

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: P598737

Luminaire Tested: **IFLD-S-SA3A-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598737  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-750-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

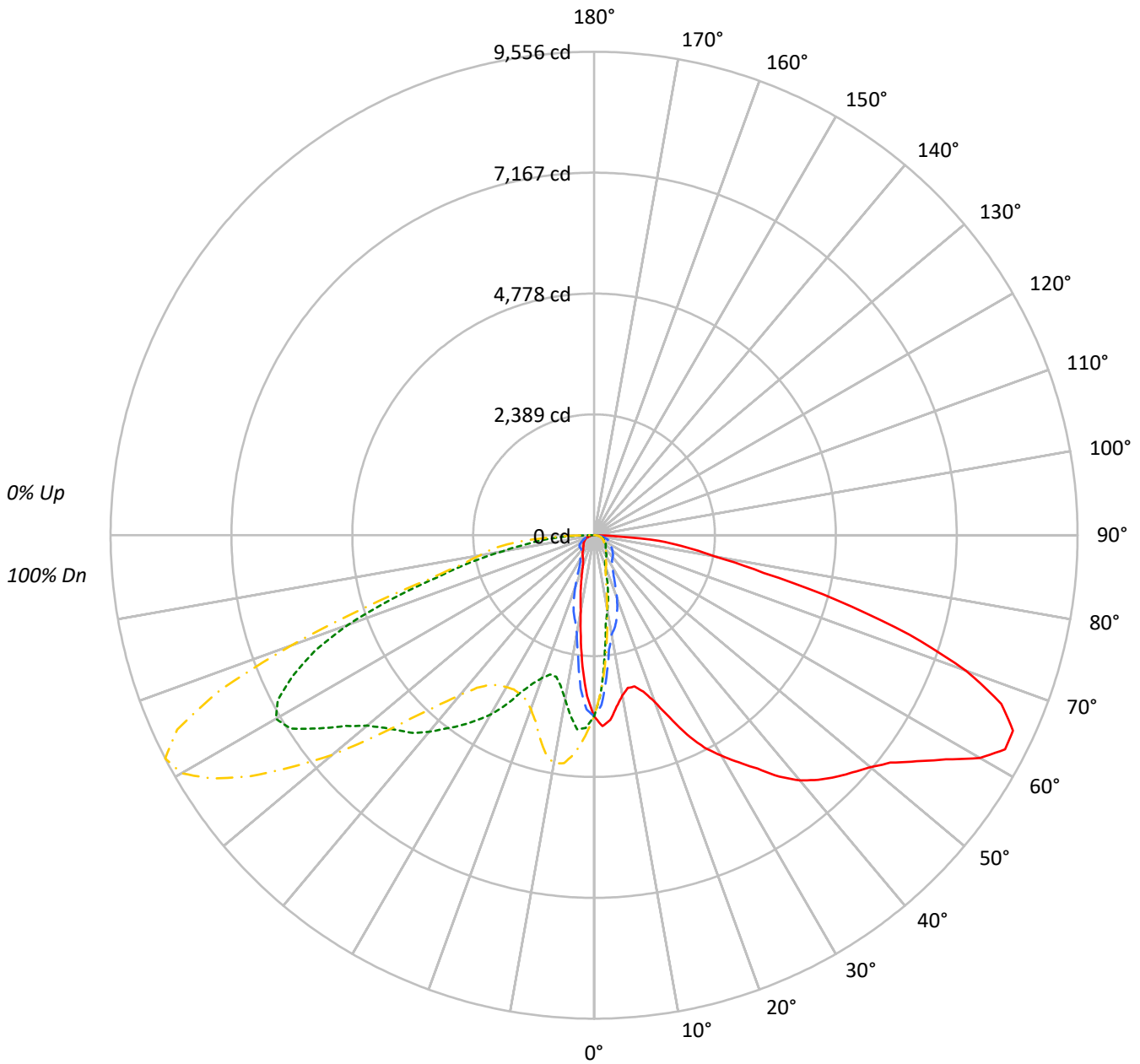
Lumens per Lamp: N/A  
 Luminaire Lumens: 11970.7 lumens  
 Efficiency: N/A  
 Efficacy: 126.3 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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	50	30	10	0				
RCR																															
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100													
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77													
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59													
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46													
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36													
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30													
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25													
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21													
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18													
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16													
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14													

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

	0°	90°	180°	270°
0°	51321	51321	51321	51321
5°	52815	34344	37519	55485
10°	46857	21823	22042	47952
15°	45988	15478	14659	43010
20°	53466	9791	9868	45817
25°	68760	8407	8168	54167
30°	83328	7968	7469	67808
35°	98626	7020	6756	80375
40°	118507	6662	6192	94955
45°	137126	6607	5998	110696
50°	159234	6709	6037	130719
55°	194864	6893	6140	166542
60°	252720	6900	6470	208300
65°	310220	6972	6632	222971
70°	328261	7356	6936	217091
75°	276326	7774	6943	177178
80°	200755	9108	7033	153149
85°	212769	13190	5780	159169

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	276.7	2.3
10°-20°	579.2	4.8
20°-30°	834.7	7.0
30°-40°	1201.6	10.0
40°-50°	1706.8	14.3
50°-60°	2453.8	20.5
60°-70°	2835.0	23.7
70°-80°	1605.2	13.4
80°-90°	477.7	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°	1690.6	14.1
0°-40°	2892.2	24.2
0°-60°	7052.8	58.9
