

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: P598608

Luminaire Tested: **IFLD-L-SA7B-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598608  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7B-722-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (112) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

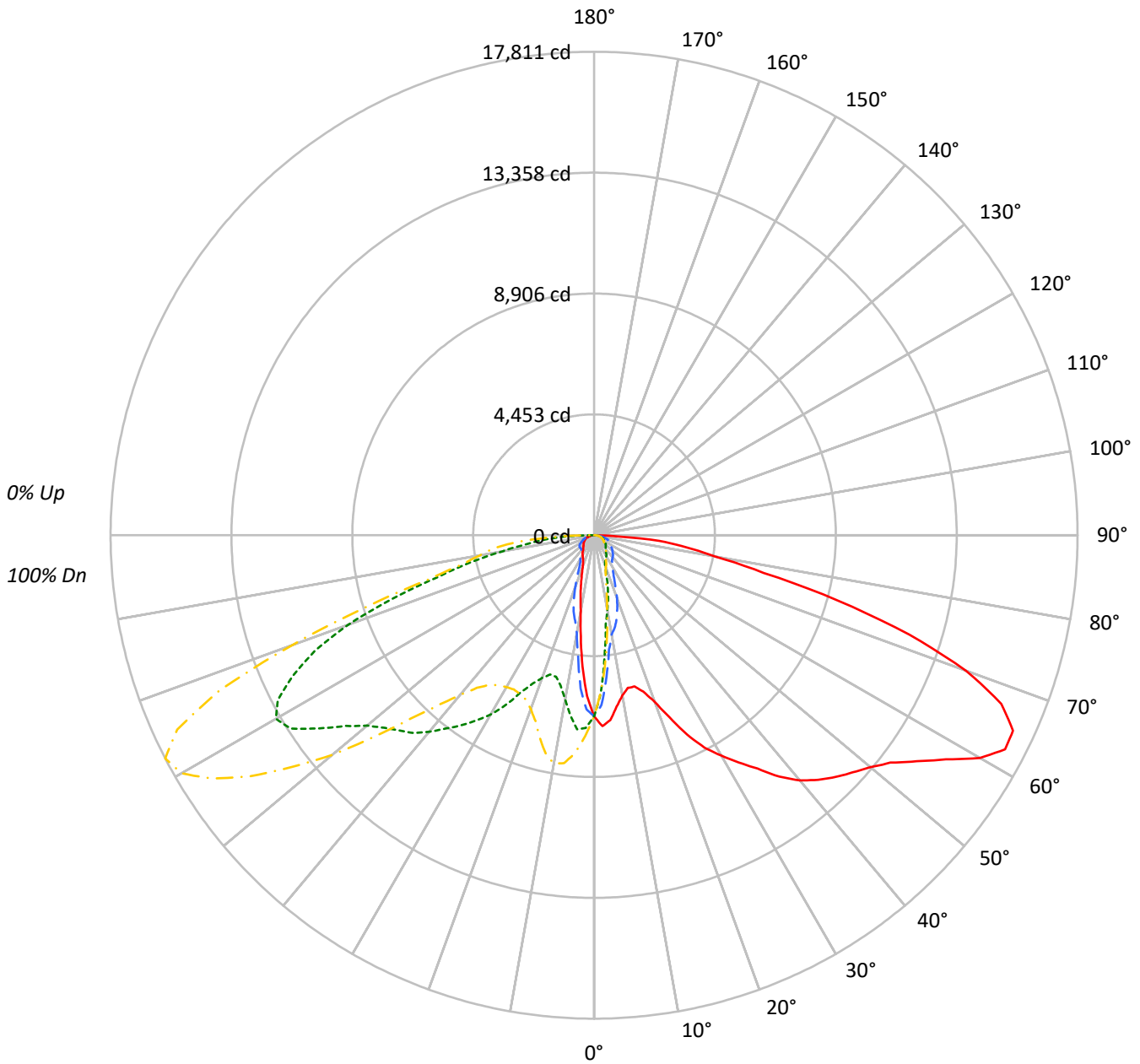
Lumens per Lamp: N/A  
 Luminaire Lumens: 22312.2 lumens  
 Efficiency: N/A  
 Efficacy: 79.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 281  
 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°	35871	35871	35871	35871
5°	36916	24006	26224	38782
10°	32752	15253	15406	33517
15°	32143	10818	10247	30063
20°	37372	6844	6897	32025
25°	48061	5876	5710	37861
30°	58244	5569	5221	47396
35°	68937	4907	4723	56179
40°	82832	4657	4329	66371
45°	95846	4618	4192	77373
50°	111298	4690	4221	91368
55°	136203	4817	4292	116407
60°	176643	4823	4522	145595
65°	216833	4874	4637	155848
70°	229444	5141	4847	151739
75°	193141	5436	4853	123842
80°	140320	6366	4919	107048
85°	148721	9226	4032	111251

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	515.8	2.3
10°-20°	1079.5	4.8
20°-30°	1555.7	7.0
30°-40°	2239.6	10.0
40°-50°	3181.2	14.3
50°-60°	4573.7	20.5
60°-70°	5284.1	23.7
70°-80°	2992.0	13.4
80°-90°	890.4	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°	3151.1	14.1
0°-40°	5390.7	24.2
0°-60°	13145.7	58.9
0°-90°	22312.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22312.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6665	6665	6665	6665	6665	
5°	6833	4443	4854	7178	6833	620
15°	5769	1942	1839	5396	5769	1696
25°	8093	990	962	6376	8093	3757
35°	10492	747	719	8551	10492	6659
45°	12593	607	551	10166	12593	9751
55°	14516	513	457	12406	14516	13146
65°	17027	383	364	12238	17027	16327
75°	9288	261	233	5956	9288	9855
85°	2408	149	65	1802	2408	2398
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°	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1
2.5°	7038.5	7029.1	6973.1	6795.8	6609.1	6431.7	6263.7	6086.3	5993.0	5881.0	5834.3
5°	6833.1	6814.4	6655.7	6263.7	5918.3	5544.9	5227.5	4975.5	4770.1	4564.7	4490.1
7.5°	6366.4	6338.4	6151.7	5610.2	5106.2	4620.7	4238.0	3911.3	3640.6	3519.2	3379.2
