

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: P599375

Luminaire Tested: **IFLD-S-SA3A-722-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599375  
 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-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (48) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

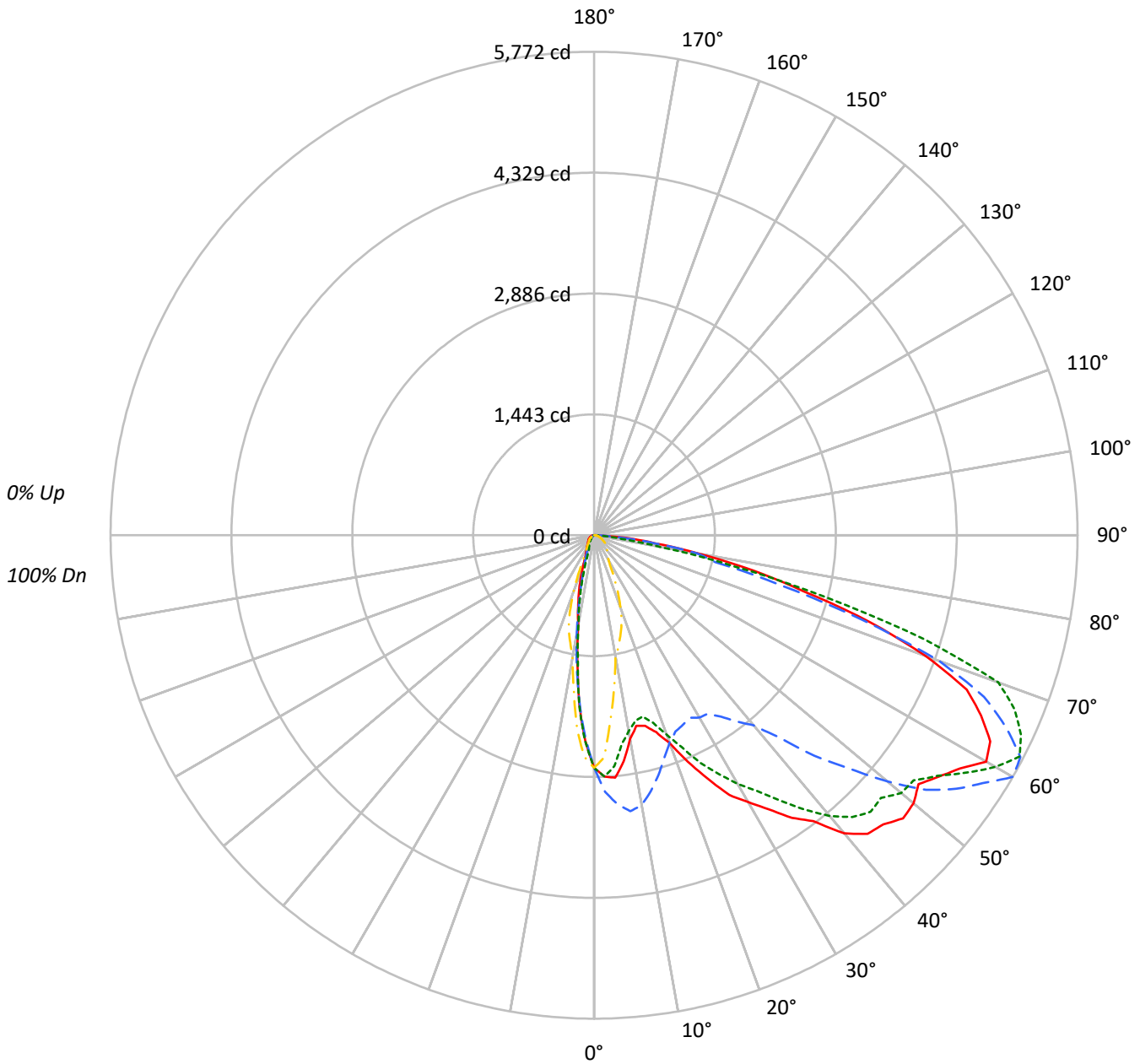
Lumens per Lamp: N/A  
 Luminaire Lumens: 7381.4 lumens  
 Efficiency: N/A  
 Efficacy: 77.9 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 94.8  
 Input Voltage (V): 120  
 Input Current (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				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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	39831	39831	39831	39831
5°	41857	39842	29107	29277
10°	35993	34614	15914	15541
15°	34998	33270	10338	7790
20°	40340	38654	5540	2769
25°	50723	47445	3590	2154
30°	60922	56773	2907	1763
35°	72144	67688	2383	1416
40°	87041	81945	2106	1072
45°	99098	94777	1961	721
50°	111171	106858	1936	440
55°	125719	125276	1924	198
60°	155138	158818	1754	57
65°	173102	190910	1606	0
70°	176509	215467	1490	0
75°	143625	158924	1420	0
80°	104427	66467	1463	0
85°	67514	27911	1943	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	210.8	2.9
10°-20°	413.5	5.6
20°-30°	572.1	7.8
30°-40°	808.6	11.0
40°-50°	1100.9	14.9
50°-60°	1458.1	19.8
60°-70°	1693.0	22.9
70°-80°	958.7	13.0
80°-90°	165.7	2.2
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°	1196.4	16.2
0°-40°	2005.0	27.2
0°-60°	4564.0	61.8
0°-90°	7381.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7381.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2775	2775	2775	2775	2775	
5°	2905	2766	2020	2032	2905	261
15°	2356	2239	696	524	2356	691
25°	3203	2996	227	136	3203	1494
35°	4118	3863	136	81	4118	2596
45°	4882	4670	97	36	4882	3785
55°	5024	5007	77	8	5024	4552
65°	5097	5622	47	0	5097	4969
75°	2590	2866	26	0	2590	2827
85°	410	170	12	0	410	493
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3
2.5°	2883.8	2944.9	2946.8	2974.4	3002.0	3002.0	3067.1	3051.3	2994.1	2984.3	2942.9
5°	2905.4	2927.1	2942.9	3082.8	3201.1	3189.3	3224.8	3201.1	3090.7	2948.8	2852.2
7.5°	2718.2	2741.8	2804.9	3043.4	3203.1	3256.3	3323.3	3175.5	3059.2	2802.9	2617.7
10°	2469.8	2515.2	2631.5	2903.5	3100.6	3270.1	3270.1	3151.8	2927.1	2676.8	2450.1
12.5°	2331.8	2422.5	2485.6	2761.5	3017.8	3134.1	3130.1	3067.1	2921.2	2605.8	2349.6
15°	2355.5	2381.1	2515.2	2730.0	2899.5	2893.6	2964.6	2944.9	2842.4	2668.9	2387.0
