

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: P599532

Luminaire Tested: **IFLD-M-SA4C-750-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: P599532  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4C-750-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (64) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

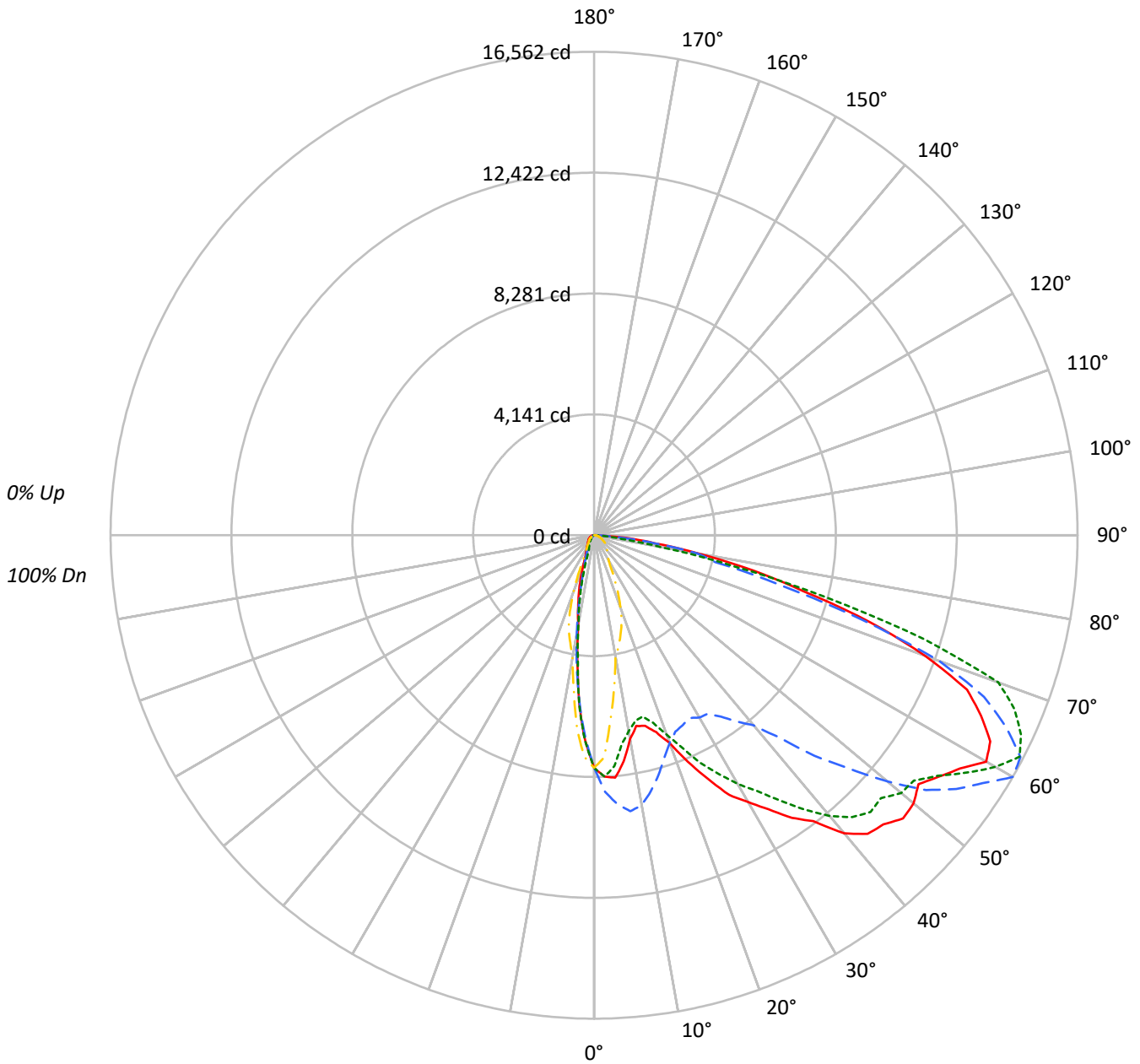
Lumens per Lamp: N/A  
 Luminaire Lumens: 21182.1 lumens  
 Efficiency: N/A  
 Efficacy: 97.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 218.1  
 Input Voltage (V): 120  
 Input Current (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

TEST NUMBER: P599532  
CATALOG NUMBER: IFLD-M-SA4C-750-U-SLL-HSS

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    ··· 90°-270°    - · 135°-315°

TEST NUMBER: P599532  
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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°	85727	85727	85727	85727
5°	90089	85749	62646	63013
10°	77467	74500	34251	33448
15°	75325	71607	22250	16767
20°	86823	83194	11922	5961
25°	109168	102114	7726	4635
30°	131118	122190	6257	3797
35°	155271	145683	5129	3047
40°	187336	176368	4530	2304
45°	213284	203984	4220	1550
50°	239267	229983	4168	948
55°	270580	269625	4140	424
60°	333899	341815	3776	123
65°	372562	410883	3459	0
70°	379890	463737	3204	0
75°	309111	342045	3057	0
80°	224752	143053	3155	0
85°	145300	60084	4187	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	605.0	2.9
10°-20°	1186.5	5.6
20°-30°	1641.9	7.8
30°-40°	2320.4	11.0
40°-50°	3159.3	14.9
50°-60°	4184.2	19.8
60°-70°	4858.2	22.9
70°-80°	2751.2	13.0
80°-90°	475.4	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°	3433.4	16.2
0°-40°	5753.8	27.2
0°-60°	13097.3	61.8
0°-90°	21182.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21182.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7964	7964	7964	7964	7964	
5°	8338	7936	5798	5832	8338	749
15°	6760	6426	1997	1505	6760	1983
25°	9192	8598	650	390	9192	4287
35°	11816	11087	390	232	11816	7449
45°	14011	13400	277	102	14011	10863
55°	14418	14368	221	23	14418	13063
65°	14628	16132	136	0	14628	14259
75°	7433	8224	74	0	7433	8112
85°	1176	486	34	0	1176	1414
90°	0	0	0	0	0	

