

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: P599473

Luminaire Tested: **IFLD-M-SA4B-735-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: P599473  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4B-735-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (64) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

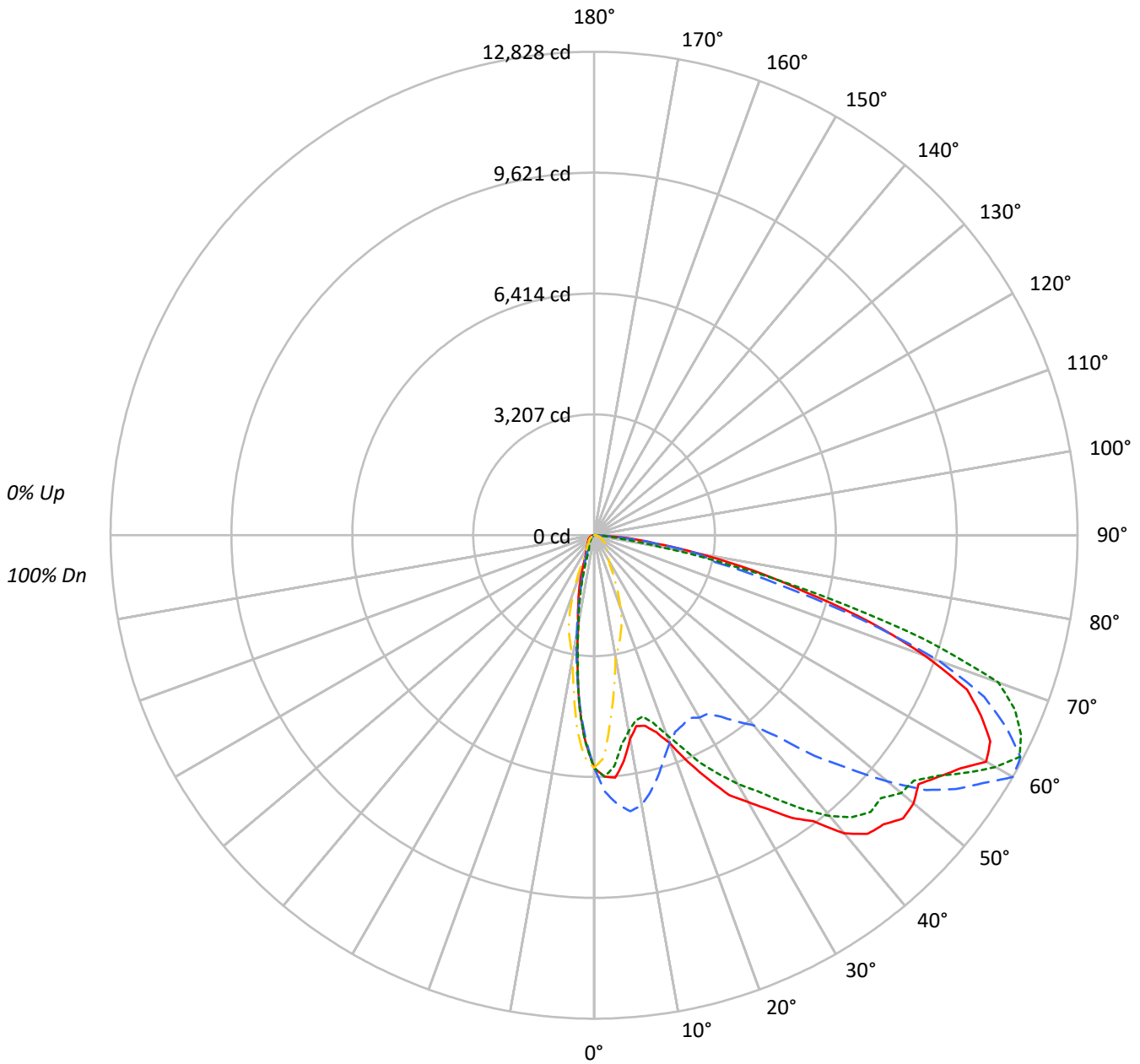
Lumens per Lamp: N/A  
 Luminaire Lumens: 16407.0 lumens  
 Efficiency: N/A  
 Efficacy: 98.8 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 166.1  
 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	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°	66402	66402	66402	66402
5°	69780	66419	48524	48807
10°	60003	57705	26530	25907
15°	58345	55464	17235	12987
20°	67251	64440	9235	4617
25°	84558	79094	5985	3590
30°	101561	94644	4846	2941
35°	120268	112841	3972	2360
40°	145105	136609	3509	1786
45°	165202	158000	3268	1201
50°	185328	178139	3229	733
55°	209582	208843	3207	328
60°	258627	264758	2923	95
65°	288573	318255	2679	0
70°	294250	359198	2483	0
75°	239430	264936	2371	0
80°	174084	110808	2442	0
85°	112547	46536	3248	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	468.6	2.9
10°-20°	919.0	5.6
20°-30°	1271.7	7.8
30°-40°	1797.3	11.0
40°-50°	2447.1	14.9
50°-60°	3241.0	19.8
60°-70°	3763.0	22.9
70°-80°	2131.0	13.0
80°-90°	368.2	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°	2659.4	16.2
0°-40°	4456.7	27.2
0°-60°	10144.7	61.8
0°-90°	16407.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16407.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6169	6169	6169	6169	6169	
5°	6458	6147	4491	4517	6458	580
15°	5236	4977	1547	1165	5236	1536
25°	7120	6660	504	302	7120	3321
35°	9153	8587	302	180	9153	5770
45°	10852	10379	215	79	10852	8414
55°	11168	11129	171	18	11168	10118
65°	11330	12496	105	0	11330	11045
75°	5757	6370	57	0	5757	6283
85°	911	377	26	0	911	1095
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°	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9
2.5°	6409.9	6545.7	6550.1	6611.4	6672.8	6672.8	6817.3	6782.3	6655.2	6633.3	6541.3