17.5°	2463.9	2503.3	2619.6	2730.0	2810.8	2787.2	2785.2	2879.8	2885.7	2775.3	2527.0
20°	2641.3	2757.6	2812.8	2846.3	2747.8	2647.2	2635.4	2767.5	2870.0	2911.4	2694.5
22.5°	2925.2	3002.0	3114.4	2942.9	2686.6	2560.5	2536.8	2682.7	2889.7	3073.0	2911.4
25°	3203.1	3262.2	3370.6	3149.9	2755.6	2542.8	2501.4	2627.5	2964.6	3297.7	3173.5
27.5°	3496.8	3548.0	3559.9	3301.6	2793.1	2507.3	2458.0	2627.5	3027.7	3416.0	3486.9
30°	3676.2	3737.3	3749.1	3435.7	2854.2	2536.8	2513.2	2639.3	3071.0	3516.5	3711.6
32.5°	3877.2	3893.0	3883.1	3459.3	2921.2	2623.6	2525.0	2718.2	3120.3	3636.7	3916.6
35°	4117.7	4145.3	4044.8	3567.7	3071.0	2678.8	2643.3	2814.8	3205.1	3691.9	4165.0
37.5°	4301.0	4387.7	4161.0	3609.1	3100.6	2795.1	2801.0	3015.8	3264.2	3758.9	4439.0
40°	4645.9	4500.1	4358.2	3751.1	3212.9	2992.2	2960.6	3222.8	3463.3	3802.3	4618.4
42.5°	4835.2	4758.3	4435.0	3764.9	3386.4	3264.2	3272.1	3457.4	3567.7	3924.5	4667.6
45°	4882.5	4801.7	4539.5	3774.7	3557.9	3585.5	3721.5	3757.0	3721.5	4005.3	4760.3
47.5°	5002.7	4827.3	4527.7	3906.8	3835.8	3942.3	4115.7	4192.6	3930.4	3975.8	4803.6
50°	4979.1	4878.5	4502.1	3962.0	4174.8	4456.7	4573.0	4541.5	4163.0	3914.7	4756.3
52.5°	4880.5	4772.1	4580.9	4111.8	4492.2	4833.2	4994.8	4916.0	4370.0	4052.6	4724.8
55°	5024.4	4941.6	4683.4	4314.8	4730.7	5164.4	5278.7	5219.5	4624.3	4180.8	4904.2
57.5°	5180.1	5162.4	4961.3	4553.3	5012.6	5505.4	5505.4	5432.4	4845.0	4366.0	5170.3
60°	5404.8	5444.3	5166.3	4711.0	5109.2	5485.6	5771.5	5686.7	5067.8	4691.3	5471.8
62.5°	5331.9	5458.1	5430.5	5050.0	5219.5	5582.2	5738.0	5801.0	5343.7	5087.5	5874.0
65°	5097.3	5231.4	5428.5	5272.8	5136.8	5347.7	5426.5	5617.7	5481.7	5460.0	6039.5
67.5°	4817.4	4963.3	5085.5	5422.6	4969.2	5109.2	5040.2	5101.3	5331.9	5868.0	6134.1
70°	4206.4	4346.3	4539.5	5089.4	4525.7	4399.6	4381.8	4352.2	4711.0	5722.2	5704.4
72.5°	3459.3	3524.4	3843.7	4137.4	3348.9	3325.3	3352.9	3319.4	3735.3	5180.1	4886.4
75°	2590.1	2655.1	2836.5	3177.5	2280.6	2144.6	2302.3	2458.0	2852.2	4021.1	3510.6
77.5°	1947.5	2030.3	2144.6	2377.2	1673.5	1460.6	1482.3	1630.1	2061.8	3220.8	1967.2
80°	1263.5	1253.6	1474.4	1636.0	1259.6	1299.0	1243.8	1352.2	1494.1	1722.8	1005.3
82.5°	729.3	739.2	831.8	938.3	877.2	1003.3	723.4	1208.3	1066.4	701.7	374.5
85°	410.0	427.7	512.5	650.5	549.9	368.6	301.6	599.2	670.2	287.8	181.3
87.5°	41.4	35.5	69.0	246.4	149.8	61.1	90.7	143.9	161.6	108.4	53.2
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3
