

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: P599114

Luminaire Tested: **IFLD-S-SA3A-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: P599114  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-722-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (48) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

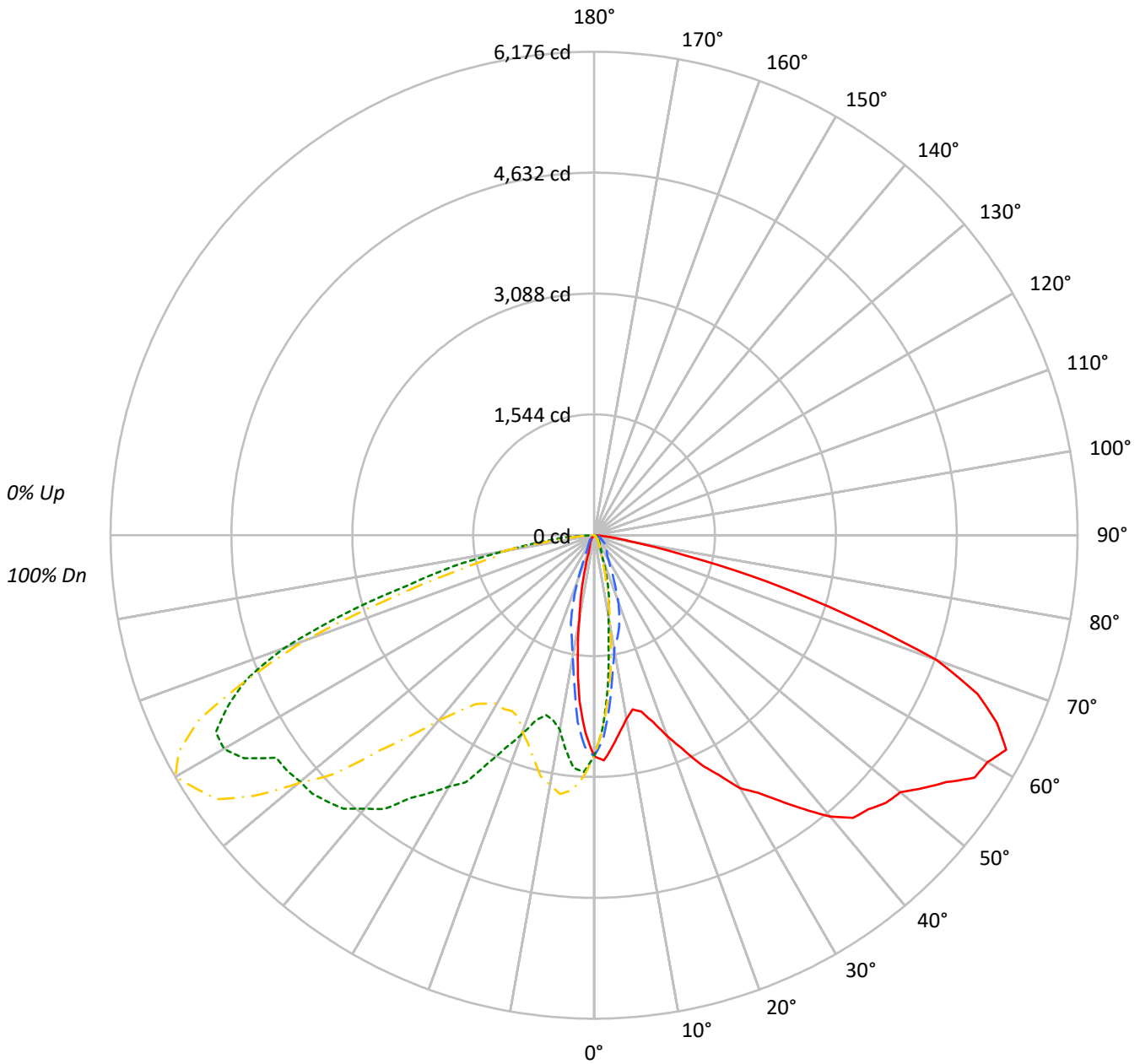
Lumens per Lamp: N/A  
 Luminaire Lumens: 7382.2 lumens  
 Efficiency: N/A  
 Efficacy: 77.9 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

	0°	90°	180°	270°
0°	40504	40504	40504	40504
5°	38996	28501	30681	42981
10°	34718	15518	15720	36749
15°	34658	10350	6328	35309
20°	41614	5167	2523	41370
25°	51184	3246	1954	50932
30°	61842	2605	1485	61448
35°	72564	2092	1151	71832
40°	87849	1789	746	85426
45°	100505	1616	404	97716
50°	114027	1556	89	109360
55°	137547	1494	0	124000
60°	166528	1257	0	156645
65°	192829	1015	0	175255
70°	195258	835	0	176719
75°	126363	555	0	135523
80°	43093	165	0	95898
85°	21638	0	0	70462

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	213.8	2.9
10°-20°	414.0	5.6
20°-30°	576.6	7.8
30°-40°	819.2	11.1
40°-50°	1136.0	15.4
50°-60°	1547.9	21.0
60°-70°	1701.8	23.1
70°-80°	836.4	11.3
80°-90°	136.6	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°	1204.3	16.3
0°-40°	2023.5	27.4
0°-60°	4707.4	63.8
0°-90°	7382.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7382.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2822	2822	2822	2822	2822	
5°	2707	1978	2130	2983	2707	248
15°	2333	697	426	2376	2333	690
25°	3232	205	123	3216	3232	1503
35°	4142	119	66	4100	4142	2629
45°	4952	80	20	4814	4952	3839
55°	5497	60	0	4956	5497	4945
65°	5678	30	0	5161	5678	5487
75°	2279	10	0	2444	2279	2484
85°	131	0	0	428	131	182
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°	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2
2.5°	2879.9	2913.7	2881.9	2770.4	2750.5	2696.8	2615.2	2609.2	2523.6	2533.6	2487.8
5°	2706.8	2740.6	2672.9	2525.6	2388.3	2278.8	2213.2	2095.7	2069.9	2012.2	2012.2
7.5°	2529.6	2527.6	2412.2	2288.8	2083.8	1882.8	1791.2	1622.1	1522.5	1468.8	1417.1
10°	2382.3	2350.5	2278.8	2024.1	1801.2	1592.2	1478.8	1367.3	1263.8	1174.3	1084.7
12.5°	2278.8	2298.7	2185.3	1908.7	1620.1	1474.8	1353.4	1236.0	1112.6	1011.1	911.5
15°	2332.6	2300.7	2167.4	1882.8	1590.2	1391.2	1230.0	1086.7	949.4	816.0	740.4
17.5°	2499.8	2418.2	2260.9	1882.8	1528.5	1263.8	1068.8	899.6	752.3	632.9	539.4
