

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: P599504

Luminaire Tested: **IFLD-M-SA4D-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: P599504  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4D-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**

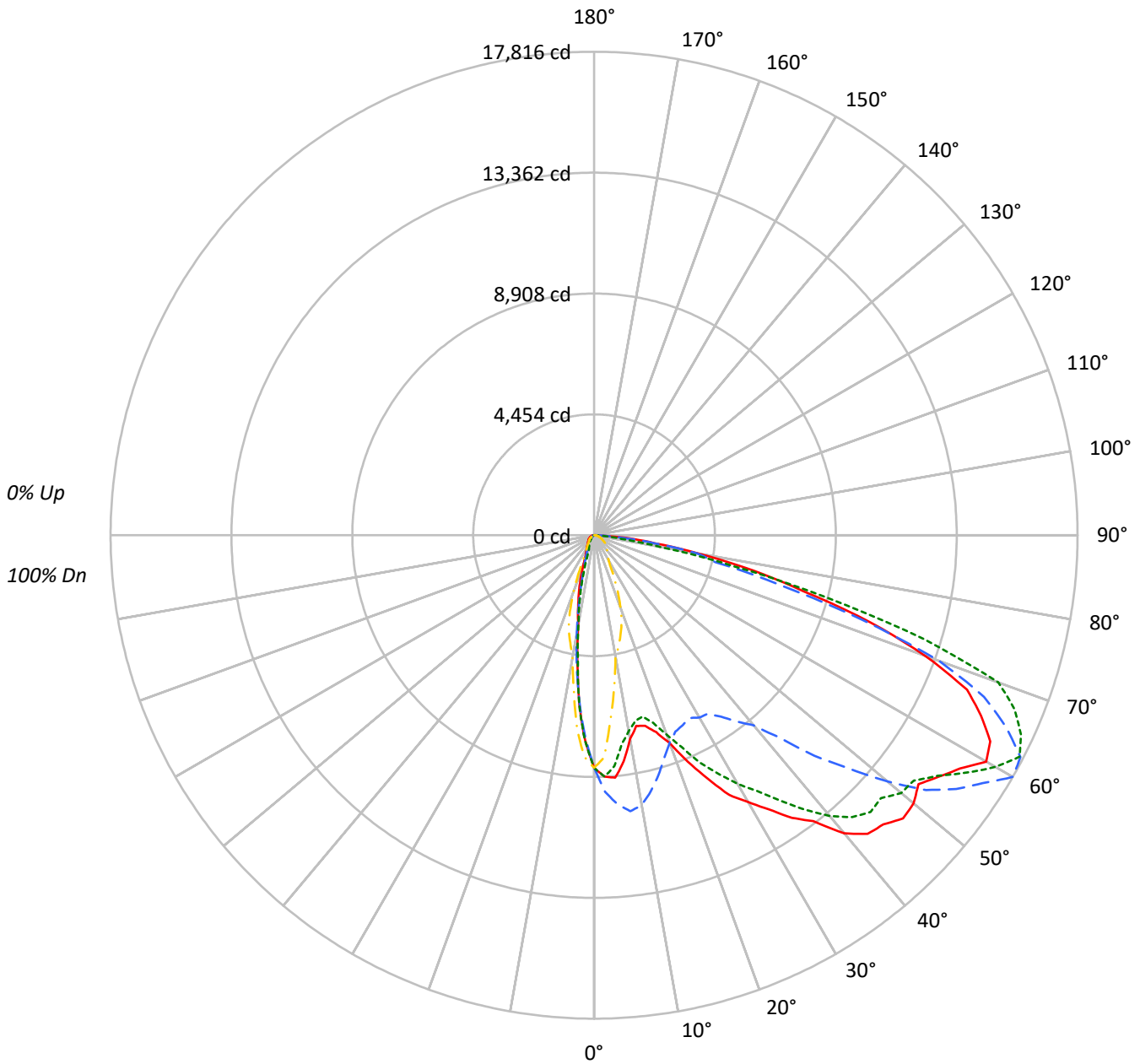
Lumens per Lamp: N/A  
 Luminaire Lumens: 22785.3 lumens  
 Efficiency: N/A  
 Efficacy: 91.3 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 249.7  
 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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

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

	0°	90°	180°	270°
0°	92216	92216	92216	92216
5°	96907	92239	67388	67782
10°	83330	80137	36844	35979
15°	81026	77026	23935	18036
20°	93395	89491	12825	6412
25°	117431	109843	8310	4986
30°	141043	131438	6730	4084
35°	167023	156709	5516	3279
40°	201515	189716	4873	2480
45°	229427	219423	4538	1667
50°	257376	247391	4483	1018
55°	291060	290031	4453	456
60°	359170	367685	4060	131
65°	400759	441981	3719	0
70°	408643	498837	3446	0
75°	332509	367934	3290	0
80°	241761	153883	3397	0
85°	156304	64629	4508	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	650.8	2.9
10°-20°	1276.3	5.6
20°-30°	1766.1	7.8
30°-40°	2496.0	11.0
40°-50°	3398.4	14.9
50°-60°	4500.9	19.8
60°-70°	5225.9	22.9
70°-80°	2959.5	13.0
80°-90°	511.4	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°	3693.3	16.2
0°-40°	6189.3	27.2
0°-60°	14088.6	61.8
0°-90°	22785.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22785.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8567	8567	8567	8567	8567	
5°	8969	8537	6237	6273	8969	805
15°	7271	6912	2148	1618	7271	2133
25°	9888	9249	700	420	9888	4611
35°	12711	11926	420	250	12711	8013
45°	15072	14414	298	110	15072	11685
55°	15510	15455	237	24	15510	14052
65°	15735	17353	146	0	15735	15339
75°	7995	8847	79	0	7995	8726
85°	1266	523	36	0	1266	1521
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°	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1
2.5°	8901.8	9090.4	9096.5	9181.7	9266.9	9266.9	9467.6	9419.0	9242.5	9212.1	9084.3
5°	8968.7	9035.6	9084.3	9516.3	9881.4	9844.9	9954.4	9881.4	9540.7	9102.6	8804.4
