

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: P598621

Luminaire Tested: **IFLD-S-SA3A-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598621  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-727-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

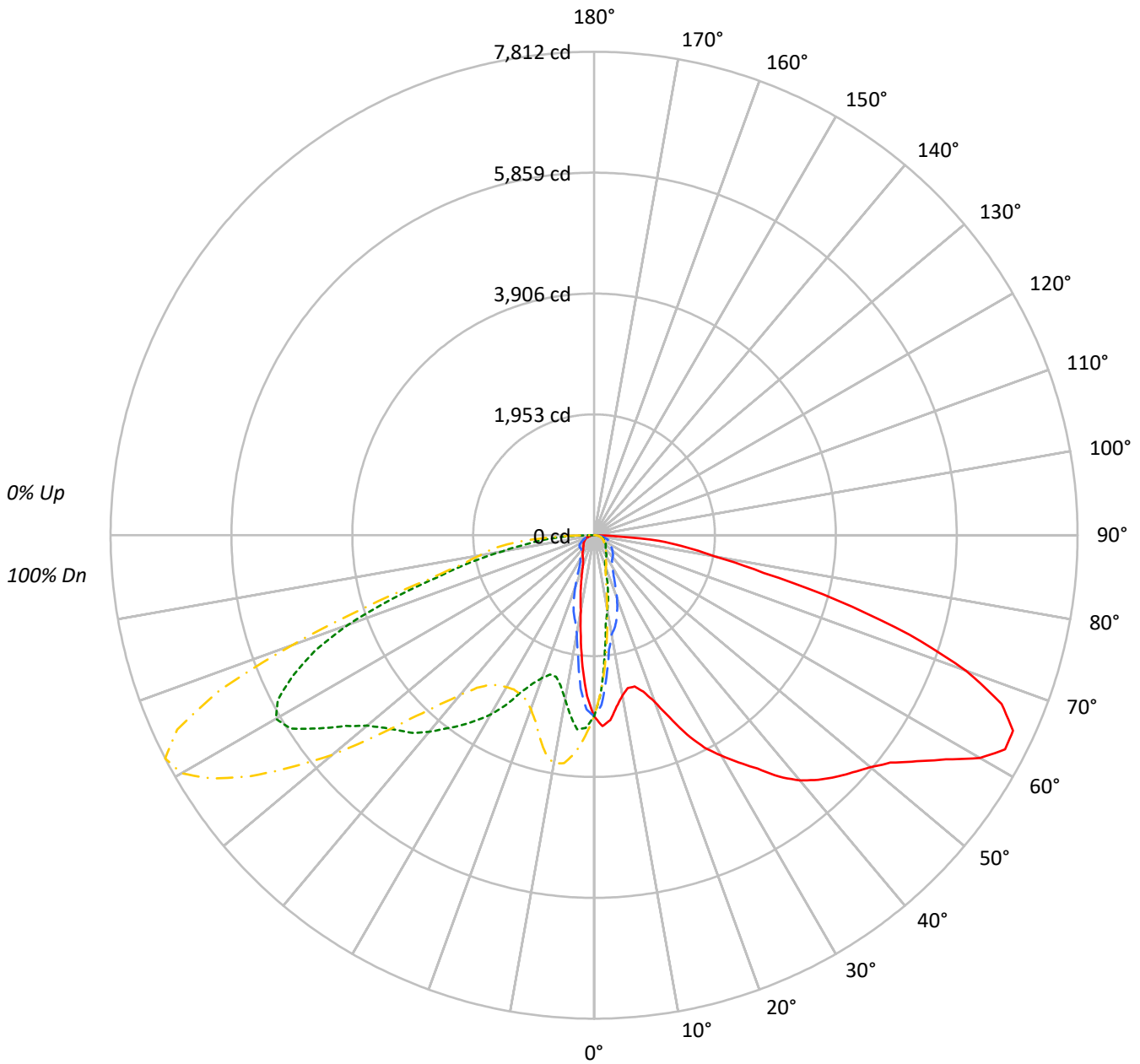
Lumens per Lamp: N/A  
 Luminaire Lumens: 9787.0 lumens  
 Efficiency: N/A  
 Efficacy: 103.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

	0°	90°	180°	270°
0°	41958	41958	41958	41958
5°	43181	28079	30675	45364
10°	38309	17842	18021	39205
15°	37599	12655	11985	35165
20°	43713	8005	8067	37460
25°	56216	6873	6678	44286
30°	68128	6515	6107	55439
35°	80634	5740	5524	65714
40°	96888	5446	5062	77632
45°	112110	5401	4904	90503
50°	130185	5486	4937	106873
55°	159316	5635	5019	136161
60°	206618	5640	5290	170302
65°	253630	5702	5423	182294
70°	268381	6013	5669	177487
75°	225915	6355	5678	144861
80°	164133	7447	5752	125214
85°	173957	10786	4726	130138

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	226.3	2.3
10°-20°	473.5	4.8
20°-30°	682.4	7.0
30°-40°	982.4	10.0
40°-50°	1395.4	14.3
50°-60°	2006.2	20.5
60°-70°	2317.8	23.7
70°-80°	1312.4	13.4
80°-90°	390.6	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°	1382.2	14.1
0°-40°	2364.6	24.2
0°-60°	5766.2	58.9
0°-90°	9787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9787.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2924	2924	2924	2924	2924	
5°	2997	1949	2129	3149	2997	272
15°	2530	852	807	2367	2530	744
25°	3550	434	422	2797	3550	1648
35°	4602	328	315	3751	4602	2921
45°	5524	266	242	4459	5524	4277
55°	6367	225	201	5442	6367	5766
65°	7469	168	160	5368	7469	7162
75°	4074	115	102	2612	4074	4323
85°	1056	66	29	790	1056	1052
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°	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5
2.5°	3087.3	3083.2	3058.7	2980.9	2899.0	2821.2	2747.5	2669.7	2628.7	2579.6	2559.1
5°	2997.3	2989.1	2919.5	2747.5	2596.0	2432.2	2293.0	2182.4	2092.3	2002.3	1969.5
7.5°	2792.5	2780.2	2698.3	2460.9	2239.7	2026.8	1859.0	1715.6	1596.9	1543.7	1482.2
