

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: P598594

Luminaire Tested: **IFLD-S-SA3C-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: P598594  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-722-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

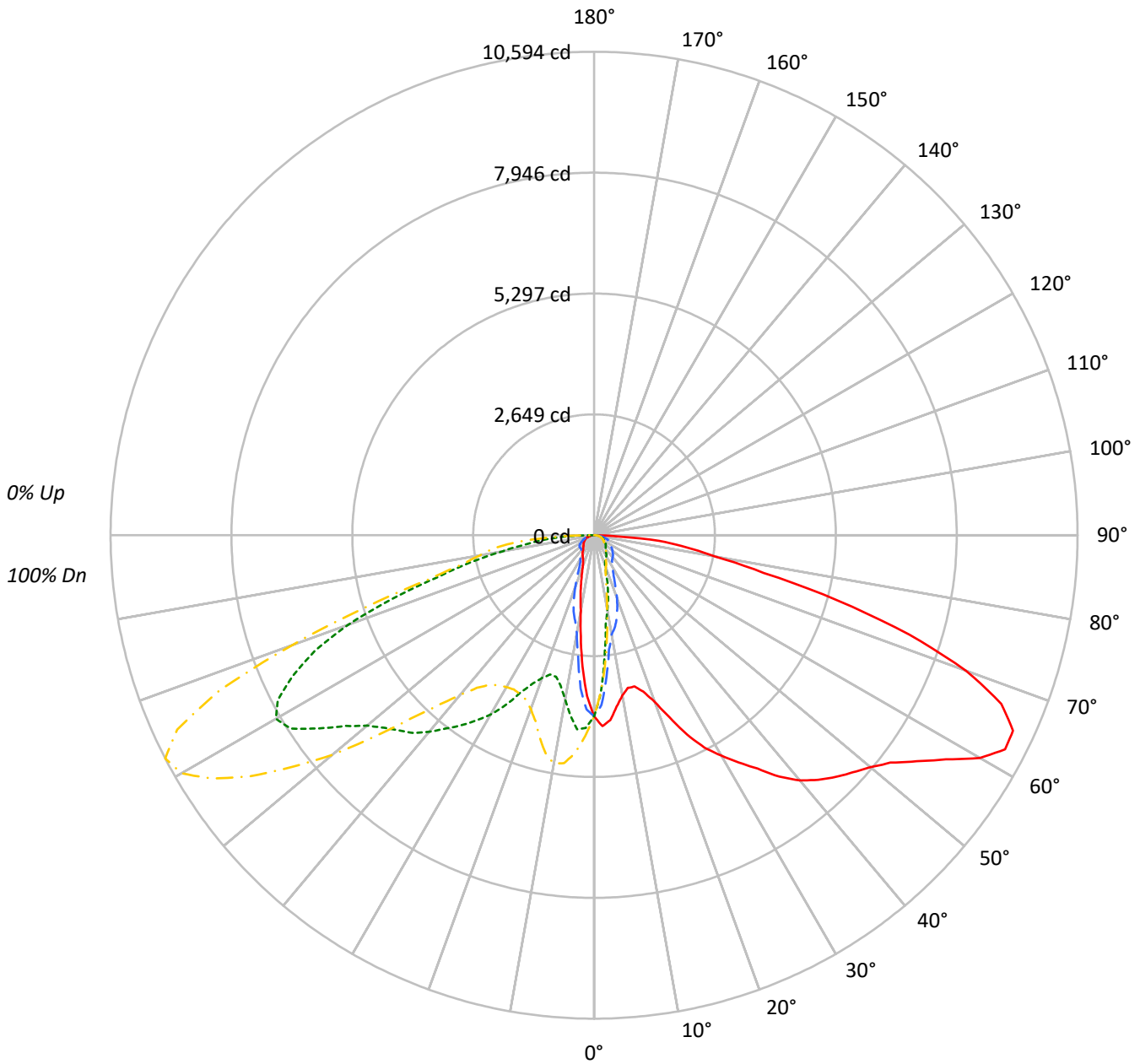
Lumens per Lamp: N/A  
 Luminaire Lumens: 13271.3 lumens  
 Efficiency: N/A  
 Efficacy: 82.5 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 160.8  
 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	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

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

	0°	90°	180°	270°
0°	56897	56897	56897	56897
5°	58553	38075	41595	61514
10°	51948	24195	24436	53162
15°	50983	17160	16252	47684
20°	59276	10854	10940	50796
25°	76231	9319	9056	60053
30°	92383	8833	8281	75176
35°	109341	7783	7490	89107
40°	131381	7385	6866	105272
45°	152024	7325	6649	122724
50°	176533	7437	6694	144922
55°	216035	7642	6808	184638
60°	280178	7650	7173	230930
65°	343924	7729	7352	247194
70°	363929	8153	7687	240678
75°	306347	8623	7697	196431
80°	222566	10100	7802	169795
85°	235889	14623	6406	176460

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	306.8	2.3
10°-20°	642.1	4.8
20°-30°	925.3	7.0
30°-40°	1332.1	10.0
40°-50°	1892.2	14.3
50°-60°	2720.4	20.5
60°-70°	3143.0	23.7
70°-80°	1779.6	13.4
80°-90°	529.6	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
<b>0°-30°</b>	<b>1874.3</b>	<b>14.1</b>
<b>0°-40°</b>	<b>3206.4</b>	<b>24.2</b>
<b>0°-60°</b>	<b>7819.0</b>	<b>58.9</b>
<b>0°-90°</b>	<b>13271.3</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>13271.3</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3964	3964	3964	3964	3964	
5°	4064	2643	2887	4270	4064	369
15°	3431	1155	1094	3209	3431	1009
25°	4814	588	572	3792	4814	2234
35°	6241	444	428	5086	6241	3961
45°	7490	361	328	6046	7490	5800
55°	8634	305	272	7379	8634	7819
65°	10128	228	216	7279	10128	9711
75°	5525	156	139	3542	5525	5862
85°	1432	89	39	1072	1432	1427
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°	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4
2.5°	4186.5	4180.9	4147.6	4042.1	3931.1	3825.6	3725.6	3620.1	3564.6	3498.0	3470.2
