

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: P599501

Luminaire Tested: **IFLD-M-SA4A-740-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: P599501  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-740-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (64) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

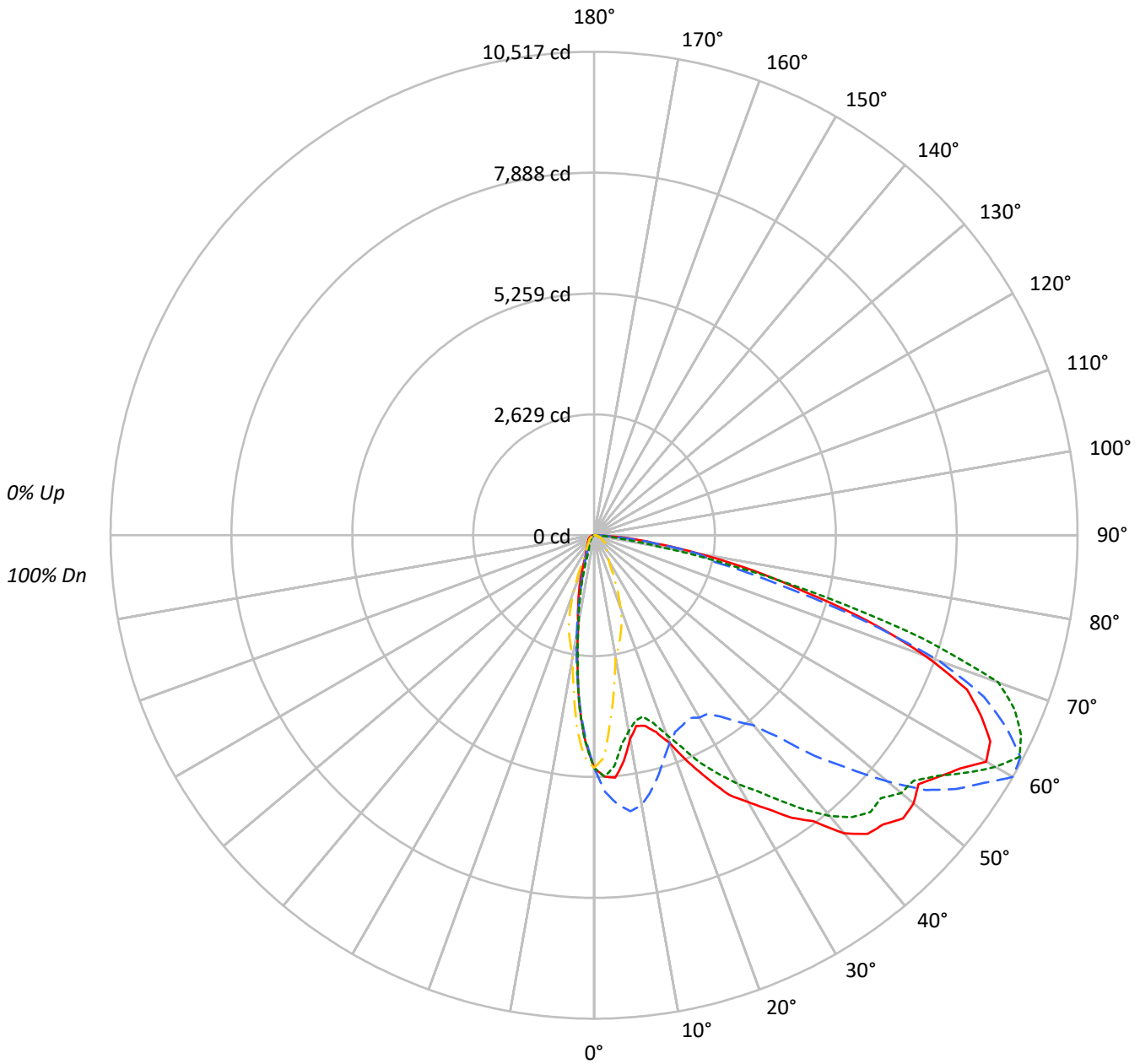
Lumens per Lamp: N/A  
 Luminaire Lumens: 13450.5 lumens  
 Efficiency: N/A  
 Efficacy: 104.6 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 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°	54436	54436	54436	54436
5°	57206	54450	39780	40013
10°	49191	47307	21750	21239
15°	47831	45469	14129	10647
20°	55133	52828	7570	3785
25°	69321	64842	4906	2943
30°	83260	77590	3974	2411
35°	98596	92508	3256	1936
40°	118957	111993	2876	1464
45°	135434	129528	2679	985
50°	151934	146039	2646	601
55°	171817	171211	2629	270
60°	212023	217050	2396	78
65°	236574	260908	2195	0
70°	241230	294470	2036	0
75°	196286	217196	1942	0
80°	142719	90842	2002	0
85°	92268	38150	2668	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	384.2	2.9
10°-20°	753.4	5.6
20°-30°	1042.6	7.8
30°-40°	1473.4	11.0
40°-50°	2006.1	14.9
50°-60°	2657.0	19.8
60°-70°	3084.9	22.9
70°-80°	1747.0	13.0
80°-90°	301.9	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°	2180.2	16.2
0°-40°	3653.6	27.2
0°-60°	8316.7	61.8
0°-90°	13450.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13450.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5057	5057	5057	5057	5057	
5°	5294	5039	3682	3703	5294	475
15°	4292	4080	1268	955	4292	1259
25°	5837	5460	413	248	5837	2722
35°	7503	7040	248	147	7503	4730
45°	8897	8509	176	65	8897	6898
55°	9156	9123	140	14	9156	8295
65°	9288	10244	86	0	9288	9055
75°	4720	5222	47	0	4720	5151
85°	747	309	22	0	747	898
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°	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3
2.5°	5254.8	5366.2	5369.8	5420.1	5470.4	5470.4	5588.9	5560.2	5456.0	5438.0	5362.6
5°	5294.4	5333.9	5362.6	5617.6	5833.1	5811.6	5876.2	5833.1	5632.0	5373.4	5197.4