TEST NUMBER: P599532  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3
2.5°	8275.4	8450.8	8456.4	8535.6	8614.8	8614.8	8801.5	8756.2	8592.2	8563.9	8445.1
5°	8337.7	8399.9	8445.1	8846.7	9186.1	9152.2	9254.0	9186.1	8869.4	8462.1	8184.9
7.5°	7800.3	7868.2	8049.2	8733.6	9191.8	9344.5	9536.8	9112.6	8778.9	8043.5	7511.8
10°	7087.6	7217.7	7551.4	8332.0	8897.7	9384.1	9384.1	9044.7	8399.9	7681.5	7031.0
12.5°	6691.6	6951.8	7132.8	7924.7	8660.1	8993.8	8982.5	8801.5	8382.9	7477.9	6742.5
15°	6759.5	6833.0	7217.7	7834.2	8320.7	8303.7	8507.4	8450.8	8156.7	7658.9	6850.0
17.5°	7070.6	7183.7	7517.5	7834.2	8066.1	7998.3	7992.6	8264.1	8281.1	7964.3	7251.6
20°	7579.7	7913.4	8071.8	8168.0	7885.1	7596.7	7562.7	7941.7	8235.8	8354.6	7732.4
22.5°	8394.2	8614.8	8937.2	8445.1	7709.8	7347.8	7279.9	7698.5	8292.4	8818.5	8354.6
25°	9191.8	9361.5	9672.6	9039.1	7907.8	7296.9	7178.1	7540.1	8507.4	9463.3	9106.9
27.5°	10034.6	10181.7	10215.6	9474.6	8015.2	7195.1	7053.6	7540.1	8688.4	9802.7	10006.3
30°	10549.3	10724.7	10758.6	9859.3	8190.6	7279.9	7212.0	7574.0	8812.8	10091.2	10651.2
32.5°	11126.3	11171.6	11143.3	9927.1	8382.9	7528.8	7246.0	7800.3	8954.2	10436.2	11239.4
35°	11816.4	11895.6	11607.1	10238.2	8812.8	7687.2	7585.3	8077.5	9197.4	10594.6	11952.2
37.5°	12342.5	12591.3	11940.8	10357.0	8897.7	8020.9	8037.9	8654.4	9367.1	10786.9	12738.4
40°	13332.3	12913.8	12506.5	10764.3	9220.1	8586.5	8496.0	9248.4	9938.4	10911.4	13253.1
42.5°	13875.4	13654.8	12727.1	10803.9	9717.8	9367.1	9389.8	9921.5	10238.2	11262.1	13394.6
45°	14011.1	13779.2	13026.9	10832.2	10210.0	10289.1	10679.4	10781.3	10679.4	11494.0	13660.4
47.5°	14356.2	13852.7	12992.9	11211.2	11007.5	11313.0	11810.7	12031.3	11279.0	11409.1	13784.9
50°	14288.3	13999.8	12919.4	11369.5	11980.4	12789.3	13123.0	13032.5	11946.5	11233.8	13649.1
52.5°	14005.5	13694.4	13145.7	11799.4	12891.1	13869.7	14333.5	14107.3	12540.4	11629.7	13558.6
55°	14418.4	14180.8	13439.8	12382.0	13575.6	14820.0	15148.1	14978.4	13270.1	11997.4	14073.3
57.5°	14865.2	14814.3	14237.4	13066.5	14384.4	15798.6	15798.6	15589.3	13903.6	12529.1	14837.0
60°	15510.1	15623.2	14825.6	13519.0	14661.6	15742.0	16562.2	16319.0	14542.8	13462.4	15702.4