5°	4064.3	4053.2	3958.8	3725.6	3520.2	3298.1	3109.3	2959.4	2837.2	2715.1	2670.7
7.5°	3786.7	3770.0	3659.0	3337.0	3037.1	2748.4	2520.8	2326.4	2165.4	2093.2	2009.9
10°	3564.6	3536.8	3392.5	3037.1	2648.5	2359.7	2209.8	2076.6	1937.8	1821.2	1699.0
12.5°	3425.8	3392.5	3242.6	2826.1	2448.6	2232.0	2076.6	1926.7	1754.5	1610.2	1476.9
15°	3431.3	3392.5	3209.3	2770.6	2398.6	2121.0	1904.5	1699.0	1499.1	1338.1	1188.2
17.5°	3592.4	3542.4	3348.1	2848.4	2359.7	1976.6	1687.9	1421.4	1193.8	1021.6	899.5
20°	3881.1	3847.8	3625.7	2965.0	2320.9	1821.2	1465.8	1143.8	905.0	771.8	721.8
22.5°	4314.2	4275.3	4036.6	3142.6	2309.8	1682.4	1227.1	899.5	727.4	671.8	644.1
25°	4813.9	4741.7	4519.6	3442.5	2332.0	1554.7	1032.7	744.0	649.6	610.8	594.1
27.5°	5247.0	5202.5	4952.7	3725.6	2343.1	1454.7	899.5	677.4	605.2	571.9	560.8
30°	5574.6	5557.9	5313.6	4036.6	2315.3	1332.6	816.2	649.6	605.2	571.9	538.6
32.5°	5902.1	5907.7	5646.7	4275.3	2276.5	1227.1	738.5	577.4	533.0	510.8	516.4
35°	6240.8	6268.6	6046.5	4508.5	2193.2	1188.2	682.9	538.6	499.7	466.4	449.7
37.5°	6668.4	6740.5	6524.0	4769.5	2109.9	1154.9	655.2	510.8	471.9	444.2	422.0
40°	7012.6	7145.9	7018.2	5013.8	2054.4	1116.0	633.0	483.1	455.3	422.0	405.3
42.5°	7268.0	7423.5	7379.1	5202.5	2054.4	1077.2	610.8	466.4	444.2	405.3	383.1
45°	7490.1	7651.1	7645.6	5396.9	2098.8	1054.9	583.0	466.4	433.1	394.2	372.0
47.5°	7690.0	7851.0	7906.5	5641.2	2171.0	1043.8	549.7	455.3	433.1	388.7	355.3
50°	7906.5	8084.2	8250.8	6029.8	2259.8	1016.1	527.5	438.6	438.6	383.1	344.2
52.5°	8184.2	8384.0	8689.4	6512.9	2348.6	966.1	494.2	427.5	438.6	377.6	333.1
55°	8633.9	8800.5	9200.2	7090.3	2459.7	905.0	466.4	399.8	416.4	360.9	316.5
57.5°	9139.2	9283.5	9616.7	7534.5	2493.0	827.3	427.5	372.0	399.8	344.2	294.3
60°	9761.0	9833.2	9833.2	7662.2	2382.0	755.1	399.8	349.8	360.9	327.6	277.6
62.5°	10155.2	10155.2	9833.2	7429.0	2171.0	694.0	377.6	327.6	316.5	305.4	261.0
65°	10127.5	10083.1	9605.6	6751.6	1926.7	655.2	355.3	299.8	283.2	277.6	244.3
67.5°	9661.1	9583.3	8933.7	5796.6	1671.3	638.5	333.1	272.1	261.0	249.9	222.1
70°	8672.8	8472.9	7673.3	4664.0	1421.4	627.4	327.6	249.9	238.8	227.6	205.4
72.5°	7240.3	6984.8	5991.0	3586.8	1193.8	588.5	310.9	222.1	216.5	205.4	183.2
