

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: P599144

Luminaire Tested: **IFLD-S-SA3B-727-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: P599144  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3B-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (48) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

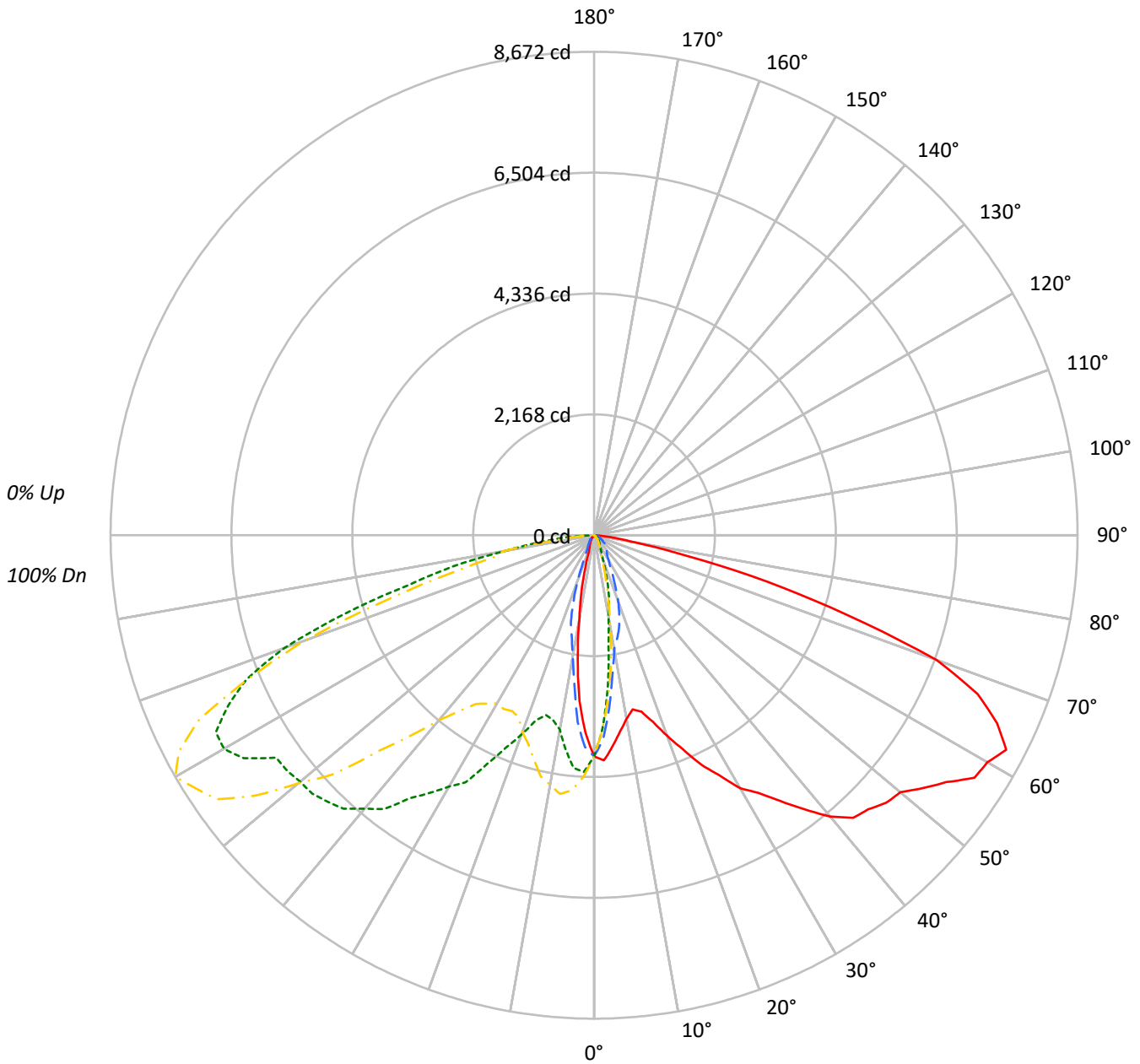
Lumens per Lamp: N/A  
 Luminaire Lumens: 10365.6 lumens  
 Efficiency: N/A  
 Efficacy: 84.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 122.4  
 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°	56874	56874	56874	56874
5°	54756	40019	43079	60351
10°	48751	21789	22074	51601
15°	48665	14533	8885	49579
20°	58431	7256	3543	58091
25°	71870	4557	2744	71515
30°	86836	3659	2085	86281
35°	101892	2938	1615	100863
40°	123353	2512	1047	119951
45°	141122	2269	566	137209
50°	160111	2184	125	153558
55°	193135	2097	0	174116
60°	233830	1765	0	219951
65°	270759	1423	0	246084
70°	274172	1171	0	248139
75°	177433	776	0	190298
80°	60516	231	0	134660
85°	30365	0	0	98933

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	300.2	2.9
10°-20°	581.3	5.6
20°-30°	809.6	7.8
30°-40°	1150.3	11.1
40°-50°	1595.1	15.4
50°-60°	2173.4	21.0
60°-70°	2389.5	23.1
70°-80°	1174.4	11.3
80°-90°	191.8	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°	1691.0	16.3
0°-40°	2841.3	27.4
0°-60°	6609.9	63.8
0°-90°	10365.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10365.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3963	3963	3963	3963	3963	
5°	3801	2778	2990	4189	3801	348
15°	3275	978	598	3337	3275	969
25°	4538	288	173	4516	4538	2110
35°	5816	168	92	5757	5816	3692
45°	6953	112	28	6760	6953	5390
55°	7719	84	0	6959	7719	6943
65°	7973	42	0	7246	7973	7705
75°	3200	14	0	3432	3200	3488
85°	184	0	0	601	184	255
90°	0	0	0	0	0	

TEST NUMBER: P599144  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8
2.5°	4043.8	4091.3	4046.6	3890.1	3862.2	3786.7	3672.1	3663.7	3543.6	3557.5	3493.3
5°	3800.7	3848.2	3753.2	3546.4	3353.5	3199.8	3107.6	2942.7	2906.4	2825.4	2825.4
7.5°	3552.0	3549.2	3387.1	3213.8	2926.0	2643.7	2515.2	2277.6	2137.9	2062.4	1989.8
10°	3345.2	3300.4	3199.8	2842.1	2529.1	2235.7	2076.4	1919.9	1774.6	1648.8	1523.1
12.5°	3199.8	3227.8	3068.5	2680.0	2274.8	2070.8	1900.3	1735.5	1562.2	1419.7	1279.9
15°	3275.3	3230.6	3043.3	2643.7	2232.9	1953.4	1727.1	1525.9	1333.0	1145.8	1039.6