5°	6458.1	6506.3	6541.3	6852.4	7115.3	7089.0	7167.8	7115.3	6869.9	6554.5	6339.8
7.5°	6041.8	6094.4	6234.6	6764.8	7119.7	7238.0	7386.9	7058.3	6799.8	6230.2	5818.4
10°	5489.8	5590.6	5849.1	6453.7	6891.8	7268.6	7268.6	7005.7	6506.3	5949.8	5446.0
12.5°	5183.1	5384.6	5524.9	6138.2	6707.8	6966.3	6957.5	6817.3	6493.1	5792.1	5222.5
15°	5235.7	5292.6	5590.6	6068.1	6444.9	6431.8	6589.5	6545.7	6317.9	5932.3	5305.8
17.5°	5476.7	5564.3	5822.8	6068.1	6247.8	6195.2	6190.8	6401.1	6414.3	6168.9	5616.9
20°	5871.0	6129.5	6252.2	6326.6	6107.6	5884.1	5857.8	6151.4	6379.2	6471.2	5989.3
22.5°	6501.9	6672.8	6922.5	6541.3	5971.7	5691.3	5638.8	5963.0	6423.0	6830.5	6471.2
25°	7119.7	7251.1	7492.1	7001.4	6125.1	5651.9	5559.9	5840.3	6589.5	7330.0	7053.9
27.5°	7772.5	7886.4	7912.7	7338.7	6208.3	5573.0	5463.5	5840.3	6729.7	7592.8	7750.6
30°	8171.2	8307.0	8333.3	7636.7	6344.2	5638.8	5586.2	5866.6	6826.1	7816.3	8250.0
32.5°	8618.1	8653.1	8631.2	7689.2	6493.1	5831.5	5612.5	6041.8	6935.6	8083.5	8705.7
35°	9152.6	9213.9	8990.5	7930.2	6826.1	5954.2	5875.4	6256.5	7124.0	8206.2	9257.7
37.5°	9560.1	9752.8	9249.0	8022.2	6891.8	6212.7	6225.9	6703.4	7255.5	8355.2	9866.7
40°	10326.8	10002.6	9687.1	8337.7	7141.6	6650.9	6580.8	7163.5	7698.0	8451.6	10265.4
42.5°	10747.4	10576.5	9858.0	8368.3	7527.1	7255.5	7273.0	7684.8	7930.2	8723.2	10375.0
45°	10852.5	10672.9	10090.2	8390.2	7908.3	7969.6	8271.9	8350.8	8271.9	8902.9	10580.9
47.5°	11119.8	10729.9	10063.9	8683.8	8526.1	8762.7	9148.2	9319.1	8736.4	8837.1	10677.3
50°	11067.2	10843.8	10006.9	8806.5	9279.6	9906.2	10164.7	10094.6	9253.4	8701.3	10572.1
52.5°	10848.2	10607.2	10182.2	9139.4	9985.0	10743.0	11102.3	10927.0	9713.4	9008.0	10502.0
55°	11168.0	10984.0	10410.0	9590.7	10515.2	11479.1	11733.2	11601.8	10278.6	9292.8	10900.7
57.5°	11514.1	11474.7	11027.8	10120.9	11141.7	12237.0	12237.0	12074.9	10769.3	9704.6	11492.2
60°	12013.6	12101.2	11483.5	10471.4	11356.4	12193.2	12828.5	12640.1	11264.4	10427.6	12162.6
62.5°	11851.5	12131.9	12070.6	11225.0	11601.8	12407.9	12754.0	12894.2	11877.8	11308.2	13056.4
65°	11330.1	11628.0	12066.2	11720.0	11417.7	11886.5	12061.8	12486.8	12184.5	12136.3	13424.4
