

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: P599474

Luminaire Tested: **IFLD-M-SA4C-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: P599474  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4C-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**

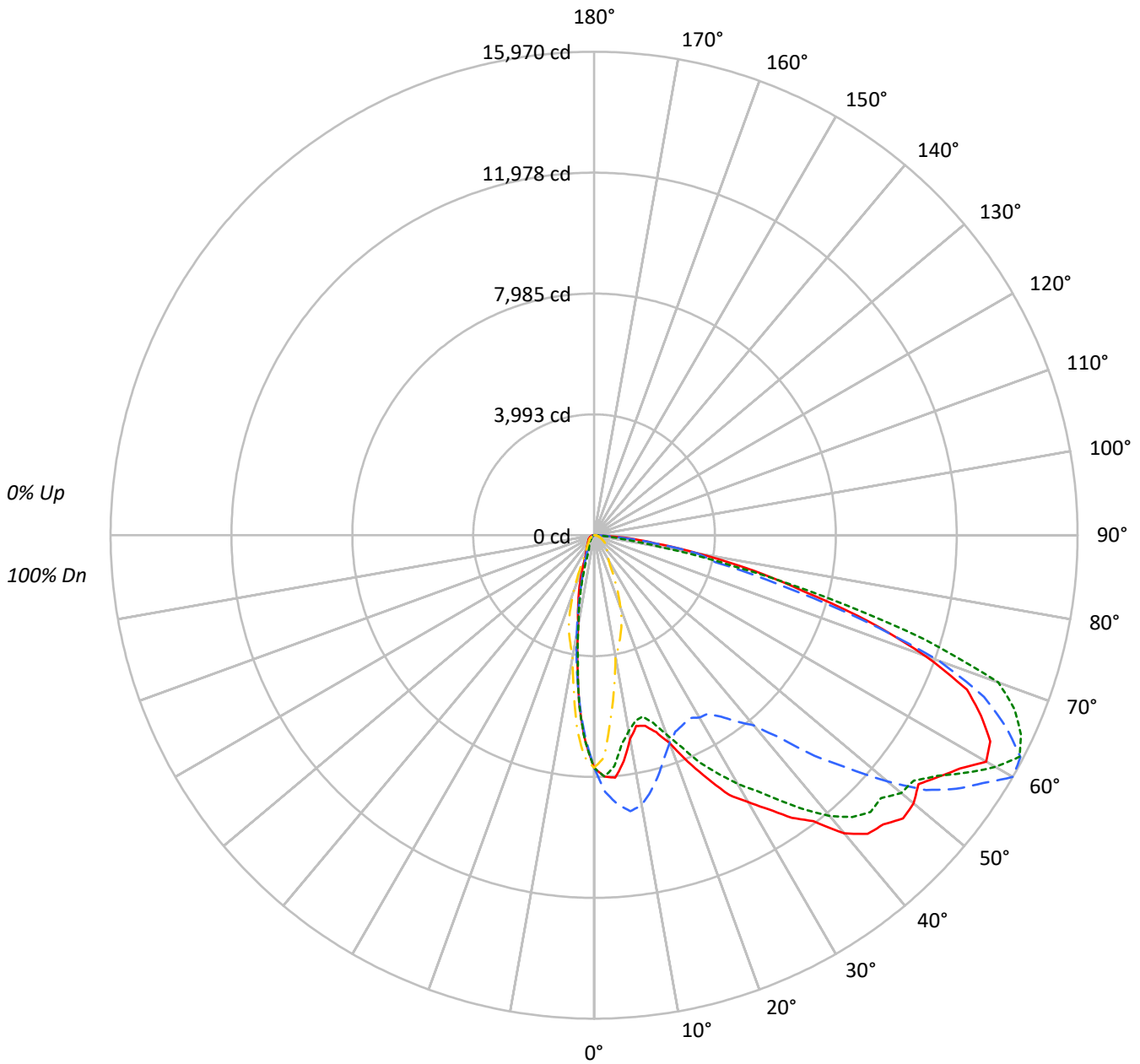
Lumens per Lamp: N/A  
 Luminaire Lumens: 20424.2 lumens  
 Efficiency: N/A  
 Efficacy: 93.6 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 218.1  
 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				
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°	82660	82660	82660	82660
5°	86865	82681	60404	60759
10°	74695	71834	33026	32251
15°	72630	69045	21455	16167
20°	83717	80219	11496	5748
25°	105262	98460	7449	4469
30°	126428	117818	6033	3660
35°	149715	140470	4945	2938
40°	180634	170057	4369	2223
45°	205653	196685	4069	1495
50°	230705	221755	4019	913
55°	260899	259977	3992	409
60°	321951	329582	3640	118
65°	359231	396182	3334	0
70°	366298	447145	3091	0
75°	298053	329810	2949	0
80°	216712	137939	3044	0
85°	140113	57935	4039	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	583.4	2.9
10°-20°	1144.0	5.6
20°-30°	1583.1	7.8
30°-40°	2237.4	11.0
40°-50°	3046.2	14.9
50°-60°	4034.5	19.8
60°-70°	4684.4	22.9
70°-80°	2652.8	13.0
80°-90°	458.4	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°	3310.5	16.2
0°-40°	5547.9	27.2
0°-60°	12628.7	61.8
0°-90°	20424.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20424.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7679	7679	7679	7679	7679	
5°	8039	7652	5590	5623	8039	722
15°	6518	6196	1925	1451	6518	1912
25°	8863	8290	627	376	8863	4134
35°	11394	10690	376	224	11394	7183
45°	13510	12921	267	98	13510	10474
55°	13902	13853	213	22	13902	12596
65°	14104	15555	131	0	14104	13749
75°	7167	7930	71	0	7167	7822
85°	1134	469	33	0	1134	1363
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°	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4
2.5°	7979.3	8148.4	8153.9	8230.2	8306.6	8306.6	8486.6	8442.9	8284.8	8257.5	8143.0
5°	8039.3	8099.3	8143.0	8530.2	8857.4	8824.7	8922.9	8857.4	8552.0	8159.3	7892.1