7.5°	8390.7	8463.7	8658.4	9394.6	9887.5	10051.8	10258.6	9802.3	9443.3	8652.3	8080.4
10°	7624.0	7764.0	8122.9	8962.6	9571.1	10094.4	10094.4	9729.3	9035.6	8262.9	7563.2
12.5°	7198.1	7478.0	7672.7	8524.5	9315.5	9674.5	9662.3	9467.6	9017.4	8043.8	7252.8
15°	7271.1	7350.2	7764.0	8427.2	8950.5	8932.2	9151.2	9090.4	8774.0	8238.6	7368.5
17.5°	7605.8	7727.4	8086.4	8427.2	8676.6	8603.6	8597.5	8889.6	8907.9	8567.1	7800.5
20°	8153.4	8512.4	8682.7	8786.2	8481.9	8171.6	8135.1	8542.8	8859.2	8987.0	8317.7
22.5°	9029.6	9266.9	9613.7	9084.3	8293.3	7903.9	7830.9	8281.1	8920.0	9485.9	8987.0
25°	9887.5	10070.0	10404.7	9723.2	8506.3	7849.1	7721.4	8110.8	9151.2	10179.5	9796.2
27.5°	10794.1	10952.3	10988.8	10191.7	8621.9	7739.6	7587.5	8110.8	9346.0	10544.6	10763.7
30°	11347.8	11536.4	11572.9	10605.5	8810.5	7830.9	7757.9	8147.3	9479.8	10854.9	11457.3
32.5°	11968.4	12017.1	11986.7	10678.5	9017.4	8098.6	7794.4	8390.7	9631.9	11226.1	12090.1
35°	12710.7	12795.9	12485.6	11013.1	9479.8	8269.0	8159.5	8688.8	9893.6	11396.5	12856.8
37.5°	13276.6	13544.3	12844.6	11140.9	9571.1	8628.0	8646.2	9309.4	10076.1	11603.3	13702.5
40°	14341.4	13891.1	13453.1	11579.0	9917.9	9236.4	9139.1	9948.3	10690.6	11737.2	14256.2
42.5°	14925.5	14688.2	13690.4	11621.6	10453.3	10076.1	10100.4	10672.4	11013.1	12114.4	14408.3
45°	15071.6	14822.1	14012.8	11652.0	10982.7	11067.9	11487.7	11597.3	11487.7	12363.9	14694.3
47.5°	15442.7	14901.2	13976.3	12059.7	11840.6	12169.2	12704.7	12942.0	12132.7	12272.6	14828.2
50°	15369.7	15059.4	13897.2	12230.1	12887.2	13757.3	14116.3	14018.9	12850.7	12084.0	14682.1
52.5°	15065.5	14730.8	14140.6	12692.5	13866.8	14919.4	15418.4	15175.0	13489.6	12509.9	14584.8
55°	15509.7	15254.1	14457.0	13319.2	14603.0	15941.7	16294.6	16112.0	14274.5	12905.4	15138.5
57.5°	15990.3	15935.6	15314.9	14055.4	15473.1	16994.3	16994.3	16769.2	14956.0	13477.4	15959.9
60°	16684.0	16805.7	15947.7	14542.2	15771.3	16933.5	17815.7	17554.1	15643.5	14481.4	16890.9
62.5°	16458.9	16848.3	16763.1	15588.8	16112.0	17231.6	17712.3	17907.0	16495.4	15704.4	18132.1
65°	15734.8	16148.5	16757.0	16276.3	15856.5	16507.5	16750.9	17341.1	16921.3	16854.4	18643.2
