminaire Lumens: 20710.1 lumens  
 Efficiency: N/A  
 Efficacy: 95.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 218.1  
 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°	85222	85222	85222	85222
5°	82049	59968	64554	90435
10°	73050	32650	33077	77322
15°	72923	21777	13316	74291
20°	87558	10873	5308	87047
25°	107693	6830	4112	107163
30°	130121	5482	3123	129289
35°	152681	4402	2422	151141
40°	184842	3766	1570	179743
45°	211468	3399	849	205602
50°	239920	3272	188	230104
55°	289408	3143	0	260908
60°	350387	2644	0	329591
65°	405726	2134	0	368751
70°	410839	1756	0	371827
75°	265880	1160	0	285156
80°	90681	347	0	201780
85°	45511	0	0	148264

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	599.8	2.9
10°-20°	1161.3	5.6
20°-30°	1617.5	7.8
30°-40°	2298.2	11.1
40°-50°	3187.0	15.4
50°-60°	4342.5	21.0
60°-70°	4774.2	23.1
70°-80°	2346.5	11.3
80°-90°	383.2	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
<b>0°-30°</b>	<b>3378.6</b>	<b>16.3</b>
<b>0°-40°</b>	<b>5676.8</b>	<b>27.4</b>
<b>0°-60°</b>	<b>13206.2</b>	<b>63.8</b>
<b>0°-90°</b>	<b>20710.1</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>20710.1</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7917	7917	7917	7917	7917	
5°	7594	5550	5974	8370	7594	695
15°	6544	1954	1195	6667	6544	1937
25°	9068	575	346	9023	9068	4216
35°	11619	335	184	11502	11619	7376
45°	13892	223	56	13506	13892	10769
55°	15422	168	0	13903	15422	13873
65°	15930	84	0	14478	15930	15394
75°	6393	28	0	6857	6393	6970
85°	368	0	0	1200	368	510
90°	0	0	0	0	0	

TEST NUMBER: P599242  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4
2.5°	8079.4	8174.3	8084.9	7772.3	7716.4	7565.7	7336.8	7320.0	7079.9	7107.8	6979.4
5°	7593.6	7688.5	7498.7	7085.5	6700.2	6393.1	6208.9	5879.5	5806.9	5644.9	5644.9
7.5°	7096.7	7091.1	6767.2	6421.1	5846.0	5282.0	5025.2	4550.6	4271.4	4120.6	3975.5
10°	6683.5	6594.1	6393.1	5678.4	5053.1	4466.8	4148.6	3835.9	3545.5	3294.3	3043.0
12.5°	6393.1	6449.0	6130.7	5354.6	4545.0	4137.4	3796.8	3467.4	3121.2	2836.4	2557.3
15°	6543.9	6454.6	6080.5	5282.0	4461.2	3902.9	3450.6	3048.6	2663.3	2289.2	2077.1
17.5°	7012.9	6784.0	6342.9	5282.0	4288.1	3545.5	2998.4	2523.8	2110.6	1775.6	1513.1
20°	7643.8	7381.4	6906.8	5477.4	4159.7	3283.1	2534.9	1937.5	1507.6	1194.9	993.9
22.5°	8291.5	8084.9	7370.3	5555.6	4009.0	2931.4	1998.9	1401.5	1005.0	804.0	703.5
25°	9067.6	8777.3	7995.6	5868.3	3785.6	2590.8	1574.6	977.1	748.2	642.1	580.7
27.5°	9687.4	9637.2	8581.9	6058.1	3618.1	2311.6	1245.1	776.1	619.8	541.6	502.5
30°	10469.1	10195.5	9296.6	6437.8	3428.3	1993.3	1038.5	697.9	569.5	485.8	457.8
32.5°	10938.1	10809.7	9670.7	6650.0	3216.1	1730.9	893.4	614.2	519.3	457.8	429.9
35°	11619.3	11362.5	10206.7	6784.0	3104.4	1580.1	804.0	558.4	435.5	374.1	340.6
37.5°	12378.7	12283.8	10848.8	6778.4	2942.5	1490.8	742.6	519.3	413.2	346.2	307.1
40°	13154.8	12769.5	11239.6	6934.7	2858.8	1423.8	697.9	496.9	390.8	329.4	279.2
42.5°	13735.5	13294.4	11691.9	6878.9	2758.3	1306.5	681.2	463.4	374.1	301.5	256.8
45°	13891.8	13735.5	12099.5	6862.2	2685.7	1211.6	653.3	457.8	362.9	284.8	240.1
