

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: P599112

Luminaire Tested: **IFLD-S-SA2D-722-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: P599112  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2D-722-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (32) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

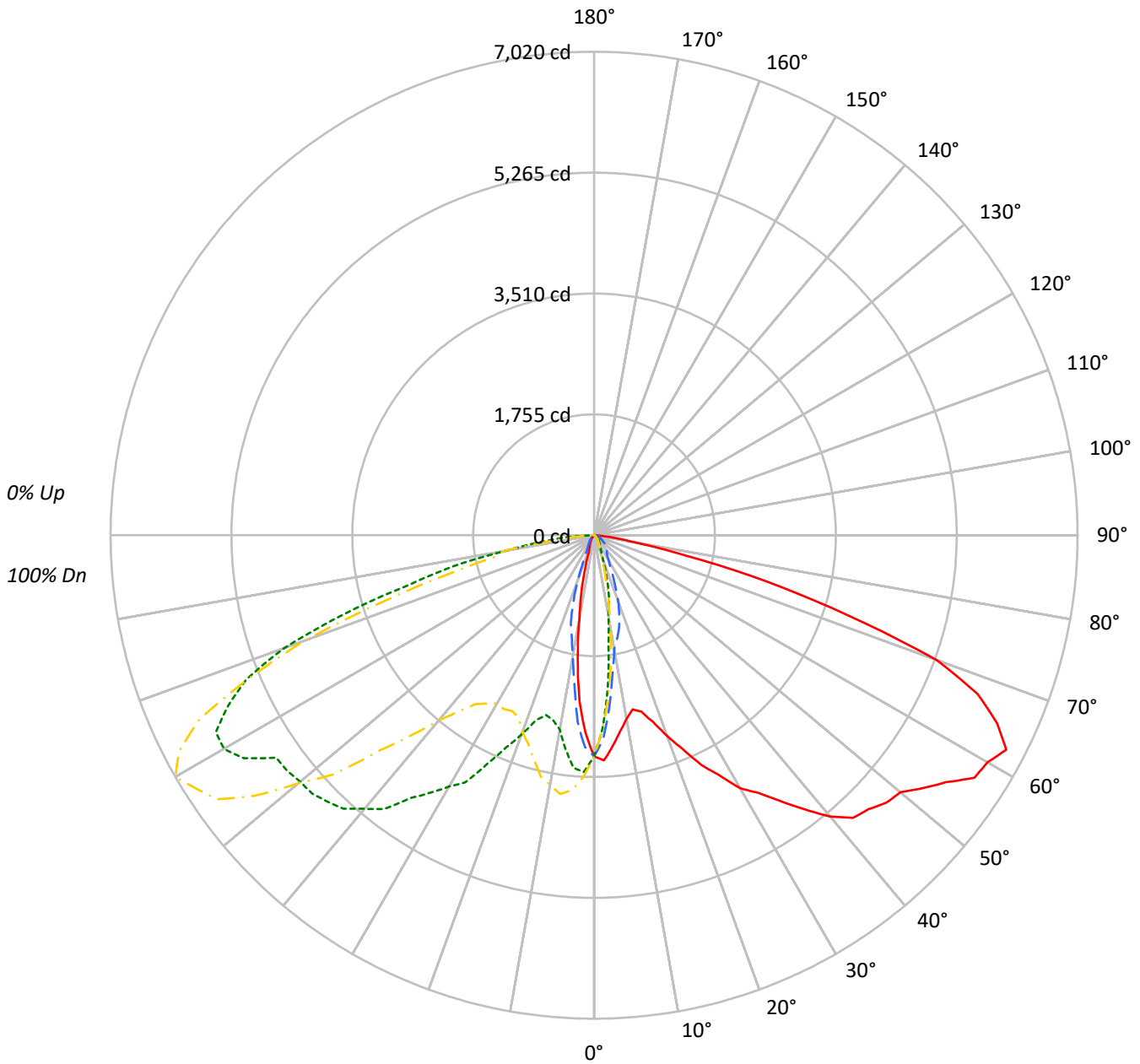
Lumens per Lamp: N/A  
 Luminaire Lumens: 8391.4 lumens  
 Efficiency: N/A  
 Efficacy: 67.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 123.9  
 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	69061	69061	69061	69061
5°	66490	48597	52311	73286
10°	59197	26459	26805	62659
15°	59095	17647	10789	60205
20°	70955	8811	4302	70540
25°	87272	5535	3333	86842
30°	105446	4442	2531	104772
35°	123729	3566	1963	122481
40°	149790	3052	1270	145659
45°	171365	2755	688	166613
50°	194424	2653	151	186470
55°	234526	2548	0	211433
60°	283943	2144	0	267091
65°	328787	1727	0	298825
70°	332932	1423	0	301315
75°	215462	940	0	231083
80°	73479	285	0	163521
85°	36878	0	0	120143

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	243.0	2.9
10°-20°	470.6	5.6
20°-30°	655.4	7.8
30°-40°	931.2	11.1
40°-50°	1291.3	15.4
50°-60°	1759.5	21.0
60°-70°	1934.4	23.1
70°-80°	950.8	11.3
80°-90°	155.3	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°	1368.9	16.3
0°-40°	2300.1	27.4
0°-60°	5351.0	63.8
0°-90°	8391.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8391.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3208	3208	3208	3208	3208	
5°	3077	2249	2421	3391	3077	282
15°	2652	792	484	2701	2652	785
25°	3674	233	140	3656	3674	1708
35°	4708	136	75	4660	4708	2988
45°	5629	90	23	5473	5629	4363
55°	6249	68	0	5633	6249	5621
65°	6454	34	0	5866	6454	6238
75°	2590	11	0	2778	2590	2824
85°	149	0	0	486	149	207
90°	0	0	0	0	0	

TEST NUMBER: P599112  
 CATALOG NUMBER: IFLD-S-SA2D-722-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0
2.5°	3273.6	3312.1	3275.9	3149.2	3126.6	3065.5	2972.7	2966.0	2868.7	2880.0	2827.9
5°	3076.8	3115.3	3038.3	2870.9	2714.8	2590.4	2515.7	2382.3	2352.9	2287.2	2287.2
7.5°	2875.5	2873.2	2742.0	2601.7	2368.7	2140.2	2036.1	1843.8	1730.7	1669.6	1610.8
10°	2708.0	2671.8	2590.4	2300.8	2047.4	1809.9	1680.9	1554.2	1436.6	1334.8	1233.0
12.5°	2590.4	2613.0	2484.1	2169.6	1841.6	1676.4	1538.4	1404.9	1264.7	1149.3	1036.2
15°	2651.5	2615.3	2463.7	2140.2	1807.6	1581.4	1398.1	1235.2	1079.1	927.6	841.6