67.5°	14870.8	15321.0	15698.3	16738.7	15339.3	15771.3	15558.3	15747.0	16458.9	18113.9	18935.3
70°	12984.5	13416.6	14012.8	15710.4	13970.2	13580.8	13526.1	13434.8	14542.2	17663.6	17608.8
72.5°	10678.5	10879.3	11865.0	12771.6	10337.7	10264.7	10349.9	10246.5	11530.3	15990.3	15083.7
75°	7995.2	8196.0	8755.7	9808.4	7039.9	6620.0	7106.8	7587.5	8804.4	12412.6	10836.7
77.5°	6011.6	6267.1	6620.0	7338.0	5165.8	4508.7	4575.6	5032.0	6364.5	9942.2	6072.4
80°	3900.2	3869.8	4551.3	5050.2	3888.1	4009.8	3839.4	4174.0	4612.1	5317.9	3103.1
82.5°	2251.3	2281.7	2567.7	2896.3	2707.6	3097.1	2233.0	3729.9	3291.8	2166.1	1156.1
85°	1265.6	1320.4	1582.0	2007.9	1697.6	1137.8	930.9	1849.7	2068.8	888.4	559.8
87.5°	127.8	109.5	213.0	760.6	462.4	188.6	279.9	444.2	498.9	334.7	164.3
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°	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1
2.5°	8901.8	8901.8	8749.7	8494.1	8390.7	8208.1	7958.7	8037.8	7952.6	7642.3	7563.2
5°	8536.7	8244.6	7928.2	7538.8	7313.7	6851.3	6705.2	6443.6	6486.2	6224.5	6236.7
7.5°	7776.1	7544.9	7009.5	6498.4	6054.2	5652.6	5086.7	4873.8	4666.9	4563.5	4685.1
10°	7331.9	6899.9	6169.8	5500.5	4910.3	4551.3	4174.0	3882.0	3614.3	3413.5	3370.9
12.5°	7009.5	6626.1	5743.9	4928.5	4466.1	4174.0	3827.2	3425.6	3164.0	2817.2	2713.7
15°	6912.1	6443.6	5512.7	4703.4	4253.1	3772.5	3377.0	2981.5	2640.7	2275.6	2147.9
17.5°	7246.8	6705.2	5506.6	4520.9	3888.1	3370.9	2823.3	2379.1	2032.3	1697.6	1618.5
20°	7812.6	6985.1	5683.0	4411.3	3541.2	2847.6	2227.0	1782.8	1393.4	1174.3	1119.6
22.5°	8457.6	7459.7	5701.3	4119.3	3194.4	2324.3	1624.6	1174.3	955.3	851.8	821.4
25°	9248.6	8220.3	5920.3	3882.0	2786.7	1764.5	1156.1	900.5	772.7	711.9	699.7
27.5°	9899.6	8749.7	6157.6	3632.5	2385.2	1308.2	906.6	736.2	669.3	608.5	602.4
30°	10575.0	9358.1	6224.5	3480.4	2038.3	1077.0	778.8	651.1	578.0	547.6	541.5
32.5°	11165.2	10021.3	6437.5	3230.9	1709.8	949.2	705.8	584.1	535.4	486.8	480.7
35°	11925.8	10404.7	6540.9	3097.1	1588.1	857.9	645.0	535.4	462.4	432.0	419.8
37.5°	12741.2	10775.8	6607.9	2993.6	1484.6	803.2	608.5	505.0	438.1	395.5	383.3
40°	13501.7	11299.1	6510.5	2865.8	1405.5	736.2	584.1	468.5	407.7	365.1	346.8
