

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: P598679

Luminaire Tested: **IFLD-S-SA3A-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598679  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-735-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

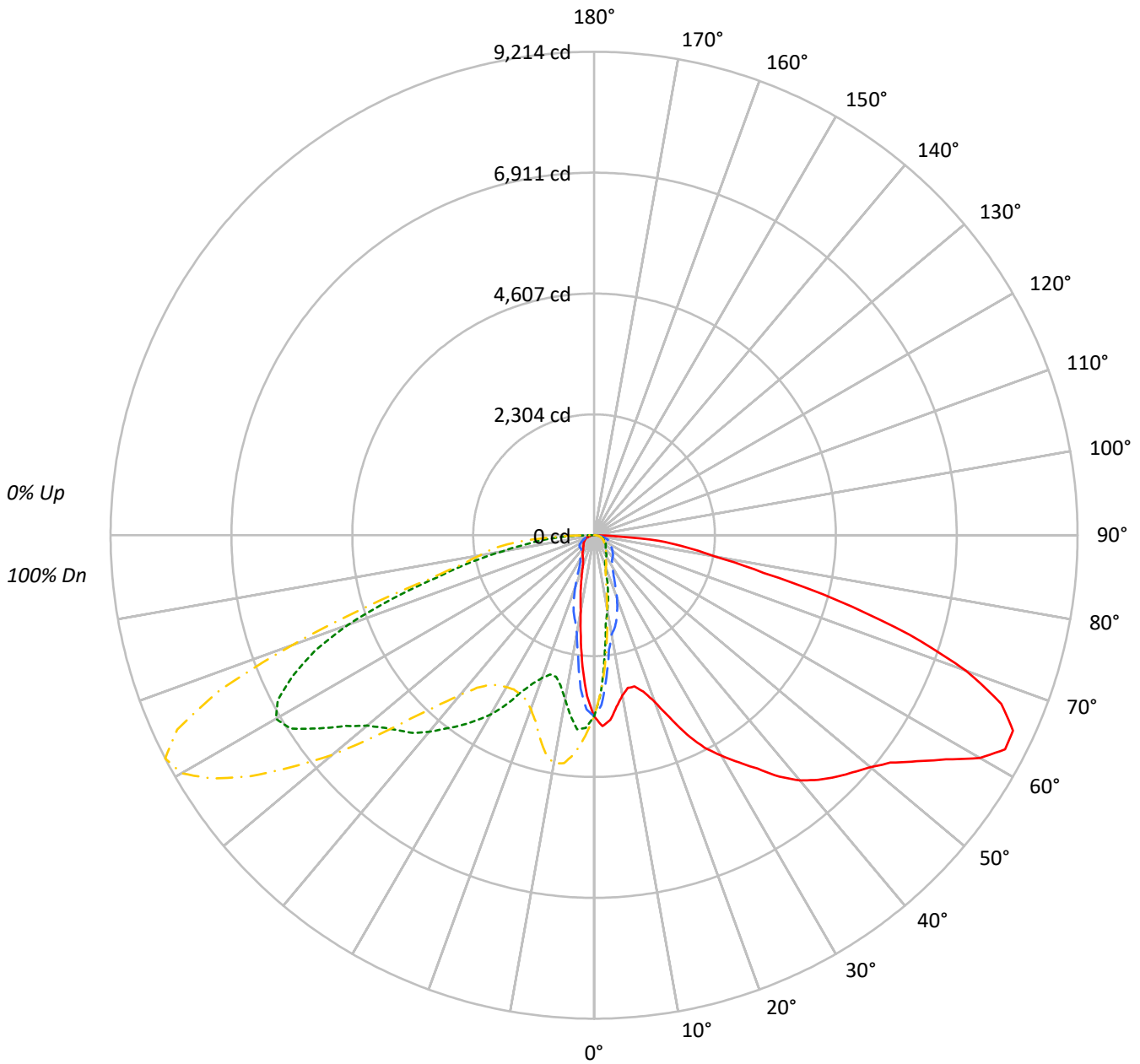
Lumens per Lamp: N/A  
 Luminaire Lumens: 11542.4 lumens  
 Efficiency: N/A  
 Efficacy: 121.8 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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	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	100	100		
	1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	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	59	59		
	3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	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	36	36		
	5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	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	25	25		
	7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	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	18	18		
	9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	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	14	14		

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

	0°	90°	180°	270°
0°	49484	49484	49484	49484
5°	50925	33115	36177	53499
10°	45180	21042	21254	46237
15°	44341	14924	14135	41472
20°	51554	9440	9514	44179
25°	66300	8106	7877	52229
30°	80347	7683	7202	65382
35°	95097	6768	6514	77500
40°	114267	6424	5971	91558
45°	132218	6371	5783	106736
50°	153536	6468	5823	126041
55°	187891	6646	5920	160585
60°	243678	6654	6237	200846
65°	299118	6724	6395	214991
70°	316516	7092	6689	209324
75°	266439	7497	6693	170840
80°	193573	8777	6786	147669
85°	205162	12729	5566	153472

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.8	2.3
10°-20°	558.5	4.8
20°-30°	804.8	7.0
30°-40°	1158.6	10.0
40°-50°	1645.7	14.3
50°-60°	2366.0	20.5
60°-70°	2733.5	23.7
70°-80°	1547.8	13.4
80°-90°	460.6	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
0°-30°	1630.1	14.1
0°-40°	2788.7	24.2
0°-60°	6800.4	58.9
0°-90°	11542.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11542.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3448	3448	3448	3448	3448	
5°	3535	2299	2511	3714	3535	321