7.5°	7521.2	7586.6	7761.2	8421.1	8862.9	9010.2	9195.6	8786.5	8464.8	7755.7	7243.0
10°	6834.0	6959.4	7281.2	8033.9	8579.3	9048.3	9048.3	8721.1	8099.3	7406.7	6779.4
12.5°	6452.2	6703.1	6877.6	7641.2	8350.2	8672.0	8661.1	8486.6	8083.0	7210.3	6501.3
15°	6517.6	6588.5	6959.4	7553.9	8023.0	8006.6	8203.0	8148.4	7864.8	7384.8	6604.9
17.5°	6817.6	6926.7	7248.5	7553.9	7777.5	7712.1	7706.6	7968.4	7984.8	7679.4	6992.1
20°	7308.5	7630.3	7783.0	7875.7	7603.0	7324.8	7292.1	7657.5	7941.2	8055.7	7455.7
22.5°	8093.9	8306.6	8617.5	8143.0	7433.9	7084.9	7019.4	7423.0	7995.7	8502.9	8055.7
25°	8862.9	9026.5	9326.5	8715.6	7624.8	7035.8	6921.2	7270.3	8203.0	9124.7	8781.1
27.5°	9675.6	9817.4	9850.1	9135.6	7728.5	6937.6	6801.3	7270.3	8377.5	9451.9	9648.3
30°	10171.9	10341.0	10373.7	9506.5	7897.5	7019.4	6954.0	7303.0	8497.5	9730.1	10270.1
32.5°	10728.2	10771.8	10744.6	9571.9	8083.0	7259.4	6986.7	7521.2	8633.8	10062.8	10837.3
35°	11393.6	11470.0	11191.8	9871.9	8497.5	7412.1	7313.9	7788.4	8868.4	10215.5	11524.5
37.5°	11900.8	12140.8	11513.6	9986.4	8579.3	7733.9	7750.3	8344.8	9032.0	10401.0	12282.6
40°	12855.3	12451.7	12059.0	10379.1	8890.2	8279.3	8192.0	8917.4	9582.8	10520.9	12778.9
42.5°	13378.9	13166.2	12271.7	10417.3	9370.1	9032.0	9053.8	9566.5	9871.9	10859.1	12915.3
45°	13509.8	13286.2	12560.8	10444.6	9844.6	9921.0	10297.3	10395.5	10297.3	11082.7	13171.6
47.5°	13842.5	13357.1	12528.1	10810.0	10613.7	10908.2	11388.1	11600.9	10875.5	11000.9	13291.6
50°	13777.0	13498.9	12457.1	10962.7	11551.8	12331.7	12653.5	12566.2	11519.0	10831.8	13160.7
52.5°	13504.3	13204.4	12675.3	11377.2	12429.9	13373.4	13820.7	13602.5	12091.7	11213.6	13073.5
55°	13902.5	13673.4	12958.9	11939.0	13089.8	14289.7	14606.1	14442.4	12795.3	11568.1	13569.8
57.5°	14333.4	14284.3	13728.0	12599.0	13869.8	15233.3	15233.3	15031.5	13406.2	12080.8	14306.1
60°	14955.1	15064.2	14295.2	13035.3	14137.0	15178.7	15969.6	15735.1	14022.5	12980.7	15140.6
62.5°	14753.3	15102.4	15026.0	13973.4	14442.4	15446.0	15876.9	16051.4	14786.0	14077.0	16253.2
65°	14104.3	14475.2	15020.6	14589.7	14213.4	14797.0	15015.1	15544.2	15167.8	15107.8	16711.3
67.5°	13329.8	13733.4	14071.6	15004.2	13749.8	14137.0	13946.1	14115.2	14753.3	16236.8	16973.1
