

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: P599226

Luminaire Tested: **IFLD-S-SA2B-740-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599226  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-740-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (32) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

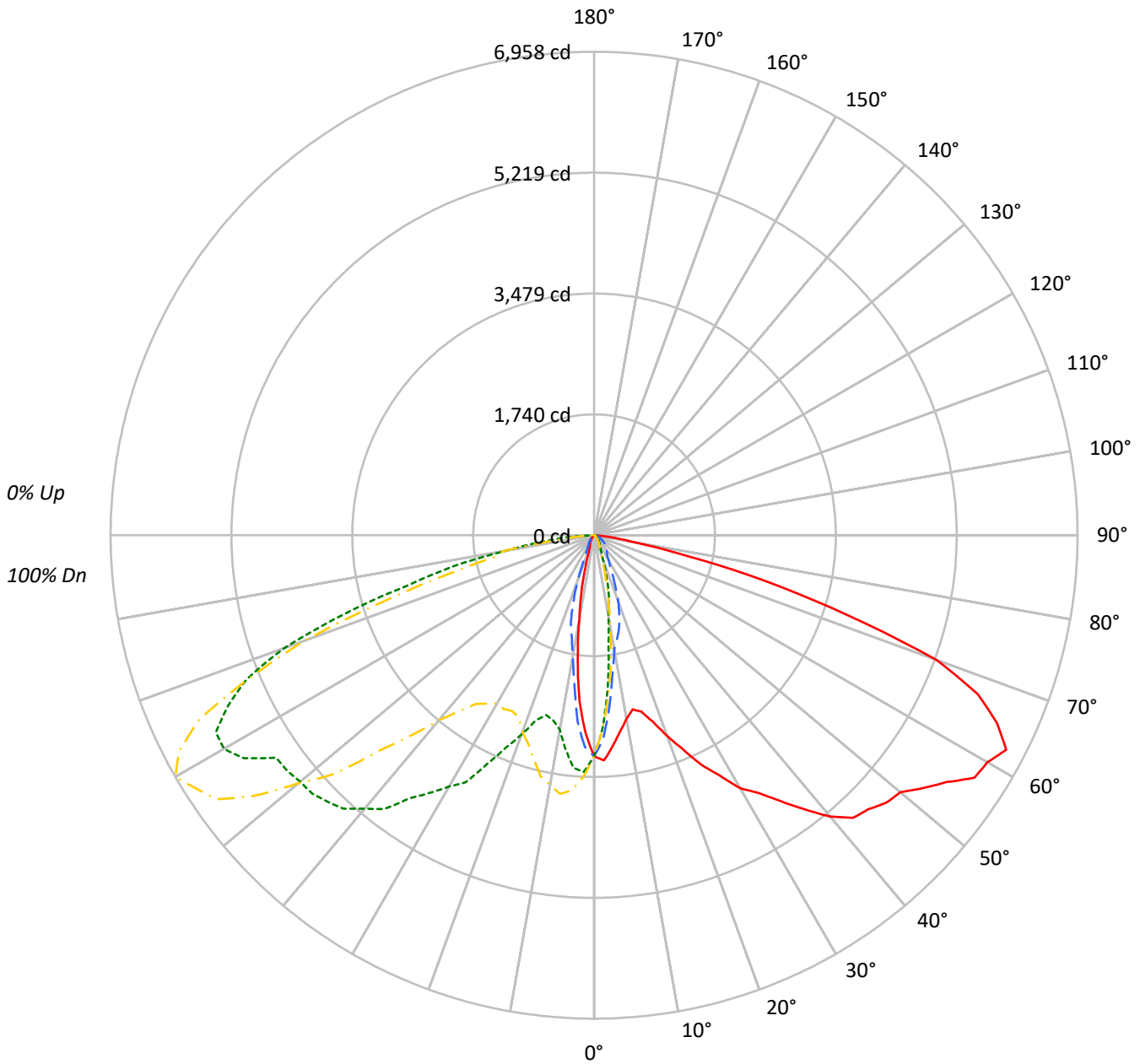
Lumens per Lamp: N/A  
 Luminaire Lumens: 8316.9 lumens  
 Efficiency: N/A  
 Efficacy: 100.9 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 82.4  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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	
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

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

	0°	90°	180°	270°
0°	68448	68448	68448	68448
5°	65900	48165	51847	72636
10°	58672	26223	26566	62104
15°	58569	17491	10693	59670
20°	70325	8733	4263	69913
25°	86495	5487	3302	86070
30°	104509	4402	2508	103840
35°	122631	3535	1945	121393
40°	148460	3024	1259	144363
45°	169846	2731	682	165133
50°	192699	2629	151	184812
55°	232443	2526	0	209552
60°	281420	2123	0	264719
65°	325868	1712	0	296171
70°	329973	1410	0	298640
75°	213549	932	0	229028
80°	72835	273	0	162059
85°	36557	0	0	119081

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	240.9	2.9
10°-20°	466.4	5.6
20°-30°	649.6	7.8
30°-40°	922.9	11.1
40°-50°	1279.9	15.4
50°-60°	1743.9	21.0
60°-70°	1917.3	23.1
70°-80°	942.3	11.3
80°-90°	153.9	1.9
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°	1356.8	16.3
0°-40°	2279.7	27.4
0°-60°	5303.4	63.8
0°-90°	8316.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8316.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3180	3180	3180	3180	3180	
5°	3050	2229	2399	3361	3050	279
15°	2628	785	480	2677	2628	778
25°	3641	231	139	3624	3641	1693
35°	4666	134	74	4619	4666	2962
45°	5579	90	22	5424	5579	4325
55°	6193	67	0	5583	6193	5571
65°	6397	34	0	5814	6397	6182
75°	2567	11	0	2754	2567	2799
85°	148	0	0	482	148	205
90°	0	0	0	0	0	

TEST NUMBER: P599226  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5
2.5°	3244.6	3282.7	3246.8	3121.2	3098.8	3038.3	2946.3	2939.6	2843.2	2854.4	2802.8
5°	3049.5	3087.6	3011.4	2845.4	2690.7	2567.4	2493.4	2361.1	2332.0	2266.9	2266.9
7.5°	2849.9	2847.7	2717.6	2578.6	2347.7	2121.2	2018.0	1827.4	1715.3	1654.8	1596.5
10°	2684.0	2648.1	2567.4	2280.4	2029.3	1793.8	1666.0	1540.4	1423.8	1322.9	1222.0