15°	2984	1004	951	2791	2984	878
25°	4187	512	497	3298	4187	1943
35°	5428	386	372	4423	5428	3445
45°	6514	314	285	5259	6514	5044
55°	7509	266	237	6418	7509	6801
65°	8808	198	188	6331	8808	8446
75°	4805	135	121	3081	4805	5098
85°	1246	77	34	932	1246	1241
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°	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9
2.5°	3641.1	3636.3	3607.3	3515.5	3418.9	3327.2	3240.3	3148.5	3100.2	3042.3	3018.1
5°	3534.8	3525.2	3443.1	3240.3	3061.6	2868.4	2704.3	2573.9	2467.6	2361.4	2322.8
7.5°	3293.4	3278.9	3182.3	2902.2	2641.5	2390.4	2192.4	2023.4	1883.3	1820.5	1748.1
10°	3100.2	3076.1	2950.5	2641.5	2303.4	2052.3	1921.9	1806.1	1685.3	1583.9	1477.7
12.5°	2979.5	2950.5	2820.1	2458.0	2129.6	1941.3	1806.1	1675.7	1526.0	1400.4	1284.5
15°	2984.3	2950.5	2791.2	2409.7	2086.1	1844.7	1656.4	1477.7	1303.8	1163.8	1033.4
17.5°	3124.4	3080.9	2911.9	2477.3	2052.3	1719.1	1468.0	1236.2	1038.2	888.5	782.3
20°	3375.5	3346.5	3153.3	2578.7	2018.5	1583.9	1274.9	994.8	787.1	671.2	627.8
22.5°	3752.1	3718.3	3510.7	2733.2	2008.9	1463.2	1067.2	782.3	632.6	584.3	560.2
25°	4186.8	4124.0	3930.8	2994.0	2028.2	1352.1	898.2	647.1	565.0	531.2	516.7
27.5°	4563.4	4524.8	4307.5	3240.3	2037.8	1265.2	782.3	589.1	526.4	497.4	487.7
30°	4848.3	4833.8	4621.4	3510.7	2013.7	1159.0	709.9	565.0	526.4	497.4	468.4
32.5°	5133.2	5138.1	4911.1	3718.3	1979.9	1067.2	642.3	502.2	463.6	444.3	449.1
35°	5427.8	5452.0	5258.8	3921.2	1907.5	1033.4	594.0	468.4	434.6	405.6	391.2
37.5°	5799.7	5862.4	5674.1	4148.1	1835.0	1004.4	569.8	444.3	410.5	386.3	367.0
40°	6099.1	6214.9	6103.9	4360.6	1786.7	970.6	550.5	420.1	396.0	367.0	352.5
42.5°	6321.2	6456.4	6417.8	4524.8	1786.7	936.8	531.2	405.6	386.3	352.5	333.2
45°	6514.3	6654.4	6649.6	4693.8	1825.4	917.5	507.0	405.6	376.7	342.9	323.5
47.5°	6688.2	6828.2	6876.5	4906.3	1888.1	907.9	478.1	396.0	376.7	338.0	309.1
50°	6876.5	7031.1	7175.9	5244.3	1965.4	883.7	458.8	381.5	381.5	333.2	299.4
52.5°	7118.0	7291.8	7557.4	5664.4	2042.7	840.2	429.8	371.8	381.5	328.4	289.7
55°	7509.1	7654.0	8001.7	6166.7	2139.3	787.1	405.6	347.7	362.2	313.9	275.3
57.5°	7948.6	8074.1	8363.9	6553.0	2168.2	719.5	371.8	323.5	347.7	299.4	255.9
60°	8489.4	8552.2	8552.2	6664.0	2071.6	656.7	347.7	304.2	313.9	284.9	241.5