70°	11639.0	12026.3	12560.8	14082.5	12522.6	12173.5	12124.4	12042.6	13035.3	15833.2	15784.1
72.5°	9571.9	9751.9	10635.5	11448.1	9266.5	9201.1	9277.4	9184.7	10335.5	14333.4	13520.7
75°	7166.7	7346.7	7848.4	8792.0	6310.4	5934.1	6370.4	6801.3	7892.1	11126.4	9713.7
77.5°	5388.6	5617.7	5934.1	6577.6	4630.5	4041.5	4101.5	4510.5	5705.0	8912.0	5443.2
80°	3496.1	3468.8	4079.7	4526.9	3485.2	3594.2	3441.5	3741.5	4134.2	4766.9	2781.6
82.5°	2018.0	2045.3	2301.6	2596.1	2427.1	2776.1	2001.7	3343.4	2950.7	1941.7	1036.3
85°	1134.5	1183.5	1418.1	1799.9	1521.7	1019.9	834.5	1658.0	1854.4	796.3	501.8
87.5°	114.5	98.2	190.9	681.8	414.5	169.1	250.9	398.1	447.2	300.0	147.3
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°	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4
2.5°	7979.3	7979.3	7843.0	7613.9	7521.2	7357.6	7134.0	7204.9	7128.5	6850.3	6779.4
5°	7652.1	7390.3	7106.7	6757.6	6555.8	6141.3	6010.4	5775.9	5814.1	5579.5	5590.4
7.5°	6970.3	6763.1	6283.1	5825.0	5426.8	5066.9	4559.6	4368.7	4183.3	4090.6	4199.7
10°	6572.2	6184.9	5530.5	4930.5	4401.5	4079.7	3741.5	3479.7	3239.7	3059.7	3021.6
12.5°	6283.1	5939.5	5148.7	4417.8	4003.3	3741.5	3430.6	3070.7	2836.1	2525.2	2432.5
15°	6195.9	5775.9	4941.4	4216.0	3812.4	3381.5	3027.0	2672.5	2367.1	2039.8	1925.3
17.5°	6495.8	6010.4	4936.0	4052.4	3485.2	3021.6	2530.7	2132.6	1821.7	1521.7	1450.8
20°	7003.1	6261.3	5094.1	3954.2	3174.3	2552.5	1996.2	1598.0	1249.0	1052.6	1003.6
22.5°	7581.2	6686.7	5110.5	3692.4	2863.4	2083.5	1456.2	1052.6	856.3	763.6	736.3
25°	8290.2	7368.5	5306.8	3479.7	2498.0	1581.7	1036.3	807.2	692.7	638.1	627.2
27.5°	8873.8	7843.0	5519.5	3256.1	2138.0	1172.6	812.7	659.9	600.0	545.4	540.0
30°	9479.2	8388.4	5579.5	3119.7	1827.1	965.4	698.1	583.6	518.1	490.9	485.4
32.5°	10008.3	8982.9	5770.4	2896.1	1532.6	850.8	632.7	523.6	480.0	436.3	430.9
35°	10690.0	9326.5	5863.2	2776.1	1423.5	769.0	578.1	480.0	414.5	387.2	376.3
37.5°	11420.9	9659.2	5923.1	2683.4	1330.8	719.9	545.4	452.7	392.7	354.5	343.6
40°	12102.6	10128.3	5835.9	2568.9	1259.9	659.9	523.6	420.0	365.4	327.2	310.9
42.5°	12626.2	10586.4	5808.6	2459.8	1183.5	638.1	496.3	403.6	343.6	300.0	294.5