12.5°	2567.4	2589.8	2462.0	2150.3	1825.2	1661.5	1524.7	1392.4	1253.4	1139.1	1027.0
15°	2627.9	2592.1	2441.8	2121.2	1791.6	1567.3	1385.7	1224.3	1069.6	919.3	834.1
17.5°	2816.3	2724.4	2547.2	2121.2	1722.1	1423.8	1204.1	1013.5	847.6	713.0	607.7
20°	3069.7	2964.3	2773.7	2199.7	1670.5	1318.5	1018.0	778.1	605.4	479.8	399.1
22.5°	3329.8	3246.8	2959.8	2231.1	1609.9	1177.2	802.7	562.8	403.6	322.9	282.5
25°	3641.4	3524.8	3210.9	2356.6	1520.3	1040.4	632.3	392.4	300.5	257.9	233.2
27.5°	3890.3	3870.2	3446.4	2432.9	1453.0	928.3	500.0	311.7	248.9	217.5	201.8
30°	4204.2	4094.4	3733.4	2585.3	1376.8	800.5	417.1	280.3	228.7	195.1	183.9
32.5°	4392.6	4341.0	3883.6	2670.5	1291.5	695.1	358.8	246.6	208.5	183.9	172.7
35°	4666.2	4563.0	4098.9	2724.4	1246.7	634.6	322.9	224.2	174.9	150.2	136.8
37.5°	4971.1	4933.0	4356.7	2722.1	1181.7	598.7	298.2	208.5	165.9	139.0	123.3
40°	5282.8	5128.1	4513.7	2784.9	1148.0	571.8	280.3	199.6	157.0	132.3	112.1
42.5°	5516.0	5338.8	4695.3	2762.5	1107.7	524.7	273.6	186.1	150.2	121.1	103.1
45°	5578.8	5516.0	4859.0	2755.7	1078.5	486.6	262.3	183.9	145.7	114.4	96.4
47.5°	5699.8	5657.2	5060.8	2767.0	1056.1	457.4	235.4	188.4	139.0	107.6	91.9
50°	5753.7	5677.4	5224.5	2793.9	1004.5	421.5	210.8	197.3	136.8	105.4	87.4
52.5°	5975.6	5908.4	5448.7	2870.1	961.9	374.5	186.1	188.4	141.3	98.7	83.0
55°	6193.1	6116.9	5794.0	3045.0	901.4	336.3	159.2	165.9	134.5	89.7	74.0
57.5°	6491.4	6365.8	6025.0	3116.8	847.6	284.8	141.3	136.8	125.6	80.7	65.0
60°	6536.2	6587.8	5991.3	3071.9	791.5	251.1	123.3	105.4	134.5	71.8	56.1
62.5°	6686.4	6471.2	5834.4	2968.8	751.2	231.0	109.9	87.4	116.6	62.8	47.1
65°	6397.2	6238.0	5466.6	2636.9	699.6	233.2	96.4	71.8	74.0	51.6	38.1
67.5°	5973.4	5847.8	4856.7	2275.9	648.0	228.7	85.2	62.8	56.1	44.8	33.6
70°	5242.4	4971.1	4125.8	1847.6	571.8	213.0	71.8	56.1	47.1	35.9	24.7
72.5°	3814.1	3704.2	2959.8	1428.3	513.5	192.8	67.3	47.1	40.4	26.9	20.2
75°	2567.4	2385.8	1867.8	937.3	412.6	168.2	56.1	42.6	31.4	20.2	15.7
77.5°	1356.6	1282.6	1058.3	446.2	228.7	78.5	31.4	24.7	17.9	15.7	9.0
80°	587.5	522.4	457.4	181.6	80.7	35.9	20.2	13.5	11.2	9.0	4.5
82.5°	300.5	287.0	237.7	78.5	47.1	26.9	11.2	9.0	6.7	4.5	2.2
85°	148.0	152.5	125.6	24.7	26.9	15.7	2.2	2.2	0.0	0.0	0.0
87.5°	11.2	11.2	9.0	4.5	6.7	2.2	0.0	0.0	0.0	0.0	0.0
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°	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5
2.5°	2782.7	2814.0	2760.2	2793.9	2778.2	2784.9	2791.6	2773.7	2778.2	2841.0	2843.2
