

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: P598660

Luminaire Tested: **IFLD-M-SA4A-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598660  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

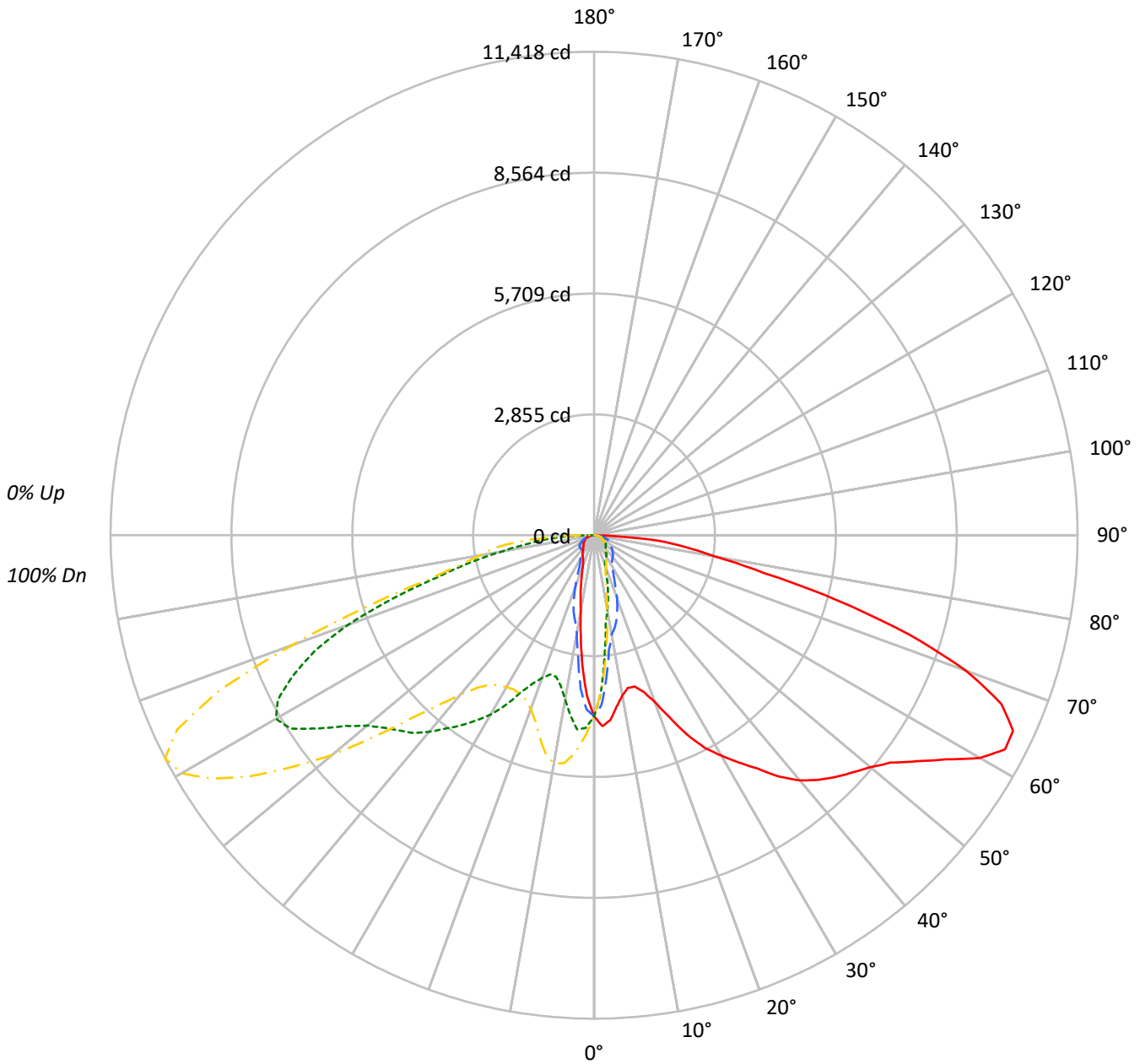
Lumens per Lamp: N/A  
 Luminaire Lumens: 14303.7 lumens  
 Efficiency: N/A  
 Efficacy: 111.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

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	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	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

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

	0°	90°	180°	270°
0°	45992	45992	45992	45992
5°	47331	30778	33623	49724
10°	41992	19557	19753	42973
15°	41212	13870	13137	38545
20°	47915	8774	8843	41061
25°	61621	7533	7321	48543
30°	74677	7141	6694	60767
35°	88386	6290	6055	72030
40°	106201	5970	5550	85096
45°	122888	5922	5375	99203
50°	142700	6013	5412	117146
55°	174630	6176	5502	149250
60°	226479	6183	5797	186672
65°	278008	6250	5945	199819
70°	294177	6590	6216	194548
75°	247631	6970	6222	158785
80°	179911	8164	6304	137251
85°	190675	11819	5175	142645

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	330.7	2.3
10°-20°	692.1	4.8
20°-30°	997.3	7.0
30°-40°	1435.8	10.0
40°-50°	2039.4	14.3
50°-60°	2932.1	20.5
60°-70°	3387.5	23.7
70°-80°	1918.1	13.4
80°-90°	570.8	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°	2020.1	14.1
0°-40°	3455.8	24.2
0°-60°	8427.3	58.9
0°-90°	14303.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14303.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4273	4273	4273	4273	4273	
5°	4380	2848	3112	4602	4380	397
15°	3698	1245	1179	3459	3698	1087
25°	5188	634	616	4087	5188	2408
35°	6726	479	461	5482	6726	4269
45°	8073	389	353	6517	8073	6251
55°	9306	329	293	7953	9306	8428
65°	10915	245	233	7845	10915	10467
75°	5954	168	150	3818	5954	6318
85°	1544	96	42	1155	1544	1538
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°	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8
2.5°	4512.1	4506.1	4470.2	4356.5	4236.9	4123.2	4015.4	3901.7	3841.9	3770.1	3740.2
5°	4380.5	4368.5	4266.8	4015.4	3794.0	3554.7	3351.2	3189.6	3058.0	2926.3	2878.4
