

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: P598708

Luminaire Tested: **IFLD-S-SA3A-740-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598708  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-740-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

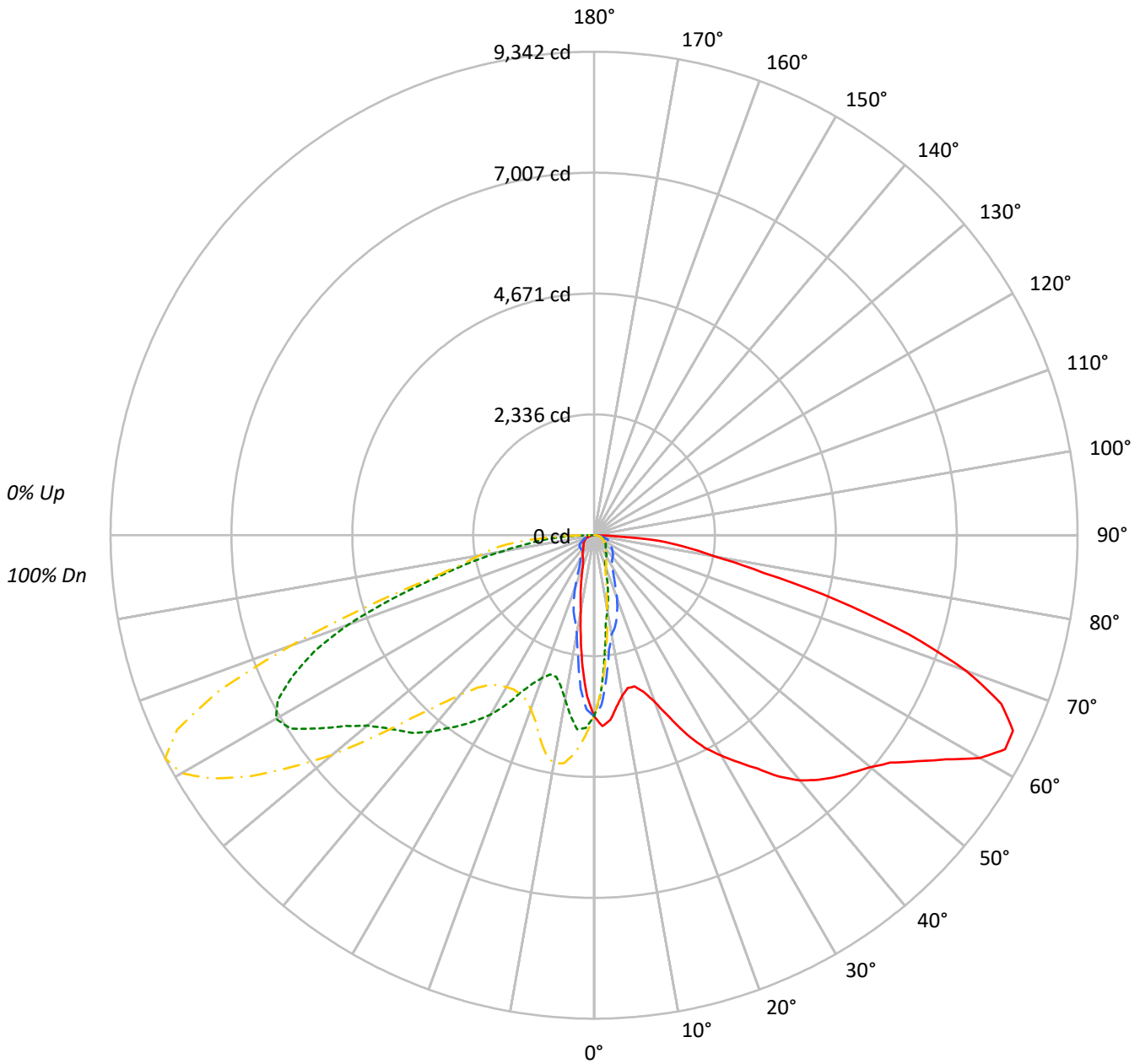
Lumens per Lamp: N/A  
 Luminaire Lumens: 11702.7 lumens  
 Efficiency: N/A  
 Efficacy: 123.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 94.8  
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	50171	50171	50171	50171
5°	51632	33575	36679	54243
10°	45808	21334	21548	46878
15°	44958	15132	14331	42047
20°	52270	9572	9646	44793
25°	67220	8219	7986	52954
30°	81464	7789	7302	66290
35°	96418	6863	6605	78576
40°	115854	6512	6053	92828
45°	134055	6458	5864	108218
50°	155668	6560	5903	127792
55°	190501	6738	6003	162814
60°	247062	6745	6323	203636
65°	303275	6816	6483	217979
70°	320914	7192	6781	212232
75°	270137	7602	6787	173214
80°	196259	8901	6876	149727
85°	208010	12894	5648	155596

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	270.5	2.3
10°-20°	566.2	4.8
20°-30°	816.0	7.0
30°-40°	1174.7	10.0
40°-50°	1668.6	14.3
50°-60°	2398.9	20.5
60°-70°	2771.5	23.7
70°-80°	1569.3	13.4
80°-90°	467.0	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°	1652.7	14.1
0°-40°	2827.4	24.2
0°-60°	6894.9	58.9
0°-90°	11702.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11702.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3496	3496	3496	3496	3496	
5°	3584	2330	2546	3765	3584	325
15°	3026	1018	964	2830	3026	890
25°	4245	519	504	3344	4245	1970
35°	5503	392	377	4485	5503	3493
45°	6605	318	289	5332	6605	5114
55°	7613	269	240	6507	7613	6895
65°	8930	201	191	6419	8930	8564
75°	4872	137	122	3124	4872	5169
85°	1263	78	34	945	1263	1258
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°	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8
2.5°	3691.7	3686.8	3657.4	3564.4	3466.4	3373.4	3285.3	3192.3	3143.3	3084.5	3060.1
5°	3583.9	3574.1	3490.9	3285.3	3104.1	2908.3	2741.8	2609.6	2501.9	2394.2	2355.0
7.5°	3339.1	3324.4	3226.5	2942.6	2678.2	2423.6	2222.8	2051.5	1909.5	1845.8	1772.4