10°	5993.0	5946.3	5703.6	5106.2	4452.7	3967.3	3715.3	3491.2	3257.9	3061.8	2856.5
12.5°	5759.6	5703.6	5451.5	4751.4	4116.7	3752.6	3491.2	3239.2	2949.8	2707.1	2483.1
15°	5768.9	5703.6	5395.5	4658.1	4032.7	3565.9	3201.9	2856.5	2520.4	2249.7	1997.7
17.5°	6039.6	5955.6	5628.9	4788.8	3967.3	3323.2	2837.8	2389.7	2007.0	1717.6	1512.2
20°	6525.1	6469.0	6095.7	4984.8	3902.0	3061.8	2464.4	1923.0	1521.6	1297.5	1213.5
22.5°	7253.2	7187.8	6786.4	5283.5	3883.3	2828.5	2063.0	1512.2	1222.9	1129.5	1082.8
25°	8093.3	7972.0	7598.6	5787.6	3920.6	2613.8	1736.3	1250.9	1092.2	1026.8	998.8
27.5°	8821.4	8746.7	8326.7	6263.7	3939.3	2445.7	1512.2	1138.9	1017.5	961.5	942.8
30°	9372.2	9344.2	8933.4	6786.4	3892.6	2240.4	1372.2	1092.2	1017.5	961.5	905.5
32.5°	9922.9	9932.3	9493.5	7187.8	3827.3	2063.0	1241.5	970.8	896.1	858.8	868.1
35°	10492.4	10539.0	10165.6	7579.9	3687.3	1997.7	1148.2	905.5	840.1	784.1	756.1
37.5°	11211.1	11332.5	10968.4	8018.6	3547.2	1941.6	1101.5	858.8	793.5	746.8	709.4
40°	11789.9	12013.9	11799.2	8429.4	3453.9	1876.3	1064.2	812.1	765.5	709.4	681.4
42.5°	12219.3	12480.7	12406.0	8746.7	3453.9	1811.0	1026.8	784.1	746.8	681.4	644.1
45°	12592.7	12863.4	12854.1	9073.5	3528.6	1773.6	980.2	784.1	728.1	662.8	625.4
47.5°	12928.8	13199.5	13292.8	9484.2	3649.9	1755.0	924.1	765.5	728.1	653.4	597.4
50°	13292.8	13591.5	13871.6	10137.6	3799.3	1708.3	886.8	737.5	737.5	644.1	578.8
52.5°	13759.6	14095.6	14609.0	10949.8	3948.6	1624.3	830.8	718.8	737.5	634.8	560.1
55°	14515.7	14795.7	15467.8	11920.6	4135.3	1521.6	784.1	672.1	700.1	606.8	532.1
57.5°	15365.2	15607.9	16168.0	12667.4	4191.3	1390.9	718.8	625.4	672.1	578.8	494.7
60°	16410.7	16532.0	16532.0	12882.1	4004.6	1269.5	672.1	588.1	606.8	550.8	466.7
62.5°	17073.4	17073.4	16532.0	12490.0	3649.9	1166.9	634.8	550.8	532.1	513.4	438.7
65°	17026.8	16952.1	16149.3	11351.2	3239.2	1101.5	597.4	504.1	476.1	466.7	410.7
67.5°	16242.6	16111.9	15019.8	9745.6	2809.8	1073.5	560.1	457.4	438.7	420.1	373.4
70°	14581.0	14245.0	12900.8	7841.3	2389.7	1054.8	550.8	420.1	401.4	382.7	345.4
72.5°	12172.6	11743.2	10072.3	6030.3	2007.0	989.5	522.8	373.4	364.1	345.4	308.0
75°	9288.2	8494.7	7029.1	4611.4	1558.9	858.8	448.1	326.7	326.7	317.4	280.0