7.5°	4081.3	4063.3	3943.6	3596.5	3273.4	2962.2	2716.9	2507.4	2333.9	2256.1	2166.3
10°	3841.9	3812.0	3656.4	3273.4	2854.5	2543.3	2381.7	2238.1	2088.5	1962.8	1831.2
12.5°	3692.3	3656.4	3494.8	3046.0	2639.1	2405.7	2238.1	2076.5	1891.0	1735.4	1591.8
15°	3698.3	3656.4	3458.9	2986.1	2585.2	2286.0	2052.6	1831.2	1615.8	1442.2	1280.6
17.5°	3871.8	3818.0	3608.5	3069.9	2543.3	2130.4	1819.2	1532.0	1286.6	1101.1	969.5
20°	4183.0	4147.1	3907.7	3195.6	2501.4	1962.8	1579.8	1232.8	975.4	831.8	778.0
22.5°	4649.8	4607.9	4350.6	3387.1	2489.5	1813.2	1322.5	969.5	783.9	724.1	694.2
25°	5188.4	5110.6	4871.2	3710.2	2513.4	1675.6	1113.1	801.9	700.2	658.3	640.3
27.5°	5655.1	5607.3	5338.0	4015.4	2525.4	1567.9	969.5	730.1	652.3	616.4	604.4
30°	6008.2	5990.2	5726.9	4350.6	2495.4	1436.2	879.7	700.2	652.3	616.4	580.5
32.5°	6361.3	6367.3	6086.0	4607.9	2453.5	1322.5	795.9	622.4	574.5	550.6	556.5
35°	6726.3	6756.2	6516.9	4859.2	2363.8	1280.6	736.1	580.5	538.6	502.7	484.7
37.5°	7187.1	7264.9	7031.5	5140.5	2274.0	1244.7	706.1	550.6	508.7	478.7	454.8
40°	7558.1	7701.7	7564.1	5403.8	2214.2	1202.8	682.2	520.6	490.7	454.8	436.9
42.5°	7833.4	8001.0	7953.1	5607.3	2214.2	1160.9	658.3	502.7	478.7	436.9	412.9
45°	8072.8	8246.3	8240.3	5816.7	2262.1	1137.0	628.3	502.7	466.8	424.9	400.9
47.5°	8288.2	8461.7	8521.6	6080.0	2339.8	1125.0	592.4	490.7	466.8	418.9	383.0
50°	8521.6	8713.1	8892.6	6498.9	2435.6	1095.1	568.5	472.8	472.8	412.9	371.0
52.5°	8820.8	9036.2	9365.4	7019.5	2531.3	1041.3	532.6	460.8	472.8	406.9	359.1
55°	9305.5	9485.1	9915.9	7641.9	2651.0	975.4	502.7	430.9	448.8	389.0	341.1
57.5°	9850.1	10005.7	10364.7	8120.6	2686.9	891.7	460.8	400.9	430.9	371.0	317.2
60°	10520.3	10598.1	10598.1	8258.3	2567.2	813.9	430.9	377.0	389.0	353.1	299.2
62.5°	10945.2	10945.2	10598.1	8006.9	2339.8	748.0	406.9	353.1	341.1	329.1	281.3
65°	10915.3	10867.4	10352.8	7276.9	2076.5	706.1	383.0	323.2	305.2	299.2	263.3
67.5°	10412.6	10328.8	9628.7	6247.6	1801.3	688.2	359.1	293.2	281.3	269.3	239.4
70°	9347.4	9132.0	8270.3	5026.8	1532.0	676.2	353.1	269.3	257.3	245.4	221.4
72.5°	7803.5	7528.2	6457.0	3865.8	1286.6	634.3	335.1	239.4	233.4	221.4	197.5
75°	5954.3	5445.7	4506.1	2956.2	999.4	550.6	287.2	209.4	209.4	203.5	179.5