67.5°	10708.0	11032.2	11303.8	12053.0	11045.3	11356.4	11203.1	11338.9	11851.5	13043.2	13634.7
70°	9349.7	9660.8	10090.2	11312.6	10059.5	9779.1	9739.7	9674.0	10471.4	12719.0	12679.6
72.5°	7689.2	7833.8	8543.6	9196.4	7443.9	7391.3	7452.6	7378.2	8302.6	11514.1	10861.3
75°	5757.1	5901.6	6304.7	7062.7	5069.2	4766.9	5117.4	5463.5	6339.8	8937.9	7803.1
77.5°	4328.7	4512.8	4766.9	5283.9	3719.7	3246.6	3294.8	3623.4	4582.9	7159.1	4372.6
80°	2808.4	2786.5	3277.2	3636.5	2799.7	2887.3	2764.6	3005.6	3321.0	3829.3	2234.5
82.5°	1621.1	1643.0	1848.9	2085.5	1949.7	2230.1	1607.9	2685.8	2370.3	1559.8	832.5
85°	911.3	950.7	1139.1	1445.8	1222.4	819.3	670.3	1331.9	1489.7	639.7	403.1
87.5°	92.0	78.9	153.3	547.7	333.0	135.8	201.5	319.8	359.3	241.0	118.3
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°	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9
2.5°	6409.9	6409.9	6300.3	6116.3	6041.8	5910.4	5730.8	5787.7	5726.4	5502.9	5446.0
5°	6147.0	5936.7	5708.9	5428.5	5266.4	4933.4	4828.2	4639.8	4670.5	4482.1	4490.9
7.5°	5599.3	5432.8	5047.3	4679.3	4359.4	4070.3	3662.8	3509.4	3360.5	3286.0	3373.6
10°	5279.5	4968.4	4442.7	3960.7	3535.7	3277.2	3005.6	2795.3	2602.5	2457.9	2427.3
12.5°	5047.3	4771.3	4136.0	3548.9	3215.9	3005.6	2755.9	2466.7	2278.3	2028.6	1954.1
15°	4977.2	4639.8	3969.5	3386.8	3062.5	2716.4	2431.6	2146.8	1901.5	1638.6	1546.6
17.5°	5218.2	4828.2	3965.1	3255.3	2799.7	2427.3	2032.9	1713.1	1463.4	1222.4	1165.4
20°	5625.6	5029.8	4092.2	3176.5	2549.9	2050.5	1603.6	1283.7	1003.3	845.6	806.2
22.5°	6090.0	5371.5	4105.3	2966.2	2300.2	1673.7	1169.8	845.6	687.9	613.4	591.5
25°	6659.6	5919.2	4263.0	2795.3	2006.6	1270.6	832.5	648.4	556.4	512.6	503.9
27.5°	7128.4	6300.3	4433.9	2615.7	1717.5	942.0	652.8	530.1	481.9	438.1	433.8
30°	7614.7	6738.5	4482.1	2506.1	1467.7	775.5	560.8	468.8	416.2	394.3	389.9
32.5°	8039.7	7216.0	4635.4	2326.5	1231.2	683.5	508.2	420.6	385.6	350.5	346.1
35°	8587.4	7492.1	4709.9	2230.1	1143.5	617.8	464.4	385.6	333.0	311.1	302.3
37.5°	9174.5	7759.3	4758.1	2155.6	1069.0	578.3	438.1	363.7	315.5	284.8	276.0
40°	9722.2	8136.1	4688.0	2063.6	1012.1	530.1	420.6	337.4	293.5	262.9	249.7