0°-90°	11970.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11970.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3576	3576	3576	3576	3576	
5°	3666	2384	2604	3851	3666	333
15°	3095	1042	987	2895	3095	910
25°	4342	531	516	3421	4342	2015
35°	5629	401	386	4588	5629	3573
45°	6756	326	296	5454	6756	5231
55°	7788	276	245	6656	7788	7053
65°	9135	205	195	6566	9135	8760
75°	4983	140	125	3195	4983	5287
85°	1292	80	35	967	1292	1287
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°	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9
2.5°	3776.2	3771.2	3741.1	3646.0	3545.8	3450.7	3360.5	3265.4	3215.3	3155.2	3130.1
5°	3666.0	3656.0	3570.9	3360.5	3175.2	2974.9	2804.6	2669.4	2559.2	2449.0	2409.0
7.5°	3415.6	3400.6	3300.4	3009.9	2739.5	2479.1	2273.7	2098.4	1953.2	1888.1	1813.0
10°	3215.3	3190.2	3060.0	2739.5	2388.9	2128.5	1993.3	1873.1	1747.9	1642.7	1532.5
12.5°	3090.1	3060.0	2924.8	2549.2	2208.6	2013.3	1873.1	1737.9	1582.6	1452.4	1332.2
15°	3095.1	3060.0	2894.7	2499.1	2163.5	1913.1	1717.8	1532.5	1352.2	1207.0	1071.8
17.5°	3240.3	3195.2	3020.0	2569.2	2128.5	1782.9	1522.5	1282.1	1076.8	921.5	811.3
20°	3500.7	3470.7	3270.4	2674.4	2093.4	1642.7	1322.2	1031.7	816.3	696.1	651.1
22.5°	3891.4	3856.3	3641.0	2834.7	2083.4	1517.5	1106.8	811.3	656.1	606.0	581.0
25°	4342.1	4277.0	4076.7	3105.1	2103.5	1402.3	931.5	671.1	586.0	550.9	535.9
27.5°	4732.8	4692.7	4467.3	3360.5	2113.5	1312.2	811.3	611.0	545.9	515.8	505.8
30°	5028.2	5013.2	4792.9	3641.0	2088.4	1202.0	736.2	586.0	545.9	515.8	485.8
32.5°	5323.7	5328.7	5093.4	3856.3	2053.4	1106.8	666.1	520.9	480.8	460.8	465.8
35°	5629.2	5654.3	5453.9	4066.7	1978.2	1071.8	616.0	485.8	450.7	420.7	405.7
37.5°	6014.9	6080.0	5884.7	4302.1	1903.1	1041.7	591.0	460.8	425.7	400.7	380.6
40°	6325.4	6445.6	6330.4	4522.4	1853.0	1006.7	570.9	435.7	410.7	380.6	365.6
42.5°	6555.8	6696.0	6655.9	4692.7	1853.0	971.6	550.9	420.7	400.7	365.6	345.6
45°	6756.1	6901.3	6896.3	4868.0	1893.1	951.6	525.9	420.7	390.6	355.6	335.6
47.5°	6936.4	7081.6	7131.7	5088.3	1958.2	941.5	495.8	410.7	390.6	350.6	320.5
50°	7131.7	7292.0	7442.2	5438.9	2038.3	916.5	475.8	395.6	395.6	345.6	310.5
52.5°	7382.1	7562.4	7837.9	5874.6	2118.5	871.4	445.7	385.6	395.6	340.6	300.5
55°	7787.8	7938.0	8298.6	6395.5	2218.6	816.3	420.7	360.6	375.6	325.5	285.5
57.5°	8243.5	8373.7	8674.2	6796.1	2248.7	746.2	385.6	335.6	360.6	310.5	265.4