5°	2228.8	2289.4	2266.9	2298.3	2352.1	2325.2	2349.9	2345.4	2349.9	2358.9	2399.2
7.5°	1589.8	1571.8	1614.4	1697.4	1793.8	1852.1	1823.0	1807.3	1798.3	1775.9	1802.8
10°	1199.6	1190.6	1179.4	1204.1	1266.9	1331.9	1367.8	1307.2	1273.6	1231.0	1215.3
12.5°	995.6	939.5	908.1	870.0	887.9	946.2	948.5	890.2	836.4	813.9	838.6
15°	784.8	746.7	690.6	636.8	609.9	654.7	616.6	560.6	491.1	482.1	479.8
17.5°	560.6	538.1	497.8	475.4	444.0	432.8	392.4	307.2	257.9	244.4	248.9
20°	381.2	363.2	361.0	340.8	327.4	318.4	253.4	197.3	181.6	183.9	186.1
22.5°	282.5	273.6	262.3	260.1	248.9	237.7	186.1	165.9	154.7	154.7	161.4
25°	231.0	226.5	215.3	210.8	206.3	190.6	157.0	141.3	136.8	132.3	139.0
27.5°	197.3	195.1	188.4	181.6	177.1	161.4	136.8	123.3	118.8	118.8	118.8
30°	177.1	177.1	168.2	154.7	154.7	136.8	116.6	107.6	103.1	103.1	100.9
32.5°	165.9	161.4	150.2	141.3	134.5	116.6	103.1	94.2	87.4	87.4	89.7
35°	134.5	134.5	132.3	125.6	116.6	98.7	87.4	78.5	74.0	71.8	74.0
37.5°	118.8	112.1	103.1	105.4	100.9	85.2	74.0	67.3	60.5	60.5	60.5
40°	107.6	100.9	91.9	85.2	83.0	76.2	65.0	53.8	47.1	44.8	44.8
42.5°	96.4	91.9	78.5	67.3	65.0	65.0	49.3	40.4	33.6	33.6	33.6
45°	89.7	83.0	71.8	58.3	47.1	49.3	40.4	29.1	24.7	22.4	22.4
47.5°	85.2	78.5	62.8	49.3	35.9	35.9	29.1	20.2	15.7	13.5	13.5
50°	78.5	71.8	56.1	40.4	26.9	22.4	17.9	11.2	6.7	4.5	4.5
52.5°	74.0	67.3	49.3	33.6	22.4	15.7	11.2	2.2	0.0	0.0	0.0
55°	67.3	58.3	42.6	26.9	17.9	9.0	2.2	0.0	0.0	0.0	0.0
57.5°	58.3	51.6	33.6	20.2	11.2	2.2	0.0	0.0	0.0	0.0	0.0
60°	49.3	42.6	26.9	15.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	40.4	35.9	20.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	33.6	26.9	15.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	29.1	22.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	22.4	15.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	15.7	11.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	11.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5
2.5°	2852.2	2919.4	2982.2	3000.2	3049.5	3186.3	3186.3	3251.3	3367.9	3410.5	3419.5
5°	2406.0	2477.7	2491.2	2630.2	2695.2	2834.2	2926.2	3145.9	3278.2	3361.2	3412.7
7.5°	1829.7	1854.4	1905.9	2036.0	2163.8	2332.0	2506.9	2787.1	3020.3	3114.5	3289.4
10°	1257.9	1331.9	1444.0	1560.6	1760.2	1946.3	2172.8	2437.3	2724.4	2841.0	2991.2
12.5°	847.6	950.7	1130.1	1296.0	1479.9	1668.2	1883.5	2237.8	2562.9	2724.4	2874.6
15°	495.5	621.1	775.8	1044.9	1289.3	1500.1	1715.3	2074.1	2468.7	2677.3	2861.1