7.5°	4953.1	4996.2	5111.2	5545.8	5836.7	5933.7	6055.8	5786.4	5574.5	5107.6	4770.0
10°	4500.6	4583.2	4795.1	5290.8	5650.0	5958.8	5958.8	5743.3	5333.9	4877.7	4464.6
12.5°	4249.1	4414.4	4529.3	5032.2	5499.1	5711.0	5703.8	5588.9	5323.1	4748.4	4281.5
15°	4292.2	4338.9	4583.2	4974.7	5283.6	5272.8	5402.1	5366.2	5179.4	4863.3	4349.7
17.5°	4489.8	4561.6	4773.5	4974.7	5122.0	5078.8	5075.3	5247.7	5258.4	5057.3	4604.7
20°	4813.1	5025.0	5125.5	5186.6	5007.0	4823.8	4802.3	5042.9	5229.7	5305.1	4910.0
22.5°	5330.3	5470.4	5675.1	5362.6	4895.7	4665.8	4622.7	4888.5	5265.6	5599.7	5305.1
25°	5836.7	5944.5	6142.0	5739.7	5021.4	4633.5	4558.0	4787.9	5402.1	6009.1	5782.8
27.5°	6371.9	6465.3	6486.8	6016.3	5089.6	4568.8	4479.0	4787.9	5517.1	6224.6	6353.9
30°	6698.8	6810.1	6831.7	6260.6	5201.0	4622.7	4579.6	4809.5	5596.1	6407.8	6763.4
32.5°	7065.1	7093.9	7075.9	6303.7	5323.1	4780.7	4601.1	4953.1	5685.9	6626.9	7137.0
35°	7503.3	7553.6	7370.4	6501.2	5596.1	4881.3	4816.6	5129.1	5840.3	6727.5	7589.5
37.5°	7837.4	7995.4	7582.4	6576.6	5650.0	5093.2	5104.0	5495.5	5948.1	6849.6	8088.8
40°	8465.9	8200.2	7941.5	6835.3	5854.7	5452.4	5394.9	5872.6	6310.8	6928.6	8415.7
42.5°	8810.8	8670.7	8081.6	6860.4	6170.8	5948.1	5962.4	6300.1	6501.2	7151.3	8505.5
45°	8897.0	8749.7	8272.0	6878.4	6483.3	6533.5	6781.4	6846.0	6781.4	7298.6	8674.3
47.5°	9116.1	8796.4	8250.4	7119.0	6989.7	7183.7	7499.7	7639.8	7162.1	7244.7	8753.3
50°	9073.0	8889.8	8203.7	7219.6	7607.5	8121.1	8333.0	8275.6	7585.9	7133.4	8667.1
52.5°	8893.4	8695.8	8347.4	7492.6	8185.8	8807.2	9101.7	8958.0	7963.1	7384.8	8609.6
55°	9155.6	9004.7	8534.2	7862.5	8620.4	9410.6	9618.9	9511.2	8426.4	7618.3	8936.5
57.5°	9439.3	9407.0	9040.6	8297.1	9134.0	10032.0	10032.0	9899.1	8828.7	7955.9	9421.4
60°	9848.8	9920.6	9414.2	8584.5	9310.0	9996.1	10516.9	10362.4	9234.6	8548.6	9970.9
62.5°	9715.9	9945.8	9895.5	9202.3	9511.2	10172.1	10455.8	10570.8	9737.5	9270.5	10703.7
65°	9288.5	9532.7	9891.9	9608.1	9360.3	9744.6	9888.3	10236.7	9988.9	9949.4	11005.4
67.5°	8778.4	9044.2	9266.9	9881.1	9055.0	9310.0	9184.3	9295.7	9715.9	10692.9	11177.8
