

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: P599472

Luminaire Tested: **IFLD-M-SA4A-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: P599472  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-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**

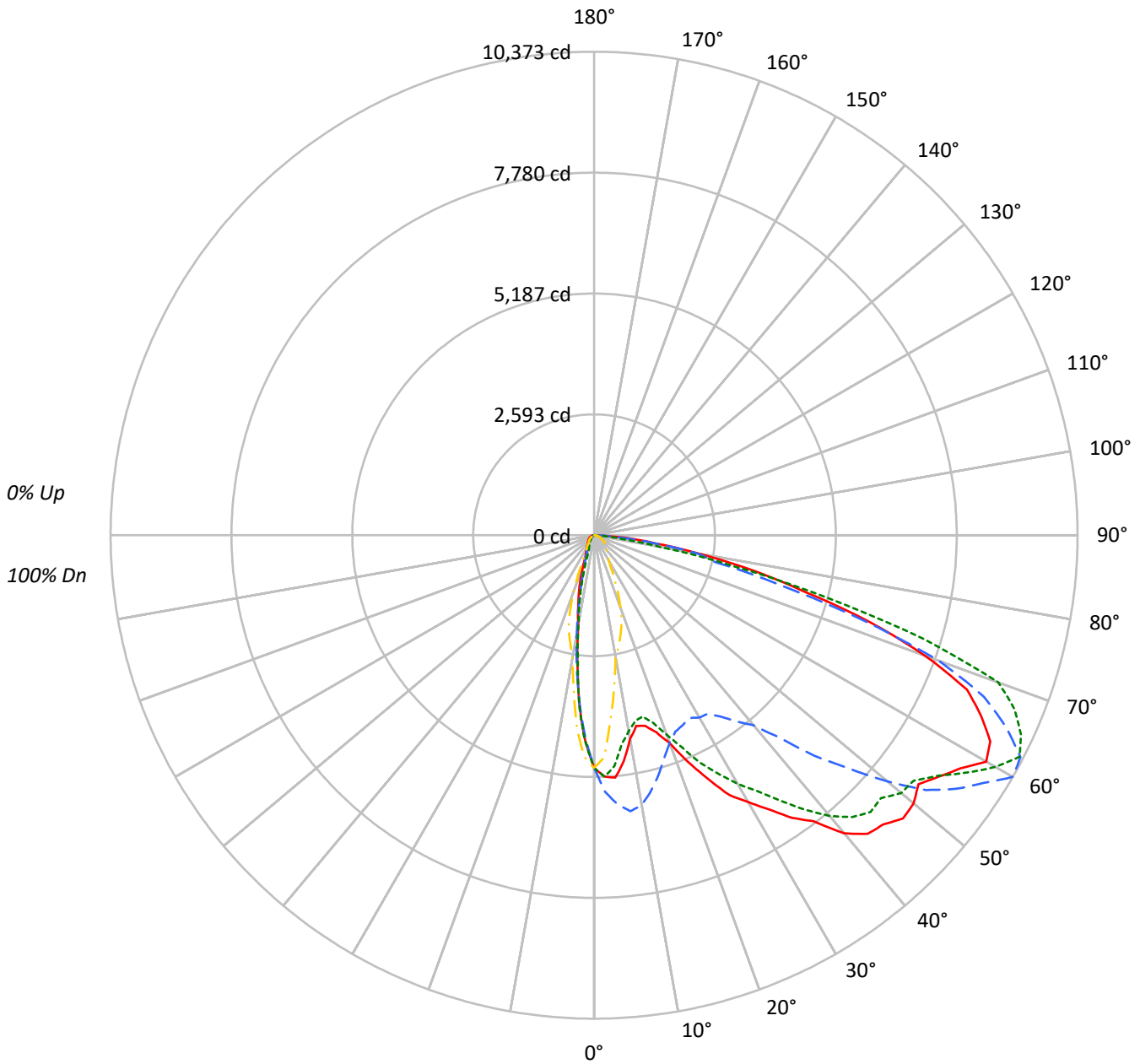
Lumens per Lamp: N/A  
 Luminaire Lumens: 13266.2 lumens  
 Efficiency: N/A  
 Efficacy: 103.2 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 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
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

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

	0°	90°	180°	270°
0°	53690	53690	53690	53690
5°	56422	53704	39235	39464
10°	48517	46659	21451	20948
15°	47175	44846	13935	10501
20°	54377	52104	7466	3733
25°	68372	63953	4839	2903
30°	82119	76527	3919	2378
35°	97245	91240	3211	1908
40°	117328	110459	2837	1443
45°	133579	127755	2643	971
50°	149852	144038	2611	593
55°	169462	168865	2594	266
60°	209119	214075	2364	75
65°	233332	257335	2165	0
70°	237925	290435	2008	0
75°	193595	214223	1917	0
80°	140760	89596	1977	0
85°	91009	37631	2631	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	378.9	2.9
10°-20°	743.1	5.6
20°-30°	1028.3	7.8
30°-40°	1453.3	11.0
40°-50°	1978.6	14.9
50°-60°	2620.6	19.8
60°-70°	3042.7	22.9
70°-80°	1723.1	13.0
80°-90°	297.7	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°	2150.3	16.2
0°-40°	3603.6	27.2
0°-60°	8202.8	61.8
0°-90°	13266.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13266.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4988	4988	4988	4988	4988	
5°	5222	4970	3631	3652	5222	469
15°	4233	4024	1250	942	4233	1242
25°	5757	5385	407	244	5757	2685
35°	7400	6944	244	145	7400	4665
45°	8775	8392	174	64	8775	6803
55°	9030	8998	138	14	9030	8181
65°	9161	10104	85	0	9161	8931
75°	4655	5151	46	0	4655	5080
85°	737	305	21	0	737	885
90°	0	0	0	0	0	

TEST NUMBER: P599472  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0
2.5°	5182.9	5292.7	5296.2	5345.8	5395.4	5395.4	5512.3	5484.0	5381.2	5363.5	5289.1
