

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: P599337

Luminaire Tested: **IFLD-L-SA8A-827-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: P599337  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8A-827-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (128) 2700K CCT, 80 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

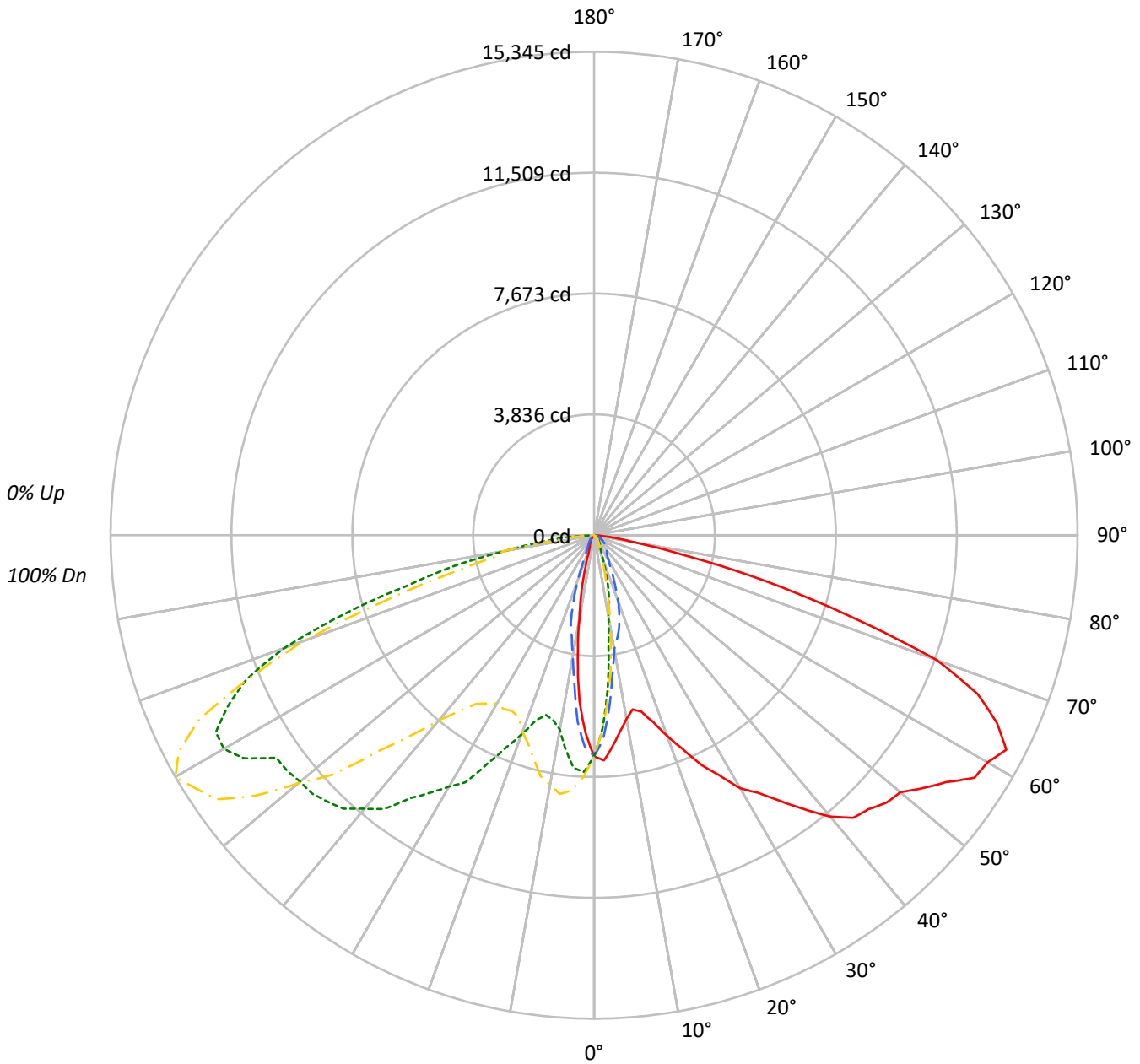
Lumens per Lamp: N/A  
 Luminaire Lumens: 18342.8 lumens  
 Efficiency: N/A  
 Efficacy: 74.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 247.8  
 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				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	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	29	23	18	16

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

	0°	90°	180°	270°
0°	37740	37740	37740	37740
5°	36335	26557	28587	40049
10°	32350	14459	14648	34242
15°	32294	9644	5897	32900
20°	38775	4815	2351	38548
25°	47692	3025	1821	47457
30°	57624	2428	1383	57255
35°	67615	1949	1072	66932
40°	81857	1668	695	79598
45°	93648	1506	377	91051
50°	106248	1449	83	101901
55°	128164	1392	0	115542
60°	155167	1171	0	145959
65°	179674	945	0	163300
70°	181939	779	0	164662
75°	117746	514	0	126280
80°	40158	152	0	89357
85°	20156	0	0	65654

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	531.2	2.9
10°-20°	1028.6	5.6
20°-30°	1432.6	7.8
30°-40°	2035.5	11.1
40°-50°	2822.7	15.4
50°-60°	3846.1	21.0
60°-70°	4228.5	23.1
70°-80°	2078.3	11.3
80°-90°	339.4	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°	2992.4	16.3
0°-40°	5027.9	27.4
0°-60°	11696.7	63.8
0°-90°	18342.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18342.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7012	7012	7012	7012	7012	
5°	6726	4916	5292	7413	6726	615
15°	5796	1731	1058	5905	5796	1715
25°	8031	509	307	7992	8031	3734
35°	10291	297	163	10187	10291	6532
45°	12304	198	50	11963	12304	9538
55°	13659	148	0	12314	13659	12287
65°	14109	74	0	12823	14109	13635
75°	5662	25	0	6073	5662	6173
85°	326	0	0	1063	326	451
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°	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4
2.5°	7155.8	7239.9	7160.8	6883.8	6834.4	6700.9	6498.1	6483.3	6270.6	6295.4	6181.6
5°	6725.6	6809.7	6641.5	6275.6	5934.4	5662.4	5499.2	5207.4	5143.1	4999.7	4999.7
7.5°	6285.5	6280.5	5993.7	5687.1	5177.7	4678.2	4450.8	4030.4	3783.1	3649.6	3521.0
10°	5919.5	5840.4	5662.4	5029.4	4475.5	3956.2	3674.4	3397.4	3140.3	2917.7	2695.2
12.5°	5662.4	5711.8	5429.9	4742.5	4025.5	3664.5	3362.8	3071.0	2764.4	2512.2	2264.9