10°	3143.3	3118.8	2991.5	2678.2	2335.4	2080.8	1948.6	1831.1	1708.7	1605.9	1498.2
12.5°	3020.9	2991.5	2859.3	2492.1	2159.2	1968.2	1831.1	1698.9	1547.2	1419.9	1302.4
15°	3025.8	2991.5	2829.9	2443.2	2115.1	1870.3	1679.4	1498.2	1321.9	1180.0	1047.8
17.5°	3167.8	3123.7	2952.3	2511.7	2080.8	1743.0	1488.4	1253.4	1052.7	900.9	793.2
20°	3422.4	3393.0	3197.2	2614.5	2046.6	1605.9	1292.6	1008.6	798.1	680.6	636.5
22.5°	3804.3	3770.0	3559.5	2771.2	2036.8	1483.5	1082.0	793.2	641.4	592.4	567.9
25°	4244.9	4181.3	3985.4	3035.6	2056.4	1370.9	910.7	656.1	572.8	538.6	523.9
27.5°	4626.8	4587.6	4367.3	3285.3	2066.2	1282.8	793.2	597.3	533.7	504.3	494.5
30°	4915.7	4901.0	4685.6	3559.5	2041.7	1175.1	719.7	572.8	533.7	504.3	474.9
32.5°	5204.5	5209.4	4979.3	3770.0	2007.4	1082.0	651.2	509.2	470.0	450.4	455.3
35°	5503.2	5527.7	5331.8	3975.6	1934.0	1047.8	602.2	474.9	440.6	411.3	396.6
37.5°	5880.2	5943.9	5752.9	4205.7	1860.5	1018.4	577.7	450.4	416.2	391.7	372.1
40°	6183.8	6301.3	6188.7	4421.2	1811.6	984.1	558.2	426.0	401.5	372.1	357.4
42.5°	6409.0	6546.1	6506.9	4587.6	1811.6	949.8	538.6	411.3	391.7	357.4	337.8
45°	6604.8	6746.8	6741.9	4759.0	1850.7	930.3	514.1	411.3	381.9	347.6	328.0
47.5°	6781.1	6923.1	6972.0	4974.4	1914.4	920.5	484.7	401.5	381.9	342.7	313.4
50°	6972.0	7128.7	7275.6	5317.2	1992.7	896.0	465.1	386.8	386.8	337.8	303.6
52.5°	7216.8	7393.1	7662.4	5743.1	2071.0	851.9	435.8	377.0	386.8	332.9	293.8
55°	7613.4	7760.3	8112.8	6252.3	2169.0	798.1	411.3	352.5	367.2	318.2	279.1
57.5°	8059.0	8186.3	8480.0	6644.0	2198.3	729.5	377.0	328.0	352.5	303.6	259.5
60°	8607.3	8671.0	8671.0	6756.6	2100.4	665.9	352.5	308.5	318.2	288.9	244.8
62.5°	8955.0	8955.0	8671.0	6551.0	1914.4	612.0	332.9	288.9	279.1	269.3	230.1
65°	8930.5	8891.3	8470.2	5953.7	1698.9	577.7	313.4	264.4	249.7	244.8	215.4
67.5°	8519.2	8450.7	7877.8	5111.5	1473.7	563.1	293.8	239.9	230.1	220.3	195.8
70°	7647.7	7471.4	6766.4	4112.7	1253.4	553.3	288.9	220.3	210.5	200.7	181.2
72.5°	6384.5	6159.3	5282.9	3162.9	1052.7	519.0	274.2	195.8	190.9	181.2	161.6
75°	4871.6	4455.4	3686.8	2418.7	817.6	450.4	235.0	171.4	171.4	166.5	146.9