17.5°	251.1	289.3	417.1	650.3	973.1	1318.5	1639.1	2096.5	2540.5	2796.1	2948.6
20°	188.4	199.6	235.4	345.3	666.0	1089.7	1567.3	2130.2	2740.0	3051.7	3134.7
22.5°	163.7	172.7	188.4	224.2	374.5	834.1	1466.4	2213.1	3011.4	3305.1	3480.0
25°	139.0	148.0	161.4	183.9	239.9	567.3	1343.1	2300.6	3253.5	3623.5	3787.2
27.5°	121.1	127.8	141.3	159.2	195.1	361.0	1130.1	2417.2	3623.5	4009.2	4051.8
30°	103.1	109.9	121.1	141.3	165.9	255.6	829.6	2432.9	3827.5	4177.3	4296.2
32.5°	89.7	91.9	105.4	123.3	139.0	201.8	583.0	2448.6	3977.8	4394.8	4419.5
35°	74.0	78.5	91.9	103.1	121.1	159.2	441.7	2370.1	4172.9	4619.1	4612.3
37.5°	60.5	67.3	76.2	85.2	98.7	134.5	352.0	2224.3	4417.3	4966.6	4755.8
40°	47.1	53.8	62.8	74.0	83.0	121.1	264.6	2004.6	4672.9	5137.0	4912.8
42.5°	33.6	38.1	47.1	58.3	74.0	100.9	190.6	1744.5	4773.8	5336.6	5101.2
45°	24.7	29.1	35.9	49.3	76.2	80.7	132.3	1506.8	4881.4	5424.0	5058.6
47.5°	13.5	17.9	26.9	42.6	67.3	60.5	94.2	1293.8	5004.7	5502.5	5092.2
50°	4.5	6.7	15.7	44.8	53.8	47.1	74.0	1179.4	5125.8	5518.2	5159.5
52.5°	0.0	0.0	9.0	47.1	40.4	35.9	65.0	1134.6	5094.4	5567.5	5116.9
55°	0.0	0.0	2.2	20.2	22.4	26.9	53.8	1132.3	5316.4	5583.2	5350.0
57.5°	0.0	0.0	0.0	6.7	13.5	22.4	47.1	1060.6	5457.7	5973.4	5664.0
60°	0.0	0.0	0.0	2.2	9.0	15.7	35.9	997.8	5601.2	6148.3	6000.3
62.5°	0.0	0.0	0.0	0.0	2.2	6.7	24.7	901.4	5311.9	6134.8	6325.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.7	713.0	4778.3	5814.2	6146.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.0	493.3	4184.1	5410.6	5816.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298.2	3376.9	4744.6	4933.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.8	2410.4	3767.0	4047.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.6	1491.1	2753.5	3098.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	966.4	2085.3	2352.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	515.7	1307.2	1520.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.2	793.8	914.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.8	482.1	549.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.0	98.7
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: P599226  
 CATALOG NUMBER: IFLD-S-SA2B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5	3179.5
2.5°	3423.9	3489.0	3513.6	3475.5	3480.0	3401.5	3390.3	3280.4	3235.6	3244.6
5°	3580.9	3675.1	3726.6	3684.0	3587.6	3437.4	3300.6	3170.6	3089.8	3049.5
7.5°	3545.0	3650.4	3715.4	3755.8	3645.9	3403.8	3195.2	2950.8	2847.7	2849.9