60°	8804.4	8869.6	8869.6	6911.3	2148.5	681.1	360.6	315.5	325.5	295.5	250.4
62.5°	9160.0	9160.0	8869.6	6701.0	1958.2	626.0	340.6	295.5	285.5	275.5	235.4
65°	9135.0	9094.9	8664.2	6090.0	1737.9	591.0	320.5	270.4	255.4	250.4	220.4
67.5°	8714.3	8644.2	8058.2	5228.6	1507.5	575.9	300.5	245.4	235.4	225.4	200.3
70°	7822.8	7642.5	6921.4	4206.9	1282.1	565.9	295.5	225.4	215.4	205.3	185.3
72.5°	6530.7	6300.3	5403.9	3235.3	1076.8	530.9	280.5	200.3	195.3	185.3	165.3
75°	4983.2	4557.5	3771.2	2474.1	836.4	460.8	240.4	175.3	175.3	170.3	150.2
77.5°	3435.6	3215.3	2629.3	1828.0	611.0	355.6	195.3	155.3	155.3	160.3	140.2
80°	2429.0	2223.6	1873.1	1312.2	385.6	240.4	150.2	130.2	145.2	155.3	130.2
82.5°	1858.0	1707.8	1392.3	956.6	225.4	165.3	115.2	105.2	125.2	135.2	110.2
85°	1292.1	1111.8	706.2	641.1	130.2	100.2	85.1	85.1	110.2	135.2	100.2
87.5°	365.6	155.3	45.1	190.3	55.1	40.1	30.0	20.0	30.0	30.0	20.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9
2.5°	3105.1	3075.0	3075.0	3065.0	3070.0	3075.0	3070.0	3105.1	3120.1	3140.2	3180.2
5°	2383.9	2424.0	2393.9	2424.0	2464.0	2524.1	2539.2	2584.2	2589.2	2624.3	2604.3
7.5°	1767.9	1762.9	1737.9	1772.9	1883.1	1968.2	2008.3	2033.3	2038.3	2038.3	2013.3
10°	1497.5	1452.4	1407.3	1382.3	1392.3	1482.4	1512.5	1527.5	1517.5	1532.5	1512.5
12.5°	1282.1	1242.0	1176.9	1131.9	1101.8	1126.8	1156.9	1171.9	1181.9	1207.0	1227.0
15°	1041.7	1001.6	961.6	936.5	911.5	891.5	916.5	931.5	956.6	976.6	986.6
17.5°	791.3	771.3	751.2	766.3	766.3	756.2	766.3	771.3	781.3	796.3	791.3
20°	641.1	636.0	631.0	656.1	676.1	676.1	686.1	671.1	666.1	651.1	646.1
22.5°	570.9	570.9	575.9	596.0	616.0	626.0	626.0	601.0	575.9	565.9	570.9
25°	530.9	530.9	545.9	550.9	560.9	560.9	565.9	540.9	525.9	510.8	515.8
27.5°	500.8	500.8	505.8	505.8	510.8	510.8	515.8	505.8	485.8	480.8	480.8
30°	480.8	480.8	475.8	475.8	475.8	475.8	480.8	465.8	455.7	450.7	450.7
32.5°	460.8	455.7	450.7	450.7	445.7	445.7	450.7	435.7	430.7	430.7	430.7
35°	400.7	395.6	400.7	410.7	410.7	415.7	415.7	410.7	400.7	390.6	385.6
37.5°	375.6	370.6	370.6	370.6	380.6	385.6	390.6	380.6	365.6	350.6	350.6
40°	355.6	355.6	350.6	350.6	350.6	360.6	370.6	355.6	335.6	330.5	330.5
42.5°	340.6	335.6	330.5	325.5	320.5	335.6	345.6	325.5	315.5	315.5	315.5