17.5°	3510.0	3395.5	3174.7	2643.7	2146.3	1774.6	1500.7	1263.2	1056.4	888.7	757.3
20°	3825.8	3694.5	3456.9	2741.5	2082.0	1643.2	1268.8	969.7	754.5	598.0	497.4
22.5°	4150.0	4046.6	3688.9	2780.6	2006.5	1467.2	1000.5	701.4	503.0	402.4	352.1
25°	4538.5	4393.1	4001.9	2937.1	1894.7	1296.7	788.1	489.1	374.5	321.4	290.6
27.5°	4848.7	4823.5	4295.3	3032.2	1810.9	1157.0	623.2	388.5	310.2	271.1	251.5
30°	5239.9	5103.0	4653.0	3222.2	1715.9	997.7	519.8	349.3	285.1	243.1	229.2
32.5°	5474.7	5410.4	4840.3	3328.4	1609.7	866.3	447.1	307.4	259.9	229.2	215.2
35°	5815.6	5687.0	5108.6	3395.5	1553.8	790.9	402.4	279.5	218.0	187.2	170.5
37.5°	6195.7	6148.2	5429.9	3392.7	1472.8	746.2	371.7	259.9	206.8	173.3	153.7
40°	6584.1	6391.3	5625.6	3470.9	1430.8	712.6	349.3	248.7	195.6	164.9	139.7
42.5°	6874.8	6654.0	5851.9	3443.0	1380.5	653.9	340.9	232.0	187.2	150.9	128.6
45°	6953.0	6874.8	6055.9	3434.6	1344.2	606.4	327.0	229.2	181.7	142.5	120.2
47.5°	7103.9	7050.8	6307.4	3448.6	1316.3	570.1	293.4	234.7	173.3	134.1	114.6
50°	7171.0	7076.0	6511.5	3482.1	1252.0	525.4	262.7	245.9	170.5	131.3	109.0
52.5°	7447.7	7363.8	6790.9	3577.1	1198.9	466.7	232.0	234.7	176.1	123.0	103.4
55°	7718.7	7623.7	7221.3	3795.1	1123.4	419.2	198.4	206.8	167.7	111.8	92.2
57.5°	8090.4	7933.9	7509.1	3884.5	1056.4	354.9	176.1	170.5	156.5	100.6	81.0
60°	8146.3	8210.6	7467.2	3828.6	986.5	313.0	153.7	131.3	167.7	89.4	69.9
62.5°	8333.5	8065.3	7271.6	3700.1	936.2	287.8	136.9	109.0	145.3	78.2	58.7
65°	7973.0	7774.6	6813.3	3286.5	871.9	290.6	120.2	89.4	92.2	64.3	47.5
67.5°	7444.9	7288.4	6053.1	2836.5	807.6	285.1	106.2	78.2	69.9	55.9	41.9
70°	6533.8	6195.7	5142.1	2302.8	712.6	265.5	89.4	69.9	58.7	44.7	30.7
72.5°	4753.6	4616.7	3688.9	1780.2	640.0	240.3	83.8	58.7	50.3	33.5	25.2
75°	3199.8	2973.5	2327.9	1168.1	514.2	209.6	69.9	53.1	39.1	25.2	19.6
77.5°	1690.7	1598.5	1319.1	556.1	285.1	97.8	39.1	30.7	22.4	19.6	11.2
80°	732.2	651.1	570.1	226.4	100.6	44.7	25.2	16.8	14.0	11.2	5.6
82.5°	374.5	357.7	296.2	97.8	58.7	33.5	14.0	11.2	8.4	5.6	2.8
85°	184.4	190.0	156.5	30.7	33.5	19.6	2.8	2.8	0.0	0.0	0.0
87.5°	14.0	14.0	11.2	5.6	8.4	2.8	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°	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8
2.5°	3468.1	3507.2	3440.2	3482.1	3462.5	3470.9	3479.3	3456.9	3462.5	3540.8	3543.6
5°	2777.8	2853.3	2825.4	2864.5	2931.6	2898.0	2928.8	2923.2	2928.8	2939.9	2990.2
7.5°	1981.4	1959.0	2012.1	2115.5	2235.7	2308.4	2272.0	2252.5	2241.3	2213.3	2246.9