2.5°	2883.8	2883.8	2834.5	2751.7	2718.2	2659.1	2578.2	2603.9	2576.3	2475.7	2450.1
5°	2765.5	2670.9	2568.4	2442.2	2369.3	2219.5	2172.2	2087.4	2101.2	2016.5	2020.4
7.5°	2519.1	2444.2	2270.7	2105.2	1961.3	1831.2	1647.9	1578.9	1511.9	1478.3	1517.8
10°	2375.2	2235.3	1998.7	1781.9	1590.7	1474.4	1352.2	1257.6	1170.8	1105.8	1092.0
12.5°	2270.7	2146.6	1860.7	1596.6	1446.8	1352.2	1239.8	1109.7	1025.0	912.6	879.1
15°	2239.2	2087.4	1785.8	1523.7	1377.8	1222.1	1094.0	965.9	855.5	737.2	695.8
17.5°	2347.6	2172.2	1783.9	1464.5	1259.6	1092.0	914.6	770.7	658.4	549.9	524.3
20°	2530.9	2262.9	1841.0	1429.1	1147.2	922.5	721.4	577.5	451.4	380.4	362.7
22.5°	2739.9	2416.6	1846.9	1334.5	1034.8	753.0	526.3	380.4	309.5	276.0	266.1
25°	2996.1	2663.0	1917.9	1257.6	902.8	571.6	374.5	291.7	250.3	230.6	226.7
27.5°	3207.0	2834.5	1994.8	1176.8	772.7	423.8	293.7	238.5	216.8	197.1	195.1
30°	3425.8	3031.6	2016.5	1127.5	660.3	348.9	252.3	210.9	187.3	177.4	175.4
32.5°	3617.0	3246.4	2085.5	1046.7	553.9	307.5	228.7	189.2	173.5	157.7	155.7
35°	3863.4	3370.6	2119.0	1003.3	514.5	277.9	208.9	173.5	149.8	140.0	136.0
37.5°	4127.5	3490.9	2140.6	969.8	481.0	260.2	197.1	163.6	141.9	128.1	124.2
40°	4373.9	3660.4	2109.1	928.4	455.3	238.5	189.2	151.8	132.1	118.3	112.4
42.5°	4563.2	3826.0	2099.3	889.0	427.7	230.6	179.4	145.9	124.2	108.4	106.4
45°	4669.6	3938.3	2030.3	857.4	406.1	234.6	175.4	138.0	118.3	104.5	96.6
47.5°	4644.0	4025.0	2048.0	847.6	376.5	218.8	173.5	132.1	108.4	96.6	90.7
50°	4785.9	4200.5	2018.4	816.0	354.8	197.1	189.2	132.1	106.4	92.6	86.7
52.5°	4809.5	4360.1	2081.5	758.9	321.3	181.3	187.3	130.1	102.5	88.7	80.8
55°	5006.7	4545.4	2203.7	727.3	293.7	157.7	171.5	126.2	92.6	80.8	76.9
57.5°	5274.7	4929.8	2282.6	697.8	256.2	138.0	143.9	124.2	84.8	74.9	69.0
60°	5533.0	5083.5	2288.5	644.6	220.8	124.2	112.4	124.2	78.8	67.0	61.1
62.5°	5726.1	5083.5	2249.1	599.2	193.2	110.4	98.6	118.3	71.0	59.1	55.2
65°	5621.7	4947.5	2146.6	561.8	175.4	96.6	84.8	90.7	63.1	51.2	47.3
67.5°	5434.4	4523.7	1919.9	516.4	173.5	84.8	72.9	67.0	55.2	45.3	41.4
70°	5134.8	3952.1	1598.6	465.2	169.5	76.9	65.0	57.2	49.3	39.4	35.5
72.5°	4137.4	3264.2	1312.8	435.6	165.6	67.0	55.2	49.3	41.4	33.5	29.6
75°	2866.0	2085.5	1011.2	372.5	161.6	61.1	51.2	43.4	35.5	27.6	25.6
77.5°	1718.8	1393.6	652.4	279.9	106.4	49.3	43.4	33.5	29.6	23.7	21.7
80°	804.2	658.4	264.1	108.4	51.2	35.5	29.6	25.6	23.7	19.7	17.7
82.5°	315.4	277.9	128.1	63.1	41.4	27.6	23.7	21.7	19.7	15.8	13.8