77.5°	6403.7	5993.0	4900.8	3407.2	1138.9	662.8	364.1	289.4	289.4	298.7	261.4
80°	4527.4	4144.7	3491.2	2445.7	718.8	448.1	280.0	242.7	270.7	289.4	242.7
82.5°	3463.2	3183.2	2595.1	1783.0	420.1	308.0	214.7	196.0	233.4	252.0	205.4
85°	2408.4	2072.3	1316.2	1194.9	242.7	186.7	158.7	158.7	205.4	252.0	186.7
87.5°	681.4	289.4	84.0	354.7	102.7	74.7	56.0	37.3	56.0	56.0	37.3
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°	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1
2.5°	5787.6	5731.6	5731.6	5712.9	5722.3	5731.6	5722.3	5787.6	5815.6	5852.9	5927.6
5°	4443.4	4518.1	4462.1	4518.1	4592.7	4704.8	4732.8	4816.8	4826.1	4891.5	4854.1
7.5°	3295.2	3285.9	3239.2	3304.5	3509.9	3668.6	3743.3	3789.9	3799.3	3799.3	3752.6
10°	2791.1	2707.1	2623.1	2576.4	2595.1	2763.1	2819.1	2847.1	2828.5	2856.5	2819.1
12.5°	2389.7	2315.0	2193.7	2109.7	2053.7	2100.3	2156.3	2184.4	2203.0	2249.7	2287.0
15°	1941.6	1867.0	1792.3	1745.6	1698.9	1661.6	1708.3	1736.3	1783.0	1820.3	1839.0
17.5°	1474.9	1437.6	1400.2	1428.2	1428.2	1409.6	1428.2	1437.6	1456.2	1484.2	1474.9
20°	1194.9	1185.5	1176.2	1222.9	1260.2	1260.2	1278.9	1250.9	1241.5	1213.5	1204.2
22.5°	1064.2	1064.2	1073.5	1110.8	1148.2	1166.9	1166.9	1120.2	1073.5	1054.8	1064.2
25°	989.5	989.5	1017.5	1026.8	1045.5	1045.5	1054.8	1008.2	980.2	952.2	961.5
27.5°	933.5	933.5	942.8	942.8	952.2	952.2	961.5	942.8	905.5	896.1	896.1
30°	896.1	896.1	886.8	886.8	886.8	886.8	896.1	868.1	849.5	840.1	840.1
32.5°	858.8	849.5	840.1	840.1	830.8	830.8	840.1	812.1	802.8	802.8	802.8
35°	746.8	737.5	746.8	765.5	765.5	774.8	774.8	765.5	746.8	728.1	718.8
37.5°	700.1	690.8	690.8	690.8	709.4	718.8	728.1	709.4	681.4	653.4	653.4
40°	662.8	662.8	653.4	653.4	653.4	672.1	690.8	662.8	625.4	616.1	616.1
42.5°	634.8	625.4	616.1	606.8	597.4	625.4	644.1	606.8	588.1	588.1	588.1
45°	606.8	597.4	588.1	578.8	569.4	578.8	597.4	560.1	550.8	550.8	550.8
47.5°	578.8	569.4	550.8	541.4	532.1	532.1	550.8	522.8	513.4	522.8	522.8
50°	560.1	541.4	522.8	513.4	504.1	504.1	504.1	494.7	494.7	494.7	504.1
52.5°	541.4	522.8	494.7	485.4	476.1	476.1	476.1	476.1	466.7	476.1	485.4
55°	513.4	494.7	476.1	466.7	457.4	448.1	457.4	448.1	448.1	457.4	457.4
57.5°	476.1	457.4	438.7	438.7	429.4	429.4	438.7	429.4	429.4	438.7	438.7
