

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: P599222

Luminaire Tested: **IFLD-L-SA8B-735-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: P599222  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8B-735-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (128) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

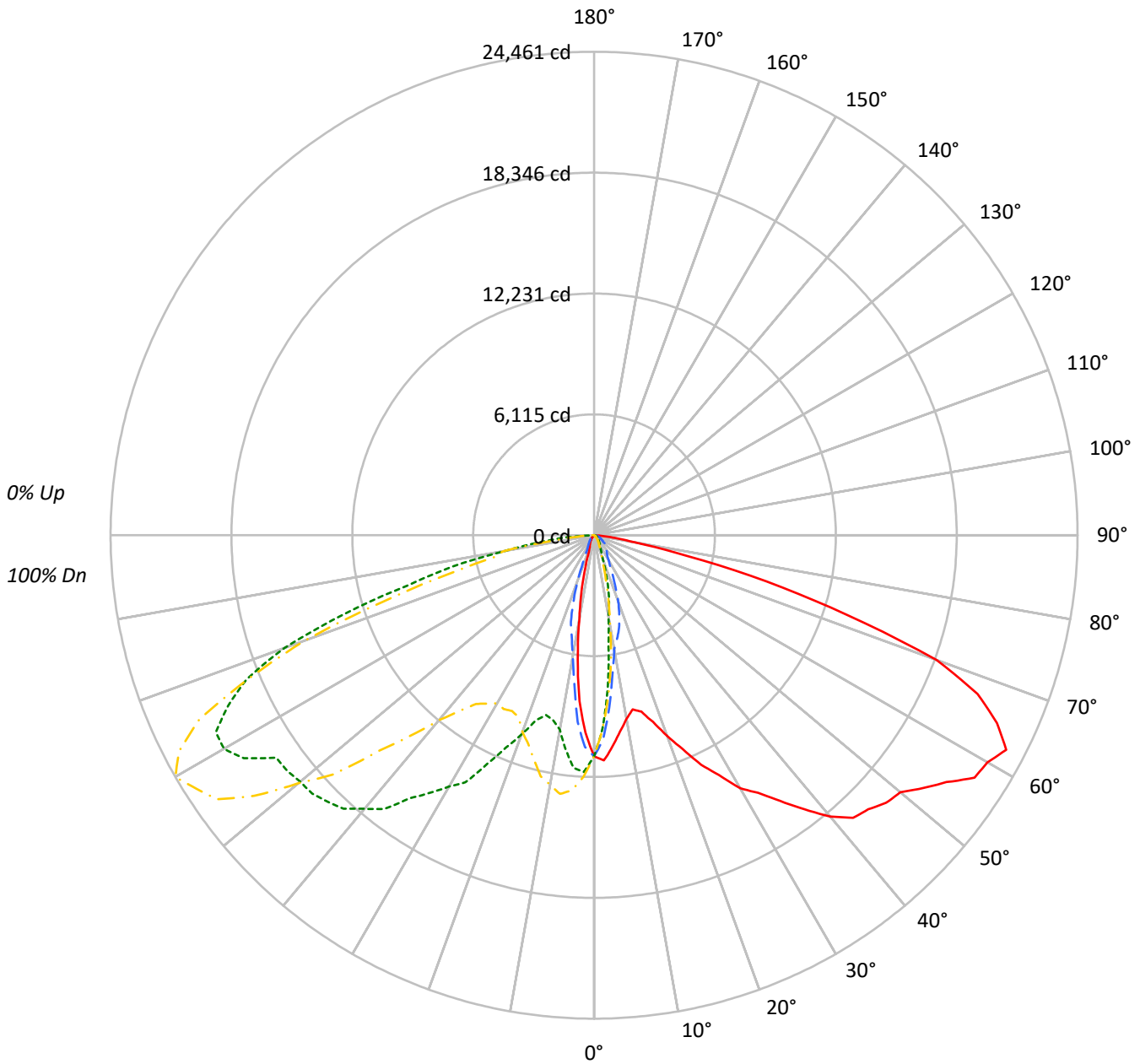
Lumens per Lamp: N/A  
 Luminaire Lumens: 29239.4 lumens  
 Efficiency: N/A  
 Efficacy: 91.4 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 320  
 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°	60161	60161	60161	60161
5°	57920	42333	45570	63840
10°	51568	23048	23350	54583
15°	51478	15373	9400	52444
20°	61809	7675	3747	61448
25°	76023	4822	2903	75648
30°	91856	3870	2204	91268
35°	107781	3108	1709	106693
40°	130484	2659	1108	126884
45°	149280	2400	600	145139
50°	169366	2310	132	162435
55°	204299	2219	0	184180
60°	247345	1866	0	232666
65°	286411	1505	0	260309
70°	290020	1240	0	262482
75°	187691	819	0	201297
80°	64014	245	0	142440
85°	32129	0	0	104662

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	846.8	2.9
10°-20°	1639.6	5.6
20°-30°	2283.6	7.8
30°-40°	3244.7	11.1
40°-50°	4499.5	15.4
50°-60°	6130.9	21.0
60°-70°	6740.4	23.1
70°-80°	3312.9	11.3
80°-90°	541.0	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°	4770.0	16.3
0°-40°	8014.7	27.4
0°-60°	18645.1	63.8
0°-90°	29239.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29239.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	11178	11178	11178	11178	11178	
5°	10721	7836	8435	11817	10721	981
15°	9239	2759	1687	9412	9239	2735
25°	12802	812	489	12739	12802	5952
35°	16405	473	260	16239	16405	10413
45°	19613	315	79	19069	19613	15204
55°	21773	236	0	19629	21773	19586
65°	22490	118	0	20441	22490	21734
75°	9026	39	0	9680	9026	9840
85°	520	0	0	1695	520	720
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°	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2
2.5°	11406.8	11540.8	11414.7	10973.2	10894.4	10681.6	10358.4	10334.7	9995.7	10035.1	9853.8
5°	10721.0	10855.0	10587.0	10003.6	9459.7	9026.1	8766.0	8300.9	8198.4	7969.8	7969.8
7.5°	10019.4	10011.5	9554.3	9065.5	8253.6	7457.4	7094.8	6424.7	6030.5	5817.7	5612.7
10°	9436.0	9309.9	9026.1	8017.1	7134.2	6306.5	5857.1	5415.7	5005.7	4651.0	4296.3
12.5°	9026.1	9104.9	8655.6	7559.9	6416.8	5841.4	5360.5	4895.4	4406.6	4004.6	3610.4
15°	9239.0	9112.8	8584.7	7457.4	6298.6	5510.3	4871.7	4304.2	3760.2	3232.1	2932.5
17.5°	9901.1	9577.9	8955.2	7457.4	6054.2	5005.7	4233.2	3563.1	2979.8	2506.8	2136.3
20°	10791.9	10421.4	9751.4	7733.3	5872.9	4635.2	3578.9	2735.4	2128.4	1687.0	1403.2