77.5°	4105.2	3841.9	3141.7	2184.3	730.1	424.9	233.4	185.5	185.5	191.5	167.6
80°	2902.4	2657.0	2238.1	1567.9	460.8	287.2	179.5	155.6	173.5	185.5	155.6
82.5°	2220.2	2040.6	1663.6	1143.0	269.3	197.5	137.6	125.7	149.6	161.6	131.7
85°	1543.9	1328.5	843.8	766.0	155.6	119.7	101.7	101.7	131.7	161.6	119.7
87.5°	436.9	185.5	53.9	227.4	65.8	47.9	35.9	23.9	35.9	35.9	23.9
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°	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8
2.5°	3710.2	3674.3	3674.3	3662.4	3668.4	3674.3	3668.4	3710.2	3728.2	3752.1	3800.0
5°	2848.5	2896.4	2860.5	2896.4	2944.3	3016.1	3034.0	3087.9	3093.9	3135.8	3111.8
7.5°	2112.4	2106.5	2076.5	2118.4	2250.1	2351.8	2399.7	2429.6	2435.6	2435.6	2405.7
10°	1789.3	1735.4	1681.6	1651.7	1663.6	1771.3	1807.2	1825.2	1813.2	1831.2	1807.2
12.5°	1532.0	1484.1	1406.3	1352.4	1316.5	1346.5	1382.4	1400.3	1412.3	1442.2	1466.1
15°	1244.7	1196.9	1149.0	1119.1	1089.1	1065.2	1095.1	1113.1	1143.0	1166.9	1178.9
17.5°	945.5	921.6	897.6	915.6	915.6	903.6	915.6	921.6	933.5	951.5	945.5
20°	766.0	760.0	754.0	783.9	807.9	807.9	819.8	801.9	795.9	778.0	772.0
22.5°	682.2	682.2	688.2	712.1	736.1	748.0	748.0	718.1	688.2	676.2	682.2
25°	634.3	634.3	652.3	658.3	670.2	670.2	676.2	646.3	628.3	610.4	616.4
27.5°	598.4	598.4	604.4	604.4	610.4	610.4	616.4	604.4	580.5	574.5	574.5
30°	574.5	574.5	568.5	568.5	568.5	568.5	574.5	556.5	544.6	538.6	538.6
32.5°	550.6	544.6	538.6	538.6	532.6	532.6	538.6	520.6	514.6	514.6	514.6
35°	478.7	472.8	478.7	490.7	490.7	496.7	496.7	490.7	478.7	466.8	460.8
37.5°	448.8	442.8	442.8	442.8	454.8	460.8	466.8	454.8	436.9	418.9	418.9
40°	424.9	424.9	418.9	418.9	418.9	430.9	442.8	424.9	400.9	395.0	395.0
42.5°	406.9	400.9	395.0	389.0	383.0	400.9	412.9	389.0	377.0	377.0	377.0
45°	389.0	383.0	377.0	371.0	365.0	371.0	383.0	359.1	353.1	353.1	353.1
47.5°	371.0	365.0	353.1	347.1	341.1	341.1	353.1	335.1	329.1	335.1	335.1
50°	359.1	347.1	335.1	329.1	323.2	323.2	323.2	317.2	317.2	317.2	323.2
52.5°	347.1	335.1	317.2	311.2	305.2	305.2	305.2	305.2	299.2	305.2	311.2
55°	329.1	317.2	305.2	299.2	293.2	287.2	293.2	287.2	287.2	293.2	293.2