10°	1495.1	1483.9	1470.0	1500.7	1579.0	1660.0	1704.7	1629.3	1587.3	1534.2	1514.7
12.5°	1240.8	1170.9	1131.8	1084.3	1106.7	1179.3	1182.1	1109.5	1042.4	1014.4	1045.2
15°	978.1	930.6	860.7	793.7	760.1	816.0	768.5	698.7	612.0	600.8	598.0
17.5°	698.7	670.7	620.4	592.5	553.3	539.4	489.1	382.9	321.4	304.6	310.2
20°	475.1	452.7	449.9	424.8	408.0	396.8	315.8	245.9	226.4	229.2	232.0
22.5°	352.1	340.9	327.0	324.2	310.2	296.2	232.0	206.8	192.8	192.8	201.2
25°	287.8	282.3	268.3	262.7	257.1	237.5	195.6	176.1	170.5	164.9	173.3
27.5°	245.9	243.1	234.7	226.4	220.8	201.2	170.5	153.7	148.1	148.1	148.1
30°	220.8	220.8	209.6	192.8	192.8	170.5	145.3	134.1	128.6	128.6	125.8
32.5°	206.8	201.2	187.2	176.1	167.7	145.3	128.6	117.4	109.0	109.0	111.8
35°	167.7	167.7	164.9	156.5	145.3	123.0	109.0	97.8	92.2	89.4	92.2
37.5°	148.1	139.7	128.6	131.3	125.8	106.2	92.2	83.8	75.5	75.5	75.5
40°	134.1	125.8	114.6	106.2	103.4	95.0	81.0	67.1	58.7	55.9	55.9
42.5°	120.2	114.6	97.8	83.8	81.0	81.0	61.5	50.3	41.9	41.9	41.9
45°	111.8	103.4	89.4	72.7	58.7	61.5	50.3	36.3	30.7	27.9	27.9
47.5°	106.2	97.8	78.2	61.5	44.7	44.7	36.3	25.2	19.6	16.8	16.8
50°	97.8	89.4	69.9	50.3	33.5	27.9	22.4	14.0	8.4	5.6	5.6
52.5°	92.2	83.8	61.5	41.9	27.9	19.6	14.0	2.8	0.0	0.0	0.0
55°	83.8	72.7	53.1	33.5	22.4	11.2	2.8	0.0	0.0	0.0	0.0
57.5°	72.7	64.3	41.9	25.2	14.0	2.8	0.0	0.0	0.0	0.0	0.0
60°	61.5	53.1	33.5	19.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	50.3	44.7	25.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	41.9	33.5	19.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	36.3	27.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	27.9	19.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	19.6	14.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	14.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	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°	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8
2.5°	3554.8	3638.6	3716.8	3739.2	3800.7	3971.1	3971.1	4052.2	4197.5	4250.6	4261.8
5°	2998.6	3088.1	3104.8	3278.1	3359.1	3532.4	3647.0	3920.8	4085.7	4189.1	4253.4
7.5°	2280.4	2311.1	2375.4	2537.5	2696.8	2906.4	3124.4	3473.7	3764.3	3881.7	4099.7
10°	1567.8	1660.0	1799.7	1945.1	2193.8	2425.7	2708.0	3037.7	3395.5	3540.8	3728.0
12.5°	1056.4	1184.9	1408.5	1615.3	1844.4	2079.2	2347.5	2789.0	3194.2	3395.5	3582.7
15°	617.6	774.1	966.9	1302.3	1606.9	1869.6	2137.9	2585.0	3076.9	3336.8	3565.9