22.5°	11706.4	11414.7	10405.7	7843.7	5660.0	4138.6	2822.1	1978.7	1419.0	1135.2	993.3
25°	12802.1	12392.2	11288.6	8285.1	5344.7	3657.7	2223.0	1379.5	1056.3	906.6	819.8
27.5°	13677.1	13606.2	12116.3	8553.1	5108.2	3263.6	1757.9	1095.7	875.0	764.7	709.5
30°	14780.8	14394.5	13125.3	9089.2	4840.2	2814.3	1466.3	985.4	804.1	685.8	646.4
32.5°	15442.9	15261.6	13653.5	9388.7	4540.6	2443.8	1261.3	867.1	733.1	646.4	607.0
35°	16404.7	16042.0	14410.3	9577.9	4383.0	2230.9	1135.2	788.3	614.9	528.2	480.9
37.5°	17476.8	17342.8	15316.8	9570.0	4154.4	2104.8	1048.4	733.1	583.3	488.8	433.6
40°	18572.5	18028.6	15868.6	9790.8	4036.1	2010.2	985.4	701.6	551.8	465.1	394.2
42.5°	19392.4	18769.6	16507.1	9711.9	3894.2	1844.6	961.7	654.3	528.2	425.7	362.6
45°	19613.1	19392.4	17082.6	9688.3	3791.8	1710.6	922.3	646.4	512.4	402.0	339.0
47.5°	20038.8	19889.0	17792.1	9727.7	3712.9	1608.1	827.7	662.2	488.8	378.4	323.2
50°	20228.0	19959.9	18367.6	9822.3	3531.6	1482.0	741.0	693.7	480.9	370.5	307.4
52.5°	21008.4	20771.9	19155.9	10090.3	3381.8	1316.5	654.3	662.2	496.6	346.9	291.7
55°	21773.0	21505.0	20369.9	10705.2	3169.0	1182.5	559.7	583.3	473.0	315.3	260.1
57.5°	22821.5	22380.0	21181.8	10957.5	2979.8	1001.1	496.6	480.9	441.5	283.8	228.6
60°	22979.1	23160.5	21063.6	10799.8	2782.7	882.9	433.6	370.5	473.0	252.3	197.1
62.5°	23507.3	22750.5	20511.7	10437.2	2640.8	812.0	386.3	307.4	409.9	220.7	165.5
65°	22490.4	21930.7	19218.9	9270.5	2459.5	819.8	339.0	252.3	260.1	181.3	134.0
67.5°	21000.5	20559.0	17074.7	8001.3	2278.2	804.1	299.6	220.7	197.1	157.7	118.2
70°	18430.6	17476.8	14504.8	6495.6	2010.2	748.9	252.3	197.1	165.5	126.1	86.7
72.5°	13409.1	13022.8	10405.7	5021.5	1805.2	677.9	236.5	165.5	141.9	94.6	70.9
75°	9026.1	8387.6	6566.6	3295.1	1450.5	591.2	197.1	149.8	110.4	70.9	55.2
77.5°	4769.3	4509.1	3720.8	1568.7	804.1	275.9	110.4	86.7	63.1	55.2	31.5
80°	2065.4	1836.8	1608.1	638.5	283.8	126.1	70.9	47.3	39.4	31.5	15.8
82.5°	1056.3	1009.0	835.6	275.9	165.5	94.6	39.4	31.5	23.6	15.8	7.9
85°	520.3	536.0	441.5	86.7	94.6	55.2	7.9	7.9	0.0	0.0	0.0
87.5°	39.4	39.4	31.5	15.8	23.6	7.9	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°	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2
2.5°	9782.9	9893.3	9704.1	9822.3	9767.1	9790.8	9814.4	9751.4	9767.1	9987.8	9995.7
5°	7835.8	8048.6	7969.8	8080.1	8269.3	8174.7	8261.5	8245.7	8261.5	8293.0	8434.9
7.5°	5589.1	5526.0	5675.8	5967.5	6306.5	6511.4	6408.9	6353.8	6322.2	6243.4	6338.0
10°	4217.4	4185.9	4146.5	4233.2	4453.9	4682.5	4808.7	4595.8	4477.6	4327.8	4272.6
12.5°	3500.1	3303.0	3192.6	3058.6	3121.7	3326.7	3334.5	3129.6	2940.4	2861.6	2948.3