15°	5795.9	5716.8	5385.4	4678.2	3951.3	3456.8	3056.2	2700.1	2358.9	2027.6	1839.6
17.5°	6211.3	6008.5	5617.9	4678.2	3798.0	3140.3	2655.6	2235.3	1869.3	1572.6	1340.2
20°	6770.1	6537.7	6117.3	4851.3	3684.2	2907.8	2245.2	1716.0	1335.2	1058.3	880.3
22.5°	7343.8	7160.8	6527.8	4920.6	3550.7	2596.3	1770.4	1241.3	890.2	712.1	623.1
25°	8031.2	7774.0	7081.7	5197.5	3352.9	2294.6	1394.6	865.4	662.7	568.7	514.3
27.5°	8580.1	8535.6	7600.9	5365.6	3204.6	2047.4	1102.8	687.4	548.9	479.7	445.1
30°	9272.4	9030.1	8233.9	5701.9	3036.4	1765.5	919.8	618.2	504.4	430.2	405.5
32.5°	9687.8	9574.1	8565.2	5889.8	2848.5	1533.0	791.2	544.0	459.9	405.5	380.8
35°	10291.2	10063.7	9040.0	6008.5	2749.6	1399.5	712.1	494.5	385.7	331.3	301.7
37.5°	10963.7	10879.6	9608.7	6003.6	2606.2	1320.4	657.7	459.9	366.0	306.6	272.0
40°	11651.1	11309.9	9954.9	6142.1	2532.0	1261.0	618.2	440.1	346.2	291.8	247.3
42.5°	12165.4	11774.7	10355.4	6092.6	2443.0	1157.2	603.3	410.5	331.3	267.0	227.5
45°	12303.9	12165.4	10716.5	6077.8	2378.7	1073.1	578.6	405.5	321.4	252.2	212.6
47.5°	12570.9	12477.0	11161.5	6102.5	2329.2	1008.8	519.3	415.4	306.6	237.4	202.8
50°	12689.6	12521.5	11522.5	6161.8	2215.5	929.7	464.9	435.2	301.7	232.4	192.9
52.5°	13179.2	13030.8	12017.1	6330.0	2121.5	825.9	410.5	415.4	311.6	217.6	183.0
55°	13658.9	13490.8	12778.6	6715.7	1988.0	741.8	351.1	366.0	296.7	197.8	163.2
57.5°	14316.6	14039.7	13288.0	6874.0	1869.3	628.1	311.6	301.7	276.9	178.0	143.4
60°	14415.5	14529.3	13213.8	6775.1	1745.7	553.9	272.0	232.4	296.7	158.2	123.6
62.5°	14746.9	14272.1	12867.7	6547.6	1656.7	509.4	242.3	192.9	257.2	138.5	103.9
65°	14108.9	13757.8	12056.6	5815.7	1542.9	514.3	212.6	158.2	163.2	113.7	84.1
67.5°	13174.3	12897.3	10711.5	5019.5	1429.2	504.4	187.9	138.5	123.6	98.9	74.2
70°	11562.1	10963.7	9099.3	4074.9	1261.0	469.8	158.2	123.6	103.9	79.1	54.4
72.5°	8411.9	8169.6	6527.8	3150.2	1132.5	425.3	148.4	103.9	89.0	59.3	44.5
75°	5662.4	5261.8	4119.4	2067.1	909.9	370.9	123.6	94.0	69.2	44.5	34.6
77.5°	2991.9	2828.7	2334.2	984.1	504.4	173.1	69.2	54.4	39.6	34.6	19.8
80°	1295.7	1152.3	1008.8	400.6	178.0	79.1	44.5	29.7	24.7	19.8	9.9
82.5°	662.7	633.0	524.2	173.1	103.9	59.3	24.7	19.8	14.8	9.9	4.9
85°	326.4	336.3	276.9	54.4	59.3	34.6	4.9	4.9	0.0	0.0	0.0
87.5°	24.7	24.7	19.8	9.9	14.8	4.9	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°	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4
2.5°	6137.1	6206.3	6087.7	6161.8	6127.2	6142.1	6156.9	6117.3	6127.2	6265.7	6270.6
5°	4915.6	5049.1	4999.7	5068.9	5187.6	5128.3	5182.7	5172.8	5182.7	5202.4	5291.5