17.5°	2841.5	2748.8	2570.0	2140.2	1737.5	1436.6	1214.9	1022.6	855.2	719.4	613.1
20°	3097.2	2990.8	2798.5	2219.4	1685.5	1330.3	1027.1	785.0	610.8	484.1	402.7
22.5°	3359.6	3275.9	2986.3	2251.0	1624.4	1187.7	809.9	567.9	407.2	325.8	285.1
25°	3674.1	3556.4	3239.7	2377.7	1533.9	1049.7	638.0	395.9	303.2	260.2	235.3
27.5°	3925.2	3904.8	3477.2	2454.7	1466.0	936.6	504.5	314.5	251.1	219.4	203.6
30°	4241.9	4131.1	3766.8	2608.5	1389.1	807.7	420.8	282.8	230.8	196.8	185.5
32.5°	4432.0	4379.9	3918.4	2694.5	1303.1	701.3	362.0	248.9	210.4	185.5	174.2
35°	4708.0	4603.9	4135.6	2748.8	1257.9	640.2	325.8	226.2	176.5	151.6	138.0
37.5°	5015.6	4977.2	4395.8	2746.5	1192.3	604.0	300.9	210.4	167.4	140.3	124.4
40°	5330.1	5174.0	4554.1	2809.8	1158.3	576.9	282.8	201.3	158.4	133.5	113.1
42.5°	5565.4	5386.7	4737.4	2787.2	1117.6	529.4	276.0	187.8	151.6	122.2	104.1
45°	5628.7	5565.4	4902.5	2780.4	1088.2	490.9	264.7	185.5	147.1	115.4	97.3
47.5°	5750.9	5707.9	5106.1	2791.7	1065.6	461.5	237.5	190.0	140.3	108.6	92.8
50°	5805.2	5728.3	5271.3	2818.9	1013.5	425.3	212.7	199.1	138.0	106.3	88.2
52.5°	6029.2	5961.3	5497.5	2895.8	970.6	377.8	187.8	190.0	142.5	99.5	83.7
55°	6248.6	6171.7	5845.9	3072.3	909.5	339.4	160.6	167.4	135.7	90.5	74.7
57.5°	6549.5	6422.8	6079.0	3144.7	855.2	287.3	142.5	138.0	126.7	81.4	65.6
60°	6594.8	6646.8	6045.0	3099.4	798.6	253.4	124.4	106.3	135.7	72.4	56.6
62.5°	6746.3	6529.2	5886.7	2995.4	757.9	233.0	110.9	88.2	117.6	63.3	47.5
65°	6454.5	6293.9	5515.6	2660.5	705.9	235.3	97.3	72.4	74.7	52.0	38.5
67.5°	6026.9	5900.2	4900.3	2296.3	653.8	230.8	86.0	63.3	56.6	45.2	33.9
70°	5289.4	5015.6	4162.7	1864.2	576.9	214.9	72.4	56.6	47.5	36.2	24.9
72.5°	3848.3	3737.4	2986.3	1441.1	518.1	194.6	67.9	47.5	40.7	27.1	20.4
75°	2590.4	2407.1	1884.5	945.7	416.3	169.7	56.6	43.0	31.7	20.4	15.8
77.5°	1368.7	1294.1	1067.8	450.2	230.8	79.2	31.7	24.9	18.1	15.8	9.0
80°	592.7	527.1	461.5	183.3	81.4	36.2	20.4	13.6	11.3	9.0	4.5
82.5°	303.2	289.6	239.8	79.2	47.5	27.1	11.3	9.0	6.8	4.5	2.3
85°	149.3	153.8	126.7	24.9	27.1	15.8	2.3	2.3	0.0	0.0	0.0
87.5°	11.3	11.3	9.0	4.5	6.8	2.3	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°	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0
2.5°	2807.6	2839.3	2785.0	2818.9	2803.1	2809.8	2816.6	2798.5	2803.1	2866.4	2868.7
5°	2248.8	2309.9	2287.2	2318.9	2373.2	2346.1	2371.0	2366.4	2371.0	2380.0	2420.7
7.5°	1604.0	1585.9	1628.9	1712.6	1809.9	1868.7	1839.3	1823.5	1814.4	1791.8	1818.9