10°	3347.7	3567.4	3699.7	3648.2	3596.6	3354.4	3031.5	2767.0	2675.0	2684.0
12.5°	3188.5	3432.9	3511.4	3551.8	3446.4	3253.5	3036.0	2733.3	2630.2	2567.4
15°	3089.8	3271.5	3276.0	3338.7	3296.1	3296.1	3083.1	2787.1	2697.4	2627.9
17.5°	3089.8	3130.2	3125.7	3148.1	3219.9	3305.1	3202.0	3004.6	2827.5	2816.3
20°	3159.4	3033.8	3004.6	3013.6	3074.1	3327.5	3464.3	3217.7	3105.5	3069.7
22.5°	3320.8	3045.0	2867.9	2836.5	3022.6	3325.3	3632.5	3554.0	3358.9	3329.8
25°	3542.8	3024.8	2832.0	2791.6	2932.9	3406.0	3863.4	3879.1	3702.0	3641.4
27.5°	3753.6	3114.5	2827.5	2818.5	3004.6	3388.1	4022.6	4139.2	3939.7	3890.3
30°	3825.3	3204.2	2910.5	2791.6	3031.5	3453.1	4018.1	4323.1	4193.0	4204.2
32.5°	3910.5	3293.9	2919.4	2872.3	3145.9	3558.5	4146.0	4619.1	4524.9	4392.6
35°	4036.1	3415.0	3004.6	2962.0	3226.6	3652.7	4172.9	4836.6	4820.9	4666.2
37.5°	4143.7	3533.8	3181.8	3188.5	3473.3	3805.1	4291.7	5103.4	5076.5	4971.1
40°	4219.9	3699.7	3457.6	3475.5	3688.5	3975.5	4502.5	5237.9	5437.5	5282.8
42.5°	4231.2	3847.7	3773.7	3917.2	4116.8	4240.1	4587.7	5329.9	5616.9	5516.0
45°	4273.8	4083.2	4289.5	4394.8	4558.5	4473.3	4583.2	5486.8	5630.3	5578.8
47.5°	4439.7	4511.4	4771.5	5092.2	5150.5	4870.2	4690.8	5511.5	5706.6	5699.8
50°	4612.3	4971.1	5336.6	5549.6	5623.6	5143.8	4791.7	5491.3	5807.5	5753.7
52.5°	4805.2	5370.2	5897.2	6159.5	6119.1	5446.5	4906.1	5655.0	5993.6	5975.6
55°	4926.3	5549.6	6258.2	6623.7	6592.3	5785.0	5269.3	5890.4	6238.0	6193.1
57.5°	5246.9	5841.1	6616.9	6787.3	6870.3	6229.0	5522.7	6276.1	6442.0	6491.4
60°	5511.5	6031.7	6711.1	6957.8	6986.9	6493.6	5966.7	6673.0	6702.1	6536.2
62.5°	5899.4	6105.7	6511.5	6733.5	6883.8	6643.8	6365.8	6886.0	6697.7	6686.4
65°	6184.2	5863.5	6139.3	6262.7	6359.1	6415.1	6767.2	7031.7	6614.7	6397.2
67.5°	6025.0	5406.1	5354.5	5361.3	5390.4	5729.0	6632.6	6675.2	6152.8	5973.4
70°	5303.0	4435.2	4365.7	4419.5	4273.8	4681.9	6087.8	6067.6	5428.5	5242.4
72.5°	4289.5	3233.3	3114.5	3188.5	3222.1	3654.9	5121.3	4601.1	3959.8	3814.1
75°	3408.2	2370.1	2000.1	2179.5	2293.8	2661.6	4000.2	3125.7	2764.7	2567.4
77.5°	2677.3	1793.8	1556.1	1484.4	1589.8	1935.1	2910.5	1641.3	1448.5	1356.6
80°	1697.4	1318.5	1430.6	1327.4	1372.3	1381.2	1515.8	746.7	594.2	587.5
82.5°	1022.5	901.4	1071.8	589.7	1074.0	959.7	630.1	338.6	300.5	300.5
85°	724.3	558.3	370.0	239.9	477.6	526.9	244.4	174.9	152.5	148.0
87.5°	363.2	172.7	83.0	53.8	60.5	98.7	29.1	13.5	13.5	11.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)