70°	7665.0	7920.0	8272.0	9274.1	8246.8	8017.0	7984.6	7930.8	8584.5	10427.1	10394.8
72.5°	6303.7	6422.2	7004.1	7539.3	6102.5	6059.4	6109.7	6048.6	6806.5	9439.3	8904.2
75°	4719.7	4838.2	5168.6	5790.0	4155.7	3907.9	4195.3	4479.0	5197.4	7327.3	6397.1
77.5°	3548.7	3699.6	3907.9	4331.7	3049.5	2661.5	2701.1	2970.4	3757.1	5869.1	3584.6
80°	2302.4	2284.4	2686.7	2981.2	2295.2	2367.0	2266.4	2464.0	2722.6	3139.3	1831.8
82.5°	1329.0	1346.9	1515.8	1709.7	1598.4	1828.2	1318.2	2201.8	1943.2	1278.7	682.4
85°	747.1	779.4	933.9	1185.3	1002.1	671.7	549.6	1091.9	1221.2	524.4	330.4
87.5°	75.4	64.7	125.7	449.0	273.0	111.3	165.2	262.2	294.5	197.6	97.0
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°	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3
2.5°	5254.8	5254.8	5165.1	5014.2	4953.1	4845.4	4698.1	4744.8	4694.5	4511.3	4464.6
5°	5039.3	4866.9	4680.2	4450.3	4317.4	4044.4	3958.2	3803.7	3828.9	3674.4	3681.6
7.5°	4590.4	4453.9	4137.8	3836.1	3573.9	3336.8	3002.8	2877.1	2754.9	2693.9	2765.7
10°	4328.2	4073.1	3642.1	3247.0	2898.6	2686.7	2464.0	2291.6	2133.5	2015.0	1989.9
12.5°	4137.8	3911.5	3390.7	2909.4	2636.4	2464.0	2259.3	2022.2	1867.8	1663.0	1602.0
15°	4080.3	3803.7	3254.2	2776.5	2510.7	2226.9	1993.5	1760.0	1558.9	1343.3	1267.9
17.5°	4277.9	3958.2	3250.6	2668.7	2295.2	1989.9	1666.6	1404.4	1199.7	1002.1	955.4
20°	4611.9	4123.4	3354.8	2604.1	2090.4	1681.0	1314.6	1052.4	822.5	693.2	660.9
22.5°	4992.6	4403.6	3365.5	2431.7	1885.7	1372.1	959.0	693.2	563.9	502.9	484.9
25°	5459.6	4852.6	3494.9	2291.6	1645.1	1041.6	682.4	531.6	456.2	420.2	413.1
27.5°	5843.9	5165.1	3634.9	2144.3	1408.0	772.2	535.2	434.6	395.1	359.2	355.6
30°	6242.6	5524.2	3674.4	2054.5	1203.3	635.8	459.8	384.3	341.2	323.3	319.7
32.5°	6591.0	5915.7	3800.2	1907.3	1009.3	560.3	416.7	344.8	316.1	287.3	283.8
35°	7040.0	6142.0	3861.2	1828.2	937.5	506.4	380.7	316.1	273.0	255.0	247.8
37.5°	7521.3	6361.1	3900.7	1767.2	876.4	474.1	359.2	298.1	258.6	233.5	226.3
40°	7970.3	6670.0	3843.3	1691.8	829.7	434.6	344.8	276.6	240.7	215.5	204.7
42.5°	8315.1	6971.7	3825.3	1619.9	779.4	420.2	326.9	265.8	226.3	197.6	194.0