75°	5524.6	5052.6	4180.9	2742.9	927.2	510.8	266.5	194.3	194.3	188.8	166.6
77.5°	3808.9	3564.6	2915.0	2026.6	677.4	394.2	216.5	172.1	172.1	177.7	155.5
80°	2692.9	2465.2	2076.6	1454.7	427.5	266.5	166.6	144.4	161.0	172.1	144.4
82.5°	2059.9	1893.3	1543.6	1060.5	249.9	183.2	127.7	116.6	138.8	149.9	122.2
85°	1432.5	1232.6	782.9	710.7	144.4	111.0	94.4	94.4	122.2	149.9	111.0
87.5°	405.3	172.1	50.0	211.0	61.1	44.4	33.3	22.2	33.3	33.3	22.2
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°	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4
2.5°	3442.5	3409.1	3409.1	3398.0	3403.6	3409.1	3403.6	3442.5	3459.1	3481.3	3525.7
5°	2642.9	2687.3	2654.0	2687.3	2731.8	2798.4	2815.0	2865.0	2870.6	2909.4	2887.2
7.5°	1960.0	1954.4	1926.7	1965.5	2087.7	2182.1	2226.5	2254.3	2259.8	2259.8	2232.0
10°	1660.2	1610.2	1560.2	1532.4	1543.6	1643.5	1676.8	1693.5	1682.4	1699.0	1676.8
12.5°	1421.4	1377.0	1304.8	1254.8	1221.5	1249.3	1282.6	1299.2	1310.4	1338.1	1360.3
15°	1154.9	1110.5	1066.0	1038.3	1010.5	988.3	1016.1	1032.7	1060.5	1082.7	1093.8
17.5°	877.3	855.1	832.9	849.5	849.5	838.4	849.5	855.1	866.2	882.8	877.3
20°	710.7	705.1	699.6	727.4	749.6	749.6	760.7	744.0	738.5	721.8	716.3
22.5°	633.0	633.0	638.5	660.7	682.9	694.0	694.0	666.3	638.5	627.4	633.0
25°	588.5	588.5	605.2	610.8	621.9	621.9	627.4	599.7	583.0	566.3	571.9
27.5°	555.2	555.2	560.8	560.8	566.3	566.3	571.9	560.8	538.6	533.0	533.0
30°	533.0	533.0	527.5	527.5	527.5	527.5	533.0	516.4	505.3	499.7	499.7
32.5°	510.8	505.3	499.7	499.7	494.2	494.2	499.7	483.1	477.5	477.5	477.5
35°	444.2	438.6	444.2	455.3	455.3	460.8	460.8	455.3	444.2	433.1	427.5
37.5°	416.4	410.9	410.9	410.9	422.0	427.5	433.1	422.0	405.3	388.7	388.7
40°	394.2	394.2	388.7	388.7	388.7	399.8	410.9	394.2	372.0	366.5	366.5
42.5°	377.6	372.0	366.5	360.9	355.3	372.0	383.1	360.9	349.8	349.8	349.8
45°	360.9	355.3	349.8	344.2	338.7	344.2	355.3	333.1	327.6	327.6	327.6
47.5°	344.2	338.7	327.6	322.0	316.5	316.5	327.6	310.9	305.4	310.9	310.9
50°	333.1	322.0	310.9	305.4	299.8	299.8	299.8	294.3	294.3	294.3	299.8
52.5°	322.0	310.9	294.3	288.7	283.2	283.2	283.2	283.2	277.6	283.2	288.7
55°	305.4	294.3	283.2	277.6	272.1	266.5	272.1	266.5	266.5	272.1	272.1