85°	169.5	149.8	61.1	43.4	29.6	19.7	19.7	17.7	15.8	13.8	11.8
87.5°	37.5	27.6	25.6	25.6	21.7	15.8	15.8	13.8	11.8	9.9	7.9
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°	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3
2.5°	2436.3	2465.9	2418.6	2448.1	2406.7	2438.3	2442.2	2412.7	2420.5	2460.0	2477.7
5°	2075.6	2055.9	2012.5	1998.7	2000.7	1975.1	1984.9	1998.7	2020.4	2032.2	2067.7
7.5°	1496.1	1541.4	1539.5	1573.0	1574.9	1571.0	1543.4	1484.3	1504.0	1488.2	1507.9
10°	1070.3	1090.0	1127.5	1149.2	1188.6	1166.9	1103.8	1080.2	1068.4	1066.4	1086.1
12.5°	855.5	808.2	804.2	812.1	831.8	806.2	774.7	747.1	760.9	788.5	810.1
15°	662.3	622.9	571.6	563.7	567.7	555.9	522.3	486.9	496.7	524.3	540.1
17.5°	508.6	463.2	427.7	404.1	396.2	354.8	305.5	276.0	268.1	266.1	279.9
20°	343.0	335.1	329.2	299.6	299.6	240.5	199.1	177.4	177.4	181.3	183.3
22.5°	256.2	246.4	248.4	242.4	226.7	179.4	157.7	151.8	151.8	155.7	155.7
25°	222.7	208.9	205.0	203.0	187.3	153.7	138.0	132.1	132.1	136.0	136.0
27.5°	189.2	185.3	179.4	171.5	157.7	132.1	122.2	116.3	118.3	120.2	118.3
30°	173.5	163.6	155.7	155.7	140.0	118.3	110.4	106.4	102.5	106.4	108.4
32.5°	153.7	147.8	143.9	138.0	120.2	104.5	96.6	92.6	90.7	90.7	92.6
35°	132.1	132.1	128.1	120.2	104.5	94.6	84.8	80.8	78.8	80.8	80.8
37.5°	118.3	112.4	114.3	106.4	92.6	82.8	72.9	69.0	69.0	67.0	69.0
40°	110.4	100.5	94.6	90.7	82.8	71.0	63.1	59.1	57.2	57.2	57.2
42.5°	98.6	90.7	78.8	76.9	74.9	61.1	51.2	49.3	47.3	45.3	45.3
45°	92.6	80.8	71.0	61.1	61.1	51.2	43.4	39.4	37.5	35.5	37.5
47.5°	84.8	72.9	61.1	51.2	49.3	41.4	33.5	29.6	27.6	27.6	27.6
50°	80.8	65.0	53.2	43.4	37.5	33.5	25.6	21.7	19.7	19.7	19.7
52.5°	74.9	61.1	47.3	37.5	29.6	25.6	19.7	15.8	13.8	13.8	13.8
55°	67.0	55.2	41.4	31.5	25.6	19.7	13.8	9.9	7.9	7.9	7.9
57.5°	63.1	49.3	35.5	27.6	19.7	13.8	7.9	5.9	5.9	3.9	5.9
60°	57.2	43.4	29.6	21.7	15.8	9.9	5.9	2.0	2.0	2.0	2.0
62.5°	49.3	37.5	25.6	17.7	11.8	5.9	2.0	0.0	0.0	0.0	0.0
65°	41.4	29.6	19.7	13.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0
67.5°	35.5	25.6	15.8	9.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	31.5	21.7	11.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	25.6	17.7	9.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	21.7	13.8	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	17.7	9.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	13.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	2.0	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



TEST NUMBER: P599375  