62.5°	15300.8	15662.8	15583.6	14491.9	14978.4	16019.2	16466.0	16647.0	15334.7	14599.4	16856.3
65°	14627.7	15012.3	15578.0	15131.1	14740.8	15346.0	15572.3	16121.0	15730.7	15668.5	17331.5
67.5°	13824.5	14243.0	14593.7	15561.0	14260.0	14661.6	14463.6	14639.0	15300.8	16839.4	17603.0
70°	12070.9	12472.6	13026.9	14605.0	12987.3	12625.3	12574.4	12489.5	13519.0	16420.8	16369.9
72.5°	9927.1	10113.8	11030.1	11873.0	9610.4	9542.5	9621.7	9525.5	10719.0	14865.2	14022.4
75°	7432.6	7619.3	8139.7	9118.3	6544.6	6154.3	6606.8	7053.6	8184.9	11539.2	10074.2
77.5°	5588.6	5826.2	6154.3	6821.7	4802.4	4191.5	4253.7	4677.9	5916.7	9242.7	5645.2
80°	3625.8	3597.5	4231.1	4694.9	3614.5	3727.6	3569.2	3880.3	4287.6	4943.8	2884.8
82.5°	2092.9	2121.2	2387.0	2692.5	2517.1	2879.2	2075.9	3467.4	3060.2	2013.7	1074.7
85°	1176.5	1227.5	1470.7	1866.6	1578.2	1057.8	865.4	1719.6	1923.2	825.8	520.4
87.5°	118.8	101.8	198.0	707.1	429.9	175.4	260.2	412.9	463.8	311.1	152.7
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: P599532  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3
2.5°	8275.4	8275.4	8134.0	7896.5	7800.3	7630.6	7398.7	7472.2	7393.0	7104.5	7031.0
5°	7936.0	7664.5	7370.4	7008.4	6799.1	6369.2	6233.4	5990.2	6029.8	5786.6	5797.9
7.5°	7229.0	7014.0	6516.3	6041.1	5628.2	5254.9	4728.8	4530.8	4338.5	4242.4	4355.5
10°	6816.1	6414.5	5735.7	5113.5	4564.8	4231.1	3880.3	3608.8	3360.0	3173.3	3133.7
12.5°	6516.3	6159.9	5339.7	4581.8	4151.9	3880.3	3557.9	3184.6	2941.4	2619.0	2522.8
15°	6425.8	5990.2	5124.8	4372.5	3953.9	3507.0	3139.3	2771.7	2454.9	2115.5	1996.7
17.5°	6736.9	6233.4	5119.1	4202.8	3614.5	3133.7	2624.6	2211.7	1889.3	1578.2	1504.6
20°	7262.9	6493.6	5283.2	4101.0	3292.1	2647.2	2070.3	1657.4	1295.3	1091.7	1040.8
22.5°	7862.5	6934.9	5300.1	3829.4	2969.7	2160.8	1510.3	1091.7	888.1	791.9	763.6
25°	8597.9	7641.9	5503.8	3608.8	2590.7	1640.4	1074.7	837.2	718.4	661.8	650.5
27.5°	9203.1	8134.0	5724.4	3376.9	2217.3	1216.1	842.8	684.4	622.2	565.6	560.0
30°	9831.0	8699.7	5786.6	3235.5	1894.9	1001.2	724.0	605.2	537.4	509.1	503.4
32.5°	10379.7	9316.2	5984.6	3003.6	1589.5	882.4	656.2	543.0	497.8	452.5	446.9
35°	11086.7	9672.6	6080.7	2879.2	1476.3	797.6	599.6	497.8	429.9	401.6	390.3
37.5°	11844.7	10017.6	6142.9	2783.0	1380.2	746.7	565.6	469.5	407.3	367.7	356.4