77.5°	3358.7	3143.3	2570.5	1787.1	597.3	347.6	190.9	151.8	151.8	156.7	137.1
80°	2374.6	2173.9	1831.1	1282.8	377.0	235.0	146.9	127.3	142.0	151.8	127.3
82.5°	1816.5	1669.6	1361.1	935.2	220.3	161.6	112.6	102.8	122.4	132.2	107.7
85°	1263.2	1086.9	690.3	626.7	127.3	97.9	83.2	83.2	107.7	132.2	97.9
87.5°	357.4	151.8	44.1	186.1	53.9	39.2	29.4	19.6	29.4	29.4	19.6
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°	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8
2.5°	3035.6	3006.2	3006.2	2996.4	3001.3	3006.2	3001.3	3035.6	3050.3	3069.9	3109.0
5°	2330.5	2369.7	2340.3	2369.7	2408.9	2467.6	2482.3	2526.4	2531.3	2565.6	2546.0
7.5°	1728.3	1723.4	1698.9	1733.2	1840.9	1924.2	1963.3	1987.8	1992.7	1992.7	1968.2
10°	1463.9	1419.9	1375.8	1351.3	1361.1	1449.2	1478.6	1493.3	1483.5	1498.2	1478.6
12.5°	1253.4	1214.2	1150.6	1106.5	1077.1	1101.6	1131.0	1145.7	1155.5	1180.0	1199.5
15°	1018.4	979.2	940.1	915.6	891.1	871.5	896.0	910.7	935.2	954.7	964.5
17.5°	773.6	754.0	734.4	749.1	749.1	739.3	749.1	754.0	763.8	778.5	773.6
20°	626.7	621.8	616.9	641.4	661.0	661.0	670.8	656.1	651.2	636.5	631.6
22.5°	558.2	558.2	563.1	582.6	602.2	612.0	612.0	587.5	563.1	553.3	558.2
25°	519.0	519.0	533.7	538.6	548.4	548.4	553.3	528.8	514.1	499.4	504.3
27.5°	489.6	489.6	494.5	494.5	499.4	499.4	504.3	494.5	474.9	470.0	470.0
30°	470.0	470.0	465.1	465.1	465.1	465.1	470.0	455.3	445.5	440.6	440.6
32.5°	450.4	445.5	440.6	440.6	435.8	435.8	440.6	426.0	421.1	421.1	421.1
35°	391.7	386.8	391.7	401.5	401.5	406.4	406.4	401.5	391.7	381.9	377.0
37.5°	367.2	362.3	362.3	362.3	372.1	377.0	381.9	372.1	357.4	342.7	342.7
40°	347.6	347.6	342.7	342.7	342.7	352.5	362.3	347.6	328.0	323.1	323.1
42.5°	332.9	328.0	323.1	318.2	313.4	328.0	337.8	318.2	308.5	308.5	308.5
45°	318.2	313.4	308.5	303.6	298.7	303.6	313.4	293.8	288.9	288.9	288.9
47.5°	303.6	298.7	288.9	284.0	279.1	279.1	288.9	274.2	269.3	274.2	274.2
50°	293.8	284.0	274.2	269.3	264.4	264.4	264.4	259.5	259.5	259.5	264.4
52.5°	284.0	274.2	259.5	254.6	249.7	249.7	249.7	249.7	244.8	249.7	254.6
55°	269.3	259.5	249.7	244.8	239.9	235.0	239.9	235.0	235.0	239.9	239.9
57.5°	249.7	239.9	230.1	230.1	225.2	225.2	230.1	225.2	225.2	230.1	230.1