20°	2724.7	2631.1	2462.0	1952.4	1482.7	1170.3	903.6	690.6	537.4	425.9	354.3
22.5°	2955.5	2881.9	2627.1	1980.3	1429.0	1044.9	712.5	499.6	358.2	286.6	250.8
25°	3232.2	3128.7	2850.1	2091.8	1349.4	923.5	561.3	348.3	266.7	228.9	207.0
27.5°	3453.1	3435.2	3059.0	2159.4	1289.7	824.0	443.8	276.6	220.9	193.1	179.1
30°	3731.7	3634.2	3313.8	2294.8	1222.0	710.5	370.2	248.8	203.0	173.2	163.2
32.5°	3898.9	3853.1	3447.1	2370.4	1146.4	617.0	318.4	218.9	185.1	163.2	153.2
35°	4141.7	4050.2	3638.2	2418.2	1106.6	563.2	286.6	199.0	155.2	133.3	121.4
37.5°	4412.4	4378.6	3867.1	2416.2	1048.9	531.4	264.7	185.1	147.3	123.4	109.5
40°	4689.0	4551.7	4006.4	2471.9	1019.0	507.5	248.8	177.1	139.3	117.4	99.5
42.5°	4896.0	4738.8	4167.6	2452.0	983.2	465.7	242.8	165.2	133.3	107.5	91.6
45°	4951.8	4896.0	4312.9	2446.0	957.3	431.9	232.9	163.2	129.4	101.5	85.6
47.5°	5059.2	5021.4	4492.0	2456.0	937.4	406.0	209.0	167.2	123.4	95.5	81.6
50°	5107.0	5039.3	4637.3	2479.9	891.6	374.2	187.1	175.1	121.4	93.5	77.6
52.5°	5304.0	5244.3	4836.3	2547.5	853.8	332.4	165.2	167.2	125.4	87.6	73.6
55°	5497.1	5429.4	5142.8	2702.8	800.1	298.5	141.3	147.3	119.4	79.6	65.7
57.5°	5761.8	5650.3	5347.8	2766.5	752.3	252.8	125.4	121.4	111.5	71.6	57.7
60°	5801.6	5847.4	5318.0	2726.7	702.6	222.9	109.5	93.5	119.4	63.7	49.8
62.5°	5935.0	5743.9	5178.7	2635.1	666.7	205.0	97.5	77.6	103.5	55.7	41.8
65°	5678.2	5536.9	4852.3	2340.5	621.0	207.0	85.6	63.7	65.7	45.8	33.8
67.5°	5302.0	5190.6	4310.9	2020.1	575.2	203.0	75.6	55.7	49.8	39.8	29.9
70°	4653.2	4412.4	3662.1	1640.0	507.5	189.1	63.7	49.8	41.8	31.8	21.9
72.5°	3385.4	3287.9	2627.1	1267.8	455.8	171.2	59.7	41.8	35.8	23.9	17.9
75°	2278.8	2117.6	1657.9	831.9	366.2	149.3	49.8	37.8	27.9	17.9	13.9
77.5°	1204.1	1138.4	939.4	396.1	203.0	69.7	27.9	21.9	15.9	13.9	8.0
80°	521.4	463.7	406.0	161.2	71.6	31.8	17.9	11.9	10.0	8.0	4.0
82.5°	266.7	254.8	211.0	69.7	41.8	23.9	10.0	8.0	6.0	4.0	2.0
85°	131.4	135.3	111.5	21.9	23.9	13.9	2.0	2.0	0.0	0.0	0.0
87.5°	10.0	10.0	8.0	4.0	6.0	2.0	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2
2.5°	2469.9	2497.8	2450.0	2479.9	2465.9	2471.9	2477.9	2462.0	2465.9	2521.7	2523.6
5°	1978.3	2032.1	2012.2	2040.0	2087.8	2063.9	2085.8	2081.8	2085.8	2093.8	2129.6
7.5°	1411.1	1395.2	1433.0	1506.6	1592.2	1644.0	1618.1	1604.1	1596.2	1576.3	1600.2
10°	1064.8	1056.8	1046.9	1068.8	1124.5	1182.2	1214.1	1160.3	1130.5	1092.7	1078.7