5°	5221.8	5260.8	5289.1	5540.7	5753.2	5732.0	5795.7	5753.2	5554.8	5299.8	5126.2
7.5°	4885.3	4927.8	5041.2	5469.8	5756.8	5852.4	5972.9	5707.2	5498.2	5037.6	4704.6
10°	4438.9	4520.4	4729.4	5218.3	5572.5	5877.2	5877.2	5664.7	5260.8	4810.9	4403.5
12.5°	4190.9	4353.9	4467.2	4963.2	5423.8	5632.8	5625.7	5512.3	5250.2	4683.3	4222.8
15°	4233.4	4279.5	4520.4	4906.5	5211.2	5200.6	5328.1	5292.7	5108.5	4796.7	4290.1
17.5°	4428.3	4499.1	4708.1	4906.5	5051.8	5009.3	5005.7	5175.8	5186.4	4988.0	4541.6
20°	4747.1	4956.1	5055.3	5115.5	4938.4	4757.7	4736.5	4973.8	5158.1	5232.5	4842.8
22.5°	5257.3	5395.4	5597.3	5289.1	4828.6	4601.9	4559.4	4821.5	5193.5	5522.9	5232.5
25°	5756.8	5863.0	6057.9	5661.1	4952.6	4570.0	4495.6	4722.3	5328.1	5926.8	5703.6
27.5°	6284.6	6376.7	6398.0	5933.9	5019.9	4506.2	4417.7	4722.3	5441.5	6139.4	6266.9
30°	6607.0	6716.8	6738.1	6174.8	5129.7	4559.4	4516.8	4743.6	5519.4	6320.0	6670.8
32.5°	6968.3	6996.7	6979.0	6217.3	5250.2	4715.2	4538.1	4885.3	5608.0	6536.1	7039.2
35°	7400.5	7450.1	7269.5	6412.1	5519.4	4814.4	4750.7	5058.9	5760.3	6635.3	7485.6
37.5°	7730.0	7885.9	7478.5	6486.5	5572.5	5023.4	5034.1	5420.2	5866.6	6755.8	7978.0
40°	8350.0	8087.8	7832.7	6741.6	5774.5	5377.7	5321.0	5792.2	6224.4	6833.7	8300.4
42.5°	8690.1	8551.9	7970.9	6766.4	6086.2	5866.6	5880.8	6213.8	6412.1	7053.4	8388.9
45°	8775.1	8629.8	8158.7	6784.1	6394.4	6444.0	6688.5	6752.2	6688.5	7198.6	8555.4
47.5°	8991.2	8675.9	8137.4	7021.5	6893.9	7085.2	7397.0	7535.2	7064.0	7145.5	8633.4
50°	8948.7	8768.0	8091.4	7120.7	7503.3	8009.9	8218.9	8162.2	7482.0	7035.7	8548.4
52.5°	8771.5	8576.7	8233.1	7389.9	8073.6	8686.5	8977.0	8835.3	7854.0	7283.6	8491.7
55°	9030.1	8881.4	8417.3	7754.8	8502.3	9281.7	9487.1	9380.9	8311.0	7513.9	8814.0
57.5°	9310.0	9278.1	8916.8	8183.5	9008.9	9894.5	9894.5	9763.5	8707.8	7846.9	9292.3
60°	9713.9	9784.7	9285.2	8466.9	9182.5	9859.1	10372.8	10220.5	9108.1	8431.4	9834.3
62.5°	9582.8	9809.5	9759.9	9076.2	9380.9	10032.7	10312.6	10425.9	9604.1	9143.5	10557.0
65°	9161.2	9402.1	9756.4	9476.5	9232.1	9611.1	9752.8	10096.5	9852.0	9813.1	10854.6
67.5°	8658.2	8920.3	9140.0	9745.8	8931.0	9182.5	9058.5	9168.3	9582.8	10546.4	11024.6