10°	2628.7	2608.3	2501.8	2239.7	1953.1	1740.2	1629.7	1531.4	1429.0	1343.0	1252.9
12.5°	2526.4	2501.8	2391.2	2084.2	1805.7	1646.0	1531.4	1420.8	1293.9	1187.4	1089.2
15°	2530.5	2501.8	2366.7	2043.2	1768.9	1564.1	1404.4	1252.9	1105.5	986.8	876.2
17.5°	2649.2	2612.4	2469.0	2100.5	1740.2	1457.7	1244.8	1048.2	880.3	753.4	663.3
20°	2862.1	2837.6	2673.8	2186.5	1711.5	1343.0	1081.0	843.5	667.4	569.2	532.3
22.5°	3181.5	3152.8	2976.8	2317.5	1703.4	1240.7	904.9	663.3	536.4	495.4	475.0
25°	3550.0	3496.8	3333.0	2538.7	1719.7	1146.5	761.6	548.7	479.1	450.4	438.1
27.5°	3869.4	3836.6	3652.4	2747.5	1727.9	1072.8	663.3	499.5	446.3	421.7	413.6
30°	4111.0	4098.7	3918.5	2976.8	1707.5	982.7	601.9	479.1	446.3	421.7	397.2
32.5°	4352.6	4356.7	4164.2	3152.8	1678.8	904.9	544.6	425.8	393.1	376.7	380.8
35°	4602.3	4622.8	4459.0	3324.8	1617.4	876.2	503.6	397.2	368.5	343.9	331.7
37.5°	4917.6	4970.9	4811.2	3517.3	1555.9	851.7	483.2	376.7	348.0	327.6	311.2
40°	5171.5	5269.8	5175.6	3697.4	1515.0	823.0	466.8	356.2	335.8	311.2	298.9
42.5°	5359.8	5474.5	5441.7	3836.6	1515.0	794.4	450.4	343.9	327.6	298.9	282.5
45°	5523.6	5642.4	5638.3	3980.0	1547.8	778.0	429.9	343.9	319.4	290.7	274.3
47.5°	5671.0	5789.8	5830.7	4160.1	1601.0	769.8	405.4	335.8	319.4	286.6	262.1
50°	5830.7	5961.7	6084.6	4446.7	1666.5	749.3	389.0	323.5	323.5	282.5	253.9
52.5°	6035.4	6182.9	6408.1	4803.0	1732.0	712.5	364.4	315.3	323.5	278.4	245.7
55°	6367.1	6489.9	6784.8	5228.8	1813.9	667.4	343.9	294.8	307.1	266.1	233.4
57.5°	6739.7	6846.2	7091.9	5556.4	1838.5	610.1	315.3	274.3	294.8	253.9	217.0
60°	7198.3	7251.5	7251.5	5650.6	1756.6	556.9	294.8	258.0	266.1	241.6	204.7
62.5°	7489.0	7489.0	7251.5	5478.6	1601.0	511.8	278.4	241.6	233.4	225.2	192.4
65°	7468.6	7435.8	7083.7	4979.0	1420.8	483.2	262.1	221.1	208.8	204.7	180.2
67.5°	7124.6	7067.3	6588.2	4274.8	1232.5	470.9	245.7	200.6	192.4	184.3	163.8
70°	6395.8	6248.4	5658.7	3439.5	1048.2	462.7	241.6	184.3	176.1	167.9	151.5
72.5°	5339.4	5151.0	4418.1	2645.1	880.3	434.0	229.3	163.8	159.7	151.5	135.1
75°	4074.1	3726.1	3083.2	2022.7	683.8	376.7	196.5	143.3	143.3	139.2	122.8
77.5°	2808.9	2628.7	2149.7	1494.5	499.5	290.7	159.7	126.9	126.9	131.0	114.6