12.5°	883.7	833.9	806.1	772.2	788.1	839.9	841.9	790.1	742.4	722.5	744.4
15°	696.6	662.8	613.0	565.2	541.4	581.2	547.3	497.6	435.9	427.9	425.9
17.5°	497.6	477.7	441.8	421.9	394.1	384.1	348.3	272.7	228.9	216.9	220.9
20°	338.3	322.4	320.4	302.5	290.6	282.6	224.9	175.1	161.2	163.2	165.2
22.5°	250.8	242.8	232.9	230.9	220.9	211.0	165.2	147.3	137.3	137.3	143.3
25°	205.0	201.0	191.1	187.1	183.1	169.2	139.3	125.4	121.4	117.4	123.4
27.5°	175.1	173.2	167.2	161.2	157.2	143.3	121.4	109.5	105.5	105.5	105.5
30°	157.2	157.2	149.3	137.3	137.3	121.4	103.5	95.5	91.6	91.6	89.6
32.5°	147.3	143.3	133.3	125.4	119.4	103.5	91.6	83.6	77.6	77.6	79.6
35°	119.4	119.4	117.4	111.5	103.5	87.6	77.6	69.7	65.7	63.7	65.7
37.5°	105.5	99.5	91.6	93.5	89.6	75.6	65.7	59.7	53.7	53.7	53.7
40°	95.5	89.6	81.6	75.6	73.6	67.7	57.7	47.8	41.8	39.8	39.8
42.5°	85.6	81.6	69.7	59.7	57.7	57.7	43.8	35.8	29.9	29.9	29.9
45°	79.6	73.6	63.7	51.7	41.8	43.8	35.8	25.9	21.9	19.9	19.9
47.5°	75.6	69.7	55.7	43.8	31.8	31.8	25.9	17.9	13.9	11.9	11.9
50°	69.7	63.7	49.8	35.8	23.9	19.9	15.9	10.0	6.0	4.0	4.0
52.5°	65.7	59.7	43.8	29.9	19.9	13.9	10.0	2.0	0.0	0.0	0.0
55°	59.7	51.7	37.8	23.9	15.9	8.0	2.0	0.0	0.0	0.0	0.0
57.5°	51.7	45.8	29.9	17.9	10.0	2.0	0.0	0.0	0.0	0.0	0.0
60°	43.8	37.8	23.9	13.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	35.8	31.8	17.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	29.9	23.9	13.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	25.9	19.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	19.9	13.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	13.9	10.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	10.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	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°	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2
2.5°	2531.6	2591.3	2647.0	2663.0	2706.8	2828.2	2828.2	2885.9	2989.4	3027.2	3035.1
5°	2135.5	2199.2	2211.2	2334.6	2392.3	2515.7	2597.3	2792.3	2909.8	2983.4	3029.2
7.5°	1624.1	1645.9	1691.7	1807.2	1920.6	2069.9	2225.1	2473.9	2680.9	2764.5	2919.7
10°	1116.5	1182.2	1281.7	1385.2	1562.4	1727.5	1928.6	2163.4	2418.2	2521.7	2655.0
12.5°	752.3	843.9	1003.1	1150.4	1313.6	1480.8	1671.8	1986.3	2274.9	2418.2	2551.5
15°	439.8	551.3	688.6	927.5	1144.4	1331.5	1522.5	1841.0	2191.3	2376.4	2539.6
17.5°	222.9	256.7	370.2	577.2	863.8	1170.3	1454.9	1860.9	2255.0	2481.9	2617.2