70°	7560.0	7811.5	8158.7	9147.1	8133.9	7907.1	7875.3	7822.1	8466.9	10284.2	10252.4
72.5°	6217.3	6334.2	6908.1	7436.0	6018.9	5976.4	6026.0	5965.8	6713.3	9310.0	8782.2
75°	4655.0	4771.9	5097.8	5710.7	4098.8	3854.4	4137.8	4417.7	5126.2	7227.0	6309.4
77.5°	3500.1	3648.9	3854.4	4272.4	3007.7	2625.1	2664.1	2929.7	3705.6	5788.6	3535.5
80°	2270.8	2253.1	2649.9	2940.4	2263.7	2334.6	2235.4	2430.2	2685.3	3096.3	1806.7
82.5°	1310.8	1328.5	1495.0	1686.3	1576.5	1803.2	1300.1	2171.6	1916.6	1261.2	673.1
85°	736.9	768.7	921.1	1169.1	988.4	662.5	542.0	1077.0	1204.5	517.2	325.9
87.5°	74.4	63.8	124.0	442.8	269.2	109.8	163.0	258.6	290.5	194.8	95.7
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°	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0
2.5°	5182.9	5182.9	5094.3	4945.5	4885.3	4779.0	4633.8	4679.8	4630.2	4449.5	4403.5
5°	4970.3	4800.3	4616.0	4389.3	4258.2	3989.0	3904.0	3751.6	3776.4	3624.1	3631.2
7.5°	4527.5	4392.9	4081.1	3783.5	3524.9	3291.1	2961.6	2837.6	2717.2	2657.0	2727.8
10°	4268.9	4017.3	3592.2	3202.5	2858.9	2649.9	2430.2	2260.2	2104.3	1987.4	1962.6
12.5°	4081.1	3857.9	3344.2	2869.5	2600.3	2430.2	2228.3	1994.5	1842.2	1640.2	1580.0
15°	4024.4	3751.6	3209.6	2738.4	2476.3	2196.4	1966.2	1735.9	1537.5	1324.9	1250.5
17.5°	4219.3	3904.0	3206.1	2632.2	2263.7	1962.6	1643.8	1385.2	1183.2	988.4	942.3
20°	4548.7	4066.9	3308.8	2568.4	2061.8	1657.9	1296.6	1038.0	811.3	683.7	651.8
22.5°	4924.2	4343.3	3319.4	2398.4	1859.9	1353.3	945.9	683.7	556.2	496.0	478.3
25°	5384.8	4786.1	3447.0	2260.2	1622.5	1027.4	673.1	524.3	449.9	414.5	407.4
27.5°	5763.8	5094.3	3585.1	2114.9	1388.7	761.7	527.9	428.7	389.7	354.3	350.7
30°	6157.1	5448.6	3624.1	2026.4	1186.8	627.0	453.5	379.1	336.5	318.8	315.3
32.5°	6500.7	5834.7	3748.1	1881.1	995.5	552.6	410.9	340.1	311.8	283.4	279.9
35°	6943.5	6057.9	3808.3	1803.2	924.6	499.5	375.5	311.8	269.2	251.5	244.4
37.5°	7418.3	6274.0	3847.3	1743.0	864.4	467.6	354.3	294.0	255.1	230.3	223.2
40°	7861.1	6578.7	3790.6	1668.6	818.3	428.7	340.1	272.8	237.4	212.6	201.9