80°	1985.9	1818.0	1531.4	1072.8	315.3	196.5	122.8	106.5	118.7	126.9	106.5
82.5°	1519.1	1396.3	1138.3	782.1	184.3	135.1	94.2	86.0	102.4	110.6	90.1
85°	1056.4	909.0	577.3	524.1	106.5	81.9	69.6	69.6	90.1	110.6	81.9
87.5°	298.9	126.9	36.9	155.6	45.0	32.8	24.6	16.4	24.6	24.6	16.4
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°	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5
2.5°	2538.7	2514.1	2514.1	2505.9	2510.0	2514.1	2510.0	2538.7	2550.9	2567.3	2600.1
5°	1949.0	1981.8	1957.2	1981.8	2014.5	2063.7	2076.0	2112.8	2116.9	2145.6	2129.2
7.5°	1445.4	1441.3	1420.8	1449.5	1539.6	1609.2	1641.9	1662.4	1666.5	1666.5	1646.0
10°	1224.3	1187.4	1150.6	1130.1	1138.3	1212.0	1236.6	1248.9	1240.7	1252.9	1236.6
12.5°	1048.2	1015.5	962.2	925.4	900.8	921.3	945.9	958.1	966.3	986.8	1003.2
15°	851.7	818.9	786.2	765.7	745.2	728.8	749.3	761.6	782.1	798.4	806.6
17.5°	646.9	630.6	614.2	626.5	626.5	618.3	626.5	630.6	638.8	651.0	646.9
20°	524.1	520.0	515.9	536.4	552.8	552.8	561.0	548.7	544.6	532.3	528.2
22.5°	466.8	466.8	470.9	487.3	503.6	511.8	511.8	491.4	470.9	462.7	466.8
25°	434.0	434.0	446.3	450.4	458.6	458.6	462.7	442.2	429.9	417.6	421.7
27.5°	409.5	409.5	413.6	413.6	417.6	417.6	421.7	413.6	397.2	393.1	393.1
30°	393.1	393.1	389.0	389.0	389.0	389.0	393.1	380.8	372.6	368.5	368.5
32.5°	376.7	372.6	368.5	368.5	364.4	364.4	368.5	356.2	352.1	352.1	352.1
35°	327.6	323.5	327.6	335.8	335.8	339.9	339.9	335.8	327.6	319.4	315.3
37.5°	307.1	303.0	303.0	303.0	311.2	315.3	319.4	311.2	298.9	286.6	286.6
40°	290.7	290.7	286.6	286.6	286.6	294.8	303.0	290.7	274.3	270.2	270.2
42.5°	278.4	274.3	270.2	266.1	262.1	274.3	282.5	266.1	258.0	258.0	258.0
45°	266.1	262.1	258.0	253.9	249.8	253.9	262.1	245.7	241.6	241.6	241.6
47.5°	253.9	249.8	241.6	237.5	233.4	233.4	241.6	229.3	225.2	229.3	229.3
50°	245.7	237.5	229.3	225.2	221.1	221.1	221.1	217.0	217.0	217.0	221.1
52.5°	237.5	229.3	217.0	212.9	208.8	208.8	208.8	208.8	204.7	208.8	212.9
55°	225.2	217.0	208.8	204.7	200.6	196.5	200.6	196.5	196.5	200.6	200.6
57.5°	208.8	200.6	192.4	192.4	188.4	188.4	192.4	188.4	188.4	192.4	192.4