60°	448.1	429.4	410.7	410.7	401.4	410.7	420.1	410.7	410.7	410.7	420.1
62.5°	410.7	401.4	382.7	382.7	382.7	382.7	392.1	382.7	392.1	392.1	392.1
65°	382.7	364.1	354.7	354.7	354.7	354.7	373.4	354.7	364.1	364.1	364.1
67.5°	354.7	336.1	326.7	326.7	326.7	326.7	345.4	326.7	336.1	345.4	336.1
70°	326.7	308.0	298.7	298.7	298.7	298.7	308.0	298.7	298.7	308.0	308.0
72.5°	289.4	280.0	270.7	270.7	261.4	270.7	280.0	270.7	270.7	270.7	270.7
75°	261.4	252.0	252.0	242.7	242.7	242.7	252.0	233.4	233.4	233.4	233.4
77.5°	242.7	224.0	224.0	224.0	214.7	224.0	214.7	196.0	196.0	196.0	196.0
80°	205.4	186.7	196.0	196.0	186.7	186.7	177.4	158.7	158.7	158.7	158.7
82.5°	168.0	149.4	158.7	158.7	158.7	158.7	140.0	130.7	121.4	112.0	112.0
85°	149.4	121.4	140.0	140.0	130.7	130.7	93.3	93.3	74.7	74.7	65.3
87.5°	28.0	18.7	37.3	46.7	46.7	56.0	37.3	46.7	28.0	18.7	18.7
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°	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1
2.5°	5918.3	6021.0	6161.0	6263.7	6422.4	6543.7	6730.4	6889.1	7038.5	7103.8	7169.2
5°	4966.1	5031.5	5246.2	5414.2	5666.3	5937.0	6273.0	6637.1	7010.5	7178.5	7374.5
7.5°	3715.3	3836.6	3958.0	4200.7	4508.7	4947.5	5376.9	5918.3	6441.0	6693.1	7029.1
10°	2884.5	2977.8	3117.8	3369.9	3659.3	4023.3	4536.7	5180.8	5806.3	6133.0	6478.4
12.5°	2315.0	2445.7	2632.4	2893.8	3229.9	3603.2	3976.6	4574.1	5302.2	5675.6	6067.6
15°	1876.3	1979.0	2184.4	2511.1	2903.1	3285.9	3677.9	4172.7	4966.1	5395.5	5862.3
17.5°	1493.6	1568.3	1755.0	2081.7	2473.7	2903.1	3351.2	3976.6	4854.1	5376.9	5927.6
20°	1213.5	1269.5	1390.9	1633.6	2007.0	2473.7	3033.8	3789.9	4919.5	5591.6	6263.7
22.5°	1064.2	1082.8	1138.9	1269.5	1577.6	2072.3	2744.4	3631.3	5040.8	5909.0	6814.4
25°	961.5	980.2	998.8	1082.8	1260.2	1726.9	2492.4	3537.9	5302.2	6375.7	7449.2
27.5°	896.1	914.8	924.1	961.5	1082.8	1474.9	2277.7	3481.9	5656.9	7057.1	8233.3
30°	840.1	840.1	868.1	924.1	1008.2	1297.5	2091.0	3351.2	6030.3	7626.6	8849.4
32.5°	793.5	802.8	840.1	868.1	924.1	1148.2	1904.3	3183.2	6366.4	8093.3	9456.2
35°	709.4	709.4	718.8	765.5	840.1	1026.8	1736.3	3015.2	6553.1	8550.7	9997.6
37.5°	653.4	662.8	681.4	718.8	784.1	942.8	1596.3	2828.5	6749.1	8980.1	10632.4
40°	616.1	625.4	644.1	681.4	746.8	868.1	1474.9	2679.1	6954.5	9446.9	11313.8