45°	325.5	320.5	315.5	310.5	305.5	310.5	320.5	300.5	295.5	295.5	295.5
47.5°	310.5	305.5	295.5	290.5	285.5	285.5	295.5	280.5	275.5	280.5	280.5
50°	300.5	290.5	280.5	275.5	270.4	270.4	270.4	265.4	265.4	265.4	270.4
52.5°	290.5	280.5	265.4	260.4	255.4	255.4	255.4	255.4	250.4	255.4	260.4
55°	275.5	265.4	255.4	250.4	245.4	240.4	245.4	240.4	240.4	245.4	245.4
57.5°	255.4	245.4	235.4	235.4	230.4	230.4	235.4	230.4	230.4	235.4	235.4
60°	240.4	230.4	220.4	220.4	215.4	220.4	225.4	220.4	220.4	220.4	225.4
62.5°	220.4	215.4	205.3	205.3	205.3	205.3	210.3	205.3	210.3	210.3	210.3
65°	205.3	195.3	190.3	190.3	190.3	190.3	200.3	190.3	195.3	195.3	195.3
67.5°	190.3	180.3	175.3	175.3	175.3	175.3	185.3	175.3	180.3	185.3	180.3
70°	175.3	165.3	160.3	160.3	160.3	160.3	165.3	160.3	160.3	165.3	165.3
72.5°	155.3	150.2	145.2	145.2	140.2	145.2	150.2	145.2	145.2	145.2	145.2
75°	140.2	135.2	135.2	130.2	130.2	130.2	135.2	125.2	125.2	125.2	125.2
77.5°	130.2	120.2	120.2	120.2	115.2	120.2	115.2	105.2	105.2	105.2	105.2
80°	110.2	100.2	105.2	105.2	100.2	100.2	95.2	85.1	85.1	85.1	85.1
82.5°	90.1	80.1	85.1	85.1	85.1	85.1	75.1	70.1	65.1	60.1	60.1
85°	80.1	65.1	75.1	75.1	70.1	70.1	50.1	50.1	40.1	40.1	35.1
87.5°	15.0	10.0	20.0	25.0	25.0	30.0	20.0	25.0	15.0	10.0	10.0
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°	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9
2.5°	3175.2	3230.3	3305.4	3360.5	3445.7	3510.8	3610.9	3696.1	3776.2	3811.3	3846.3
5°	2664.4	2699.4	2814.6	2904.8	3040.0	3185.2	3365.5	3560.8	3761.2	3851.3	3956.5
7.5°	1993.3	2058.4	2123.5	2253.7	2419.0	2654.4	2884.7	3175.2	3455.7	3590.9	3771.2
10°	1547.5	1597.6	1672.7	1808.0	1963.2	2158.5	2434.0	2779.6	3115.1	3290.4	3475.7
12.5°	1242.0	1312.2	1412.3	1552.5	1732.8	1933.2	2133.5	2454.0	2844.7	3045.0	3255.3
15°	1006.7	1061.7	1171.9	1347.2	1557.6	1762.9	1973.2	2238.7	2664.4	2894.7	3145.2
17.5°	801.3	841.4	941.5	1116.8	1327.2	1557.6	1797.9	2133.5	2604.3	2884.7	3180.2
20°	651.1	681.1	746.2	876.4	1076.8	1327.2	1627.7	2033.3	2639.3	2999.9	3360.5
22.5°	570.9	581.0	611.0	681.1	846.4	1111.8	1472.4	1948.2	2704.4	3170.2	3656.0
25°	515.8	525.9	535.9	581.0	676.1	926.5	1337.2	1898.1	2844.7	3420.6	3996.6
27.5°	480.8	490.8	495.8	515.8	581.0	791.3	1222.0	1868.1	3035.0	3786.2	4417.2
30°	450.7	450.7	465.8	495.8	540.9	696.1	1121.8	1797.9	3235.3	4091.7	4747.8