17.5°	313.0	360.5	519.8	810.4	1212.9	1643.2	2042.9	2613.0	3166.3	3484.9	3674.9
20°	234.7	248.7	293.4	430.4	830.0	1358.2	1953.4	2654.9	3415.0	3803.5	3906.9
22.5°	204.0	215.2	234.7	279.5	466.7	1039.6	1827.7	2758.3	3753.2	4119.3	4337.2
25°	173.3	184.4	201.2	229.2	299.0	707.0	1674.0	2867.3	4055.0	4516.1	4720.1
27.5°	150.9	159.3	176.1	198.4	243.1	449.9	1408.5	3012.6	4516.1	4996.8	5049.9
30°	128.6	136.9	150.9	176.1	206.8	318.6	1034.0	3032.2	4770.4	5206.4	5354.5
32.5°	111.8	114.6	131.3	153.7	173.3	251.5	726.6	3051.7	4957.6	5477.4	5508.2
35°	92.2	97.8	114.6	128.6	150.9	198.4	550.5	2953.9	5200.8	5756.9	5748.5
37.5°	75.5	83.8	95.0	106.2	123.0	167.7	438.8	2772.3	5505.4	6190.1	5927.4
40°	58.7	67.1	78.2	92.2	103.4	150.9	329.8	2498.4	5824.0	6402.5	6123.0
42.5°	41.9	47.5	58.7	72.7	92.2	125.8	237.5	2174.2	5949.7	6651.2	6357.8
45°	30.7	36.3	44.7	61.5	95.0	100.6	164.9	1878.0	6083.9	6760.2	6304.7
47.5°	16.8	22.4	33.5	53.1	83.8	75.5	117.4	1612.5	6237.6	6858.0	6346.6
50°	5.6	8.4	19.6	55.9	67.1	58.7	92.2	1470.0	6388.5	6877.5	6430.4
52.5°	0.0	0.0	11.2	58.7	50.3	44.7	81.0	1414.1	6349.4	6939.0	6377.3
55°	0.0	0.0	2.8	25.2	27.9	33.5	67.1	1411.3	6626.0	6958.6	6668.0
57.5°	0.0	0.0	0.0	8.4	16.8	27.9	58.7	1321.9	6802.1	7444.9	7059.2
60°	0.0	0.0	0.0	2.8	11.2	19.6	44.7	1243.6	6980.9	7662.8	7478.4
62.5°	0.0	0.0	0.0	0.0	2.8	8.4	30.7	1123.4	6620.4	7646.1	7883.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	19.6	888.7	5955.3	7246.4	7660.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.2	614.8	5214.8	6743.4	7249.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371.7	4208.7	5913.4	6148.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159.3	3004.2	4695.0	5044.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.3	1858.4	3431.8	3862.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	1204.5	2599.0	2931.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	642.8	1629.3	1894.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.5	989.3	1140.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.4	600.8	684.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.2	123.0
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: P599144  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8	3962.8
2.5°	4267.4	4348.4	4379.2	4331.7	4337.2	4239.4	4225.5	4088.5	4032.6	4043.8
5°	4463.0	4580.4	4644.7	4591.6	4471.4	4284.1	4113.7	3951.6	3851.0	3800.7
7.5°	4418.3	4549.6	4630.7	4681.0	4544.0	4242.2	3982.3	3677.7	3549.2	3552.0