62.5°	8832.3	8832.3	8552.2	6461.2	1888.1	603.6	328.4	284.9	275.3	265.6	227.0
65°	8808.1	8769.5	8354.2	5872.1	1675.7	569.8	309.1	260.8	246.3	241.5	212.5
67.5°	8402.5	8334.9	7769.9	5041.5	1453.5	555.3	289.7	236.6	227.0	217.3	193.2
70°	7542.9	7369.1	6673.7	4056.4	1236.2	545.7	284.9	217.3	207.6	198.0	178.7
72.5°	6297.0	6074.9	5210.5	3119.5	1038.2	511.9	270.4	193.2	188.3	178.7	159.4
75°	4804.9	4394.4	3636.3	2385.5	806.4	444.3	231.8	169.0	169.0	164.2	144.9
77.5°	3312.7	3100.2	2535.2	1762.6	589.1	342.9	188.3	149.7	149.7	154.5	135.2
80°	2342.1	2144.1	1806.1	1265.2	371.8	231.8	144.9	125.6	140.0	149.7	125.6
82.5°	1791.6	1646.7	1342.5	922.3	217.3	159.4	111.1	101.4	120.7	130.4	106.2
85°	1245.9	1072.0	680.9	618.1	125.6	96.6	82.1	82.1	106.2	130.4	96.6
87.5°	352.5	149.7	43.5	183.5	53.1	38.6	29.0	19.3	29.0	29.0	19.3
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°	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9
2.5°	2994.0	2965.0	2965.0	2955.4	2960.2	2965.0	2960.2	2994.0	3008.5	3027.8	3066.4
5°	2298.6	2337.2	2308.3	2337.2	2375.9	2433.8	2448.3	2491.8	2496.6	2530.4	2511.1
7.5°	1704.6	1699.8	1675.7	1709.5	1815.7	1897.8	1936.4	1960.6	1965.4	1965.4	1941.3
10°	1443.9	1400.4	1357.0	1332.8	1342.5	1429.4	1458.4	1472.9	1463.2	1477.7	1458.4
12.5°	1236.2	1197.6	1134.8	1091.4	1062.4	1086.5	1115.5	1130.0	1139.6	1163.8	1183.1
15°	1004.4	965.8	927.2	903.0	878.9	859.6	883.7	898.2	922.3	941.7	951.3
17.5°	763.0	743.7	724.4	738.8	738.8	729.2	738.8	743.7	753.3	767.8	763.0
20°	618.1	613.3	608.5	632.6	651.9	651.9	661.6	647.1	642.3	627.8	622.9
22.5°	550.5	550.5	555.3	574.7	594.0	603.6	603.6	579.5	555.3	545.7	550.5
25°	511.9	511.9	526.4	531.2	540.9	540.9	545.7	521.5	507.0	492.6	497.4
27.5°	482.9	482.9	487.7	487.7	492.6	492.6	497.4	487.7	468.4	463.6	463.6
30°	463.6	463.6	458.8	458.8	458.8	458.8	463.6	449.1	439.4	434.6	434.6
32.5°	444.3	439.4	434.6	434.6	429.8	429.8	434.6	420.1	415.3	415.3	415.3
35°	386.3	381.5	386.3	396.0	396.0	400.8	400.8	396.0	386.3	376.7	371.8
37.5°	362.2	357.3	357.3	357.3	367.0	371.8	376.7	367.0	352.5	338.0	338.0
40°	342.9	342.9	338.0	338.0	338.0	347.7	357.3	342.9	323.5	318.7	318.7
42.5°	328.4	323.5	318.7	313.9	309.1	323.5	333.2	313.9	304.2	304.2	304.2
45°	313.9	309.1	304.2	299.4	294.6	299.4	309.1	289.7	284.9	284.9	284.9