15°	2759.1	2625.1	2428.0	2238.8	2144.2	2301.9	2167.8	1970.8	1726.4	1694.9	1687.0
17.5°	1970.8	1891.9	1750.0	1671.2	1560.8	1521.4	1379.5	1080.0	906.6	859.3	875.0
20°	1340.1	1277.1	1269.2	1198.2	1150.9	1119.4	890.8	693.7	638.5	646.4	654.3
22.5°	993.3	961.7	922.3	914.4	875.0	835.6	654.3	583.3	543.9	543.9	567.6
25°	812.0	796.2	756.8	741.0	725.2	670.1	551.8	496.6	480.9	465.1	488.8
27.5°	693.7	685.8	662.2	638.5	622.8	567.6	480.9	433.6	417.8	417.8	417.8
30°	622.8	622.8	591.2	543.9	543.9	480.9	409.9	378.4	362.6	362.6	354.7
32.5°	583.3	567.6	528.2	496.6	473.0	409.9	362.6	331.1	307.4	307.4	315.3
35°	473.0	473.0	465.1	441.5	409.9	346.9	307.4	275.9	260.1	252.3	260.1
37.5°	417.8	394.2	362.6	370.5	354.7	299.6	260.1	236.5	212.8	212.8	212.8
40°	378.4	354.7	323.2	299.6	291.7	268.0	228.6	189.2	165.5	157.7	157.7
42.5°	339.0	323.2	275.9	236.5	228.6	228.6	173.4	141.9	118.2	118.2	118.2
45°	315.3	291.7	252.3	205.0	165.5	173.4	141.9	102.5	86.7	78.8	78.8
47.5°	299.6	275.9	220.7	173.4	126.1	126.1	102.5	70.9	55.2	47.3	47.3
50°	275.9	252.3	197.1	141.9	94.6	78.8	63.1	39.4	23.6	15.8	15.8
52.5°	260.1	236.5	173.4	118.2	78.8	55.2	39.4	7.9	0.0	0.0	0.0
55°	236.5	205.0	149.8	94.6	63.1	31.5	7.9	0.0	0.0	0.0	0.0
57.5°	205.0	181.3	118.2	70.9	39.4	7.9	0.0	0.0	0.0	0.0	0.0
60°	173.4	149.8	94.6	55.2	15.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	141.9	126.1	70.9	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	118.2	94.6	55.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	102.5	78.8	39.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	78.8	55.2	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	55.2	39.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	39.4	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	23.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.9	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°	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2
2.5°	10027.3	10263.8	10484.5	10547.5	10721.0	11201.8	11201.8	11430.5	11840.4	11990.1	12021.7
5°	8458.5	8710.8	8758.1	9246.8	9475.4	9964.2	10287.4	11059.9	11525.0	11816.7	11998.0
7.5°	6432.6	6519.3	6700.6	7157.8	7607.2	8198.4	8813.3	9798.7	10618.5	10949.6	11564.5
10°	4422.4	4682.5	5076.7	5486.6	6188.2	6842.5	7638.7	8568.9	9577.9	9987.8	10516.0
12.5°	2979.8	3342.4	3973.1	4556.4	5202.8	5865.0	6621.8	7867.3	9010.3	9577.9	10106.1
15°	1742.2	2183.6	2727.5	3673.5	4532.8	5273.8	6030.5	7291.8	8679.3	9412.4	10058.8
17.5°	882.9	1016.9	1466.3	2286.1	3421.3	4635.2	5762.5	7370.7	8931.5	9830.2	10366.2
20°	662.2	701.6	827.7	1214.0	2341.3	3831.2	5510.3	7488.9	9633.1	10728.9	11020.5