60°	196.5	188.4	180.2	180.2	176.1	180.2	184.3	180.2	180.2	180.2	184.3
62.5°	180.2	176.1	167.9	167.9	167.9	167.9	172.0	167.9	172.0	172.0	172.0
65°	167.9	159.7	155.6	155.6	155.6	155.6	163.8	155.6	159.7	159.7	159.7
67.5°	155.6	147.4	143.3	143.3	143.3	143.3	151.5	143.3	147.4	151.5	147.4
70°	143.3	135.1	131.0	131.0	131.0	131.0	135.1	131.0	131.0	135.1	135.1
72.5°	126.9	122.8	118.7	118.7	114.6	118.7	122.8	118.7	118.7	118.7	118.7
75°	114.6	110.6	110.6	106.5	106.5	106.5	110.6	102.4	102.4	102.4	102.4
77.5°	106.5	98.3	98.3	98.3	94.2	98.3	94.2	86.0	86.0	86.0	86.0
80°	90.1	81.9	86.0	86.0	81.9	81.9	77.8	69.6	69.6	69.6	69.6
82.5°	73.7	65.5	69.6	69.6	69.6	69.6	61.4	57.3	53.2	49.1	49.1
85°	65.5	53.2	61.4	61.4	57.3	57.3	40.9	40.9	32.8	32.8	28.7
87.5°	12.3	8.2	16.4	20.5	20.5	24.6	16.4	20.5	12.3	8.2	8.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5
2.5°	2596.0	2641.0	2702.4	2747.5	2817.1	2870.3	2952.2	3021.8	3087.3	3116.0	3144.7
5°	2178.3	2207.0	2301.2	2374.9	2485.4	2604.2	2751.6	2911.3	3075.0	3148.8	3234.7
7.5°	1629.7	1682.9	1736.1	1842.6	1977.7	2170.1	2358.5	2596.0	2825.3	2935.8	3083.2
10°	1265.2	1306.2	1367.6	1478.2	1605.1	1764.8	1990.0	2272.5	2546.8	2690.2	2841.7
12.5°	1015.5	1072.8	1154.7	1269.3	1416.7	1580.5	1744.3	2006.4	2325.7	2489.5	2661.5
15°	823.0	868.1	958.1	1101.4	1273.4	1441.3	1613.3	1830.3	2178.3	2366.7	2571.4
17.5°	655.1	687.9	769.8	913.1	1085.1	1273.4	1470.0	1744.3	2129.2	2358.5	2600.1
20°	532.3	556.9	610.1	716.6	880.3	1085.1	1330.7	1662.4	2157.9	2452.7	2747.5
22.5°	466.8	475.0	499.5	556.9	692.0	909.0	1203.8	1592.8	2211.1	2591.9	2989.1
25°	421.7	429.9	438.1	475.0	552.8	757.5	1093.3	1551.9	2325.7	2796.6	3267.5
27.5°	393.1	401.3	405.4	421.7	475.0	646.9	999.1	1527.3	2481.3	3095.5	3611.4
30°	368.5	368.5	380.8	405.4	442.2	569.2	917.2	1470.0	2645.1	3345.3	3881.7
32.5°	348.0	352.1	368.5	380.8	405.4	503.6	835.3	1396.3	2792.5	3550.0	4147.8
35°	311.2	311.2	315.3	335.8	368.5	450.4	761.6	1322.6	2874.4	3750.7	4385.3
37.5°	286.6	290.7	298.9	315.3	343.9	413.6	700.2	1240.7	2960.4	3939.0	4663.8
40°	270.2	274.3	282.5	298.9	327.6	380.8	646.9	1175.2	3050.5	4143.7	4962.7