45°	12920.7	10897.3	5617.7	2372.5	1123.5	649.0	485.4	381.8	327.2	289.1	267.3
47.5°	12849.8	11137.3	5666.8	2345.3	1041.7	605.4	480.0	365.4	300.0	267.3	250.9
50°	13242.5	11622.7	5585.0	2258.0	981.7	545.4	523.6	365.4	294.5	256.3	240.0
52.5°	13308.0	12064.5	5759.5	2099.8	889.0	501.8	518.1	360.0	283.6	245.4	223.6
55°	13853.4	12577.1	6097.7	2012.6	812.7	436.3	474.5	349.1	256.3	223.6	212.7
57.5°	14595.2	13640.7	6315.8	1930.7	709.0	381.8	398.1	343.6	234.5	207.3	190.9
60°	15309.6	14066.1	6332.2	1783.5	610.9	343.6	310.9	343.6	218.2	185.4	169.1
62.5°	15844.1	14066.1	6223.1	1658.0	534.5	305.4	272.7	327.2	196.3	163.6	152.7
65°	15555.1	13689.8	5939.5	1554.4	485.4	267.3	234.5	250.9	174.5	141.8	130.9
67.5°	15036.9	12517.1	5312.3	1429.0	480.0	234.5	201.8	185.4	152.7	125.4	114.5
70°	14207.9	10935.5	4423.3	1287.2	469.1	212.7	180.0	158.2	136.4	109.1	98.2
72.5°	11448.1	9032.0	3632.4	1205.4	458.1	185.4	152.7	136.4	114.5	92.7	81.8
75°	7930.3	5770.4	2797.9	1030.8	447.2	169.1	141.8	120.0	98.2	76.4	70.9
77.5°	4756.0	3856.0	1805.3	774.5	294.5	136.4	120.0	92.7	81.8	65.4	60.0
80°	2225.3	1821.7	730.8	300.0	141.8	98.2	81.8	70.9	65.4	54.5	49.1
82.5°	872.7	769.0	354.5	174.5	114.5	76.4	65.4	60.0	54.5	43.6	38.2
85°	469.1	414.5	169.1	120.0	81.8	54.5	54.5	49.1	43.6	38.2	32.7
87.5°	103.6	76.4	70.9	70.9	60.0	43.6	43.6	38.2	32.7	27.3	21.8
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°	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4
2.5°	6741.3	6823.1	6692.2	6774.0	6659.4	6746.7	6757.6	6675.8	6697.6	6806.7	6855.8
5°	5743.2	5688.6	5568.6	5530.5	5535.9	5465.0	5492.3	5530.5	5590.4	5623.2	5721.3
7.5°	4139.7	4265.1	4259.6	4352.4	4357.8	4346.9	4270.6	4106.9	4161.5	4117.8	4172.4
10°	2961.6	3016.1	3119.7	3179.7	3288.8	3228.8	3054.3	2988.8	2956.1	2950.7	3005.2
12.5°	2367.1	2236.2	2225.3	2247.1	2301.6	2230.7	2143.5	2067.1	2105.3	2181.6	2241.6
15°	1832.6	1723.5	1581.7	1559.9	1570.8	1538.1	1445.3	1347.2	1374.4	1450.8	1494.4
17.5°	1407.2	1281.7	1183.5	1118.1	1096.3	981.7	845.4	763.6	741.8	736.3	774.5
20°	949.0	927.2	910.8	829.0	829.0	665.4	550.9	490.9	490.9	501.8	507.2
