

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: P599506

Luminaire Tested: **IFLD-L-SA7A-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: P599506
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

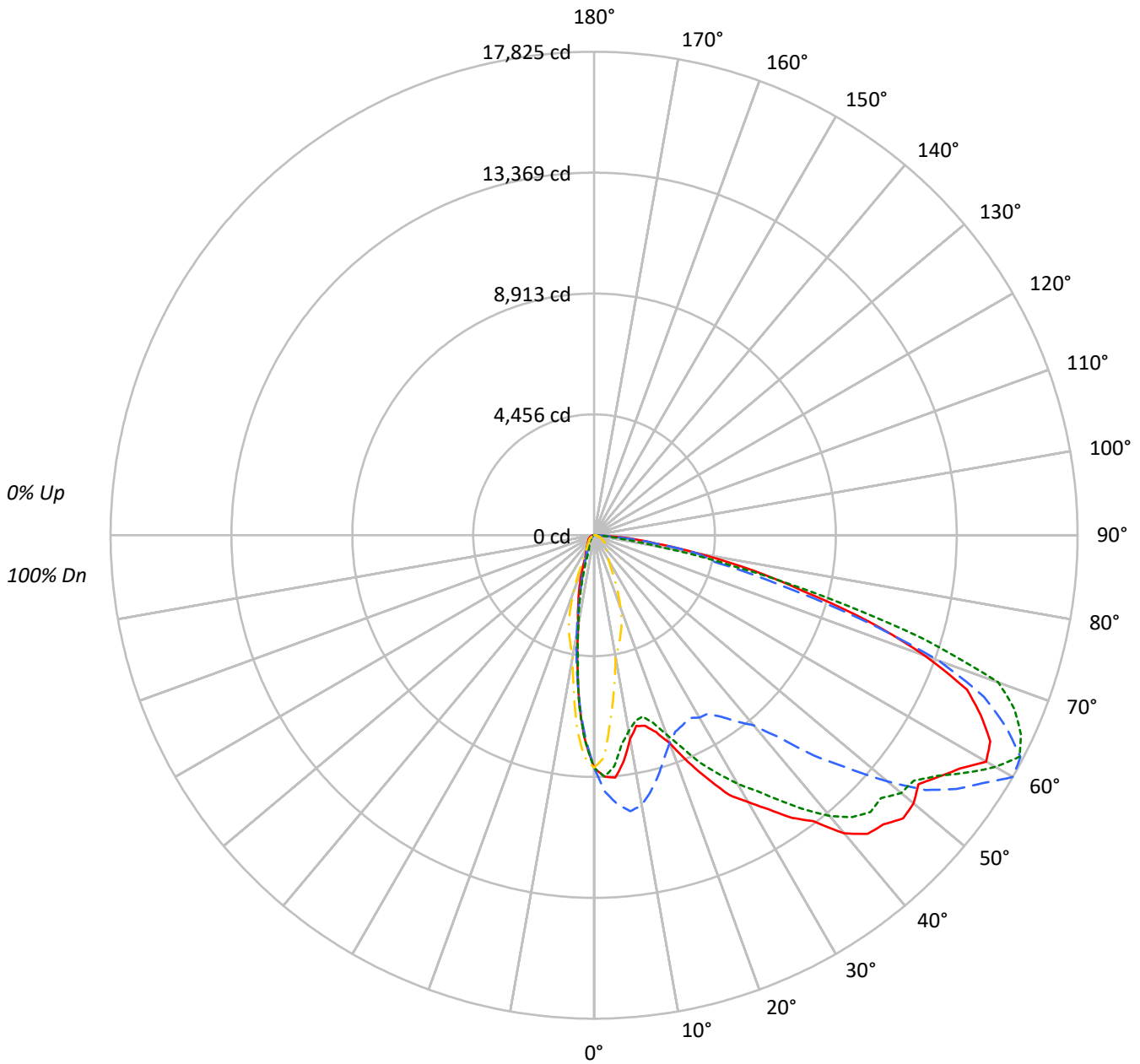
Lumens per Lamp: N/A
 Luminaire Lumens: 22797.4 lumens
 Efficiency: N/A
 Efficacy: 104.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	46133	46133	46133	46133
5°	48479	46144	33712	33909
10°	41687	40090	18432	17999
15°	40535	38534	11974	9023
20°	46722	44770	6416	3208
25°	58746	54950	4157	2495
30°	70559	65754	3367	2043
35°	83556	78396	2760	1640
40°	100811	94909	2438	1240
45°	114774	109770	2270	834
50°	128757	123761	2243	510
55°	145607	145093	2228	229
60°	179680	183939	2031	66
65°	200485	221108	1861	0
70°	204430	249551	1725	0
75°	166342	184065	1645	0
80°	120946	76982	1698	0
85°	78195	32333	2254	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	651.2	2.9
10°-20°	1277.0	5.6
20°-30°	1767.1	7.8
30°-40°	2497.3	11.0
40°-50°	3400.2	14.9
50°-60°	4503.3	19.8
60°-70°	5228.7	22.9
70°-80°	2961.0	13.0
80°-90°	511.6	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°	3695.2	16.2
0°-40°	6192.6	27.2
0°-60°	14096.0	61.8
0°-90°	22797.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22797.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8572	8572	8572	8572	8572	
5°	8974	8541	6240	6277	8974	806
15°	7275	6916	2149	1619	7275	2134
25°	9893	9254	700	420	9893	4614
35°	12718	11932	420	250	12718	8017
45°	15080	14422	298	110	15080	11691
55°	15518	15463	237	24	15518	14059
65°	15743	17362	146	0	15743	15347
75°	7999	8852	79	0	7999	8731
85°	1266	524	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°	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7
2.5°	8906.5	9095.2	9101.3	9186.5	9271.8	9271.8	9472.7	9424.0	9247.4	9217.0	9089.1
5°	8973.5	9040.4	9089.1	9521.4	9886.6	9850.1	9959.7	9886.6	9545.7	9107.4	8809.1
7.5°	8395.1	8468.2	8663.0	9399.6	9892.7	10057.1	10264.1	9807.5	9448.3	8656.9	8084.6
10°	7628.1	7768.1	8127.3	8967.4	9576.2	10099.7	10099.7	9734.4	9040.4	8267.3	7567.2
12.5°	7201.9	7481.9	7676.8	8529.1	9320.5	9679.7	9667.5	9472.7	9022.2	8048.1	7256.7