42.5°	258.0	262.1	270.2	286.6	311.2	372.6	589.6	1121.9	3103.7	4332.1	5245.2
45°	245.7	249.8	262.1	278.4	298.9	364.4	556.9	1085.1	3124.2	4459.0	5470.4
47.5°	233.4	237.5	249.8	274.3	298.9	352.1	544.6	1064.6	3140.6	4602.3	5650.6
50°	221.1	229.3	245.7	270.2	303.0	335.8	536.4	1060.5	3234.7	4786.6	5822.5
52.5°	212.9	225.2	241.6	270.2	298.9	311.2	532.3	1072.8	3423.1	5060.9	6068.2
55°	204.7	217.0	233.4	270.2	286.6	290.7	511.8	1093.3	3709.7	5441.7	6416.2
57.5°	196.5	204.7	225.2	262.1	270.2	274.3	470.9	1121.9	3996.3	5814.3	6772.5
60°	184.3	192.4	212.9	262.1	245.7	258.0	417.6	1130.1	4201.1	5933.1	6805.2
62.5°	172.0	180.2	200.6	270.2	225.2	241.6	372.6	1101.4	4242.0	5761.1	6621.0
65°	159.7	167.9	184.3	225.2	208.8	225.2	343.9	1023.7	4106.9	5368.0	6285.2
67.5°	147.4	155.6	167.9	184.3	188.4	204.7	331.7	900.8	3767.0	4880.8	5826.6
70°	131.0	139.2	151.5	163.8	167.9	192.4	311.2	782.1	3218.4	4229.7	5265.7
72.5°	118.7	122.8	135.1	143.3	151.5	176.1	298.9	683.8	2460.9	3423.1	4295.2
75°	102.4	102.4	114.6	122.8	131.0	155.6	274.3	569.2	1736.1	2612.4	3156.9
77.5°	86.0	86.0	94.2	102.4	110.6	135.1	233.4	462.7	1203.8	2071.9	2288.9
80°	65.5	65.5	73.7	81.9	90.1	114.6	188.4	339.9	745.2	1515.0	1666.5
82.5°	45.0	45.0	57.3	61.4	65.5	90.1	143.3	233.4	438.1	1093.3	1191.5
85°	24.6	24.6	32.8	36.9	45.0	65.5	106.5	163.8	262.1	790.3	794.4
87.5°	4.1	4.1	12.3	12.3	20.5	32.8	61.4	90.1	147.4	438.1	278.4
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: P598621  
 CATALOG NUMBER: IFLD-S-SA3A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5	2923.5
2.5°	3197.9	3242.9	3247.0	3247.0	3226.5	3230.6	3173.3	3111.9	3091.4	3087.3
5°	3365.8	3484.5	3517.3	3533.6	3480.4	3398.5	3251.1	3091.4	3009.5	2997.3
7.5°	3333.0	3570.5	3697.4	3713.8	3607.3	3414.9	3156.9	2911.3	2817.1	2792.5
10°	3140.6	3459.9	3689.2	3746.6	3631.9	3386.2	3050.5	2763.9	2649.2	2628.7
12.5°	3005.4	3312.5	3537.7	3615.5	3562.3	3349.4	2997.3	2669.7	2555.0	2526.4
15°	2931.7	3214.3	3361.7	3386.2	3382.1	3292.1	2997.3	2690.2	2563.2	2530.5
17.5°	2993.2	3185.6	3206.1	3148.8	3181.5	3226.5	3062.8	2800.7	2677.9	2649.2
20°	3116.0	3173.3	3075.0	2989.1	3005.4	3148.8	3165.1	3009.5	2911.3	2862.1