47.5°	14193.3	14087.2	12602.0	6890.1	2629.8	1139.0	586.3	469.0	346.2	268.0	228.9
50°	14327.3	14137.5	13009.6	6957.1	2501.4	1049.7	524.9	491.4	340.6	262.4	217.8
52.5°	14880.1	14712.6	13568.0	7146.9	2395.3	932.4	463.4	469.0	351.8	245.7	206.6
55°	15421.7	15231.9	14427.8	7582.4	2244.6	837.5	396.4	413.2	335.0	223.3	184.3
57.5°	16164.3	15851.6	15002.9	7761.1	2110.6	709.1	351.8	340.6	312.7	201.0	161.9
60°	16276.0	16404.4	14919.2	7649.4	1971.0	625.4	307.1	262.4	335.0	178.7	139.6
62.5°	16650.1	16114.1	14528.3	7392.6	1870.5	575.1	273.6	217.8	290.3	156.3	117.3
65°	15929.8	15533.4	13612.6	6566.2	1742.1	580.7	240.1	178.7	184.3	128.4	94.9
67.5°	14874.5	14561.8	12093.9	5667.3	1613.6	569.5	212.2	156.3	139.6	111.7	83.8
70°	13054.3	12378.7	10273.7	4600.8	1423.8	530.4	178.7	139.6	117.3	89.3	61.4
72.5°	9497.6	9224.0	7370.3	3556.7	1278.6	480.2	167.5	117.3	100.5	67.0	50.3
75°	6393.1	5940.9	4651.1	2333.9	1027.4	418.8	139.6	106.1	78.2	50.3	39.1
77.5°	3378.0	3193.8	2635.4	1111.1	569.5	195.4	78.2	61.4	44.7	39.1	22.3
80°	1462.9	1301.0	1139.0	452.3	201.0	89.3	50.3	33.5	27.9	22.3	11.2
82.5°	748.2	714.7	591.9	195.4	117.3	67.0	27.9	22.3	16.8	11.2	5.6
85°	368.5	379.7	312.7	61.4	67.0	39.1	5.6	5.6	0.0	0.0	0.0
87.5°	27.9	27.9	22.3	11.2	16.8	5.6	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°	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4
2.5°	6929.2	7007.3	6873.3	6957.1	6918.0	6934.7	6951.5	6906.8	6918.0	7074.3	7079.9
5°	5550.0	5700.8	5644.9	5723.1	5857.1	5790.1	5851.5	5840.4	5851.5	5873.9	5974.4
7.5°	3958.7	3914.1	4020.1	4226.7	4466.8	4612.0	4539.4	4500.3	4478.0	4422.2	4489.2
10°	2987.2	2964.9	2936.9	2998.4	3154.7	3316.6	3406.0	3255.2	3171.4	3065.4	3026.3
12.5°	2479.1	2339.5	2261.3	2166.4	2211.1	2356.2	2361.8	2216.7	2082.7	2026.8	2088.2
15°	1954.2	1859.3	1719.7	1585.7	1518.7	1630.4	1535.5	1395.9	1222.8	1200.5	1194.9
17.5°	1395.9	1340.0	1239.5	1183.7	1105.5	1077.6	977.1	764.9	642.1	608.6	619.8
20°	949.2	904.5	898.9	848.7	815.2	792.9	630.9	491.4	452.3	457.8	463.4
22.5°	703.5	681.2	653.3	647.7	619.8	591.9	463.4	413.2	385.3	385.3	402.0
25°	575.1	563.9	536.0	524.9	513.7	474.6	390.8	351.8	340.6	329.4	346.2
27.5°	491.4	485.8	469.0	452.3	441.1	402.0	340.6	307.1	295.9	295.9	295.9
30°	441.1	441.1	418.8	385.3	385.3	340.6	290.3	268.0	256.8	256.8	251.3
32.5°	413.2	402.0	374.1	351.8	335.0	290.3	256.8	234.5	217.8	217.8	223.3
35°	335.0	335.0	329.4	312.7	290.3	245.7	217.8	195.4	184.3	178.7	184.3
37.5°	295.9	279.2	256.8	262.4	251.3	212.2	184.3	167.5	150.8	150.8	150.8
40°	268.0	251.3	228.9	212.2	206.6	189.8	161.9	134.0	117.3	111.7	111.7
42.5°	240.1	228.9	195.4	167.5	161.9	161.9	122.8	100.5	83.8	83.8	83.8
45°	223.3	206.6	178.7	145.2	117.3	122.8	100.5	72.6	61.4	55.8	55.8
47.5°	212.2	195.4	156.3	122.8	89.3	89.3	72.6	50.3	39.1	33.5	33.5
50°	195.4	178.7	139.6	100.5	67.0	55.8	44.7	27.9	16.8	11.2	11.2
52.5°	184.3	167.5	122.8	83.8	55.8	39.1	27.9	5.6	0.0	0.0	0.0
55°	167.5	145.2	106.1	67.0	44.7	22.3	5.6	0.0	0.0	0.0	0.0
57.5°	145.2	128.4	83.8	50.3	27.9	5.6	0.0	0.0	0.0	0.0	0.0