42.5°	14085.9	11810.2	6480.1	2744.2	1320.4	711.9	553.7	450.3	383.3	334.7	328.6
45°	14414.4	12157.0	6267.1	2646.8	1253.4	724.1	541.5	425.9	365.1	322.5	298.1
47.5°	14335.3	12424.8	6321.9	2616.4	1162.2	675.4	535.4	407.7	334.7	298.1	279.9
50°	14773.4	12966.3	6230.6	2519.0	1095.2	608.5	584.1	407.7	328.6	286.0	267.7
52.5°	14846.4	13459.1	6425.3	2342.6	991.8	559.8	578.0	401.6	316.4	273.8	249.5
55°	15454.9	14031.1	6802.6	2245.2	906.6	486.8	529.4	389.4	286.0	249.5	237.3
57.5°	16282.4	15217.6	7046.0	2153.9	791.0	425.9	444.2	383.3	261.6	231.2	213.0
60°	17079.5	15692.2	7064.2	1989.7	681.5	383.3	346.8	383.3	243.4	206.9	188.6
62.5°	17675.8	15692.2	6942.5	1849.7	596.3	340.7	304.2	365.1	219.0	182.5	170.4
65°	17353.3	15272.4	6626.1	1734.1	541.5	298.1	261.6	279.9	194.7	158.2	146.0
67.5°	16775.3	13964.2	5926.4	1594.2	535.4	261.6	225.1	206.9	170.4	139.9	127.8
70°	15850.4	12199.6	4934.6	1436.0	523.3	237.3	200.8	176.5	152.1	121.7	109.5
72.5°	12771.6	10076.1	4052.3	1344.7	511.1	206.9	170.4	152.1	127.8	103.4	91.3
75°	8847.0	6437.5	3121.4	1150.0	498.9	188.6	158.2	133.9	109.5	85.2	79.1
77.5°	5305.8	4301.8	2014.0	864.0	328.6	152.1	133.9	103.4	91.3	73.0	66.9
80°	2482.5	2032.3	815.3	334.7	158.2	109.5	91.3	79.1	73.0	60.8	54.8
82.5°	973.5	857.9	395.5	194.7	127.8	85.2	73.0	66.9	60.8	48.7	42.6
85°	523.3	462.4	188.6	133.9	91.3	60.8	60.8	54.8	48.7	42.6	36.5
87.5°	115.6	85.2	79.1	79.1	66.9	48.7	48.7	42.6	36.5	30.4	24.3
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1
2.5°	7520.6	7611.8	7465.8	7557.1	7429.3	7526.7	7538.8	7447.6	7471.9	7593.6	7648.3
5°	6407.1	6346.2	6212.4	6169.8	6175.9	6096.8	6127.2	6169.8	6236.7	6273.2	6382.7
7.5°	4618.2	4758.2	4752.1	4855.5	4861.6	4849.4	4764.2	4581.7	4642.6	4593.9	4654.7
10°	3303.9	3364.8	3480.4	3547.3	3669.0	3602.1	3407.4	3334.4	3297.9	3291.8	3352.6
12.5°	2640.7	2494.7	2482.5	2506.9	2567.7	2488.6	2391.2	2306.1	2348.7	2433.8	2500.8
15°	2044.4	1922.7	1764.5	1740.2	1752.4	1715.9	1612.4	1502.9	1533.3	1618.5	1667.2
17.5°	1569.8	1429.9	1320.4	1247.3	1223.0	1095.2	943.1	851.8	827.5	821.4	864.0
20°	1058.7	1034.4	1016.1	924.9	924.9	742.3	614.5	547.6	547.6	559.8	565.9