22.5°	3374.0	3218.4	2993.2	2874.4	2886.7	3087.3	3300.3	3292.1	3206.1	3181.5
25°	3636.0	3345.3	2968.6	2829.4	2845.8	3075.0	3459.9	3607.3	3562.3	3550.0
27.5°	3926.7	3558.2	2985.0	2808.9	2829.4	3091.4	3570.5	3873.5	3881.7	3869.4
30°	4123.3	3660.6	3034.1	2833.5	2862.1	3132.4	3595.1	4033.2	4106.9	4111.0
32.5°	4287.1	3762.9	3136.5	2874.4	2923.5	3206.1	3660.6	4184.7	4348.5	4352.6
35°	4418.1	3877.6	3263.4	2948.1	3021.8	3328.9	3746.6	4328.0	4573.7	4602.3
37.5°	4586.0	4004.5	3410.8	3107.8	3189.7	3505.0	3898.1	4495.9	4839.8	4917.6
40°	4766.1	4131.5	3623.7	3365.8	3484.5	3767.0	4070.0	4684.2	5065.0	5171.5
42.5°	4966.8	4266.6	3865.3	3713.8	3894.0	4098.7	4266.6	4856.2	5237.0	5359.8
45°	5163.3	4430.4	4217.4	4188.8	4389.4	4491.8	4459.0	4979.0	5400.8	5523.6
47.5°	5302.5	4667.8	4643.3	4815.3	5003.6	4950.4	4684.2	5069.1	5535.9	5671.0
50°	5429.4	4962.7	5179.7	5515.4	5630.1	5449.9	4925.8	5192.0	5679.2	5830.7
52.5°	5617.8	5277.9	5732.4	6150.1	6260.7	5974.0	5187.9	5392.6	5900.3	6035.4
55°	6002.7	5634.2	6309.8	6788.9	6809.3	6453.1	5540.0	5732.4	6211.5	6367.1
57.5°	6432.6	6072.3	6768.4	7317.1	7308.9	6932.2	5937.2	6191.0	6633.3	6739.7
60°	6821.6	6514.5	7267.9	7693.8	7673.3	7280.2	6399.9	6711.1	7116.4	7198.3
62.5°	7050.9	6915.8	7489.0	7812.5	7734.7	7394.9	6792.9	7173.7	7460.4	7489.0
65°	7014.1	7145.1	7231.1	7431.7	7321.2	7075.5	6985.4	7468.6	7497.2	7468.6
67.5°	6735.6	7014.1	6522.7	6543.2	6485.9	6277.0	6686.5	7390.8	7194.2	7124.6
70°	6313.9	6334.4	5454.0	5196.1	5286.1	4999.5	5736.5	6784.8	6481.8	6395.8
72.5°	5613.7	5359.8	4123.3	3861.2	3996.3	3791.6	4602.3	5912.6	5617.8	5339.4
75°	4708.8	4246.1	3140.6	2768.0	2837.6	2829.4	3566.4	4884.9	4352.6	4074.1
77.5°	3648.3	3308.4	2317.5	2174.2	2100.5	2116.9	2489.5	3631.9	3156.9	2808.9
80°	2665.6	2313.5	1793.4	1875.3	1834.4	1736.1	1744.3	2432.2	2194.7	1985.9
82.5°	1842.6	1646.0	1453.6	1641.9	1543.7	1392.2	1359.4	1752.5	1646.0	1519.1
85°	1236.6	1355.3	1154.7	1257.0	1089.2	1003.2	1277.5	1465.9	1183.3	1056.4
87.5°	806.6	1240.7	831.2	630.6	360.3	483.2	782.1	962.2	552.8	298.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)