32.5°	425.7	430.7	450.7	465.8	495.8	616.0	1021.7	1707.8	3415.6	4342.1	5073.3
35°	380.6	380.6	385.6	410.7	450.7	550.9	931.5	1617.7	3515.8	4587.5	5363.8
37.5°	350.6	355.6	365.6	385.6	420.7	505.8	856.4	1517.5	3620.9	4817.9	5704.4
40°	330.5	335.6	345.6	365.6	400.7	465.8	791.3	1437.4	3731.1	5068.3	6070.0
42.5°	315.5	320.5	330.5	350.6	380.6	455.7	721.2	1372.3	3796.2	5298.7	6415.5
45°	300.5	305.5	320.5	340.6	365.6	445.7	681.1	1327.2	3821.3	5453.9	6691.0
47.5°	285.5	290.5	305.5	335.6	365.6	430.7	666.1	1302.1	3841.3	5629.2	6911.3
50°	270.4	280.5	300.5	330.5	370.6	410.7	656.1	1297.1	3956.5	5854.6	7121.7
52.5°	260.4	275.5	295.5	330.5	365.6	380.6	651.1	1312.2	4186.9	6190.2	7422.2
55°	250.4	265.4	285.5	330.5	350.6	355.6	626.0	1337.2	4537.4	6655.9	7847.9
57.5°	240.4	250.4	275.5	320.5	330.5	335.6	575.9	1372.3	4888.0	7111.7	8283.6
60°	225.4	235.4	260.4	320.5	300.5	315.5	510.8	1382.3	5138.4	7256.9	8323.7
62.5°	210.3	220.4	245.4	330.5	275.5	295.5	455.7	1347.2	5188.5	7046.6	8098.3
65°	195.3	205.3	225.4	275.5	255.4	275.5	420.7	1252.1	5023.2	6565.8	7687.6
67.5°	180.3	190.3	205.3	225.4	230.4	250.4	405.7	1101.8	4607.6	5969.8	7126.7
70°	160.3	170.3	185.3	200.3	205.3	235.4	380.6	956.6	3936.5	5173.5	6440.6
72.5°	145.2	150.2	165.3	175.3	185.3	215.4	365.6	836.4	3009.9	4186.9	5253.6
75°	125.2	125.2	140.2	150.2	160.3	190.3	335.6	696.1	2123.5	3195.2	3861.3
77.5°	105.2	105.2	115.2	125.2	135.2	165.3	285.5	565.9	1472.4	2534.2	2799.6
80°	80.1	80.1	90.1	100.2	110.2	140.2	230.4	415.7	911.5	1853.0	2038.3
82.5°	55.1	55.1	70.1	75.1	80.1	110.2	175.3	285.5	535.9	1337.2	1457.4
85°	30.0	30.0	40.1	45.1	55.1	80.1	130.2	200.3	320.5	966.6	971.6
87.5°	5.0	5.0	15.0	15.0	25.0	40.1	75.1	110.2	180.3	535.9	340.6
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: P598737  
 CATALOG NUMBER: IFLD-S-SA3A-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9	3575.9
2.5°	3911.4	3966.5	3971.5	3971.5	3946.5	3951.5	3881.4	3806.2	3781.2	3776.2
5°	4116.8	4262.0	4302.1	4322.1	4257.0	4156.8	3976.5	3781.2	3681.0	3666.0
7.5°	4076.7	4367.2	4522.4	4542.5	4412.2	4176.9	3861.3	3560.8	3445.7	3415.6
10°	3841.3	4231.9	4512.4	4582.5	4442.3	4141.8	3731.1	3380.5	3240.3	3215.3
12.5°	3676.0	4051.6	4327.1	4422.3	4357.1	4096.7	3666.0	3265.4	3125.1	3090.1