10°	1210.4	1201.3	1190.0	1214.9	1278.2	1343.8	1380.0	1319.0	1285.0	1242.0	1226.2
12.5°	1004.5	947.9	916.3	877.8	895.9	954.7	957.0	898.2	843.9	821.2	846.1
15°	791.8	753.4	696.8	642.5	615.4	660.6	622.1	565.6	495.5	486.4	484.1
17.5°	565.6	543.0	502.2	479.6	447.9	436.6	395.9	309.9	260.2	246.6	251.1
20°	384.6	366.5	364.2	343.9	330.3	321.3	255.6	199.1	183.3	185.5	187.8
22.5°	285.1	276.0	264.7	262.4	251.1	239.8	187.8	167.4	156.1	156.1	162.9
25°	233.0	228.5	217.2	212.7	208.1	192.3	158.4	142.5	138.0	133.5	140.3
27.5°	199.1	196.8	190.0	183.3	178.7	162.9	138.0	124.4	119.9	119.9	119.9
30°	178.7	178.7	169.7	156.1	156.1	138.0	117.6	108.6	104.1	104.1	101.8
32.5°	167.4	162.9	151.6	142.5	135.7	117.6	104.1	95.0	88.2	88.2	90.5
35°	135.7	135.7	133.5	126.7	117.6	99.5	88.2	79.2	74.7	72.4	74.7
37.5°	119.9	113.1	104.1	106.3	101.8	86.0	74.7	67.9	61.1	61.1	61.1
40°	108.6	101.8	92.8	86.0	83.7	76.9	65.6	54.3	47.5	45.2	45.2
42.5°	97.3	92.8	79.2	67.9	65.6	65.6	49.8	40.7	33.9	33.9	33.9
45°	90.5	83.7	72.4	58.8	47.5	49.8	40.7	29.4	24.9	22.6	22.6
47.5°	86.0	79.2	63.3	49.8	36.2	36.2	29.4	20.4	15.8	13.6	13.6
50°	79.2	72.4	56.6	40.7	27.1	22.6	18.1	11.3	6.8	4.5	4.5
52.5°	74.7	67.9	49.8	33.9	22.6	15.8	11.3	2.3	0.0	0.0	0.0
55°	67.9	58.8	43.0	27.1	18.1	9.0	2.3	0.0	0.0	0.0	0.0
57.5°	58.8	52.0	33.9	20.4	11.3	2.3	0.0	0.0	0.0	0.0	0.0
60°	49.8	43.0	27.1	15.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	40.7	36.2	20.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	33.9	27.1	15.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	29.4	22.6	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	22.6	15.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	15.8	11.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	11.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.3	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°	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0
2.5°	2877.7	2945.6	3008.9	3027.0	3076.8	3214.8	3214.8	3280.4	3398.1	3441.0	3450.1
5°	2427.5	2499.9	2513.5	2653.7	2719.4	2859.6	2952.4	3174.1	3307.6	3391.3	3443.3
7.5°	1846.1	1871.0	1923.0	2054.2	2183.2	2352.9	2529.3	2812.1	3047.4	3142.4	3318.9
10°	1269.2	1343.8	1457.0	1574.6	1776.0	1963.7	2192.2	2459.2	2748.8	2866.4	3018.0
12.5°	855.2	959.2	1140.2	1307.6	1493.2	1683.2	1900.4	2257.8	2585.9	2748.8	2900.3
15°	500.0	626.7	782.8	1054.3	1300.9	1513.5	1730.7	2092.7	2490.9	2701.3	2886.8