42.5°	8201.2	6876.2	3772.9	1597.7	768.7	414.5	322.4	262.2	223.2	194.8	191.3
45°	8392.5	7078.2	3648.9	1541.0	729.8	421.6	315.3	248.0	212.6	187.8	173.6
47.5°	8346.4	7234.0	3680.8	1523.3	676.6	393.2	311.8	237.4	194.8	173.6	163.0
50°	8601.5	7549.3	3627.6	1466.6	637.7	354.3	340.1	237.4	191.3	166.5	155.9
52.5°	8644.0	7836.3	3741.0	1363.9	577.4	325.9	336.5	233.8	184.2	159.4	145.2
55°	8998.3	8169.3	3960.7	1307.2	527.9	283.4	308.2	226.7	166.5	145.2	138.2
57.5°	9480.1	8860.1	4102.4	1254.1	460.5	248.0	258.6	223.2	152.3	134.6	124.0
60°	9944.1	9136.4	4113.0	1158.4	396.8	223.2	201.9	223.2	141.7	120.4	109.8
62.5°	10291.3	9136.4	4042.1	1077.0	347.2	198.4	177.1	212.6	127.5	106.3	99.2
65°	10103.6	8892.0	3857.9	1009.6	315.3	173.6	152.3	163.0	113.4	92.1	85.0
67.5°	9767.0	8130.3	3450.5	928.2	311.8	152.3	131.1	120.4	99.2	81.5	74.4
70°	9228.5	7103.0	2873.1	836.1	304.7	138.2	116.9	102.7	88.6	70.9	63.8
72.5°	7436.0	5866.6	2359.4	782.9	297.6	120.4	99.2	88.6	74.4	60.2	53.1
75°	5151.0	3748.1	1817.4	669.6	290.5	109.8	92.1	77.9	63.8	49.6	46.1
77.5°	3089.2	2504.6	1172.6	503.1	191.3	88.6	77.9	60.2	53.1	42.5	39.0
80°	1445.4	1183.2	474.7	194.8	92.1	63.8	53.1	46.1	42.5	35.4	31.9
82.5°	566.8	499.5	230.3	113.4	74.4	49.6	42.5	39.0	35.4	28.3	24.8
85°	304.7	269.2	109.8	77.9	53.1	35.4	35.4	31.9	28.3	24.8	21.3
87.5°	67.3	49.6	46.1	46.1	39.0	28.3	28.3	24.8	21.3	17.7	14.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0
2.5°	4378.7	4431.8	4346.8	4399.9	4325.5	4382.2	4389.3	4336.2	4350.3	4421.2	4453.1
5°	3730.4	3695.0	3617.0	3592.2	3595.8	3549.7	3567.4	3592.2	3631.2	3652.4	3716.2
7.5°	2688.9	2770.3	2766.8	2827.0	2830.6	2823.5	2773.9	2667.6	2703.0	2674.7	2710.1
10°	1923.6	1959.1	2026.4	2065.3	2136.2	2097.2	1983.9	1941.4	1920.1	1916.6	1952.0
12.5°	1537.5	1452.5	1445.4	1459.6	1495.0	1448.9	1392.3	1342.7	1367.5	1417.0	1456.0
15°	1190.3	1119.5	1027.4	1013.2	1020.3	999.0	938.8	875.0	892.7	942.3	970.7
17.5°	914.0	832.5	768.7	726.2	712.1	637.7	549.1	496.0	481.8	478.3	503.1
20°	616.4	602.2	591.6	538.5	538.5	432.2	357.8	318.8	318.8	325.9	329.5
22.5°	460.5	442.8	446.4	435.7	407.4	322.4	283.4	272.8	272.8	279.9	279.9