15°	7275.0	7354.1	7768.1	8431.6	8955.2	8936.9	9156.1	9095.2	8778.7	8242.9	7372.4
17.5°	7609.8	7731.5	8090.7	8431.6	8681.2	8608.2	8602.1	8894.3	8912.6	8571.7	7804.6
20°	8157.7	8516.9	8687.3	8790.8	8486.4	8176.0	8139.4	8547.3	8863.9	8991.7	8322.1
22.5°	9034.3	9271.8	9618.8	9089.1	8297.7	7908.1	7835.0	8285.5	8924.8	9490.9	8991.7
25°	9892.7	10075.4	10410.2	9728.4	8510.8	7853.3	7725.5	8115.1	9156.1	10184.9	9801.4
27.5°	10799.8	10958.1	10994.6	10197.1	8626.5	7743.7	7591.5	8115.1	9350.9	10550.2	10769.4
30°	11353.8	11542.5	11579.1	10611.1	8815.2	7835.0	7762.0	8151.6	9484.8	10860.7	11463.4
32.5°	11974.8	12023.5	11993.0	10684.1	9022.2	8102.9	7798.5	8395.1	9637.0	11232.0	12096.5
35°	12717.5	12802.7	12492.2	11019.0	9484.8	8273.4	8163.8	8693.4	9898.8	11402.5	12863.6
37.5°	13283.6	13551.5	12851.4	11146.8	9576.2	8632.5	8650.8	9314.4	10081.4	11609.5	13709.8
40°	14349.0	13898.5	13460.2	11585.1	9923.2	9241.3	9143.9	9953.6	10696.3	11743.4	14263.8
42.5°	14933.4	14696.0	13697.6	11627.8	10458.9	10081.4	10105.8	10678.1	11019.0	12120.9	14416.0
45°	15079.6	14830.0	14020.3	11658.2	10988.5	11073.8	11493.8	11603.4	11493.8	12370.5	14702.1
47.5°	15450.9	14909.1	13983.7	12066.1	11846.9	12175.7	12711.4	12948.8	12139.1	12279.2	14836.0
50°	15377.9	15067.4	13904.6	12236.5	12894.0	13764.6	14123.8	14026.4	12857.5	12090.4	14689.9
52.5°	15073.5	14738.6	14148.1	12699.2	13874.2	14927.4	15426.6	15183.0	13496.7	12516.6	14592.5
55°	15517.9	15262.2	14464.7	13326.3	14610.8	15950.1	16303.2	16120.6	14282.1	12912.3	15146.5
57.5°	15998.8	15944.0	15323.1	14062.9	15481.4	17003.3	17003.3	16778.1	14963.9	13484.5	15968.4
60°	16692.8	16814.6	15956.2	14549.9	15779.7	16942.4	17825.2	17563.4	15651.8	14489.0	16899.8
62.5°	16467.6	16857.2	16772.0	15597.0	16120.6	17240.7	17721.7	17916.5	16504.1	15712.7	18141.7
65°	15743.1	16157.1	16765.9	16284.9	15864.9	16516.3	16759.8	17350.3	16930.3	16863.3	18653.1
67.5°	14878.7	15329.2	15706.6	16747.6	15347.4	15779.7	15566.6	15755.3	16467.6	18123.5	18945.3
70°	12991.4	13423.7	14020.3	15718.8	13977.7	13588.0	13533.2	13441.9	14549.9	17673.0	17618.2
72.5°	10684.1	10885.0	11871.3	12778.4	10343.2	10270.2	10355.4	10251.9	11536.4	15998.8	15091.7