7.5°	3506.2	3466.7	3560.6	3743.6	3956.2	4084.8	4020.5	3985.9	3966.1	3916.7	3976.0
10°	2645.7	2626.0	2601.2	2655.6	2794.1	2937.5	3016.6	2883.1	2808.9	2715.0	2680.3
12.5°	2195.7	2072.1	2002.8	1918.8	1958.3	2086.9	2091.9	1963.3	1844.6	1795.1	1849.5
15°	1730.9	1646.8	1523.2	1404.5	1345.1	1444.0	1360.0	1236.3	1083.0	1063.2	1058.3
17.5°	1236.3	1186.9	1097.9	1048.4	979.2	954.4	865.4	677.5	568.7	539.0	548.9
20°	840.7	801.1	796.2	751.7	722.0	702.2	558.8	435.2	400.6	405.5	410.5
22.5°	623.1	603.3	578.6	573.7	548.9	524.2	410.5	366.0	341.2	341.2	356.1
25°	509.4	499.5	474.7	464.9	455.0	420.3	346.2	311.6	301.7	291.8	306.6
27.5°	435.2	430.2	415.4	400.6	390.7	356.1	301.7	272.0	262.1	262.1	262.1
30°	390.7	390.7	370.9	341.2	341.2	301.7	257.2	237.4	227.5	227.5	222.5
32.5°	366.0	356.1	331.3	311.6	296.7	257.2	227.5	207.7	192.9	192.9	197.8
35°	296.7	296.7	291.8	276.9	257.2	217.6	192.9	173.1	163.2	158.2	163.2
37.5°	262.1	247.3	227.5	232.4	222.5	187.9	163.2	148.4	133.5	133.5	133.5
40°	237.4	222.5	202.8	187.9	183.0	168.1	143.4	118.7	103.9	98.9	98.9
42.5°	212.6	202.8	173.1	148.4	143.4	143.4	108.8	89.0	74.2	74.2	74.2
45°	197.8	183.0	158.2	128.6	103.9	108.8	89.0	64.3	54.4	49.5	49.5
47.5°	187.9	173.1	138.5	108.8	79.1	79.1	64.3	44.5	34.6	29.7	29.7
50°	173.1	158.2	123.6	89.0	59.3	49.5	39.6	24.7	14.8	9.9	9.9
52.5°	163.2	148.4	108.8	74.2	49.5	34.6	24.7	4.9	0.0	0.0	0.0
55°	148.4	128.6	94.0	59.3	39.6	19.8	4.9	0.0	0.0	0.0	0.0
57.5°	128.6	113.7	74.2	44.5	24.7	4.9	0.0	0.0	0.0	0.0	0.0
60°	108.8	94.0	59.3	34.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	89.0	79.1	44.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	74.2	59.3	34.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	64.3	49.5	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	49.5	34.6	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.6	24.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.7	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.9	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°	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4
2.5°	6290.4	6438.8	6577.2	6616.8	6725.6	7027.3	7027.3	7170.7	7427.8	7521.8	7541.6
5°	5306.3	5464.5	5494.2	5800.8	5944.2	6250.9	6453.6	6938.2	7230.0	7413.0	7526.7
7.5°	4035.4	4089.8	4203.5	4490.3	4772.2	5143.1	5528.8	6147.0	6661.3	6869.0	7254.7
10°	2774.3	2937.5	3184.8	3441.9	3882.1	4292.5	4792.0	5375.5	6008.5	6265.7	6597.0
12.5°	1869.3	2096.8	2492.4	2858.4	3263.9	3679.3	4154.0	4935.4	5652.5	6008.5	6339.9
15°	1092.9	1369.8	1711.1	2304.5	2843.5	3308.4	3783.1	4574.4	5444.8	5904.7	6310.2