22.5°	575.5	607.0	662.2	788.3	1316.5	2932.5	5155.5	7780.6	10587.0	11619.6	12234.5
25°	488.8	520.3	567.6	646.4	843.5	1994.4	4722.0	8088.0	11438.3	12739.0	13314.5
27.5°	425.7	449.3	496.6	559.7	685.8	1269.2	3973.1	8497.9	12739.0	14094.9	14244.7
30°	362.6	386.3	425.7	496.6	583.3	898.7	2916.7	8553.1	13456.4	14686.2	15104.0
32.5°	315.3	323.2	370.5	433.6	488.8	709.5	2049.6	8608.3	13984.6	15450.8	15537.5
35°	260.1	275.9	323.2	362.6	425.7	559.7	1553.0	8332.4	14670.4	16239.1	16215.5
37.5°	212.8	236.5	268.0	299.6	346.9	473.0	1237.6	7820.0	15529.6	17461.0	16720.0
40°	165.5	189.2	220.7	260.1	291.7	425.7	930.2	7047.5	16428.3	18060.1	17271.8
42.5°	118.2	134.0	165.5	205.0	260.1	354.7	670.1	6133.0	16783.1	18761.7	17934.0
45°	86.7	102.5	126.1	173.4	268.0	283.8	465.1	5297.4	17161.4	19069.1	17784.2
47.5°	47.3	63.1	94.6	149.8	236.5	212.8	331.1	4548.5	17595.0	19345.1	17902.5
50°	15.8	23.6	55.2	157.7	189.2	165.5	260.1	4146.5	18020.7	19400.2	18138.9
52.5°	0.0	0.0	31.5	165.5	141.9	126.1	228.6	3988.8	17910.3	19573.7	17989.2
55°	0.0	0.0	7.9	70.9	78.8	94.6	189.2	3981.0	18690.8	19628.8	18809.0
57.5°	0.0	0.0	0.0	23.6	47.3	78.8	165.5	3728.7	19187.4	21000.5	19912.6
60°	0.0	0.0	0.0	7.9	31.5	55.2	126.1	3508.0	19691.9	21615.4	21095.1
62.5°	0.0	0.0	0.0	0.0	7.9	23.6	86.7	3169.0	18675.0	21568.1	22238.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	55.2	2506.8	16798.8	20440.8	21607.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	31.5	1734.3	14709.8	19021.8	20448.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1048.4	11871.9	16680.6	17342.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	449.3	8474.3	13243.6	14228.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.3	5242.2	9680.4	10894.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.9	3397.6	7331.3	8269.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	1813.1	4595.8	5344.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	788.3	2790.6	3216.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.3	1694.9	1931.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260.1	346.9
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: P599222  
 CATALOG NUMBER: IFLD-L-SA8B-735-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2	11178.2
2.5°	12037.4	12266.1	12352.8	12218.8	12234.5	11958.6	11919.2	11532.9	11375.3	11406.8
5°	12589.3	12920.4	13101.7	12951.9	12612.9	12084.7	11603.9	11146.7	10862.9	10721.0
7.5°	12463.1	12833.6	13062.2	13204.1	12817.9	11966.5	11233.4	10374.1	10011.5	10019.4
10°	11769.4	12542.0	13007.1	12825.8	12644.4	11793.1	10657.9	9727.7	9404.5	9436.0