42.5°	10142.8	8504.2	4666.1	1976.0	950.7	512.6	398.7	324.2	276.0	241.0	236.6
45°	10379.4	8753.9	4512.8	1905.9	902.6	521.4	389.9	306.7	262.9	232.2	214.7
47.5°	10322.4	8946.7	4552.2	1884.0	836.8	486.3	385.6	293.5	241.0	214.7	201.5
50°	10637.9	9336.6	4486.5	1813.9	788.6	438.1	420.6	293.5	236.6	205.9	192.8
52.5°	10690.4	9691.5	4626.7	1686.8	714.2	403.1	416.2	289.2	227.8	197.2	179.6
55°	11128.6	10103.3	4898.3	1616.7	652.8	350.5	381.2	280.4	205.9	179.6	170.9
57.5°	11724.4	10957.7	5073.6	1551.0	569.6	306.7	319.8	276.0	188.4	166.5	153.3
60°	12298.4	11299.4	5086.7	1432.7	490.7	276.0	249.7	276.0	175.3	149.0	135.8
62.5°	12727.8	11299.4	4999.1	1331.9	429.4	245.4	219.1	262.9	157.7	131.4	122.7
65°	12495.5	10997.1	4771.3	1248.7	389.9	214.7	188.4	201.5	140.2	113.9	105.2
67.5°	12079.3	10055.1	4267.4	1147.9	385.6	188.4	162.1	149.0	122.7	100.8	92.0
70°	11413.4	8784.6	3553.3	1034.0	376.8	170.9	144.6	127.1	109.5	87.6	78.9
72.5°	9196.4	7255.5	2918.0	968.3	368.0	149.0	122.7	109.5	92.0	74.5	65.7
75°	6370.4	4635.4	2247.6	828.1	359.3	135.8	113.9	96.4	78.9	61.3	57.0
77.5°	3820.5	3097.6	1450.2	622.1	236.6	109.5	96.4	74.5	65.7	52.6	48.2
80°	1787.6	1463.4	587.1	241.0	113.9	78.9	65.7	57.0	52.6	43.8	39.4
82.5°	701.0	617.8	284.8	140.2	92.0	61.3	52.6	48.2	43.8	35.1	30.7
85°	376.8	333.0	135.8	96.4	65.7	43.8	43.8	39.4	35.1	30.7	26.3
87.5°	83.2	61.3	57.0	57.0	48.2	35.1	35.1	30.7	26.3	21.9	17.5
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°	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9
2.5°	5415.3	5481.0	5375.9	5441.6	5349.6	5419.7	5428.5	5362.7	5380.3	5467.9	5507.3
5°	4613.5	4569.7	4473.3	4442.7	4447.0	4390.1	4412.0	4442.7	4490.9	4517.1	4596.0
7.5°	3325.4	3426.2	3421.8	3496.3	3500.7	3491.9	3430.6	3299.1	3343.0	3307.9	3351.7
10°	2379.1	2422.9	2506.1	2554.3	2641.9	2593.7	2453.5	2401.0	2374.7	2370.3	2414.1
12.5°	1901.5	1796.3	1787.6	1805.1	1848.9	1792.0	1721.9	1660.5	1691.2	1752.5	1800.7
15°	1472.1	1384.5	1270.6	1253.1	1261.8	1235.5	1161.1	1082.2	1104.1	1165.4	1200.5
17.5°	1130.4	1029.6	950.7	898.2	880.6	788.6	679.1	613.4	595.9	591.5	622.1
20°	762.4	744.8	731.7	666.0	666.0	534.5	442.5	394.3	394.3	403.1	407.5