75°	7999.4	8200.3	8760.4	9813.6	7043.6	6623.6	7110.6	7591.5	8809.1	12419.2	10842.4
77.5°	6014.8	6270.5	6623.6	7341.9	5168.6	4511.1	4578.0	5034.6	6367.9	9947.5	6075.7
80°	3902.3	3871.9	4553.7	5052.9	3890.1	4011.9	3841.4	4176.3	4614.6	5320.8	3104.8
82.5°	2252.5	2282.9	2569.1	2897.8	2709.1	3098.7	2234.2	3731.8	3293.5	2167.3	1156.7
85°	1266.3	1321.1	1582.8	2009.0	1698.5	1138.4	931.4	1850.7	2069.9	888.8	560.1
87.5°	127.8	109.6	213.1	761.0	462.7	188.7	280.0	444.4	499.2	334.8	164.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7
2.5°	8906.5	8906.5	8754.3	8498.6	8395.1	8212.5	7962.9	8042.0	7956.8	7646.3	7567.2
5°	8541.2	8249.0	7932.4	7542.8	7317.6	6854.9	6708.8	6447.0	6489.6	6227.9	6240.0
7.5°	7780.2	7548.9	7013.2	6501.8	6057.4	5655.6	5089.4	4876.4	4669.4	4565.9	4687.6
10°	7335.8	6903.6	6173.1	5503.4	4912.9	4553.7	4176.3	3884.0	3616.2	3415.3	3372.7
12.5°	7013.2	6629.6	5746.9	4931.1	4468.5	4176.3	3829.2	3427.4	3165.7	2818.7	2715.2
15°	6915.8	6447.0	5515.6	4705.9	4255.4	3774.5	3378.7	2983.0	2642.1	2276.8	2149.0
17.5°	7250.6	6708.8	5509.5	4523.3	3890.1	3372.7	2824.8	2380.3	2033.3	1698.5	1619.4
20°	7816.8	6988.8	5686.0	4413.7	3543.1	2849.1	2228.1	1783.7	1394.1	1175.0	1120.2
22.5°	8462.1	7463.7	5704.3	4121.5	3196.1	2325.6	1625.5	1175.0	955.8	852.3	821.9
25°	9253.5	8224.7	5923.5	3884.0	2788.2	1765.5	1156.7	901.0	773.2	712.3	700.1
27.5°	9904.9	8754.3	6160.9	3634.4	2386.4	1308.9	907.1	736.6	669.7	608.8	602.7
30°	10580.6	9363.1	6227.9	3482.2	2039.4	1077.5	779.2	651.4	578.3	547.9	541.8
32.5°	11171.2	10026.7	6440.9	3232.6	1710.7	949.7	706.2	584.4	535.7	487.0	480.9
35°	11932.1	10410.2	6544.4	3098.7	1588.9	858.4	645.3	535.7	462.7	432.2	420.1
37.5°	12747.9	10781.5	6611.4	2995.2	1485.4	803.6	608.8	505.3	438.3	395.7	383.5
40°	13508.9	11305.1	6514.0	2867.4	1406.3	736.6	584.4	468.8	407.9	365.3	347.0
42.5°	14093.3	11816.5	6483.5	2745.6	1321.1	712.3	554.0	450.5	383.5	334.8	328.7
45°	14422.1	12163.5	6270.5	2648.2	1254.1	724.5	541.8	426.1	365.3	322.7	298.3
47.5°	14342.9	12431.4	6325.3	2617.8	1162.8	675.7	535.7	407.9	334.8	298.3	280.0
50°	14781.3	12973.2	6233.9	2520.4	1095.8	608.8	584.4	407.9	328.7	286.1	267.9