57.5°	305.2	293.2	281.3	281.3	275.3	275.3	281.3	275.3	275.3	281.3	281.3
60°	287.2	275.3	263.3	263.3	257.3	263.3	269.3	263.3	263.3	263.3	269.3
62.5°	263.3	257.3	245.4	245.4	245.4	245.4	251.3	245.4	251.3	251.3	251.3
65°	245.4	233.4	227.4	227.4	227.4	227.4	239.4	227.4	233.4	233.4	233.4
67.5°	227.4	215.4	209.4	209.4	209.4	209.4	221.4	209.4	215.4	221.4	215.4
70°	209.4	197.5	191.5	191.5	191.5	191.5	197.5	191.5	191.5	197.5	197.5
72.5°	185.5	179.5	173.5	173.5	167.6	173.5	179.5	173.5	173.5	173.5	173.5
75°	167.6	161.6	161.6	155.6	155.6	155.6	161.6	149.6	149.6	149.6	149.6
77.5°	155.6	143.6	143.6	143.6	137.6	143.6	137.6	125.7	125.7	125.7	125.7
80°	131.7	119.7	125.7	125.7	119.7	119.7	113.7	101.7	101.7	101.7	101.7
82.5°	107.7	95.7	101.7	101.7	101.7	101.7	89.8	83.8	77.8	71.8	71.8
85°	95.7	77.8	89.8	89.8	83.8	83.8	59.8	59.8	47.9	47.9	41.9
87.5°	18.0	12.0	23.9	29.9	29.9	35.9	23.9	29.9	18.0	12.0	12.0
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°	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8
2.5°	3794.0	3859.8	3949.6	4015.4	4117.2	4195.0	4314.7	4416.4	4512.1	4554.0	4595.9
5°	3183.6	3225.5	3363.2	3470.9	3632.4	3806.0	4021.4	4254.8	4494.2	4601.9	4727.6
7.5°	2381.7	2459.5	2537.3	2692.9	2890.4	3171.7	3446.9	3794.0	4129.1	4290.7	4506.1
10°	1849.1	1909.0	1998.7	2160.3	2345.8	2579.2	2908.4	3321.3	3722.2	3931.7	4153.1
12.5°	1484.1	1567.9	1687.6	1855.1	2070.6	2309.9	2549.3	2932.3	3399.1	3638.4	3889.8
15°	1202.8	1268.7	1400.3	1609.8	1861.1	2106.5	2357.8	2675.0	3183.6	3458.9	3758.1
17.5°	957.5	1005.4	1125.0	1334.5	1585.8	1861.1	2148.4	2549.3	3111.8	3446.9	3800.0
20°	778.0	813.9	891.7	1047.2	1286.6	1585.8	1944.9	2429.6	3153.7	3584.6	4015.4
22.5°	682.2	694.2	730.1	813.9	1011.3	1328.5	1759.4	2327.9	3231.5	3788.0	4368.5
25°	616.4	628.3	640.3	694.2	807.9	1107.1	1597.8	2268.0	3399.1	4087.3	4775.4
27.5°	574.5	586.5	592.4	616.4	694.2	945.5	1460.2	2232.1	3626.5	4524.1	5278.1
30°	538.6	538.6	556.5	592.4	646.3	831.8	1340.5	2148.4	3865.8	4889.1	5673.1
32.5°	508.7	514.6	538.6	556.5	592.4	736.1	1220.8	2040.6	4081.3	5188.4	6062.1
35°	454.8	454.8	460.8	490.7	538.6	658.3	1113.1	1932.9	4201.0	5481.6	6409.1
37.5°	418.9	424.9	436.9	460.8	502.7	604.4	1023.3	1813.2	4326.6	5756.9	6816.1