25°	400.3	375.5	368.4	364.9	336.5	276.3	248.0	237.4	237.4	244.4	244.4
27.5°	340.1	333.0	322.4	308.2	283.4	237.4	219.6	209.0	212.6	216.1	212.6
30°	311.8	294.0	279.9	279.9	251.5	212.6	198.4	191.3	184.2	191.3	194.8
32.5°	276.3	265.7	258.6	248.0	216.1	187.8	173.6	166.5	163.0	163.0	166.5
35°	237.4	237.4	230.3	216.1	187.8	170.0	152.3	145.2	141.7	145.2	145.2
37.5°	212.6	201.9	205.5	191.3	166.5	148.8	131.1	124.0	124.0	120.4	124.0
40°	198.4	180.7	170.0	163.0	148.8	127.5	113.4	106.3	102.7	102.7	102.7
42.5°	177.1	163.0	141.7	138.2	134.6	109.8	92.1	88.6	85.0	81.5	81.5
45°	166.5	145.2	127.5	109.8	109.8	92.1	77.9	70.9	67.3	63.8	67.3
47.5°	152.3	131.1	109.8	92.1	88.6	74.4	60.2	53.1	49.6	49.6	49.6
50°	145.2	116.9	95.7	77.9	67.3	60.2	46.1	39.0	35.4	35.4	35.4
52.5°	134.6	109.8	85.0	67.3	53.1	46.1	35.4	28.3	24.8	24.8	24.8
55°	120.4	99.2	74.4	56.7	46.1	35.4	24.8	17.7	14.2	14.2	14.2
57.5°	113.4	88.6	63.8	49.6	35.4	24.8	14.2	10.6	10.6	7.1	10.6
60°	102.7	77.9	53.1	39.0	28.3	17.7	10.6	3.5	3.5	3.5	3.5
62.5°	88.6	67.3	46.1	31.9	21.3	10.6	3.5	0.0	0.0	0.0	0.0
65°	74.4	53.1	35.4	24.8	14.2	3.5	0.0	0.0	0.0	0.0	0.0
67.5°	63.8	46.1	28.3	17.7	10.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	56.7	39.0	21.3	14.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	46.1	31.9	17.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	39.0	24.8	10.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	31.9	17.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	24.8	14.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	21.3	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	3.5	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: P599472  
 CATALOG NUMBER: IFLD-M-SA4A-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0	4988.0
2.5°	4499.1	4477.9	4584.2	4757.7	4846.3	5019.9	5062.4	5172.2	5143.9	5182.9
5°	3723.3	3765.8	3921.7	4176.8	4268.9	4520.4	4757.7	4995.1	5147.4	5221.8
7.5°	2763.2	2905.0	3096.3	3330.1	3567.4	3896.9	4300.7	4577.1	4725.9	4885.3
10°	2058.3	2210.6	2430.2	2660.5	3046.7	3415.1	3818.9	4162.6	4290.1	4438.9