17.5°	553.9	637.9	919.8	1434.1	2146.3	2907.8	3615.0	4623.8	5603.0	6166.8	6503.1
20°	415.4	440.1	519.3	761.6	1468.8	2403.4	3456.8	4698.0	6043.1	6730.5	6913.5
22.5°	361.0	380.8	415.4	494.5	825.9	1839.6	3234.2	4881.0	6641.5	7289.4	7675.1
25°	306.6	326.4	356.1	405.5	529.1	1251.2	2962.2	5073.9	7175.6	7991.6	8352.6
27.5°	267.0	281.9	311.6	351.1	430.2	796.2	2492.4	5331.0	7991.6	8842.2	8936.1
30°	227.5	242.3	267.0	311.6	366.0	563.8	1829.8	5365.6	8441.6	9213.1	9475.2
32.5°	197.8	202.8	232.4	272.0	306.6	445.1	1285.8	5400.3	8773.0	9692.8	9747.2
35°	163.2	173.1	202.8	227.5	267.0	351.1	974.2	5227.2	9203.2	10187.3	10172.5
37.5°	133.5	148.4	168.1	187.9	217.6	296.7	776.4	4905.7	9742.2	10953.8	10489.0
40°	103.9	118.7	138.5	163.2	183.0	267.0	583.5	4421.1	10306.0	11329.7	10835.1
42.5°	74.2	84.1	103.9	128.6	163.2	222.5	420.3	3847.4	10528.5	11769.8	11250.5
45°	54.4	64.3	79.1	108.8	168.1	178.0	291.8	3323.2	10765.9	11962.7	11156.6
47.5°	29.7	39.6	59.3	94.0	148.4	133.5	207.7	2853.4	11037.9	12135.7	11230.8
50°	9.9	14.8	34.6	98.9	118.7	103.9	163.2	2601.2	11304.9	12170.4	11379.1
52.5°	0.0	0.0	19.8	103.9	89.0	79.1	143.4	2502.3	11235.7	12279.2	11285.2
55°	0.0	0.0	4.9	44.5	49.5	59.3	118.7	2497.4	11725.3	12313.8	11799.5
57.5°	0.0	0.0	0.0	14.8	29.7	49.5	103.9	2339.1	12036.8	13174.3	12491.8
60°	0.0	0.0	0.0	4.9	19.8	34.6	79.1	2200.7	12353.3	13560.0	13233.6
62.5°	0.0	0.0	0.0	0.0	4.9	14.8	54.4	1988.0	11715.4	13530.3	13950.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	34.6	1572.6	10538.4	12823.1	13555.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.8	1088.0	9227.9	11933.0	12828.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	657.7	7447.6	10464.2	10879.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.9	5316.2	8308.1	8926.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.7	3288.6	6072.8	6834.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5	2131.4	4599.1	5187.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	1137.4	2883.1	3352.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	494.5	1750.6	2017.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.2	1063.2	1211.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163.2	217.6
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: P599337  
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4	7012.4
2.5°	7551.5	7694.9	7749.3	7665.2	7675.1	7502.0	7477.3	7235.0	7136.1	7155.8
5°	7897.6	8105.3	8219.1	8125.1	7912.5	7581.1	7279.5	6992.6	6814.6	6725.6
7.5°	7818.5	8050.9	8194.4	8283.4	8041.0	7507.0	7047.0	6508.0	6280.5	6285.5