22.5°	709.0	681.8	687.2	670.9	627.2	496.3	436.3	420.0	420.0	430.9	430.9
25°	616.3	578.1	567.2	561.8	518.1	425.4	381.8	365.4	365.4	376.3	376.3
27.5°	523.6	512.7	496.3	474.5	436.3	365.4	338.2	321.8	327.2	332.7	327.2
30°	480.0	452.7	430.9	430.9	387.2	327.2	305.4	294.5	283.6	294.5	300.0
32.5°	425.4	409.1	398.1	381.8	332.7	289.1	267.3	256.3	250.9	250.9	256.3
35°	365.4	365.4	354.5	332.7	289.1	261.8	234.5	223.6	218.2	223.6	223.6
37.5°	327.2	310.9	316.3	294.5	256.3	229.1	201.8	190.9	190.9	185.4	190.9
40°	305.4	278.2	261.8	250.9	229.1	196.3	174.5	163.6	158.2	158.2	158.2
42.5°	272.7	250.9	218.2	212.7	207.3	169.1	141.8	136.4	130.9	125.4	125.4
45°	256.3	223.6	196.3	169.1	169.1	141.8	120.0	109.1	103.6	98.2	103.6
47.5°	234.5	201.8	169.1	141.8	136.4	114.5	92.7	81.8	76.4	76.4	76.4
50°	223.6	180.0	147.3	120.0	103.6	92.7	70.9	60.0	54.5	54.5	54.5
52.5°	207.3	169.1	130.9	103.6	81.8	70.9	54.5	43.6	38.2	38.2	38.2
55°	185.4	152.7	114.5	87.3	70.9	54.5	38.2	27.3	21.8	21.8	21.8
57.5°	174.5	136.4	98.2	76.4	54.5	38.2	21.8	16.4	16.4	10.9	16.4
60°	158.2	120.0	81.8	60.0	43.6	27.3	16.4	5.5	5.5	5.5	5.5
62.5°	136.4	103.6	70.9	49.1	32.7	16.4	5.5	0.0	0.0	0.0	0.0
65°	114.5	81.8	54.5	38.2	21.8	5.5	0.0	0.0	0.0	0.0	0.0
67.5°	98.2	70.9	43.6	27.3	16.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	87.3	60.0	32.7	21.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	70.9	49.1	27.3	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	60.0	38.2	16.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.1	27.3	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.2	21.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	32.7	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.4	5.5	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: P599474  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4	7679.4
2.5°	6926.7	6894.0	7057.6	7324.8	7461.2	7728.5	7793.9	7963.0	7919.3	7979.3
5°	5732.3	5797.7	6037.7	6430.4	6572.2	6959.4	7324.8	7690.3	7924.8	8039.3
7.5°	4254.2	4472.4	4766.9	5126.8	5492.3	5999.5	6621.3	7046.7	7275.8	7521.2
10°	3168.8	3403.4	3741.5	4096.0	4690.5	5257.7	5879.5	6408.6	6604.9	6834.0
12.5°	2492.5	2857.9	3250.6	3632.4	3986.9	4526.9	5295.9	6065.0	6277.7	6452.2