22.5°	569.6	547.7	552.0	538.9	503.9	398.7	350.5	337.4	337.4	346.1	346.1
25°	495.1	464.4	455.7	451.3	416.2	341.7	306.7	293.5	293.5	302.3	302.3
27.5°	420.6	411.8	398.7	381.2	350.5	293.5	271.6	258.5	262.9	267.3	262.9
30°	385.6	363.7	346.1	346.1	311.1	262.9	245.4	236.6	227.8	236.6	241.0
32.5°	341.7	328.6	319.8	306.7	267.3	232.2	214.7	205.9	201.5	201.5	205.9
35°	293.5	293.5	284.8	267.3	232.2	210.3	188.4	179.6	175.3	179.6	179.6
37.5°	262.9	249.7	254.1	236.6	205.9	184.0	162.1	153.3	153.3	149.0	153.3
40°	245.4	223.4	210.3	201.5	184.0	157.7	140.2	131.4	127.1	127.1	127.1
42.5°	219.1	201.5	175.3	170.9	166.5	135.8	113.9	109.5	105.2	100.8	100.8
45°	205.9	179.6	157.7	135.8	135.8	113.9	96.4	87.6	83.2	78.9	83.2
47.5°	188.4	162.1	135.8	113.9	109.5	92.0	74.5	65.7	61.3	61.3	61.3
50°	179.6	144.6	118.3	96.4	83.2	74.5	57.0	48.2	43.8	43.8	43.8
52.5°	166.5	135.8	105.2	83.2	65.7	57.0	43.8	35.1	30.7	30.7	30.7
55°	149.0	122.7	92.0	70.1	57.0	43.8	30.7	21.9	17.5	17.5	17.5
57.5°	140.2	109.5	78.9	61.3	43.8	30.7	17.5	13.1	13.1	8.8	13.1
60°	127.1	96.4	65.7	48.2	35.1	21.9	13.1	4.4	4.4	4.4	4.4
62.5°	109.5	83.2	57.0	39.4	26.3	13.1	4.4	0.0	0.0	0.0	0.0
65°	92.0	65.7	43.8	30.7	17.5	4.4	0.0	0.0	0.0	0.0	0.0
67.5°	78.9	57.0	35.1	21.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	70.1	48.2	26.3	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	57.0	39.4	21.9	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	48.2	30.7	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	39.4	21.9	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.7	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	4.4	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: P599473  
 CATALOG NUMBER: IFLD-M-SA4B-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9	6168.9
2.5°	5564.3	5538.0	5669.4	5884.1	5993.7	6208.3	6260.9	6396.7	6361.7	6409.9
5°	4604.8	4657.3	4850.1	5165.6	5279.5	5590.6	5884.1	6177.7	6366.1	6458.1
7.5°	3417.4	3592.7	3829.3	4118.4	4412.0	4819.5	5318.9	5660.7	5844.7	6041.8
10°	2545.6	2733.9	3005.6	3290.4	3767.9	4223.6	4723.1	5148.1	5305.8	5489.8
12.5°	2002.3	2295.8	2611.3	2918.0	3202.7	3636.5	4254.3	4872.0	5042.9	5183.1