45°	8509.0	7176.5	3699.6	1562.4	739.9	427.4	319.7	251.4	215.5	190.4	176.0
47.5°	8462.4	7334.5	3731.9	1544.5	686.0	398.7	316.1	240.7	197.6	176.0	165.2
50°	8721.0	7654.2	3678.0	1487.0	646.5	359.2	344.8	240.7	194.0	168.8	158.0
52.5°	8764.1	7945.1	3793.0	1382.9	585.5	330.4	341.2	237.1	186.8	161.6	147.3
55°	9123.3	8282.8	4015.7	1325.4	535.2	287.3	312.5	229.9	168.8	147.3	140.1
57.5°	9611.7	8983.2	4159.3	1271.5	466.9	251.4	262.2	226.3	154.4	136.5	125.7
60°	10082.3	9263.3	4170.1	1174.5	402.3	226.3	204.7	226.3	143.7	122.1	111.3
62.5°	10434.3	9263.3	4098.3	1091.9	352.0	201.1	179.6	215.5	129.3	107.8	100.6
65°	10243.9	9015.5	3911.5	1023.7	319.7	176.0	154.4	165.2	114.9	93.4	86.2
67.5°	9902.7	8243.3	3498.4	941.1	316.1	154.4	132.9	122.1	100.6	82.6	75.4
70°	9356.7	7201.6	2913.0	847.7	308.9	140.1	118.5	104.2	89.8	71.8	64.7
72.5°	7539.3	5948.1	2392.2	793.8	301.7	122.1	100.6	89.8	75.4	61.1	53.9
75°	5222.5	3800.2	1842.6	678.9	294.5	111.3	93.4	79.0	64.7	50.3	46.7
77.5°	3132.1	2539.4	1188.9	510.0	194.0	89.8	79.0	61.1	53.9	43.1	39.5
80°	1465.5	1199.7	481.3	197.6	93.4	64.7	53.9	46.7	43.1	35.9	32.3
82.5°	574.7	506.4	233.5	114.9	75.4	50.3	43.1	39.5	35.9	28.7	25.1
85°	308.9	273.0	111.3	79.0	53.9	35.9	35.9	32.3	28.7	25.1	21.6
87.5°	68.2	50.3	46.7	46.7	39.5	28.7	28.7	25.1	21.6	18.0	14.4
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°	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3
2.5°	4439.5	4493.4	4407.2	4461.1	4385.6	4443.1	4450.3	4396.4	4410.8	4482.6	4514.9
5°	3782.2	3746.3	3667.3	3642.1	3645.7	3599.0	3617.0	3642.1	3681.6	3703.2	3767.8
7.5°	2726.2	2808.8	2805.2	2866.3	2869.9	2862.7	2812.4	2704.6	2740.6	2711.8	2747.8
10°	1950.4	1986.3	2054.5	2094.0	2165.9	2126.4	2011.4	1968.3	1946.8	1943.2	1979.1
12.5°	1558.9	1472.7	1465.5	1479.8	1515.8	1469.1	1411.6	1361.3	1386.4	1436.7	1476.2
15°	1206.9	1135.0	1041.6	1027.3	1034.4	1012.9	951.8	887.2	905.1	955.4	984.2
17.5°	926.7	844.1	779.4	736.3	722.0	646.5	556.7	502.9	488.5	484.9	510.0
20°	625.0	610.6	599.8	546.0	546.0	438.2	362.8	323.3	323.3	330.4	334.0