40°	12551.7	10504.1	6052.4	2664.2	1306.6	684.4	543.0	435.5	379.0	339.4	322.4
42.5°	13094.8	10979.2	6024.2	2551.1	1227.5	661.8	514.7	418.6	356.4	311.1	305.5
45°	13400.2	11301.7	5826.2	2460.6	1165.2	673.1	503.4	396.0	339.4	299.8	277.2
47.5°	13326.7	11550.5	5877.1	2432.3	1080.4	627.9	497.8	379.0	311.1	277.2	260.2
50°	13733.9	12054.0	5792.2	2341.8	1018.2	565.6	543.0	379.0	305.5	265.9	248.9
52.5°	13801.8	12512.1	5973.2	2177.7	922.0	520.4	537.4	373.3	294.1	254.5	231.9
55°	14367.5	13043.9	6324.0	2087.2	842.8	452.5	492.1	362.0	265.9	231.9	220.6
57.5°	15136.8	14146.9	6550.2	2002.4	735.3	396.0	412.9	356.4	243.2	214.9	198.0
60°	15877.8	14588.1	6567.2	1849.7	633.5	356.4	322.4	356.4	226.3	192.3	175.4
62.5°	16432.1	14588.1	6454.1	1719.6	554.3	316.8	282.8	339.4	203.6	169.7	158.4
65°	16132.3	14197.8	6159.9	1612.1	503.4	277.2	243.2	260.2	181.0	147.1	135.8
67.5°	15594.9	12981.6	5509.4	1482.0	497.8	243.2	209.3	192.3	158.4	130.1	118.8
70°	14735.1	11341.3	4587.4	1334.9	486.5	220.6	186.7	164.0	141.4	113.1	101.8
72.5°	11873.0	9367.1	3767.2	1250.1	475.1	192.3	158.4	141.4	118.8	96.2	84.8
75°	8224.5	5984.6	2901.8	1069.1	463.8	175.4	147.1	124.4	101.8	79.2	73.5
77.5°	4932.5	3999.1	1872.3	803.2	305.5	141.4	124.4	96.2	84.8	67.9	62.2
80°	2307.8	1889.3	758.0	311.1	147.1	101.8	84.8	73.5	67.9	56.6	50.9
82.5°	905.0	797.6	367.7	181.0	118.8	79.2	67.9	62.2	56.6	45.3	39.6
85°	486.5	429.9	175.4	124.4	84.8	56.6	56.6	50.9	45.3	39.6	33.9
87.5°	107.5	79.2	73.5	73.5	62.2	45.3	45.3	39.6	33.9	28.3	22.6
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°	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3
2.5°	6991.4	7076.3	6940.5	7025.4	6906.6	6997.1	7008.4	6923.5	6946.2	7059.3	7110.2
5°	5956.3	5899.7	5775.3	5735.7	5741.3	5667.8	5696.1	5735.7	5797.9	5831.8	5933.7
7.5°	4293.3	4423.4	4417.7	4513.9	4519.5	4508.2	4429.0	4259.3	4315.9	4270.6	4327.2
10°	3071.5	3128.0	3235.5	3297.7	3410.9	3348.6	3167.6	3099.8	3065.8	3060.2	3116.7
12.5°	2454.9	2319.2	2307.8	2330.5	2387.0	2313.5	2223.0	2143.8	2183.4	2262.6	2324.8
15°	1900.6	1787.4	1640.4	1617.8	1629.1	1595.1	1499.0	1397.2	1425.4	1504.6	1549.9
17.5°	1459.4	1329.3	1227.5	1159.6	1137.0	1018.2	876.8	791.9	769.3	763.6	803.2