22.5°	791.0	760.6	766.7	748.4	699.7	553.7	486.8	468.5	468.5	480.7	480.7
25°	687.6	645.0	632.8	626.7	578.0	474.6	425.9	407.7	407.7	419.8	419.8
27.5°	584.1	572.0	553.7	529.4	486.8	407.7	377.2	359.0	365.1	371.2	365.1
30°	535.4	505.0	480.7	480.7	432.0	365.1	340.7	328.6	316.4	328.6	334.7
32.5°	474.6	456.3	444.2	425.9	371.2	322.5	298.1	286.0	279.9	279.9	286.0
35°	407.7	407.7	395.5	371.2	322.5	292.1	261.6	249.5	243.4	249.5	249.5
37.5°	365.1	346.8	352.9	328.6	286.0	255.6	225.1	213.0	213.0	206.9	213.0
40°	340.7	310.3	292.1	279.9	255.6	219.0	194.7	182.5	176.5	176.5	176.5
42.5°	304.2	279.9	243.4	237.3	231.2	188.6	158.2	152.1	146.0	139.9	139.9
45°	286.0	249.5	219.0	188.6	188.6	158.2	133.9	121.7	115.6	109.5	115.6
47.5°	261.6	225.1	188.6	158.2	152.1	127.8	103.4	91.3	85.2	85.2	85.2
50°	249.5	200.8	164.3	133.9	115.6	103.4	79.1	66.9	60.8	60.8	60.8
52.5°	231.2	188.6	146.0	115.6	91.3	79.1	60.8	48.7	42.6	42.6	42.6
55°	206.9	170.4	127.8	97.4	79.1	60.8	42.6	30.4	24.3	24.3	24.3
57.5°	194.7	152.1	109.5	85.2	60.8	42.6	24.3	18.3	18.3	12.2	18.3
60°	176.5	133.9	91.3	66.9	48.7	30.4	18.3	6.1	6.1	6.1	6.1
62.5°	152.1	115.6	79.1	54.8	36.5	18.3	6.1	0.0	0.0	0.0	0.0
65°	127.8	91.3	60.8	42.6	24.3	6.1	0.0	0.0	0.0	0.0	0.0
67.5°	109.5	79.1	48.7	30.4	18.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	97.4	66.9	36.5	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	79.1	54.8	30.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	66.9	42.6	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	54.8	30.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	42.6	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.5	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.3	6.1	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: P599504  
 CATALOG NUMBER: IFLD-M-SA4D-740-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1	8567.1
2.5°	7727.4	7690.9	7873.5	8171.6	8323.7	8621.9	8694.9	8883.5	8834.8	8901.8
5°	6394.9	6467.9	6735.7	7173.7	7331.9	7764.0	8171.6	8579.3	8840.9	8968.7
7.5°	4746.0	4989.4	5317.9	5719.5	6127.2	6693.1	7386.7	7861.3	8116.9	8390.7
10°	3535.2	3796.8	4174.0	4569.5	5232.8	5865.6	6559.2	7149.4	7368.5	7624.0
12.5°	2780.7	3188.3	3626.4	4052.3	4447.8	5050.2	5908.1	6766.1	7003.4	7198.1