60°	235.0	225.2	215.4	215.4	210.5	215.4	220.3	215.4	215.4	215.4	220.3
62.5°	215.4	210.5	200.7	200.7	200.7	200.7	205.6	200.7	205.6	205.6	205.6
65°	200.7	190.9	186.1	186.1	186.1	186.1	195.8	186.1	190.9	190.9	190.9
67.5°	186.1	176.3	171.4	171.4	171.4	171.4	181.2	171.4	176.3	181.2	176.3
70°	171.4	161.6	156.7	156.7	156.7	156.7	161.6	156.7	156.7	161.6	161.6
72.5°	151.8	146.9	142.0	142.0	137.1	142.0	146.9	142.0	142.0	142.0	142.0
75°	137.1	132.2	132.2	127.3	127.3	127.3	132.2	122.4	122.4	122.4	122.4
77.5°	127.3	117.5	117.5	117.5	112.6	117.5	112.6	102.8	102.8	102.8	102.8
80°	107.7	97.9	102.8	102.8	97.9	97.9	93.0	83.2	83.2	83.2	83.2
82.5°	88.1	78.3	83.2	83.2	83.2	83.2	73.4	68.5	63.6	58.8	58.8
85°	78.3	63.6	73.4	73.4	68.5	68.5	49.0	49.0	39.2	39.2	34.3
87.5°	14.7	9.8	19.6	24.5	24.5	29.4	19.6	24.5	14.7	9.8	9.8
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°	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8
2.5°	3104.1	3158.0	3231.4	3285.3	3368.5	3432.2	3530.1	3613.3	3691.7	3725.9	3760.2
5°	2604.7	2639.0	2751.6	2839.7	2971.9	3113.9	3290.2	3481.1	3677.0	3765.1	3867.9
7.5°	1948.6	2012.3	2075.9	2203.2	2364.8	2594.9	2820.2	3104.1	3378.3	3510.5	3686.8
10°	1512.9	1561.9	1635.3	1767.5	1919.3	2110.2	2379.5	2717.3	3045.4	3216.7	3397.9
12.5°	1214.2	1282.8	1380.7	1517.8	1694.0	1889.9	2085.7	2399.1	2781.0	2976.8	3182.5
15°	984.1	1038.0	1145.7	1317.0	1522.7	1723.4	1929.1	2188.6	2604.7	2829.9	3074.7
17.5°	783.4	822.5	920.5	1091.8	1297.5	1522.7	1757.7	2085.7	2546.0	2820.2	3109.0
20°	636.5	665.9	729.5	856.8	1052.7	1297.5	1591.2	1987.8	2580.2	2932.8	3285.3
22.5°	558.2	567.9	597.3	665.9	827.4	1086.9	1439.5	1904.6	2643.9	3099.2	3574.1
25°	504.3	514.1	523.9	567.9	661.0	905.8	1307.3	1855.6	2781.0	3344.0	3907.1
27.5°	470.0	479.8	484.7	504.3	567.9	773.6	1194.6	1826.2	2967.0	3701.4	4318.4
30°	440.6	440.6	455.3	484.7	528.8	680.6	1096.7	1757.7	3162.9	4000.1	4641.5
32.5°	416.2	421.1	440.6	455.3	484.7	602.2	998.8	1669.6	3339.1	4244.9	4959.7
35°	372.1	372.1	377.0	401.5	440.6	538.6	910.7	1581.4	3437.1	4484.8	5243.7
37.5°	342.7	347.6	357.4	377.0	411.3	494.5	837.2	1483.5	3539.9	4710.0	5576.7