20°	984.2	961.6	944.6	859.8	859.8	690.1	571.3	509.1	509.1	520.4	526.1
22.5°	735.3	707.1	712.7	695.7	650.5	514.7	452.5	435.5	435.5	446.9	446.9
25°	639.2	599.6	588.3	582.6	537.4	441.2	396.0	379.0	379.0	390.3	390.3
27.5°	543.0	531.7	514.7	492.1	452.5	379.0	350.7	333.7	339.4	345.0	339.4
30°	497.8	469.5	446.9	446.9	401.6	339.4	316.8	305.5	294.1	305.5	311.1
32.5°	441.2	424.2	412.9	396.0	345.0	299.8	277.2	265.9	260.2	260.2	265.9
35°	379.0	379.0	367.7	345.0	299.8	271.5	243.2	231.9	226.3	231.9	231.9
37.5°	339.4	322.4	328.1	305.5	265.9	237.6	209.3	198.0	198.0	192.3	198.0
40°	316.8	288.5	271.5	260.2	237.6	203.6	181.0	169.7	164.0	164.0	164.0
42.5°	282.8	260.2	226.3	220.6	214.9	175.4	147.1	141.4	135.8	130.1	130.1
45°	265.9	231.9	203.6	175.4	175.4	147.1	124.4	113.1	107.5	101.8	107.5
47.5°	243.2	209.3	175.4	147.1	141.4	118.8	96.2	84.8	79.2	79.2	79.2
50°	231.9	186.7	152.7	124.4	107.5	96.2	73.5	62.2	56.6	56.6	56.6
52.5°	214.9	175.4	135.8	107.5	84.8	73.5	56.6	45.3	39.6	39.6	39.6
55°	192.3	158.4	118.8	90.5	73.5	56.6	39.6	28.3	22.6	22.6	22.6
57.5°	181.0	141.4	101.8	79.2	56.6	39.6	22.6	17.0	17.0	11.3	17.0
60°	164.0	124.4	84.8	62.2	45.3	28.3	17.0	5.7	5.7	5.7	5.7
62.5°	141.4	107.5	73.5	50.9	33.9	17.0	5.7	0.0	0.0	0.0	0.0
65°	118.8	84.8	56.6	39.6	22.6	5.7	0.0	0.0	0.0	0.0	0.0
67.5°	101.8	73.5	45.3	28.3	17.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	90.5	62.2	33.9	22.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	73.5	50.9	28.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	62.2	39.6	17.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	50.9	28.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	39.6	22.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.9	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	5.7	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: P599532  
 CATALOG NUMBER: IFLD-M-SA4C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3	7964.3
2.5°	7183.7	7149.8	7319.5	7596.7	7738.1	8015.2	8083.1	8258.5	8213.2	8275.4
5°	5945.0	6012.8	6261.7	6669.0	6816.1	7217.7	7596.7	7975.6	8218.9	8337.7
7.5°	4412.1	4638.3	4943.8	5317.1	5696.1	6222.1	6867.0	7308.2	7545.8	7800.3
10°	3286.4	3529.6	3880.3	4248.0	4864.6	5452.9	6097.7	6646.4	6850.0	7087.6