15°	1934.9	2433.8	3060.6	3614.3	4168.0	4691.2	5579.6	6620.0	6942.5	7271.1
17.5°	1070.9	1466.4	2184.4	2963.2	3778.5	4581.7	5689.1	6887.8	7374.5	7605.8
20°	620.6	778.8	1289.9	2214.8	3291.8	4344.4	5743.9	7392.8	8037.8	8153.4
22.5°	511.1	565.9	730.2	1387.3	2695.5	4192.3	6023.8	8098.6	8755.7	9029.6
25°	438.1	480.7	565.9	833.6	2038.3	3869.8	6200.2	8980.9	9589.3	9887.5
27.5°	389.4	432.0	498.9	614.5	1387.3	3425.6	6492.3	9778.0	10386.4	10794.1
30°	340.7	377.2	444.2	523.3	961.4	2926.7	6741.7	10362.1	11220.0	11347.8
32.5°	304.2	334.7	383.3	450.3	711.9	2220.9	6942.5	10964.5	11688.5	11968.4
35°	261.6	298.1	328.6	383.3	541.5	1673.3	6820.8	11433.0	12376.1	12710.7
37.5°	231.2	255.6	286.0	322.5	456.3	1308.2	6571.4	11992.8	12966.3	13276.6
40°	194.7	213.0	249.5	286.0	413.8	1010.0	6285.4	12668.1	13793.8	14341.4
42.5°	164.3	182.5	206.9	267.7	340.7	748.4	5707.4	13191.4	14463.1	14925.5
45°	127.8	152.1	188.6	267.7	273.8	553.7	5111.1	13580.8	14840.3	15071.6
47.5°	97.4	121.7	182.5	231.2	219.0	383.3	4405.3	14025.0	15229.8	15442.7
50°	73.0	97.4	206.9	200.8	182.5	292.1	3961.1	14335.3	15254.1	15369.7
52.5°	48.7	73.0	170.4	152.1	152.1	255.6	3839.4	14323.2	15314.9	15065.5
55°	36.5	54.8	97.4	109.5	133.9	225.1	3729.9	14779.5	15333.2	15509.7
57.5°	24.3	42.6	66.9	85.2	115.6	194.7	3504.7	15327.1	15899.1	15990.3
60°	12.2	30.4	48.7	66.9	97.4	170.4	3188.3	15728.7	16586.6	16684.0
62.5°	6.1	18.3	36.5	54.8	79.1	133.9	2859.8	15089.8	16288.5	16458.9
65°	0.0	12.2	24.3	36.5	48.7	97.4	2324.3	13623.4	15108.1	15734.8
67.5°	0.0	0.0	12.2	24.3	30.4	73.0	1752.4	12394.3	14018.9	14870.8
70°	0.0	0.0	6.1	6.1	18.3	54.8	1119.6	10264.7	12516.0	12984.5
72.5°	0.0	0.0	0.0	0.0	6.1	36.5	651.1	7624.0	9808.4	10678.5
75°	0.0	0.0	0.0	0.0	0.0	30.4	328.6	4904.2	6826.9	7995.2
77.5°	0.0	0.0	0.0	0.0	0.0	24.3	176.5	3164.0	5032.0	6011.6
80°	0.0	0.0	0.0	0.0	0.0	6.1	103.4	1837.6	3218.8	3900.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	42.6	900.5	1922.7	2251.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.2	480.7	961.4	1265.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	66.9	127.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)