40°	395.0	400.9	412.9	436.9	478.7	556.5	945.5	1717.5	4458.3	6056.1	7252.9
42.5°	377.0	383.0	395.0	418.9	454.8	544.6	861.7	1639.7	4536.1	6331.3	7665.8
45°	359.1	365.0	383.0	406.9	436.9	532.6	813.9	1585.8	4566.0	6516.9	7995.0
47.5°	341.1	347.1	365.0	400.9	436.9	514.6	795.9	1555.9	4589.9	6726.3	8258.3
50°	323.2	335.1	359.1	395.0	442.8	490.7	783.9	1549.9	4727.6	6995.6	8509.6
52.5°	311.2	329.1	353.1	395.0	436.9	454.8	778.0	1567.9	5002.8	7396.5	8868.7
55°	299.2	317.2	341.1	395.0	418.9	424.9	748.0	1597.8	5421.7	7953.1	9377.3
57.5°	287.2	299.2	329.1	383.0	395.0	400.9	688.2	1639.7	5840.6	8497.7	9898.0
60°	269.3	281.3	311.2	383.0	359.1	377.0	610.4	1651.7	6139.9	8671.2	9945.8
62.5°	251.3	263.3	293.2	395.0	329.1	353.1	544.6	1609.8	6199.7	8419.9	9676.6
65°	233.4	245.4	269.3	329.1	305.2	329.1	502.7	1496.1	6002.2	7845.4	9185.8
67.5°	215.4	227.4	245.4	269.3	275.3	299.2	484.7	1316.5	5505.5	7133.2	8515.6
70°	191.5	203.5	221.4	239.4	245.4	281.3	454.8	1143.0	4703.6	6181.7	7695.8
72.5°	173.5	179.5	197.5	209.4	221.4	257.3	436.9	999.4	3596.5	5002.8	6277.5
75°	149.6	149.6	167.6	179.5	191.5	227.4	400.9	831.8	2537.3	3818.0	4613.9
77.5°	125.7	125.7	137.6	149.6	161.6	197.5	341.1	676.2	1759.4	3028.0	3345.2
80°	95.7	95.7	107.7	119.7	131.7	167.6	275.3	496.7	1089.1	2214.2	2435.6
82.5°	65.8	65.8	83.8	89.8	95.7	131.7	209.4	341.1	640.3	1597.8	1741.4
85°	35.9	35.9	47.9	53.9	65.8	95.7	155.6	239.4	383.0	1155.0	1160.9
87.5°	6.0	6.0	18.0	18.0	29.9	47.9	89.8	131.7	215.4	640.3	406.9
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: P598660  
 CATALOG NUMBER: IFLD-M-SA4A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8	4272.8
2.5°	4673.7	4739.5	4745.5	4745.5	4715.6	4721.6	4637.8	4548.0	4518.1	4512.1
5°	4919.1	5092.6	5140.5	5164.4	5086.6	4966.9	4751.5	4518.1	4398.4	4380.5
7.5°	4871.2	5218.3	5403.8	5427.7	5272.1	4990.9	4613.9	4254.8	4117.2	4081.3
10°	4589.9	5056.7	5391.8	5475.6	5308.0	4949.0	4458.3	4039.4	3871.8	3841.9
12.5°	4392.4	4841.3	5170.4	5284.1	5206.3	4895.1	4380.5	3901.7	3734.2	3692.3
15°	4284.7	4697.6	4913.1	4949.0	4943.0	4811.3	4380.5	3931.7	3746.1	3698.3
17.5°	4374.5	4655.8	4685.7	4601.9	4649.8	4715.6	4476.2	4093.2	3913.7	3871.8