57.5°	283.2	272.1	261.0	261.0	255.4	255.4	261.0	255.4	255.4	261.0	261.0
60°	266.5	255.4	244.3	244.3	238.8	244.3	249.9	244.3	244.3	244.3	249.9
62.5°	244.3	238.8	227.6	227.6	227.6	227.6	233.2	227.6	233.2	233.2	233.2
65°	227.6	216.5	211.0	211.0	211.0	211.0	222.1	211.0	216.5	216.5	216.5
67.5°	211.0	199.9	194.3	194.3	194.3	194.3	205.4	194.3	199.9	205.4	199.9
70°	194.3	183.2	177.7	177.7	177.7	177.7	183.2	177.7	177.7	183.2	183.2
72.5°	172.1	166.6	161.0	161.0	155.5	161.0	166.6	161.0	161.0	161.0	161.0
75°	155.5	149.9	149.9	144.4	144.4	144.4	149.9	138.8	138.8	138.8	138.8
77.5°	144.4	133.3	133.3	133.3	127.7	133.3	127.7	116.6	116.6	116.6	116.6
80°	122.2	111.0	116.6	116.6	111.0	111.0	105.5	94.4	94.4	94.4	94.4
82.5°	99.9	88.8	94.4	94.4	94.4	94.4	83.3	77.7	72.2	66.6	66.6
85°	88.8	72.2	83.3	83.3	77.7	77.7	55.5	55.5	44.4	44.4	38.9
87.5°	16.7	11.1	22.2	27.8	27.8	33.3	22.2	27.8	16.7	11.1	11.1
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°	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4
2.5°	3520.2	3581.3	3664.5	3725.6	3820.0	3892.2	4003.2	4097.6	4186.5	4225.3	4264.2
5°	2953.8	2992.7	3120.4	3220.4	3370.3	3531.3	3731.2	3947.7	4169.8	4269.8	4386.4
7.5°	2209.8	2282.0	2354.2	2498.6	2681.8	2942.7	3198.1	3520.2	3831.1	3981.0	4180.9
10°	1715.7	1771.2	1854.5	2004.4	2176.5	2393.1	2698.4	3081.6	3453.6	3647.9	3853.3
12.5°	1377.0	1454.7	1565.8	1721.2	1921.1	2143.2	2365.3	2720.6	3153.7	3375.8	3609.0
15°	1116.0	1177.1	1299.2	1493.6	1726.8	1954.4	2187.6	2481.9	2953.8	3209.3	3486.9
17.5°	888.4	932.8	1043.8	1238.2	1471.4	1726.8	1993.3	2365.3	2887.2	3198.1	3525.7
20°	721.8	755.1	827.3	971.7	1193.8	1471.4	1804.5	2254.3	2926.1	3325.9	3725.6
22.5°	633.0	644.1	677.4	755.1	938.3	1232.6	1632.4	2159.9	2998.3	3514.6	4053.2
25°	571.9	583.0	594.1	644.1	749.6	1027.2	1482.5	2104.3	3153.7	3792.3	4430.8
27.5°	533.0	544.1	549.7	571.9	644.1	877.3	1354.8	2071.0	3364.7	4197.6	4897.2
30°	499.7	499.7	516.4	549.7	599.7	771.8	1243.7	1993.3	3586.8	4536.3	5263.6
32.5°	471.9	477.5	499.7	516.4	549.7	682.9	1132.7	1893.3	3786.7	4813.9	5624.5
35°	422.0	422.0	427.5	455.3	499.7	610.8	1032.7	1793.4	3897.7	5085.9	5946.6