20°	167.2	177.1	209.0	306.5	591.1	967.3	1391.2	1890.7	2432.1	2708.7	2782.4
22.5°	145.3	153.2	167.2	199.0	332.4	740.4	1301.6	1964.4	2672.9	2933.6	3088.9
25°	123.4	131.4	143.3	163.2	213.0	503.5	1192.2	2042.0	2887.9	3216.3	3361.5
27.5°	107.5	113.4	125.4	141.3	173.2	320.4	1003.1	2145.5	3216.3	3558.6	3596.4
30°	91.6	97.5	107.5	125.4	147.3	226.9	736.4	2159.4	3397.4	3707.9	3813.3
32.5°	79.6	81.6	93.5	109.5	123.4	179.1	517.5	2173.4	3530.7	3900.9	3922.8
35°	65.7	69.7	81.6	91.6	107.5	141.3	392.1	2103.7	3703.9	4099.9	4094.0
37.5°	53.7	59.7	67.7	75.6	87.6	119.4	312.5	1974.3	3920.8	4408.4	4221.3
40°	41.8	47.8	55.7	65.7	73.6	107.5	234.9	1779.3	4147.7	4559.7	4360.7
42.5°	29.9	33.8	41.8	51.7	65.7	89.6	169.2	1548.4	4237.3	4736.8	4527.8
45°	21.9	25.9	31.8	43.8	67.7	71.6	117.4	1337.5	4332.8	4814.4	4490.0
47.5°	11.9	15.9	23.9	37.8	59.7	53.7	83.6	1148.4	4442.3	4884.1	4519.9
50°	4.0	6.0	13.9	39.8	47.8	41.8	65.7	1046.9	4549.7	4898.0	4579.6
52.5°	0.0	0.0	8.0	41.8	35.8	31.8	57.7	1007.1	4521.9	4941.8	4541.8
55°	0.0	0.0	2.0	17.9	19.9	23.9	47.8	1005.1	4718.9	4955.7	4748.8
57.5°	0.0	0.0	0.0	6.0	11.9	19.9	41.8	941.4	4844.3	5302.0	5027.4
60°	0.0	0.0	0.0	2.0	8.0	13.9	31.8	885.7	4971.7	5457.3	5325.9
62.5°	0.0	0.0	0.0	0.0	2.0	6.0	21.9	800.1	4714.9	5445.3	5614.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	13.9	632.9	4241.2	5160.7	5455.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	8.0	437.9	3713.8	4802.5	5162.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.7	2997.3	4211.4	4378.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.4	2139.5	3343.6	3592.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.8	1323.5	2444.0	2750.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	857.8	1850.9	2087.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	457.8	1160.3	1349.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	199.0	704.6	812.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.7	427.9	487.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7	87.6
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: P599114  
 CATALOG NUMBER: IFLD-S-SA3A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2	2822.2
2.5°	3039.1	3096.8	3118.7	3084.9	3088.9	3019.2	3009.3	2911.7	2871.9	2879.9
5°	3178.4	3262.0	3307.8	3270.0	3184.4	3051.1	2929.7	2814.2	2742.6	2706.8
7.5°	3146.6	3240.1	3297.9	3333.7	3236.2	3021.2	2836.1	2619.2	2527.6	2529.6
10°	2971.5	3166.5	3283.9	3238.2	3192.4	2977.4	2690.8	2456.0	2374.4	2382.3