12.5°	11209.7	12069.0	12344.9	12486.8	12116.3	11438.3	10673.7	9609.5	9246.8	9026.1
15°	10862.9	11501.4	11517.2	11737.9	11588.1	11588.1	10839.2	9798.7	9483.3	9239.0
17.5°	10862.9	11004.8	10989.0	11067.8	11320.1	11619.6	11257.0	10563.3	9940.6	9901.1
20°	11107.2	10665.8	10563.3	10594.8	10807.7	11698.5	12179.3	11312.2	10918.1	10791.9
22.5°	11674.8	10705.2	10082.4	9972.1	10626.4	11690.6	12770.6	12494.7	11808.8	11706.4
25°	12455.3	10634.3	9956.3	9814.4	10311.1	11974.4	13582.5	13637.7	13014.9	12802.1
27.5°	13196.3	10949.6	9940.6	9909.0	10563.3	11911.3	14142.2	14552.1	13850.6	13677.1
30°	13448.5	11264.9	10232.2	9814.4	10657.9	12139.9	14126.5	15198.6	14741.3	14780.8
32.5°	13748.1	11580.2	10263.8	10098.2	11059.9	12510.4	14575.8	16239.1	15908.0	15442.9
35°	14189.5	12005.9	10563.3	10413.5	11343.7	12841.5	14670.4	17003.8	16948.6	16404.7
37.5°	14567.9	12423.7	11186.1	11209.7	12210.9	13377.6	15088.2	17941.9	17847.3	17476.8
40°	14835.9	13007.1	12155.7	12218.8	12967.6	13976.7	15829.2	18414.9	19116.4	18572.5
42.5°	14875.4	13527.3	13267.2	13771.7	14473.3	14906.9	16128.8	18738.1	19747.1	19392.4
45°	15025.1	14355.1	15080.3	15450.8	16026.3	15726.7	16113.0	19289.9	19794.4	19613.1
47.5°	15608.5	15860.7	16775.2	17902.5	18107.4	17122.0	16491.4	19376.6	20062.4	20038.8
50°	16215.5	17476.8	18761.7	19510.6	19770.7	18083.8	16846.1	19305.6	20417.2	20228.0
52.5°	16893.4	18880.0	20732.5	21654.8	21512.9	19148.0	17248.2	19881.1	21071.4	21008.4
55°	17319.1	19510.6	22001.6	23286.6	23176.2	20338.3	18525.2	20708.8	21930.7	21773.0
57.5°	18446.4	20535.4	23262.9	23862.1	24153.7	21899.2	19416.0	22064.7	22648.1	22821.5
60°	19376.6	21205.5	23594.0	24461.2	24563.6	22829.4	20976.8	23460.0	23562.5	22979.1
62.5°	20740.4	21465.6	22892.4	23672.9	24201.0	23357.5	22380.0	24208.9	23546.7	23507.3
65°	21741.5	20614.2	21583.8	22017.4	22356.4	22553.5	23791.1	24721.3	23255.1	22490.4
67.5°	21181.8	19006.1	18824.8	18848.4	18950.9	20141.2	23318.1	23467.9	21631.1	21000.5
70°	18643.5	15592.7	15348.3	15537.5	15025.1	16459.8	21402.5	21331.6	19084.9	18430.6
72.5°	15080.3	11367.4	10949.6	11209.7	11328.0	12849.4	18004.9	16176.1	13921.5	13409.1
75°	11982.3	8332.4	7031.7	7662.3	8064.4	9357.2	14063.4	10989.0	9719.8	9026.1
77.5°	9412.4	6306.5	5470.9	5218.6	5589.1	6803.1	10232.2	5770.4	5092.5	4769.3
80°	5967.5	4635.2	5029.4	4666.8	4824.4	4856.0	5329.0	2625.1	2089.0	2065.4
82.5°	3594.7	3169.0	3768.1	2073.2	3776.0	3374.0	2215.1	1190.3	1056.3	1056.3
85°	2546.2	1962.9	1300.7	843.5	1679.1	1852.5	859.3	614.9	536.0	520.3
87.5°	1277.1	607.0	291.7	189.2	212.8	346.9	102.5	47.3	47.3	39.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)