37.5°	388.7	394.2	405.3	427.5	466.4	560.8	949.5	1682.4	4014.3	5341.4	6324.1
40°	366.5	372.0	383.1	405.3	444.2	516.4	877.3	1593.5	4136.5	5619.0	6729.4
42.5°	349.8	355.3	366.5	388.7	422.0	505.3	799.5	1521.3	4208.7	5874.4	7112.6
45°	333.1	338.7	355.3	377.6	405.3	494.2	755.1	1471.4	4236.4	6046.5	7417.9
47.5°	316.5	322.0	338.7	372.0	405.3	477.5	738.5	1443.6	4258.6	6240.8	7662.2
50°	299.8	310.9	333.1	366.5	410.9	455.3	727.4	1438.1	4386.4	6490.7	7895.4
52.5°	288.7	305.4	327.6	366.5	405.3	422.0	721.8	1454.7	4641.8	6862.7	8228.6
55°	277.6	294.3	316.5	366.5	388.7	394.2	694.0	1482.5	5030.4	7379.1	8700.5
57.5°	266.5	277.6	305.4	355.3	366.5	372.0	638.5	1521.3	5419.1	7884.3	9183.6
60°	249.9	261.0	288.7	355.3	333.1	349.8	566.3	1532.4	5696.7	8045.3	9228.0
62.5°	233.2	244.3	272.1	366.5	305.4	327.6	505.3	1493.6	5752.2	7812.1	8978.1
65°	216.5	227.6	249.9	305.4	283.2	305.4	466.4	1388.1	5569.0	7279.1	8522.8
67.5°	199.9	211.0	227.6	249.9	255.4	277.6	449.7	1221.5	5108.2	6618.4	7901.0
70°	177.7	188.8	205.4	222.1	227.6	261.0	422.0	1060.5	4364.1	5735.6	7140.3
72.5°	161.0	166.6	183.2	194.3	205.4	238.8	405.3	927.2	3337.0	4641.8	5824.4
75°	138.8	138.8	155.5	166.6	177.7	211.0	372.0	771.8	2354.2	3542.4	4280.9
77.5°	116.6	116.6	127.7	138.8	149.9	183.2	316.5	627.4	1632.4	2809.5	3103.8
80°	88.8	88.8	99.9	111.0	122.2	155.5	255.4	460.8	1010.5	2054.4	2259.8
82.5°	61.1	61.1	77.7	83.3	88.8	122.2	194.3	316.5	594.1	1482.5	1615.7
85°	33.3	33.3	44.4	50.0	61.1	88.8	144.4	222.1	355.3	1071.6	1077.2
87.5°	5.6	5.6	16.7	16.7	27.8	44.4	83.3	122.2	199.9	594.1	377.6
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: P598594  
 CATALOG NUMBER: IFLD-S-SA3C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4	3964.4
2.5°	4336.4	4397.5	4403.0	4403.0	4375.2	4380.8	4303.1	4219.8	4192.0	4186.5
5°	4564.0	4725.0	4769.5	4791.7	4719.5	4608.4	4408.6	4192.0	4081.0	4064.3
7.5°	4519.6	4841.6	5013.8	5036.0	4891.6	4630.7	4280.9	3947.7	3820.0	3786.7
10°	4258.6	4691.7	5002.7	5080.4	4924.9	4591.8	4136.5	3747.8	3592.4	3564.6
12.5°	4075.4	4491.8	4797.2	4902.7	4830.5	4541.8	4064.3	3620.1	3464.7	3425.8
15°	3975.5	4358.6	4558.5	4591.8	4586.2	4464.1	4064.3	3647.9	3475.8	3431.3
17.5°	4058.8	4319.7	4347.5	4269.8	4314.2	4375.2	4153.2	3797.8	3631.2	3592.4