40°	323.1	328.0	337.8	357.4	391.7	455.3	773.6	1405.2	3647.6	4954.8	5934.1
42.5°	308.5	313.4	323.1	342.7	372.1	445.5	705.0	1341.5	3711.2	5180.1	6271.9
45°	293.8	298.7	313.4	332.9	357.4	435.8	665.9	1297.5	3735.7	5331.8	6541.2
47.5°	279.1	284.0	298.7	328.0	357.4	421.1	651.2	1273.0	3755.3	5503.2	6756.6
50°	264.4	274.2	293.8	323.1	362.3	401.5	641.4	1268.1	3867.9	5723.5	6962.2
52.5°	254.6	269.3	288.9	323.1	357.4	372.1	636.5	1282.8	4093.1	6051.6	7256.0
55°	244.8	259.5	279.1	323.1	342.7	347.6	612.0	1307.3	4435.9	6506.9	7672.2
57.5°	235.0	244.8	269.3	313.4	323.1	328.0	563.1	1341.5	4778.6	6952.5	8098.1
60°	220.3	230.1	254.6	313.4	293.8	308.5	499.4	1351.3	5023.4	7094.4	8137.3
62.5°	205.6	215.4	239.9	323.1	269.3	288.9	445.5	1317.0	5072.4	6888.8	7917.0
65°	190.9	200.7	220.3	269.3	249.7	269.3	411.3	1224.0	4910.8	6418.8	7515.5
67.5°	176.3	186.1	200.7	220.3	225.2	244.8	396.6	1077.1	4504.4	5836.1	6967.1
70°	156.7	166.5	181.2	195.8	200.7	230.1	372.1	935.2	3848.3	5057.7	6296.4
72.5°	142.0	146.9	161.6	171.4	181.2	210.5	357.4	817.6	2942.6	4093.1	5136.0
75°	122.4	122.4	137.1	146.9	156.7	186.1	328.0	680.6	2075.9	3123.7	3774.9
77.5°	102.8	102.8	112.6	122.4	132.2	161.6	279.1	553.3	1439.5	2477.4	2736.9
80°	78.3	78.3	88.1	97.9	107.7	137.1	225.2	406.4	891.1	1811.6	1992.7
82.5°	53.9	53.9	68.5	73.4	78.3	107.7	171.4	279.1	523.9	1307.3	1424.8
85°	29.4	29.4	39.2	44.1	53.9	78.3	127.3	195.8	313.4	944.9	949.8
87.5°	4.9	4.9	14.7	14.7	24.5	39.2	73.4	107.7	176.3	523.9	332.9
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: P598708  
 CATALOG NUMBER: IFLD-S-SA3A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8	3495.8
2.5°	3823.9	3877.7	3882.6	3882.6	3858.1	3863.0	3794.5	3721.0	3696.6	3691.7
5°	4024.6	4166.6	4205.7	4225.3	4161.7	4063.8	3887.5	3696.6	3598.6	3583.9
7.5°	3985.4	4269.4	4421.2	4440.8	4313.5	4083.3	3774.9	3481.1	3368.5	3339.1
10°	3755.3	4137.2	4411.4	4479.9	4342.8	4049.1	3647.6	3304.9	3167.8	3143.3
12.5°	3593.7	3960.9	4230.2	4323.3	4259.6	4005.0	3583.9	3192.3	3055.2	3020.9
15°	3505.6	3843.4	4019.7	4049.1	4044.2	3936.5	3583.9	3216.7	3065.0	3025.8
17.5°	3579.0	3809.2	3833.6	3765.1	3804.3	3858.1	3662.3	3348.9	3202.0	3167.8