22.5°	466.9	449.0	452.6	441.8	413.1	326.9	287.3	276.6	276.6	283.8	283.8
25°	405.9	380.7	373.6	370.0	341.2	280.2	251.4	240.7	240.7	247.8	247.8
27.5°	344.8	337.6	326.9	312.5	287.3	240.7	222.7	211.9	215.5	219.1	215.5
30°	316.1	298.1	283.8	283.8	255.0	215.5	201.1	194.0	186.8	194.0	197.6
32.5°	280.2	269.4	262.2	251.4	219.1	190.4	176.0	168.8	165.2	165.2	168.8
35°	240.7	240.7	233.5	219.1	190.4	172.4	154.4	147.3	143.7	147.3	147.3
37.5°	215.5	204.7	208.3	194.0	168.8	150.9	132.9	125.7	125.7	122.1	125.7
40°	201.1	183.2	172.4	165.2	150.9	129.3	114.9	107.8	104.2	104.2	104.2
42.5°	179.6	165.2	143.7	140.1	136.5	111.3	93.4	89.8	86.2	82.6	82.6
45°	168.8	147.3	129.3	111.3	111.3	93.4	79.0	71.8	68.2	64.7	68.2
47.5°	154.4	132.9	111.3	93.4	89.8	75.4	61.1	53.9	50.3	50.3	50.3
50°	147.3	118.5	97.0	79.0	68.2	61.1	46.7	39.5	35.9	35.9	35.9
52.5°	136.5	111.3	86.2	68.2	53.9	46.7	35.9	28.7	25.1	25.1	25.1
55°	122.1	100.6	75.4	57.5	46.7	35.9	25.1	18.0	14.4	14.4	14.4
57.5°	114.9	89.8	64.7	50.3	35.9	25.1	14.4	10.8	10.8	7.2	10.8
60°	104.2	79.0	53.9	39.5	28.7	18.0	10.8	3.6	3.6	3.6	3.6
62.5°	89.8	68.2	46.7	32.3	21.6	10.8	3.6	0.0	0.0	0.0	0.0
65°	75.4	53.9	35.9	25.1	14.4	3.6	0.0	0.0	0.0	0.0	0.0
67.5°	64.7	46.7	28.7	18.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	57.5	39.5	21.6	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	46.7	32.3	18.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	39.5	25.1	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	32.3	18.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	25.1	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	21.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.8	3.6	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: P599501  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3	5057.3
2.5°	4561.6	4540.1	4647.8	4823.8	4913.6	5089.6	5132.7	5244.1	5215.3	5254.8
5°	3775.0	3818.1	3976.2	4234.8	4328.2	4583.2	4823.8	5064.5	5218.9	5294.4
7.5°	2801.6	2945.3	3139.3	3376.3	3617.0	3951.0	4360.5	4640.6	4791.5	4953.1
10°	2086.9	2241.3	2464.0	2697.5	3089.0	3462.5	3872.0	4220.4	4349.7	4500.6
12.5°	1641.5	1882.1	2140.7	2392.2	2625.6	2981.2	3487.7	3994.1	4134.2	4249.1