20°	4225.3	4303.1	4169.8	4053.2	4075.4	4269.8	4292.0	4081.0	3947.7	3881.1
22.5°	4575.1	4364.1	4058.8	3897.7	3914.4	4186.5	4475.2	4464.1	4347.5	4314.2
25°	4930.5	4536.3	4025.4	3836.7	3858.9	4169.8	4691.7	4891.6	4830.5	4813.9
27.5°	5324.7	4825.0	4047.7	3808.9	3836.7	4192.0	4841.6	5252.5	5263.6	5247.0
30°	5591.2	4963.8	4114.3	3842.2	3881.1	4247.5	4875.0	5469.1	5569.0	5574.6
32.5°	5813.3	5102.6	4253.1	3897.7	3964.4	4347.5	4963.8	5674.5	5896.6	5902.1
35°	5991.0	5258.1	4425.2	3997.7	4097.6	4514.1	5080.4	5868.8	6202.0	6240.8
37.5°	6218.6	5430.2	4625.1	4214.2	4325.3	4752.8	5285.8	6096.5	6562.9	6668.4
40°	6462.9	5602.3	4913.8	4564.0	4725.0	5108.2	5519.0	6351.9	6868.2	7012.6
42.5°	6735.0	5785.5	5241.4	5036.0	5280.3	5557.9	5785.5	6585.1	7101.4	7268.0
45°	7001.5	6007.6	5718.9	5680.0	5952.1	6090.9	6046.5	6751.6	7323.5	7490.1
47.5°	7190.3	6329.7	6296.4	6529.6	6785.0	6712.8	6351.9	6873.8	7506.8	7690.0
50°	7362.4	6729.4	7023.7	7479.0	7634.5	7390.2	6679.5	7040.4	7701.1	7906.5
52.5°	7617.8	7157.0	7773.3	8339.6	8489.5	8100.9	7034.8	7312.4	8000.9	8184.2
55°	8139.7	7640.0	8556.2	9205.8	9233.5	8750.5	7512.3	7773.3	8422.9	8633.9
57.5°	8722.7	8234.1	9178.0	9922.0	9910.9	9400.1	8050.9	8395.1	8994.8	9139.2
60°	9250.2	8833.8	9855.4	10432.9	10405.1	9872.1	8678.3	9100.3	9650.0	9761.0
62.5°	9561.1	9377.9	10155.2	10593.9	10488.4	10027.5	9211.3	9727.7	10116.4	10155.2
65°	9511.2	9688.8	9805.4	10077.5	9927.6	9594.4	9472.3	10127.5	10166.3	10127.5
67.5°	9133.6	9511.2	8844.9	8872.6	8794.9	8511.7	9067.0	10022.0	9755.5	9661.1
70°	8561.7	8589.5	7395.7	7045.9	7168.1	6779.4	7778.8	9200.2	8789.4	8672.8
72.5°	7612.3	7268.0	5591.2	5235.9	5419.1	5141.5	6240.8	8017.6	7617.8	7240.3
75°	6385.2	5757.8	4258.6	3753.4	3847.8	3836.7	4836.1	6623.9	5902.1	5524.6
77.5°	4947.1	4486.3	3142.6	2948.3	2848.4	2870.6	3375.8	4924.9	4280.9	3808.9
80°	3614.6	3137.1	2431.9	2543.0	2487.4	2354.2	2365.3	3298.1	2976.1	2692.9
82.5°	2498.6	2232.0	1971.1	2226.5	2093.2	1887.8	1843.4	2376.4	2232.0	2059.9
85°	1676.8	1837.8	1565.8	1704.6	1476.9	1360.3	1732.3	1987.7	1604.6	1432.5
87.5°	1093.8	1682.4	1127.1	855.1	488.6	655.2	1060.5	1304.8	749.6	405.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)