47.5°	299.4	294.6	284.9	280.1	275.3	275.3	284.9	270.4	265.6	270.4	270.4
50°	289.7	280.1	270.4	265.6	260.8	260.8	260.8	255.9	255.9	255.9	260.8
52.5°	280.1	270.4	255.9	251.1	246.3	246.3	246.3	246.3	241.5	246.3	251.1
55°	265.6	255.9	246.3	241.5	236.6	231.8	236.6	231.8	231.8	236.6	236.6
57.5°	246.3	236.6	227.0	227.0	222.1	222.1	227.0	222.1	222.1	227.0	227.0
60°	231.8	222.1	212.5	212.5	207.6	212.5	217.3	212.5	212.5	212.5	217.3
62.5°	212.5	207.6	198.0	198.0	198.0	198.0	202.8	198.0	202.8	202.8	202.8
65°	198.0	188.3	183.5	183.5	183.5	183.5	193.2	183.5	188.3	188.3	188.3
67.5°	183.5	173.8	169.0	169.0	169.0	169.0	178.7	169.0	173.8	178.7	173.8
70°	169.0	159.4	154.5	154.5	154.5	154.5	159.4	154.5	154.5	159.4	159.4
72.5°	149.7	144.9	140.0	140.0	135.2	140.0	144.9	140.0	140.0	140.0	140.0
75°	135.2	130.4	130.4	125.6	125.6	125.6	130.4	120.7	120.7	120.7	120.7
77.5°	125.6	115.9	115.9	115.9	111.1	115.9	111.1	101.4	101.4	101.4	101.4
80°	106.2	96.6	101.4	101.4	96.6	96.6	91.8	82.1	82.1	82.1	82.1
82.5°	86.9	77.3	82.1	82.1	82.1	82.1	72.4	67.6	62.8	57.9	57.9
85°	77.3	62.8	72.4	72.4	67.6	67.6	48.3	48.3	38.6	38.6	33.8
87.5°	14.5	9.7	19.3	24.1	24.1	29.0	19.3	24.1	14.5	9.7	9.7
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°	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9
2.5°	3061.6	3114.7	3187.2	3240.3	3322.4	3385.1	3481.7	3563.8	3641.1	3674.9	3708.7
5°	2569.0	2602.8	2713.9	2800.8	2931.2	3071.3	3245.1	3433.4	3626.6	3713.5	3814.9
7.5°	1921.9	1984.7	2047.5	2173.1	2332.4	2559.4	2781.5	3061.6	3332.0	3462.4	3636.3
10°	1492.2	1540.5	1612.9	1743.3	1893.0	2081.3	2346.9	2680.1	3003.7	3172.7	3351.3
12.5°	1197.6	1265.2	1361.8	1497.0	1670.8	1864.0	2057.2	2366.2	2742.9	2936.0	3138.9
15°	970.6	1023.8	1130.0	1299.0	1501.8	1699.8	1902.6	2158.6	2569.0	2791.2	3032.6
17.5°	772.6	811.3	907.9	1076.9	1279.7	1501.8	1733.6	2057.2	2511.1	2781.5	3066.4
20°	627.8	656.7	719.5	845.1	1038.2	1279.7	1569.4	1960.6	2544.9	2892.6	3240.3
22.5°	550.5	560.2	589.1	656.7	816.1	1072.0	1419.7	1878.5	2607.7	3056.8	3525.2
25°	497.4	507.0	516.7	560.2	651.9	893.4	1289.3	1830.2	2742.9	3298.2	3853.6
27.5°	463.6	473.2	478.1	497.4	560.2	763.0	1178.3	1801.2	2926.4	3650.7	4259.2
30°	434.6	434.6	449.1	478.1	521.5	671.2	1081.7	1733.6	3119.5	3945.3	4577.9