60°	122.8	106.1	67.0	39.1	11.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	100.5	89.3	50.3	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	83.8	67.0	39.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	72.6	55.8	27.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	55.8	39.1	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	39.1	27.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	27.9	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.6	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°	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4
2.5°	7102.2	7269.8	7426.1	7470.8	7593.6	7934.2	7934.2	8096.1	8386.5	8492.5	8514.9
5°	5991.1	6169.8	6203.3	6549.5	6711.4	7057.6	7286.5	7833.7	8163.1	8369.7	8498.1
7.5°	4556.2	4617.6	4746.0	5069.8	5388.1	5806.9	6242.4	6940.3	7521.0	7755.5	8191.0
10°	3132.4	3316.6	3595.8	3886.1	4383.1	4846.5	5410.4	6069.3	6784.0	7074.3	7448.4
12.5°	2110.6	2367.4	2814.1	3227.3	3685.1	4154.1	4690.2	5572.4	6382.0	6784.0	7158.1
15°	1234.0	1546.6	1931.9	2601.9	3210.5	3735.4	4271.4	5164.8	6147.5	6666.7	7124.6
17.5°	625.4	720.3	1038.5	1619.2	2423.3	3283.1	4081.6	5220.6	6326.1	6962.7	7342.3
20°	469.0	496.9	586.3	859.9	1658.3	2713.6	3902.9	5304.3	6823.1	7599.2	7805.8
22.5°	407.6	429.9	469.0	558.4	932.4	2077.1	3651.6	5510.9	7498.7	8230.1	8665.6
25°	346.2	368.5	402.0	457.8	597.4	1412.6	3344.5	5728.7	8101.7	9023.0	9430.6
27.5°	301.5	318.3	351.8	396.4	485.8	898.9	2814.1	6019.0	9023.0	9983.3	10089.4
30°	256.8	273.6	301.5	351.8	413.2	636.5	2065.9	6058.1	9531.1	10402.1	10698.0
32.5°	223.3	228.9	262.4	307.1	346.2	502.5	1451.7	6097.2	9905.2	10943.7	11005.1
35°	184.3	195.4	228.9	256.8	301.5	396.4	1100.0	5901.8	10390.9	11502.1	11485.3
37.5°	150.8	167.5	189.8	212.2	245.7	335.0	876.6	5538.9	10999.5	12367.5	11842.7
40°	117.3	134.0	156.3	184.3	206.6	301.5	658.9	4991.7	11636.1	12791.9	12233.5
42.5°	83.8	94.9	117.3	145.2	184.3	251.3	474.6	4344.0	11887.3	13288.8	12702.5
45°	61.4	72.6	89.3	122.8	189.8	201.0	329.4	3752.1	12155.3	13506.5	12596.4
47.5°	33.5	44.7	67.0	106.1	167.5	150.8	234.5	3221.7	12462.4	13702.0	12680.2
50°	11.2	16.8	39.1	111.7	134.0	117.3	184.3	2936.9	12763.9	13741.1	12847.7
52.5°	0.0	0.0	22.3	117.3	100.5	89.3	161.9	2825.3	12685.8	13863.9	12741.6
55°	0.0	0.0	5.6	50.3	55.8	67.0	134.0	2819.7	13238.5	13903.0	13322.3
57.5°	0.0	0.0	0.0	16.8	33.5	55.8	117.3	2641.0	13590.3	14874.5	14104.0
60°	0.0	0.0	0.0	5.6	22.3	39.1	89.3	2484.7	13947.6	15310.0	14941.5
62.5°	0.0	0.0	0.0	0.0	5.6	16.8	61.4	2244.6	13227.4	15276.5	15751.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	39.1	1775.6	11898.5	14478.1	15304.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.3	1228.4	10418.9	13473.0	14483.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	742.6	8408.8	11814.7	12283.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	318.3	6002.3	9380.3	10078.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.4	3713.0	6856.6	7716.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.3	2406.5	5192.7	5857.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	1284.2	3255.2	3785.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	558.4	1976.6	2278.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.7	1200.5	1368.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.3	245.7