15°	1142.2	1436.7	1806.7	2133.5	2460.4	2769.3	3293.7	3907.9	4098.3	4292.2
17.5°	632.2	865.6	1289.5	1749.2	2230.5	2704.6	3358.4	4066.0	4353.3	4489.8
20°	366.4	459.8	761.5	1307.4	1943.2	2564.6	3390.7	4364.1	4744.8	4813.1
22.5°	301.7	334.0	431.0	818.9	1591.2	2474.8	3555.9	4780.7	5168.6	5330.3
25°	258.6	283.8	334.0	492.1	1203.3	2284.4	3660.1	5301.5	5660.7	5836.7
27.5°	229.9	255.0	294.5	362.8	818.9	2022.2	3832.5	5772.1	6131.3	6371.9
30°	201.1	222.7	262.2	308.9	567.5	1727.7	3979.7	6116.9	6623.3	6698.8
32.5°	179.6	197.6	226.3	265.8	420.2	1311.0	4098.3	6472.5	6899.9	7065.1
35°	154.4	176.0	194.0	226.3	319.7	987.8	4026.4	6749.1	7305.8	7503.3
37.5°	136.5	150.9	168.8	190.4	269.4	772.2	3879.2	7079.5	7654.2	7837.4
40°	114.9	125.7	147.3	168.8	244.2	596.2	3710.4	7478.2	8142.7	8465.9
42.5°	97.0	107.8	122.1	158.0	201.1	441.8	3369.1	7787.1	8537.8	8810.8
45°	75.4	89.8	111.3	158.0	161.6	326.9	3017.1	8017.0	8760.5	8897.0
47.5°	57.5	71.8	107.8	136.5	129.3	226.3	2600.5	8279.2	8990.4	9116.1
50°	43.1	57.5	122.1	118.5	107.8	172.4	2338.3	8462.4	9004.7	9073.0
52.5°	28.7	43.1	100.6	89.8	89.8	150.9	2266.4	8455.2	9040.6	8893.4
55°	21.6	32.3	57.5	64.7	79.0	132.9	2201.8	8724.6	9051.4	9155.6
57.5°	14.4	25.1	39.5	50.3	68.2	114.9	2068.9	9047.8	9385.5	9439.3
60°	7.2	18.0	28.7	39.5	57.5	100.6	1882.1	9284.9	9791.3	9848.8
62.5°	3.6	10.8	21.6	32.3	46.7	79.0	1688.2	8907.7	9615.3	9715.9
65°	0.0	7.2	14.4	21.6	28.7	57.5	1372.1	8042.1	8918.5	9288.5
67.5°	0.0	0.0	7.2	14.4	18.0	43.1	1034.4	7316.6	8275.6	8778.4
70°	0.0	0.0	3.6	3.6	10.8	32.3	660.9	6059.4	7388.4	7665.0
72.5°	0.0	0.0	0.0	0.0	3.6	21.6	384.3	4500.6	5790.0	6303.7
75°	0.0	0.0	0.0	0.0	0.0	18.0	194.0	2895.0	4030.0	4719.7
77.5°	0.0	0.0	0.0	0.0	0.0	14.4	104.2	1867.8	2970.4	3548.7
80°	0.0	0.0	0.0	0.0	0.0	3.6	61.1	1084.7	1900.1	2302.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.1	531.6	1135.0	1329.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	283.8	567.5	747.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	39.5	75.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)