20°	4554.0	4637.8	4494.2	4368.5	4392.4	4601.9	4625.8	4398.4	4254.8	4183.0
22.5°	4931.0	4703.6	4374.5	4201.0	4218.9	4512.1	4823.3	4811.3	4685.7	4649.8
25°	5314.0	4889.1	4338.6	4135.1	4159.1	4494.2	5056.7	5272.1	5206.3	5188.4
27.5°	5738.9	5200.3	4362.5	4105.2	4135.1	4518.1	5218.3	5661.1	5673.1	5655.1
30°	6026.2	5349.9	4434.3	4141.1	4183.0	4578.0	5254.2	5894.5	6002.2	6008.2
32.5°	6265.5	5499.5	4583.9	4201.0	4272.8	4685.7	5349.9	6115.9	6355.3	6361.3
35°	6457.0	5667.1	4769.5	4308.7	4416.4	4865.2	5475.6	6325.4	6684.4	6726.3
37.5°	6702.4	5852.6	4984.9	4542.1	4661.7	5122.5	5697.0	6570.7	7073.4	7187.1
40°	6965.7	6038.1	5296.1	4919.1	5092.6	5505.5	5948.4	6846.0	7402.5	7558.1
42.5°	7258.9	6235.6	5649.1	5427.7	5691.0	5990.2	6235.6	7097.3	7653.9	7833.4
45°	7546.2	6475.0	6163.8	6121.9	6415.1	6564.7	6516.9	7276.9	7893.2	8072.8
47.5°	7749.6	6822.1	6786.2	7037.5	7312.8	7235.0	6846.0	7408.5	8090.7	8288.2
50°	7935.1	7252.9	7570.1	8060.8	8228.4	7965.1	7199.1	7588.0	8300.2	8521.6
52.5°	8210.4	7713.7	8378.0	8988.4	9149.9	8731.0	7582.1	7881.3	8623.3	8820.8
55°	8772.9	8234.3	9221.7	9921.9	9951.8	9431.2	8096.7	8378.0	9078.1	9305.5
57.5°	9401.3	8874.7	9892.0	10693.9	10681.9	10131.4	8677.2	9048.2	9694.5	9850.1
60°	9969.8	9521.0	10622.1	11244.4	11214.5	10640.0	9353.4	9808.2	10400.6	10520.3
62.5°	10304.9	10107.4	10945.2	11418.0	11304.3	10807.6	9927.9	10484.4	10903.3	10945.2
65°	10251.0	10442.5	10568.2	10861.4	10699.9	10340.8	10209.2	10915.3	10957.2	10915.3
67.5°	9844.1	10251.0	9532.9	9562.9	9479.1	9173.9	9772.3	10801.6	10514.3	10412.6
70°	9227.7	9257.7	7971.0	7594.0	7725.7	7306.8	8384.0	9915.9	9473.1	9347.4
72.5°	8204.4	7833.4	6026.2	5643.2	5840.6	5541.4	6726.3	8641.3	8210.4	7803.5
75°	6881.9	6205.7	4589.9	4045.4	4147.1	4135.1	5212.3	7139.2	6361.3	5954.3
77.5°	5332.0	4835.3	3387.1	3177.6	3069.9	3093.9	3638.4	5308.0	4613.9	4105.2
80°	3895.8	3381.1	2621.1	2740.8	2680.9	2537.3	2549.3	3554.7	3207.6	2902.4
82.5°	2692.9	2405.7	2124.4	2399.7	2256.1	2034.6	1986.8	2561.3	2405.7	2220.2
85°	1807.2	1980.8	1687.6	1837.2	1591.8	1466.1	1867.1	2142.4	1729.5	1543.9
87.5°	1178.9	1813.2	1214.8	921.6	526.6	706.1	1143.0	1406.3	807.9	436.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)