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: P599242  
 CATALOG NUMBER: IFLD-M-SA4C-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4	7917.4
2.5°	8526.0	8688.0	8749.4	8654.5	8665.6	8470.2	8442.3	8168.7	8057.0	8079.4
5°	8916.9	9151.4	9279.8	9173.7	8933.6	8559.5	8218.9	7895.1	7694.1	7593.6
7.5°	8827.6	9090.0	9251.9	9352.4	9078.8	8475.8	7956.5	7347.9	7091.1	7096.7
10°	8336.2	8883.4	9212.8	9084.4	8956.0	8353.0	7548.9	6890.1	6661.1	6683.5
12.5°	7939.8	8548.4	8743.8	8844.3	8581.9	8101.7	7560.1	6806.3	6549.5	6393.1
15°	7694.1	8146.4	8157.5	8313.9	8207.8	8207.8	7677.3	6940.3	6717.0	6543.9
17.5°	7694.1	7794.6	7783.4	7839.3	8017.9	8230.1	7973.3	7481.9	7040.8	7012.9
20°	7867.2	7554.5	7481.9	7504.3	7655.0	8286.0	8626.5	8012.4	7733.2	7643.8
22.5°	8269.2	7582.4	7141.3	7063.2	7526.6	8280.4	9045.3	8849.9	8364.1	8291.5
25°	8822.0	7532.2	7052.0	6951.5	7303.3	8481.4	9620.4	9659.5	9218.4	9067.6
27.5°	9346.8	7755.5	7040.8	7018.5	7481.9	8436.7	10016.8	10307.2	9810.3	9687.4
30°	9525.5	7978.9	7247.4	6951.5	7548.9	8598.6	10005.7	10765.0	10441.2	10469.1
32.5°	9737.7	8202.2	7269.8	7152.5	7833.7	8861.1	10323.9	11502.1	11267.6	10938.1
35°	10050.3	8503.7	7481.9	7375.8	8034.7	9095.6	10390.9	12043.7	12004.6	11619.3
37.5°	10318.4	8799.6	7923.0	7939.8	8648.9	9475.2	10686.9	12708.1	12641.1	12378.7
40°	10508.2	9212.8	8609.8	8654.5	9184.9	9899.6	11211.7	13043.1	13540.0	13154.8
42.5°	10536.1	9581.3	9397.1	9754.4	10251.4	10558.4	11423.9	13272.0	13986.7	13735.5
45°	10642.2	10167.6	10681.3	10943.7	11351.3	11139.1	11412.7	13662.9	14020.2	13891.8
47.5°	11055.4	11234.1	11881.7	12680.2	12825.4	12127.4	11680.7	13724.3	14210.1	14193.3
50°	11485.3	12378.7	13288.8	13819.2	14003.5	12808.6	11932.0	13674.1	14461.3	14327.3
52.5°	11965.5	13372.5	14684.7	15337.9	15237.4	13562.4	12216.8	14081.7	14924.8	14880.1
55°	12267.0	13819.2	15583.6	16493.7	16415.6	14405.5	13121.3	14667.9	15533.4	15421.7
57.5°	13065.5	14545.1	16477.0	16901.3	17107.9	15511.0	13752.2	15628.3	16041.5	16164.3
60°	13724.3	15019.7	16711.5	17325.7	17398.3	16169.9	14857.8	16616.6	16689.2	16276.0
62.5°	14690.3	15203.9	16214.6	16767.3	17141.4	16544.0	15851.6	17147.0	16678.0	16650.1
65°	15399.4	14600.9	15287.7	15594.8	15834.9	15974.5	16851.1	17509.9	16471.4	15929.8
67.5°	15002.9	13461.9	13333.5	13350.2	13422.8	14265.9	16516.1	16622.2	15321.2	14874.5
70°	13205.0	11044.2	10871.1	11005.1	10642.2	11658.4	15159.3	15109.0	13517.7	13054.3
72.5°	10681.3	8051.4	7755.5	7939.8	8023.5	9101.1	12752.8	11457.4	9860.5	9497.6
75°	8487.0	5901.8	4980.5	5427.2	5711.9	6627.6	9961.0	7783.4	6884.5	6393.1
77.5°	6666.7	4466.8	3875.0	3696.3	3958.7	4818.6	7247.4	4087.1	3607.0	3378.0
80°	4226.7	3283.1	3562.3	3305.4	3417.1	3439.5	3774.5	1859.3	1479.6	1462.9
82.5°	2546.1	2244.6	2668.9	1468.5	2674.5	2389.7	1569.0	843.1	748.2	748.2
85°	1803.5	1390.3	921.3	597.4	1189.3	1312.1	608.6	435.5	379.7	368.5
87.5°	904.5	429.9	206.6	134.0	150.8	245.7	72.6	33.5	33.5	27.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)