10°	4172.4	4446.2	4611.1	4546.8	4482.6	4180.7	3778.3	3448.6	3334.0	3345.2
12.5°	3973.9	4278.6	4376.4	4426.7	4295.3	4055.0	3783.9	3406.6	3278.1	3199.8
15°	3851.0	4077.3	4082.9	4161.2	4108.1	4108.1	3842.6	3473.7	3361.9	3275.3
17.5°	3851.0	3901.3	3895.7	3923.6	4013.1	4119.3	3990.7	3744.8	3524.0	3510.0
20°	3937.6	3781.1	3744.8	3756.0	3831.4	4147.2	4317.7	4010.3	3870.5	3825.8
22.5°	4138.8	3795.1	3574.3	3535.2	3767.1	4144.4	4527.3	4429.5	4186.3	4150.0
25°	4415.5	3769.9	3529.6	3479.3	3655.4	4245.0	4815.1	4834.7	4613.9	4538.5
27.5°	4678.2	3881.7	3524.0	3512.8	3744.8	4222.7	5013.5	5158.9	4910.1	4848.7
30°	4767.6	3993.5	3627.4	3479.3	3778.3	4303.7	5008.0	5388.0	5225.9	5239.9
32.5°	4873.8	4105.3	3638.6	3579.9	3920.8	4435.1	5167.2	5756.9	5639.5	5474.7
35°	5030.3	4256.2	3744.8	3691.7	4021.5	4552.4	5200.8	6028.0	6008.4	5815.6
37.5°	5164.4	4404.3	3965.6	3973.9	4328.9	4742.5	5348.9	6360.5	6327.0	6195.7
40°	5259.5	4611.1	4309.3	4331.7	4597.1	4954.9	5611.6	6528.2	6776.9	6584.1
42.5°	5273.4	4795.6	4703.3	4882.2	5130.9	5284.6	5717.8	6642.8	7000.5	6874.8
45°	5326.5	5089.0	5346.1	5477.4	5681.5	5575.3	5712.2	6838.4	7017.3	6953.0
47.5°	5533.3	5622.8	5946.9	6346.6	6419.2	6069.9	5846.3	6869.2	7112.3	7103.9
50°	5748.5	6195.7	6651.2	6916.7	7008.9	6410.8	5972.1	6844.0	7238.1	7171.0
52.5°	5988.9	6693.1	7349.8	7676.8	7626.5	6788.1	6114.6	7048.0	7470.0	7447.7
55°	6139.8	6916.7	7799.8	8255.3	8216.2	7210.1	6567.3	7341.5	7774.6	7718.7
57.5°	6539.4	7280.0	8246.9	8459.3	8562.7	7763.4	6883.1	7822.1	8028.9	8090.4
60°	6869.2	7517.5	8364.3	8671.7	8708.0	8093.2	7436.5	8316.8	8353.1	8146.3
62.5°	7352.6	7609.7	8115.6	8392.2	8579.5	8280.4	7933.9	8582.3	8347.5	8333.5
65°	7707.5	7307.9	7651.7	7805.4	7925.5	7995.4	8434.1	8763.9	8244.1	7973.0
67.5°	7509.1	6737.8	6673.5	6681.9	6718.3	7140.2	8266.5	8319.6	7668.4	7444.9
70°	6609.3	5527.7	5441.1	5508.2	5326.5	5835.2	7587.4	7562.2	6765.8	6533.8
72.5°	5346.1	4029.8	3881.7	3973.9	4015.9	4555.2	6382.9	5734.6	4935.3	4753.6
75°	4247.8	2953.9	2492.8	2716.4	2858.9	3317.2	4985.6	3895.7	3445.8	3199.8
77.5°	3336.8	2235.7	1939.5	1850.0	1981.4	2411.8	3627.4	2045.7	1805.3	1690.7
80°	2115.5	1643.2	1783.0	1654.4	1710.3	1721.5	1889.2	930.6	740.6	732.2
82.5°	1274.3	1123.4	1335.8	735.0	1338.6	1196.1	785.3	422.0	374.5	374.5
85°	902.7	695.9	461.1	299.0	595.3	656.7	304.6	218.0	190.0	184.4
87.5°	452.7	215.2	103.4	67.1	75.5	123.0	36.3	16.8	16.8	14.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)