12.5°	1619.0	1856.3	2111.4	2359.4	2589.7	2940.4	3439.9	3939.4	4077.6	4190.9
15°	1126.6	1417.0	1781.9	2104.3	2426.7	2731.4	3248.6	3854.4	4042.1	4233.4
17.5°	623.5	853.8	1271.8	1725.3	2200.0	2667.6	3312.4	4010.2	4293.7	4428.3
20°	361.3	453.5	751.0	1289.5	1916.6	2529.4	3344.2	4304.3	4679.8	4747.1
22.5°	297.6	329.5	425.1	807.7	1569.4	2440.9	3507.2	4715.2	5097.8	5257.3
25°	255.1	279.9	329.5	485.3	1186.8	2253.1	3609.9	5228.9	5583.2	5756.8
27.5°	226.7	251.5	290.5	357.8	807.7	1994.5	3780.0	5693.0	6047.3	6284.6
30°	198.4	219.6	258.6	304.7	559.7	1704.0	3925.2	6033.1	6532.6	6607.0
32.5°	177.1	194.8	223.2	262.2	414.5	1293.1	4042.1	6383.8	6805.4	6968.3
35°	152.3	173.6	191.3	223.2	315.3	974.2	3971.3	6656.6	7205.7	7400.5
37.5°	134.6	148.8	166.5	187.8	265.7	761.7	3826.0	6982.5	7549.3	7730.0
40°	113.4	124.0	145.2	166.5	240.9	588.1	3659.5	7375.7	8031.1	8350.0
42.5°	95.7	106.3	120.4	155.9	198.4	435.7	3323.0	7680.4	8420.8	8690.1
45°	74.4	88.6	109.8	155.9	159.4	322.4	2975.8	7907.1	8640.5	8775.1
47.5°	56.7	70.9	106.3	134.6	127.5	223.2	2564.9	8165.7	8867.2	8991.2
50°	42.5	56.7	120.4	116.9	106.3	170.0	2306.2	8346.4	8881.4	8948.7
52.5°	28.3	42.5	99.2	88.6	88.6	148.8	2235.4	8339.3	8916.8	8771.5
55°	21.3	31.9	56.7	63.8	77.9	131.1	2171.6	8605.0	8927.4	9030.1
57.5°	14.2	24.8	39.0	49.6	67.3	113.4	2040.6	8923.9	9256.9	9310.0
60°	7.1	17.7	28.3	39.0	56.7	99.2	1856.3	9157.7	9657.2	9713.9
62.5°	3.5	10.6	21.3	31.9	46.1	77.9	1665.0	8785.7	9483.6	9582.8
65°	0.0	7.1	14.2	21.3	28.3	56.7	1353.3	7931.9	8796.3	9161.2
67.5°	0.0	0.0	7.1	14.2	17.7	42.5	1020.3	7216.3	8162.2	8658.2
70°	0.0	0.0	3.5	3.5	10.6	31.9	651.8	5976.4	7287.2	7560.0
72.5°	0.0	0.0	0.0	0.0	3.5	21.3	379.1	4438.9	5710.7	6217.3
75°	0.0	0.0	0.0	0.0	0.0	17.7	191.3	2855.4	3974.8	4655.0
77.5°	0.0	0.0	0.0	0.0	0.0	14.2	102.7	1842.2	2929.7	3500.1
80°	0.0	0.0	0.0	0.0	0.0	3.5	60.2	1069.9	1874.0	2270.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.8	524.3	1119.5	1310.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.1	279.9	559.7	736.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	39.0	74.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)