32.5°	410.5	415.3	434.6	449.1	478.1	594.0	985.1	1646.7	3293.4	4186.8	4891.8
35°	367.0	367.0	371.8	396.0	434.6	531.2	898.2	1559.8	3390.0	4423.4	5171.9
37.5°	338.0	342.9	352.5	371.8	405.6	487.7	825.8	1463.2	3491.4	4645.5	5500.3
40°	318.7	323.5	333.2	352.5	386.3	449.1	763.0	1385.9	3597.6	4887.0	5852.8
42.5°	304.2	309.1	318.7	338.0	367.0	439.4	695.4	1323.2	3660.4	5109.1	6186.0
45°	289.7	294.6	309.1	328.4	352.5	429.8	656.7	1279.7	3684.5	5258.8	6451.6
47.5°	275.3	280.1	294.6	323.5	352.5	415.3	642.3	1255.5	3703.9	5427.8	6664.0
50°	260.8	270.4	289.7	318.7	357.3	396.0	632.6	1250.7	3814.9	5645.1	6866.9
52.5°	251.1	265.6	284.9	318.7	352.5	367.0	627.8	1265.2	4037.1	5968.7	7156.6
55°	241.5	255.9	275.3	318.7	338.0	342.9	603.6	1289.3	4375.1	6417.8	7567.1
57.5°	231.8	241.5	265.6	309.1	318.7	323.5	555.3	1323.2	4713.1	6857.2	7987.2
60°	217.3	227.0	251.1	309.1	289.7	304.2	492.6	1332.8	4954.6	6997.2	8025.8
62.5°	202.8	212.5	236.6	318.7	265.6	284.9	439.4	1299.0	5002.9	6794.4	7808.5
65°	188.3	198.0	217.3	265.6	246.3	265.6	405.6	1207.3	4843.5	6330.8	7412.5
67.5°	173.8	183.5	198.0	217.3	222.1	241.5	391.2	1062.4	4442.7	5756.2	6871.7
70°	154.5	164.2	178.7	193.2	198.0	227.0	367.0	922.3	3795.6	4988.4	6210.1
72.5°	140.0	144.9	159.4	169.0	178.7	207.6	352.5	806.4	2902.2	4037.1	5065.6
75°	120.7	120.7	135.2	144.9	154.5	183.5	323.5	671.2	2047.5	3080.9	3723.2
77.5°	101.4	101.4	111.1	120.7	130.4	159.4	275.3	545.7	1419.7	2443.5	2699.4
80°	77.3	77.3	86.9	96.6	106.2	135.2	222.1	400.8	878.9	1786.7	1965.4
82.5°	53.1	53.1	67.6	72.4	77.3	106.2	169.0	275.3	516.7	1289.3	1405.2
85°	29.0	29.0	38.6	43.5	53.1	77.3	125.6	193.2	309.1	932.0	936.8
87.5°	4.8	4.8	14.5	14.5	24.1	38.6	72.4	106.2	173.8	516.7	328.4
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: P598679  
 CATALOG NUMBER: IFLD-S-SA3A-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9	3447.9
2.5°	3771.5	3824.6	3829.4	3829.4	3805.3	3810.1	3742.5	3670.1	3645.9	3641.1
5°	3969.5	4109.5	4148.1	4167.4	4104.7	4008.1	3834.2	3645.9	3549.3	3534.8
7.5°	3930.8	4210.9	4360.6	4379.9	4254.4	4027.4	3723.2	3433.4	3322.4	3293.4
10°	3703.9	4080.5	4350.9	4418.6	4283.3	3993.6	3597.6	3259.6	3124.4	3100.2
12.5°	3544.5	3906.7	4172.3	4264.0	4201.2	3950.1	3534.8	3148.5	3013.3	2979.5
15°	3457.6	3790.8	3964.6	3993.6	3988.8	3882.5	3534.8	3172.7	3023.0	2984.3