17.5°	253.4	291.8	420.8	656.1	981.9	1330.3	1653.8	2115.3	2563.3	2821.2	2975.0
20°	190.0	201.3	237.5	348.4	671.9	1099.5	1581.4	2149.2	2764.6	3079.1	3162.8
22.5°	165.2	174.2	190.0	226.2	377.8	841.6	1479.6	2232.9	3038.3	3334.7	3511.2
25°	140.3	149.3	162.9	185.5	242.1	572.4	1355.2	2321.2	3282.7	3656.0	3821.1
27.5°	122.2	129.0	142.5	160.6	196.8	364.2	1140.2	2438.8	3656.0	4045.1	4088.1
30°	104.1	110.9	122.2	142.5	167.4	257.9	837.1	2454.7	3861.8	4214.8	4334.7
32.5°	90.5	92.8	106.3	124.4	140.3	203.6	588.2	2470.5	4013.4	4434.2	4459.1
35°	74.7	79.2	92.8	104.1	122.2	160.6	445.7	2391.3	4210.2	4660.5	4653.7
37.5°	61.1	67.9	76.9	86.0	99.5	135.7	355.2	2244.3	4456.8	5011.1	4798.5
40°	47.5	54.3	63.3	74.7	83.7	122.2	267.0	2022.5	4714.8	5183.1	4956.8
42.5°	33.9	38.5	47.5	58.8	74.7	101.8	192.3	1760.1	4816.6	5384.4	5146.9
45°	24.9	29.4	36.2	49.8	76.9	81.4	133.5	1520.3	4925.2	5472.6	5103.9
47.5°	13.6	18.1	27.1	43.0	67.9	61.1	95.0	1305.4	5049.6	5551.8	5137.8
50°	4.5	6.8	15.8	45.2	54.3	47.5	74.7	1190.0	5171.7	5567.7	5205.7
52.5°	0.0	0.0	9.0	47.5	40.7	36.2	65.6	1144.8	5140.1	5617.4	5162.7
55°	0.0	0.0	2.3	20.4	22.6	27.1	54.3	1142.5	5364.0	5633.3	5398.0
57.5°	0.0	0.0	0.0	6.8	13.6	22.6	47.5	1070.1	5506.6	6026.9	5714.7
60°	0.0	0.0	0.0	2.3	9.0	15.8	36.2	1006.7	5651.4	6203.4	6054.1
62.5°	0.0	0.0	0.0	0.0	2.3	6.8	24.9	909.5	5359.5	6189.8	6382.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.8	719.4	4821.1	5866.3	6201.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.0	497.7	4221.6	5459.1	5868.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.9	3407.1	4787.1	4977.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0	2432.0	3800.8	4083.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	1504.5	2778.2	3126.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	975.1	2104.0	2373.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	520.3	1319.0	1533.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	226.2	800.9	923.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4	486.4	554.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	99.5
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: P599112  
 CATALOG NUMBER: IFLD-S-SA2D-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0	3208.0
2.5°	3454.6	3520.2	3545.1	3506.7	3511.2	3432.0	3420.7	3309.8	3264.6	3273.6
5°	3613.0	3708.0	3760.0	3717.1	3619.8	3468.2	3330.2	3199.0	3117.5	3076.8
7.5°	3576.8	3683.1	3748.7	3789.4	3678.6	3434.3	3223.9	2977.3	2873.2	2875.5