20°	3725.9	3794.5	3677.0	3574.1	3593.7	3765.1	3784.7	3598.6	3481.1	3422.4
22.5°	4034.4	3848.3	3579.0	3437.1	3451.7	3691.7	3946.3	3936.5	3833.6	3804.3
25°	4347.7	4000.1	3549.7	3383.2	3402.8	3677.0	4137.2	4313.5	4259.6	4244.9
27.5°	4695.4	4254.7	3569.3	3358.7	3383.2	3696.6	4269.4	4631.7	4641.5	4626.8
30°	4930.4	4377.1	3628.0	3388.1	3422.4	3745.5	4298.8	4822.7	4910.8	4915.7
32.5°	5126.2	4499.5	3750.4	3437.1	3495.8	3833.6	4377.1	5003.8	5199.7	5204.5
35°	5282.9	4636.6	3902.2	3525.2	3613.3	3980.5	4479.9	5175.2	5468.9	5503.2
37.5°	5483.6	4788.4	4078.4	3716.1	3814.1	4191.1	4661.1	5375.9	5787.2	5880.2
40°	5699.1	4940.2	4333.0	4024.6	4166.6	4504.4	4866.7	5601.1	6056.5	6183.8
42.5°	5939.0	5101.7	4621.9	4440.8	4656.2	4901.0	5101.7	5806.8	6262.1	6409.0
45°	6174.0	5297.6	5043.0	5008.7	5248.6	5371.0	5331.8	5953.7	6458.0	6604.8
47.5°	6340.4	5581.5	5552.2	5757.8	5983.0	5919.4	5601.1	6061.4	6619.5	6781.1
50°	6492.2	5934.1	6193.6	6595.0	6732.1	6516.7	5890.0	6208.2	6790.9	6972.0
52.5°	6717.4	6311.1	6854.5	7353.9	7486.1	7143.4	6203.4	6448.2	7055.3	7216.8
55°	7177.7	6737.0	7544.9	8117.7	8142.2	7716.2	6624.4	6854.5	7427.4	7613.4
57.5°	7691.8	7260.9	8093.2	8749.3	8739.5	8289.1	7099.3	7402.9	7931.7	8059.0
60°	8156.9	7789.7	8690.6	9199.8	9175.3	8705.3	7652.6	8024.7	8509.4	8607.3
62.5°	8431.1	8269.5	8955.0	9341.8	9248.7	8842.3	8122.6	8578.0	8920.7	8955.0
65°	8387.0	8543.7	8646.5	8886.4	8754.2	8460.5	8352.7	8930.5	8964.8	8930.5
67.5°	8054.1	8387.0	7799.5	7824.0	7755.4	7505.7	7995.3	8837.5	8602.4	8519.2
70°	7549.8	7574.3	6521.6	6213.1	6320.9	5978.1	6859.4	8112.8	7750.5	7647.7
72.5°	6712.5	6409.0	4930.4	4617.0	4778.6	4533.8	5503.2	7070.0	6717.4	6384.5
75°	5630.5	5077.3	3755.3	3309.8	3393.0	3383.2	4264.5	5841.0	5204.5	4871.6
77.5°	4362.4	3956.0	2771.2	2599.8	2511.7	2531.3	2976.8	4342.8	3774.9	3358.7
80°	3187.4	2766.3	2144.5	2242.4	2193.5	2075.9	2085.7	2908.3	2624.3	2374.6
82.5°	2203.2	1968.2	1738.1	1963.3	1845.8	1664.7	1625.5	2095.5	1968.2	1816.5
85°	1478.6	1620.6	1380.7	1503.1	1302.4	1199.5	1527.6	1752.8	1415.0	1263.2
87.5°	964.5	1483.5	993.9	754.0	430.9	577.7	935.2	1150.6	661.0	357.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)