10°	7383.3	7868.0	8159.7	8046.0	7932.3	7398.2	6686.0	6102.5	5899.7	5919.5
12.5°	7032.2	7571.2	7744.3	7833.3	7600.9	7175.6	6695.9	6028.3	5800.8	5662.4
15°	6814.6	7215.2	7225.1	7363.5	7269.6	7269.6	6799.8	6147.0	5949.2	5795.9
17.5°	6814.6	6903.6	6893.7	6943.2	7101.4	7289.4	7061.9	6626.7	6236.0	6211.3
20°	6967.9	6691.0	6626.7	6646.5	6780.0	7338.8	7640.5	7096.5	6849.2	6770.1
22.5°	7324.0	6715.7	6325.0	6255.8	6666.3	7333.9	8011.4	7838.3	7408.0	7343.8
25°	7813.6	6671.2	6245.9	6156.9	6468.4	7511.9	8520.7	8555.4	8164.7	8031.2
27.5°	8278.4	6869.0	6236.0	6216.2	6626.7	7472.3	8871.9	9129.0	8688.9	8580.1
30°	8436.7	7066.8	6419.0	6156.9	6686.0	7615.8	8862.0	9534.5	9247.7	9272.4
32.5°	8624.6	7264.6	6438.8	6334.9	6938.2	7848.2	9143.8	10187.3	9979.6	9687.8
35°	8901.5	7531.7	6626.7	6532.7	7116.3	8055.9	9203.2	10667.0	10632.4	10291.2
37.5°	9138.9	7793.8	7017.4	7032.2	7660.3	8392.2	9465.3	11255.5	11196.1	10963.7
40°	9307.0	8159.7	7625.6	7665.2	8135.0	8768.0	9930.1	11552.2	11992.3	11651.1
42.5°	9331.8	8486.1	8322.9	8639.4	9079.6	9351.5	10118.1	11755.0	12388.0	12165.4
45°	9425.7	9005.4	9460.3	9692.8	10053.8	9865.9	10108.2	12101.1	12417.6	12303.9
47.5°	9791.7	9949.9	10523.6	11230.8	11359.3	10741.2	10345.6	12155.5	12585.8	12570.9
50°	10172.5	10963.7	11769.8	12239.6	12402.8	11344.5	10568.1	12111.0	12808.3	12689.6
52.5°	10597.8	11844.0	13006.1	13584.7	13495.7	12012.1	10820.3	12472.0	13218.8	13179.2
55°	10864.8	12239.6	13802.3	14608.4	14539.2	12758.9	11621.4	12991.3	13757.8	13658.9
57.5°	11572.0	12882.5	14593.6	14969.4	15152.4	13738.0	12180.3	13841.9	14207.8	14316.6
60°	12155.5	13302.8	14801.3	15345.2	15409.5	14321.6	13159.4	14717.2	14781.5	14415.5
62.5°	13011.1	13466.0	14361.1	14850.7	15182.1	14652.9	14039.7	15187.0	14771.6	14746.9
65°	13639.1	12931.9	13540.2	13812.2	14024.9	14148.5	14924.9	15508.4	14588.6	14108.9
67.5°	13288.0	11923.1	11809.4	11824.2	11888.5	12635.2	14628.2	14722.1	13569.9	13174.3
70°	11695.6	9781.8	9628.5	9747.2	9425.7	10325.8	13426.5	13382.0	11972.6	11562.1
72.5°	9460.3	7131.1	6869.0	7032.2	7106.4	8060.8	11295.1	10147.7	8733.4	8411.9
75°	7516.8	5227.2	4411.2	4806.8	5059.0	5870.1	8822.4	6893.7	6097.5	5662.4
77.5°	5904.7	3956.2	3432.0	3273.8	3506.2	4267.8	6419.0	3620.0	3194.7	2991.9
80°	3743.6	2907.8	3155.1	2927.6	3026.5	3046.3	3343.0	1646.8	1310.5	1295.7
82.5°	2255.1	1988.0	2363.9	1300.6	2368.8	2116.6	1389.6	746.7	662.7	662.7
85°	1597.3	1231.4	816.0	529.1	1053.3	1162.1	539.0	385.7	336.3	326.4
87.5°	801.1	380.8	183.0	118.7	133.5	217.6	64.3	29.7	29.7	24.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)