17.5°	3530.0	3757.0	3781.1	3713.5	3752.1	3805.3	3612.1	3303.0	3158.2	3124.4
20°	3674.9	3742.5	3626.6	3525.2	3544.5	3713.5	3732.8	3549.3	3433.4	3375.5
22.5°	3979.1	3795.6	3530.0	3390.0	3404.5	3641.1	3892.2	3882.5	3781.1	3752.1
25°	4288.2	3945.3	3501.0	3336.9	3356.2	3626.6	4080.5	4254.4	4201.2	4186.8
27.5°	4631.0	4196.4	3520.4	3312.7	3336.9	3645.9	4210.9	4568.3	4577.9	4563.4
30°	4862.8	4317.1	3578.3	3341.7	3375.5	3694.2	4239.9	4756.6	4843.5	4848.3
32.5°	5056.0	4437.9	3699.0	3390.0	3447.9	3781.1	4317.1	4935.3	5128.4	5133.2
35°	5210.5	4573.1	3848.7	3476.9	3563.8	3926.0	4418.6	5104.3	5394.0	5427.8
37.5°	5408.5	4722.8	4022.6	3665.2	3761.8	4133.6	4597.2	5302.3	5707.9	5799.7
40°	5621.0	4872.5	4273.7	3969.5	4109.5	4442.7	4800.0	5524.4	5973.5	6099.1
42.5°	5857.6	5031.8	4558.6	4379.9	4592.4	4833.8	5031.8	5727.2	6176.3	6321.2
45°	6089.4	5225.0	4973.9	4940.1	5176.7	5297.4	5258.8	5872.1	6369.5	6514.3
47.5°	6253.6	5505.1	5476.1	5678.9	5901.1	5838.3	5524.4	5978.3	6528.8	6688.2
50°	6403.3	5852.8	6108.7	6504.7	6639.9	6427.4	5809.3	6123.2	6697.8	6876.5
52.5°	6625.4	6224.6	6760.6	7253.2	7383.6	7045.5	6118.4	6359.8	6958.6	7118.0
55°	7079.3	6644.7	7441.5	8006.5	8030.7	7610.5	6533.7	6760.6	7325.6	7509.1
57.5°	7586.4	7161.4	7982.4	8629.5	8619.8	8175.5	7002.1	7301.5	7823.0	7948.6
60°	8045.1	7683.0	8571.5	9073.7	9049.6	8586.0	7547.8	7914.8	8392.8	8489.4
62.5°	8315.6	8156.2	8832.3	9213.8	9122.0	8721.2	8011.3	8460.4	8798.5	8832.3
65°	8272.1	8426.6	8528.0	8764.7	8634.3	8344.5	8238.3	8808.1	8841.9	8808.1
67.5°	7943.7	8272.1	7692.6	7716.8	7649.2	7402.9	7885.8	8716.4	8484.6	8402.5
70°	7446.3	7470.5	6432.3	6128.0	6234.3	5896.2	6765.5	8001.7	7644.3	7542.9
72.5°	6620.6	6321.2	4862.8	4553.8	4713.1	4471.7	5427.8	6973.1	6625.4	6297.0
75°	5553.4	5007.7	3703.9	3264.4	3346.5	3336.9	4206.1	5761.0	5133.2	4804.9
77.5°	4302.7	3901.8	2733.2	2564.2	2477.3	2496.6	2936.0	4283.3	3723.2	3312.7
80°	3143.7	2728.4	2115.1	2211.7	2163.4	2047.5	2057.2	2868.4	2588.4	2342.1
82.5°	2173.1	1941.3	1714.3	1936.4	1820.5	1641.9	1603.2	2066.8	1941.3	1791.6
85°	1458.4	1598.4	1361.8	1482.5	1284.5	1183.1	1506.7	1728.8	1395.6	1245.9
87.5°	951.3	1463.2	980.3	743.7	425.0	569.8	922.3	1134.8	651.9	352.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)