42.5°	588.1	597.4	616.1	653.4	709.4	849.5	1344.2	2557.7	7075.8	9876.3	11957.9
45°	560.1	569.4	597.4	634.8	681.4	830.8	1269.5	2473.7	7122.5	10165.6	12471.4
47.5°	532.1	541.4	569.4	625.4	681.4	802.8	1241.5	2427.1	7159.8	10492.4	12882.1
50°	504.1	522.8	560.1	616.1	690.8	765.5	1222.9	2417.7	7374.5	10912.4	13274.1
52.5°	485.4	513.4	550.8	616.1	681.4	709.4	1213.5	2445.7	7803.9	11537.9	13834.2
55°	466.7	494.7	532.1	616.1	653.4	662.8	1166.9	2492.4	8457.4	12406.0	14627.7
57.5°	448.1	466.7	513.4	597.4	616.1	625.4	1073.5	2557.7	9110.8	13255.5	15439.8
60°	420.1	438.7	485.4	597.4	560.1	588.1	952.2	2576.4	9577.6	13526.2	15514.5
62.5°	392.1	410.7	457.4	616.1	513.4	550.8	849.5	2511.1	9670.9	13134.1	15094.4
65°	364.1	382.7	420.1	513.4	476.1	513.4	784.1	2333.7	9362.8	12238.0	14329.0
67.5°	336.1	354.7	382.7	420.1	429.4	466.7	756.1	2053.7	8588.1	11127.1	13283.5
70°	298.7	317.4	345.4	373.4	382.7	438.7	709.4	1783.0	7337.2	9642.9	12004.6
72.5°	270.7	280.0	308.0	326.7	345.4	401.4	681.4	1558.9	5610.2	7803.9	9792.3
75°	233.4	233.4	261.4	280.0	298.7	354.7	625.4	1297.5	3958.0	5955.6	7197.2
77.5°	196.0	196.0	214.7	233.4	252.0	308.0	532.1	1054.8	2744.4	4723.4	5218.2
80°	149.4	149.4	168.0	186.7	205.4	261.4	429.4	774.8	1698.9	3453.9	3799.3
82.5°	102.7	102.7	130.7	140.0	149.4	205.4	326.7	532.1	998.8	2492.4	2716.4
85°	56.0	56.0	74.7	84.0	102.7	149.4	242.7	373.4	597.4	1801.6	1811.0
87.5°	9.3	9.3	28.0	28.0	46.7	74.7	140.0	205.4	336.1	998.8	634.8
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: P598608  
 CATALOG NUMBER: IFLD-L-SA7B-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1	6665.1
2.5°	7290.5	7393.2	7402.5	7402.5	7355.9	7365.2	7234.5	7094.5	7047.8	7038.5
5°	7673.2	7944.0	8018.6	8056.0	7934.6	7747.9	7411.9	7047.8	6861.1	6833.1
7.5°	7598.6	8140.0	8429.4	8466.7	8224.0	7785.3	7197.2	6637.1	6422.4	6366.4
10°	7159.8	7887.9	8410.7	8541.4	8280.0	7719.9	6954.5	6301.0	6039.6	5993.0
12.5°	6851.8	7551.9	8065.3	8242.7	8121.3	7635.9	6833.1	6086.3	5824.9	5759.6
15°	6683.7	7327.9	7663.9	7719.9	7710.6	7505.2	6833.1	6133.0	5843.6	5768.9
17.5°	6823.8	7262.5	7309.2	7178.5	7253.2	7355.9	6982.5	6385.0	6105.0	6039.6
20°	7103.8	7234.5	7010.5	6814.4	6851.8	7178.5	7215.8	6861.1	6637.1	6525.1