15°	1393.3	1752.5	2203.8	2602.5	3001.2	3378.0	4017.7	4766.9	4999.1	5235.7
17.5°	771.1	1055.9	1572.9	2133.7	2720.8	3299.1	4096.5	4959.7	5310.2	5476.7
20°	446.9	560.8	928.8	1594.8	2370.3	3128.3	4136.0	5323.3	5787.7	5871.0
22.5°	368.0	407.5	525.8	998.9	1940.9	3018.7	4337.5	5831.5	6304.7	6501.9
25°	315.5	346.1	407.5	600.2	1467.7	2786.5	4464.6	6466.8	6905.0	7119.7
27.5°	280.4	311.1	359.3	442.5	998.9	2466.7	4674.9	7040.8	7478.9	7772.5
30°	245.4	271.6	319.8	376.8	692.2	2107.4	4854.5	7461.4	8079.2	8171.2
32.5°	219.1	241.0	276.0	324.2	512.6	1599.2	4999.1	7895.1	8416.5	8618.1
35°	188.4	214.7	236.6	276.0	389.9	1204.9	4911.5	8232.5	8911.6	9152.6
37.5°	166.5	184.0	205.9	232.2	328.6	942.0	4731.8	8635.6	9336.6	9560.1
40°	140.2	153.3	179.6	205.9	297.9	727.3	4525.9	9121.9	9932.5	10326.8
42.5°	118.3	131.4	149.0	192.8	245.4	538.9	4109.7	9498.7	10414.4	10747.4
45°	92.0	109.5	135.8	192.8	197.2	398.7	3680.3	9779.1	10686.1	10852.5
47.5°	70.1	87.6	131.4	166.5	157.7	276.0	3172.1	10099.0	10966.5	11119.8
50°	52.6	70.1	149.0	144.6	131.4	210.3	2852.2	10322.4	10984.0	11067.2
52.5°	35.1	52.6	122.7	109.5	109.5	184.0	2764.6	10313.6	11027.8	10848.2
55°	26.3	39.4	70.1	78.9	96.4	162.1	2685.8	10642.2	11040.9	11168.0
57.5°	17.5	30.7	48.2	61.3	83.2	140.2	2523.6	11036.6	11448.4	11514.1
60°	8.8	21.9	35.1	48.2	70.1	122.7	2295.8	11325.7	11943.5	12013.6
62.5°	4.4	13.1	26.3	39.4	57.0	96.4	2059.2	10865.7	11728.8	11851.5
65°	0.0	8.8	17.5	26.3	35.1	70.1	1673.7	9809.8	10878.8	11330.1
67.5°	0.0	0.0	8.8	17.5	21.9	52.6	1261.8	8924.8	10094.6	10708.0
70°	0.0	0.0	4.4	4.4	13.1	39.4	806.2	7391.3	9012.4	9349.7
72.5°	0.0	0.0	0.0	0.0	4.4	26.3	468.8	5489.8	7062.7	7689.2
75°	0.0	0.0	0.0	0.0	0.0	21.9	236.6	3531.3	4915.8	5757.1
77.5°	0.0	0.0	0.0	0.0	0.0	17.5	127.1	2278.3	3623.4	4328.7
80°	0.0	0.0	0.0	0.0	0.0	4.4	74.5	1323.2	2317.7	2808.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	30.7	648.4	1384.5	1621.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.8	346.1	692.2	911.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	48.2	92.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)