10°	3377.7	3599.4	3732.9	3680.9	3628.8	3384.5	3058.7	2791.7	2699.0	2708.0
12.5°	3217.1	3463.7	3542.9	3583.6	3477.2	3282.7	3063.2	2757.8	2653.7	2590.4
15°	3117.5	3300.8	3305.3	3368.7	3325.7	3325.7	3110.7	2812.1	2721.6	2651.5
17.5°	3117.5	3158.3	3153.7	3176.3	3248.7	3334.7	3230.6	3031.6	2852.8	2841.5
20°	3187.7	3061.0	3031.6	3040.6	3101.7	3357.3	3495.3	3246.5	3133.4	3097.2
22.5°	3350.6	3072.3	2893.6	2861.9	3049.7	3355.1	3665.0	3585.8	3389.0	3359.6
25°	3574.5	3051.9	2857.4	2816.6	2959.2	3436.5	3898.0	3913.9	3735.2	3674.1
27.5°	3787.2	3142.4	2852.8	2843.8	3031.6	3418.4	4058.7	4176.3	3975.0	3925.2
30°	3859.6	3232.9	2936.5	2816.6	3058.7	3484.0	4054.1	4361.8	4230.6	4241.9
32.5°	3945.6	3323.4	2945.6	2898.1	3174.1	3590.4	4183.1	4660.5	4565.4	4432.0
35°	4072.2	3445.6	3031.6	2988.6	3255.5	3685.4	4210.2	4879.9	4864.1	4708.0
37.5°	4180.8	3565.5	3210.3	3217.1	3504.4	3839.2	4330.2	5149.1	5122.0	5015.6
40°	4257.8	3732.9	3488.6	3506.7	3721.6	4011.2	4542.8	5284.9	5486.2	5330.1
42.5°	4269.1	3882.2	3807.5	3952.3	4153.7	4278.1	4628.8	5377.6	5667.2	5565.4
45°	4312.1	4119.8	4327.9	4434.2	4599.4	4513.4	4624.3	5536.0	5680.8	5628.7
47.5°	4479.5	4551.9	4814.3	5137.8	5196.6	4913.8	4732.9	5560.9	5757.7	5750.9
50°	4653.7	5015.6	5384.4	5599.3	5674.0	5189.8	4834.7	5540.5	5859.5	5805.2
52.5°	4848.2	5418.3	5950.0	6214.7	6174.0	5495.3	4950.0	5705.7	6047.3	6029.2
55°	4970.4	5599.3	6314.2	6683.0	6651.3	5836.9	5316.5	5943.2	6293.9	6248.6
57.5°	5293.9	5893.4	6676.2	6848.2	6931.9	6284.8	5572.2	6332.3	6499.8	6549.5
60°	5560.9	6085.7	6771.2	7020.1	7049.5	6551.8	6020.1	6732.8	6762.2	6594.8
62.5°	5952.3	6160.4	6569.9	6793.9	6945.4	6703.4	6422.8	6947.7	6757.7	6746.3
65°	6239.6	5916.1	6194.3	6318.8	6416.0	6472.6	6827.8	7094.8	6674.0	6454.5
67.5°	6079.0	5454.5	5402.5	5409.3	5438.7	5780.3	6692.1	6735.0	6207.9	6026.9
70°	5350.5	4474.9	4404.8	4459.1	4312.1	4723.8	6142.3	6121.9	5477.2	5289.4
72.5°	4327.9	3262.3	3142.4	3217.1	3251.0	3687.6	5167.2	4642.4	3995.3	3848.3
75°	3438.8	2391.3	2018.0	2199.0	2314.4	2685.4	4036.0	3153.7	2789.5	2590.4
77.5°	2701.3	1809.9	1570.1	1497.7	1604.0	1952.4	2936.5	1656.0	1461.5	1368.7
80°	1712.6	1330.3	1443.4	1339.3	1384.6	1393.6	1529.4	753.4	599.5	592.7
82.5°	1031.6	909.5	1081.4	595.0	1083.7	968.3	635.7	341.6	303.2	303.2
85°	730.7	563.3	373.3	242.1	481.9	531.7	246.6	176.5	153.8	149.3
87.5°	366.5	174.2	83.7	54.3	61.1	99.5	29.4	13.6	13.6	11.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)