22.5°	7691.9	7337.2	6823.8	6553.1	6581.1	7038.5	7523.9	7505.2	7309.2	7253.2
25°	8289.3	7626.6	6767.8	6450.4	6487.7	7010.5	7887.9	8224.0	8121.3	8093.3
27.5°	8952.1	8112.0	6805.1	6403.7	6450.4	7047.8	8140.0	8830.8	8849.4	8821.4
30°	9400.2	8345.4	6917.1	6459.7	6525.1	7141.2	8196.0	9194.8	9362.8	9372.2
32.5°	9773.6	8578.7	7150.5	6553.1	6665.1	7309.2	8345.4	9540.2	9913.6	9922.9
35°	10072.3	8840.1	7439.9	6721.1	6889.1	7589.2	8541.4	9866.9	10427.0	10492.4
37.5°	10455.0	9129.5	7775.9	7085.1	7271.8	7990.6	8886.8	10249.7	11033.8	11211.1
40°	10865.8	9418.9	8261.3	7673.2	7944.0	8588.1	9278.8	10679.1	11547.2	11789.9
42.5°	11323.2	9726.9	8812.1	8466.7	8877.4	9344.2	9726.9	11071.1	11939.3	12219.3
45°	11771.2	10100.3	9614.9	9549.5	10007.0	10240.3	10165.6	11351.2	12312.7	12592.7
47.5°	12088.6	10641.7	10585.7	10977.8	11407.2	11285.8	10679.1	11556.5	12620.7	12928.8
50°	12378.0	11313.8	11808.6	12574.0	12835.4	12424.7	11229.8	11836.6	12947.4	13292.8
52.5°	12807.4	12032.6	13068.8	14020.9	14273.0	13619.5	11827.2	12294.0	13451.5	13759.6
55°	13684.9	12844.7	14385.0	15477.2	15523.8	14711.7	12630.0	13068.8	14161.0	14515.7
57.5°	14665.0	13843.6	15430.5	16681.4	16662.7	15803.9	13535.5	14114.3	15122.4	15365.2
60°	15551.9	14851.7	16569.3	17540.2	17493.5	16597.4	14590.4	15299.8	16224.0	16410.7
62.5°	16074.6	15766.6	17073.4	17810.9	17633.5	16858.7	15486.5	16354.6	17008.1	17073.4
65°	15990.6	16289.3	16485.3	16942.7	16690.7	16130.6	15925.2	17026.8	17092.1	17026.8
67.5°	15355.8	15990.6	14870.4	14917.1	14786.4	14310.3	15243.8	16849.4	16401.3	16242.6
70°	14394.3	14441.0	12434.0	11845.9	12051.3	11397.8	13078.1	15467.8	14777.1	14581.0
72.5°	12798.1	12219.3	9400.2	8802.8	9110.8	8644.1	10492.4	13479.5	12807.4	12172.6
75°	10735.1	9680.2	7159.8	6310.4	6469.0	6450.4	8130.6	11136.5	9922.9	9288.2
77.5°	8317.3	7542.6	5283.5	4956.8	4788.8	4826.1	5675.6	8280.0	7197.2	6403.7
80°	6077.0	5274.2	4088.7	4275.4	4182.0	3958.0	3976.6	5544.9	5003.5	4527.4
82.5°	4200.7	3752.6	3313.9	3743.3	3519.2	3173.8	3099.2	3995.3	3752.6	3463.2
85°	2819.1	3089.8	2632.4	2865.8	2483.1	2287.0	2912.5	3341.9	2697.8	2408.4
87.5°	1839.0	2828.5	1895.0	1437.6	821.5	1101.5	1783.0	2193.7	1260.2	681.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)