12.5°	2830.1	3047.1	3116.7	3152.6	3059.0	2887.9	2694.8	2426.1	2334.6	2278.8
15°	2742.6	2903.8	2907.8	2963.5	2925.7	2925.7	2736.6	2473.9	2394.3	2332.6
17.5°	2742.6	2778.4	2774.4	2794.3	2858.0	2933.6	2842.1	2666.9	2509.7	2499.8
20°	2804.3	2692.8	2666.9	2674.9	2728.6	2953.5	3074.9	2856.0	2756.5	2724.7
22.5°	2947.6	2702.8	2545.5	2517.7	2682.9	2951.6	3224.2	3154.6	2981.4	2955.5
25°	3144.6	2684.9	2513.7	2477.9	2603.3	3023.2	3429.2	3443.1	3285.9	3232.2
27.5°	3331.7	2764.5	2509.7	2501.8	2666.9	3007.3	3570.5	3674.0	3496.9	3453.1
30°	3395.4	2844.1	2583.4	2477.9	2690.8	3065.0	3566.5	3837.2	3721.8	3731.7
32.5°	3471.0	2923.7	2591.3	2549.5	2792.3	3158.5	3680.0	4099.9	4016.3	3898.9
35°	3582.5	3031.2	2666.9	2629.1	2864.0	3242.1	3703.9	4293.0	4279.1	4141.7
37.5°	3678.0	3136.6	2824.2	2830.1	3082.9	3377.5	3809.4	4529.8	4505.9	4412.4
40°	3745.7	3283.9	3069.0	3084.9	3274.0	3528.7	3996.4	4649.2	4826.4	4689.0
42.5°	3755.6	3415.3	3349.6	3477.0	3654.1	3763.6	4072.1	4730.8	4985.6	4896.0
45°	3793.4	3624.3	3807.4	3900.9	4046.2	3970.6	4068.1	4870.2	4997.5	4951.8
47.5°	3940.7	4004.4	4235.3	4519.9	4571.6	4322.8	4163.6	4892.1	5065.2	5059.2
50°	4094.0	4412.4	4736.8	4925.9	4991.6	4565.7	4253.2	4874.1	5154.8	5107.0
52.5°	4265.1	4766.7	5234.4	5467.2	5431.4	4834.3	4354.7	5019.4	5320.0	5304.0
55°	4372.6	4925.9	5554.8	5879.2	5851.4	5134.9	4677.1	5228.4	5536.9	5497.1
57.5°	4657.2	5184.6	5873.3	6024.5	6098.2	5528.9	4902.0	5570.7	5718.0	5761.8
60°	4892.1	5353.8	5956.8	6175.8	6201.6	5763.8	5296.1	5923.0	5948.9	5801.6
62.5°	5236.4	5419.5	5779.7	5976.7	6110.1	5897.1	5650.3	6112.1	5944.9	5935.0
65°	5489.1	5204.5	5449.3	5558.8	5644.4	5694.1	6006.6	6241.5	5871.3	5678.2
67.5°	5347.8	4798.5	4752.7	4758.7	4784.6	5085.1	5887.2	5925.0	5461.3	5302.0
70°	4707.0	3936.7	3875.0	3922.8	3793.4	4155.7	5403.6	5385.6	4818.4	4653.2
72.5°	3807.4	2870.0	2764.5	2830.1	2860.0	3244.1	4545.8	4084.0	3514.8	3385.4
75°	3025.2	2103.7	1775.3	1934.5	2036.0	2362.4	3550.6	2774.4	2454.0	2278.8
77.5°	2376.4	1592.2	1381.2	1317.6	1411.1	1717.6	2583.4	1456.9	1285.7	1204.1
80°	1506.6	1170.3	1269.8	1178.2	1218.0	1226.0	1345.4	662.8	527.4	521.4
82.5°	907.6	800.1	951.3	523.4	953.3	851.8	559.3	300.5	266.7	266.7
85°	642.9	495.6	328.4	213.0	423.9	467.7	216.9	155.2	135.3	131.4
87.5°	322.4	153.2	73.6	47.8	53.7	87.6	25.9	11.9	11.9	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)