12.5°	2585.0	2964.0	3371.3	3767.2	4134.9	4694.9	5492.4	6290.0	6510.6	6691.6
15°	1798.8	2262.6	2845.2	3360.0	3874.7	4361.2	5187.0	6154.3	6454.1	6759.5
17.5°	995.5	1363.2	2030.7	2754.7	3512.7	4259.3	5288.8	6403.1	6855.7	7070.6
20°	577.0	724.0	1199.2	2059.0	3060.2	4038.7	5339.7	6872.6	7472.2	7579.7
22.5°	475.1	526.1	678.8	1289.7	2505.8	3897.3	5599.9	7528.8	8139.7	8394.2
25°	407.3	446.9	526.1	774.9	1894.9	3597.5	5764.0	8349.0	8914.6	9191.8
27.5°	362.0	401.6	463.8	571.3	1289.7	3184.6	6035.5	9090.0	9655.6	10034.6
30°	316.8	350.7	412.9	486.5	893.7	2720.8	6267.4	9633.0	10430.6	10549.3
32.5°	282.8	311.1	356.4	418.6	661.8	2064.6	6454.1	10193.0	10866.1	11126.3
35°	243.2	277.2	305.5	356.4	503.4	1555.5	6340.9	10628.5	11505.3	11816.4
37.5°	214.9	237.6	265.9	299.8	424.2	1216.1	6109.0	11148.9	12054.0	12342.5
40°	181.0	198.0	231.9	265.9	384.6	939.0	5843.1	11776.8	12823.3	13332.3
42.5°	152.7	169.7	192.3	248.9	316.8	695.7	5305.8	12263.3	13445.5	13875.4
45°	118.8	141.4	175.4	248.9	254.5	514.7	4751.4	12625.3	13796.2	14011.1
47.5°	90.5	113.1	169.7	214.9	203.6	356.4	4095.3	13038.2	14158.2	14356.2
50°	67.9	90.5	192.3	186.7	169.7	271.5	3682.4	13326.7	14180.8	14288.3
52.5°	45.3	67.9	158.4	141.4	141.4	237.6	3569.2	13315.4	14237.4	14005.5
55°	33.9	50.9	90.5	101.8	124.4	209.3	3467.4	13739.6	14254.3	14418.4
57.5°	22.6	39.6	62.2	79.2	107.5	181.0	3258.1	14248.7	14780.4	14865.2
60°	11.3	28.3	45.3	62.2	90.5	158.4	2964.0	14622.0	15419.6	15510.1
62.5°	5.7	17.0	33.9	50.9	73.5	124.4	2658.5	14028.1	15142.4	15300.8
65°	0.0	11.3	22.6	33.9	45.3	90.5	2160.8	12664.9	14045.1	14627.7
67.5°	0.0	0.0	11.3	22.6	28.3	67.9	1629.1	11522.3	13032.5	13824.5
70°	0.0	0.0	5.7	5.7	17.0	50.9	1040.8	9542.5	11635.4	12070.9
72.5°	0.0	0.0	0.0	0.0	5.7	33.9	605.2	7087.6	9118.3	9927.1
75°	0.0	0.0	0.0	0.0	0.0	28.3	305.5	4559.1	6346.6	7432.6
77.5°	0.0	0.0	0.0	0.0	0.0	22.6	164.0	2941.4	4677.9	5588.6
80°	0.0	0.0	0.0	0.0	0.0	5.7	96.2	1708.3	2992.3	3625.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	39.6	837.2	1787.4	2092.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.3	446.9	893.7	1176.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	62.2	118.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)