15°	3585.9	3931.4	4111.7	4141.8	4136.8	4026.6	3666.0	3290.4	3135.1	3095.1
17.5°	3661.0	3896.4	3921.4	3851.3	3891.4	3946.5	3746.1	3425.6	3275.4	3240.3
20°	3811.3	3881.4	3761.2	3656.0	3676.0	3851.3	3871.4	3681.0	3560.8	3500.7
22.5°	4126.8	3936.5	3661.0	3515.8	3530.8	3776.2	4036.6	4026.6	3921.4	3891.4
25°	4447.3	4091.7	3631.0	3460.7	3480.7	3761.2	4231.9	4412.2	4357.1	4342.1
27.5°	4802.9	4352.1	3651.0	3435.6	3460.7	3781.2	4367.2	4737.8	4747.8	4732.8
30°	5043.3	4477.3	3711.1	3465.7	3500.7	3831.3	4397.2	4933.1	5023.2	5028.2
32.5°	5243.6	4602.6	3836.3	3515.8	3575.9	3921.4	4477.3	5118.4	5318.7	5323.7
35°	5403.9	4742.8	3991.5	3605.9	3696.1	4071.7	4582.5	5293.7	5594.2	5629.2
37.5°	5609.2	4898.0	4171.8	3801.2	3901.4	4287.0	4767.8	5499.0	5919.7	6014.9
40°	5829.6	5053.3	4432.3	4116.8	4262.0	4607.6	4978.2	5729.4	6195.2	6325.4
42.5°	6075.0	5218.6	4727.8	4542.5	4762.8	5013.2	5218.6	5939.7	6405.5	6555.8
45°	6315.4	5418.9	5158.5	5123.4	5368.8	5494.0	5453.9	6090.0	6605.8	6756.1
47.5°	6485.6	5709.4	5679.3	5889.7	6120.0	6054.9	5729.4	6200.2	6771.1	6936.4
50°	6640.9	6070.0	6335.4	6746.1	6886.3	6665.9	6024.9	6350.4	6946.4	7131.7
52.5°	6871.3	6455.6	7011.5	7522.3	7657.6	7307.0	6345.4	6595.8	7216.8	7382.1
55°	7342.0	6891.3	7717.7	8303.6	8328.7	7892.9	6776.1	7011.5	7597.5	7787.8
57.5°	7867.9	7427.2	8278.6	8949.7	8939.7	8478.9	7261.9	7572.4	8113.3	8243.5
60°	8343.7	7968.1	8889.6	9410.4	9385.4	8904.6	7827.8	8208.5	8704.3	8804.4
62.5°	8624.1	8458.9	9160.0	9555.7	9460.5	9044.8	8308.6	8774.4	9125.0	9160.0
65°	8579.1	8739.3	8844.5	9089.9	8954.7	8654.2	8544.0	9135.0	9170.0	9135.0
67.5°	8238.5	8579.1	7978.1	8003.1	7933.0	7677.6	8178.4	9039.8	8799.4	8714.3
70°	7722.7	7747.7	6670.9	6355.4	6465.6	6115.0	7016.5	8298.6	7928.0	7822.8
72.5°	6866.3	6555.8	5043.3	4722.7	4888.0	4637.6	5629.2	7231.9	6871.3	6530.7
75°	5759.4	5193.5	3841.3	3385.6	3470.7	3460.7	4362.2	5974.8	5323.7	4983.2
77.5°	4462.3	4046.6	2834.7	2659.4	2569.2	2589.2	3045.0	4442.3	3861.3	3435.6
80°	3260.3	2829.6	2193.6	2293.8	2243.7	2123.5	2133.5	2974.9	2684.4	2429.0
82.5°	2253.7	2013.3	1777.9	2008.3	1888.1	1702.8	1662.7	2143.5	2013.3	1858.0
85°	1512.5	1657.7	1412.3	1537.5	1332.2	1227.0	1562.6	1792.9	1447.4	1292.1
87.5°	986.6	1517.5	1016.7	771.3	440.7	591.0	956.6	1176.9	676.1	365.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)