 CATALOG NUMBER: IFLD-S-SA3A-722-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3	2775.3
2.5°	2503.3	2491.5	2550.6	2647.2	2696.5	2793.1	2816.7	2877.8	2862.1	2883.8
5°	2071.7	2095.3	2182.0	2324.0	2375.2	2515.2	2647.2	2779.3	2864.0	2905.4
7.5°	1537.5	1616.3	1722.8	1852.9	1984.9	2168.2	2392.9	2546.7	2629.5	2718.2
10°	1145.2	1230.0	1352.2	1480.3	1695.2	1900.2	2124.9	2316.1	2387.0	2469.8
12.5°	900.8	1032.9	1174.8	1312.8	1440.9	1636.0	1914.0	2191.9	2268.8	2331.8
15°	626.8	788.5	991.5	1170.8	1350.2	1519.7	1807.5	2144.6	2249.1	2355.5
17.5°	346.9	475.0	707.6	959.9	1224.1	1484.3	1843.0	2231.3	2389.0	2463.9
20°	201.1	252.3	417.9	717.5	1066.4	1407.4	1860.7	2394.9	2603.9	2641.3
22.5°	165.6	183.3	236.5	449.4	873.2	1358.1	1951.4	2623.6	2836.5	2925.2
25°	141.9	155.7	183.3	270.0	660.3	1253.6	2008.6	2909.4	3106.5	3203.1
27.5°	126.2	140.0	161.6	199.1	449.4	1109.7	2103.2	3167.6	3364.7	3496.8
30°	110.4	122.2	143.9	169.5	311.4	948.1	2184.0	3356.8	3634.8	3676.2
32.5°	98.6	108.4	124.2	145.9	230.6	719.5	2249.1	3552.0	3786.5	3877.2
35°	84.8	96.6	106.4	124.2	175.4	542.1	2209.6	3703.7	4009.3	4117.7
37.5°	74.9	82.8	92.6	104.5	147.8	423.8	2128.8	3885.1	4200.5	4301.0
40°	63.1	69.0	80.8	92.6	134.0	327.2	2036.2	4103.9	4468.5	4645.9
42.5°	53.2	59.1	67.0	86.7	110.4	242.4	1848.9	4273.4	4685.4	4835.2
45°	41.4	49.3	61.1	86.7	88.7	179.4	1655.7	4399.6	4807.6	4882.5
47.5°	31.5	39.4	59.1	74.9	71.0	124.2	1427.1	4543.4	4933.7	5002.7
50°	23.7	31.5	67.0	65.0	59.1	94.6	1283.2	4644.0	4941.6	4979.1
52.5°	15.8	23.7	55.2	49.3	49.3	82.8	1243.8	4640.0	4961.3	4880.5
55°	11.8	17.7	31.5	35.5	43.4	72.9	1208.3	4787.9	4967.2	5024.4
57.5°	7.9	13.8	21.7	27.6	37.5	63.1	1135.4	4965.3	5150.6	5180.1
60°	3.9	9.9	15.8	21.7	31.5	55.2	1032.9	5095.4	5373.3	5404.8
62.5°	2.0	5.9	11.8	17.7	25.6	43.4	926.4	4888.4	5276.7	5331.9
65°	0.0	3.9	7.9	11.8	15.8	31.5	753.0	4413.4	4894.3	5097.3
67.5°	0.0	0.0	3.9	7.9	9.9	23.7	567.7	4015.2	4541.5	4817.4
70°	0.0	0.0	2.0	2.0	5.9	17.7	362.7	3325.3	4054.6	4206.4
72.5°	0.0	0.0	0.0	0.0	2.0	11.8	210.9	2469.8	3177.5	3459.3
75°	0.0	0.0	0.0	0.0	0.0	9.9	106.4	1588.7	2211.6	2590.1
77.5°	0.0	0.0	0.0	0.0	0.0	7.9	57.2	1025.0	1630.1	1947.5
80°	0.0	0.0	0.0	0.0	0.0	2.0	33.5	595.3	1042.7	1263.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.8	291.7	622.9	729.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	155.7	311.4	410.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	21.7	41.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)