15°	1734.4	2181.6	2743.4	3239.7	3736.1	4205.1	5001.4	5934.1	6223.1	6517.6
17.5°	959.9	1314.4	1958.0	2656.1	3387.0	4106.9	5099.6	6174.0	6610.4	6817.6
20°	556.3	698.1	1156.3	1985.3	2950.7	3894.2	5148.7	6626.7	7204.9	7308.5
22.5°	458.1	507.2	654.5	1243.5	2416.2	3757.9	5399.6	7259.4	7848.4	8093.9
25°	392.7	430.9	507.2	747.2	1827.1	3468.8	5557.7	8050.2	8595.7	8862.9
27.5°	349.1	387.2	447.2	550.9	1243.5	3070.7	5819.5	8764.7	9310.1	9675.6
30°	305.4	338.2	398.1	469.1	861.7	2623.4	6043.1	9288.3	10057.3	10171.9
32.5°	272.7	300.0	343.6	403.6	638.1	1990.7	6223.1	9828.3	10477.3	10728.2
35°	234.5	267.3	294.5	343.6	485.4	1499.9	6114.0	10248.2	11093.6	11393.6
37.5°	207.3	229.1	256.3	289.1	409.1	1172.6	5890.4	10750.0	11622.7	11900.8
40°	174.5	190.9	223.6	256.3	370.9	905.4	5634.1	11355.4	12364.4	12855.3
42.5°	147.3	163.6	185.4	240.0	305.4	670.9	5115.9	11824.5	12964.4	13378.9
45°	114.5	136.4	169.1	240.0	245.4	496.3	4581.4	12173.5	13302.5	13509.8
47.5°	87.3	109.1	163.6	207.3	196.3	343.6	3948.8	12571.7	13651.6	13842.5
50°	65.4	87.3	185.4	180.0	163.6	261.8	3550.6	12849.8	13673.4	13777.0
52.5°	43.6	65.4	152.7	136.4	136.4	229.1	3441.5	12838.9	13728.0	13504.3
55°	32.7	49.1	87.3	98.2	120.0	201.8	3343.4	13248.0	13744.3	13902.5
57.5°	21.8	38.2	60.0	76.4	103.6	174.5	3141.6	13738.9	14251.5	14333.4
60°	10.9	27.3	43.6	60.0	87.3	152.7	2857.9	14098.8	14867.9	14955.1
62.5°	5.5	16.4	32.7	49.1	70.9	120.0	2563.4	13526.2	14600.6	14753.3
65°	0.0	10.9	21.8	32.7	43.6	87.3	2083.5	12211.7	13542.5	14104.3
67.5°	0.0	0.0	10.9	21.8	27.3	65.4	1570.8	11110.0	12566.2	13329.8
70°	0.0	0.0	5.5	5.5	16.4	49.1	1003.6	9201.1	11219.1	11639.0
72.5°	0.0	0.0	0.0	0.0	5.5	32.7	583.6	6834.0	8792.0	9571.9
75°	0.0	0.0	0.0	0.0	0.0	27.3	294.5	4396.0	6119.5	7166.7
77.5°	0.0	0.0	0.0	0.0	0.0	21.8	158.2	2836.1	4510.5	5388.6
80°	0.0	0.0	0.0	0.0	0.0	5.5	92.7	1647.1	2885.2	3496.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.2	807.2	1723.5	2018.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.9	430.9	861.7	1134.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	60.0	114.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)