52.5°	14854.3	13466.3	6428.7	2343.8	992.3	560.1	578.3	401.8	316.6	274.0	249.6
55°	15463.1	14038.5	6806.2	2246.4	907.1	487.0	529.6	389.6	286.1	249.6	237.4
57.5°	16291.0	15225.7	7049.7	2155.1	791.4	426.1	444.4	383.5	261.8	231.3	213.1
60°	17088.5	15700.5	7068.0	1990.7	681.8	383.5	347.0	383.5	243.5	207.0	188.7
62.5°	17685.1	15700.5	6946.2	1850.7	596.6	340.9	304.4	365.3	219.2	182.6	170.5
65°	17362.5	15280.5	6629.6	1735.0	541.8	298.3	261.8	280.0	194.8	158.3	146.1
67.5°	16784.1	13971.6	5929.5	1595.0	535.7	261.8	225.2	207.0	170.5	140.0	127.8
70°	15858.8	12206.1	4937.2	1436.7	523.6	237.4	200.9	176.5	152.2	121.8	109.6
72.5°	12778.4	10081.4	4054.5	1345.4	511.4	207.0	170.5	152.2	127.8	103.5	91.3
75°	8851.7	6440.9	3123.1	1150.6	499.2	188.7	158.3	133.9	109.6	85.2	79.1
77.5°	5308.6	4304.1	2015.1	864.5	328.7	152.2	133.9	103.5	91.3	73.1	67.0
80°	2483.8	2033.3	815.8	334.8	158.3	109.6	91.3	79.1	73.1	60.9	54.8
82.5°	974.1	858.4	395.7	194.8	127.8	85.2	73.1	67.0	60.9	48.7	42.6
85°	523.6	462.7	188.7	133.9	91.3	60.9	60.9	54.8	48.7	42.6	36.5
87.5°	115.7	85.2	79.1	79.1	67.0	48.7	48.7	42.6	36.5	30.4	24.4
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°	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7
2.5°	7524.6	7615.9	7469.8	7561.1	7433.2	7530.6	7542.8	7451.5	7475.9	7597.6	7652.4
5°	6410.5	6349.6	6215.7	6173.1	6179.1	6100.0	6130.4	6173.1	6240.0	6276.6	6386.1
7.5°	4620.7	4760.7	4754.6	4858.1	4864.2	4852.0	4766.8	4584.1	4645.0	4596.3	4657.2
10°	3305.7	3366.6	3482.2	3549.2	3671.0	3604.0	3409.2	3336.1	3299.6	3293.5	3354.4
12.5°	2642.1	2496.0	2483.8	2508.2	2569.1	2489.9	2392.5	2307.3	2349.9	2435.1	2502.1
15°	2045.5	1923.8	1765.5	1741.1	1753.3	1716.8	1613.3	1503.7	1534.1	1619.4	1668.1
17.5°	1570.7	1430.6	1321.1	1248.0	1223.7	1095.8	943.6	852.3	827.9	821.9	864.5
20°	1059.3	1034.9	1016.7	925.4	925.4	742.7	614.9	547.9	547.9	560.1	566.2
22.5°	791.4	761.0	767.1	748.8	700.1	554.0	487.0	468.8	468.8	480.9	480.9
25°	687.9	645.3	633.1	627.0	578.3	474.9	426.1	407.9	407.9	420.1	420.1
27.5°	584.4	572.3	554.0	529.6	487.0	407.9	377.4	359.2	365.3	371.4	365.3
30°	535.7	505.3	480.9	480.9	432.2	365.3	340.9	328.7	316.6	328.7	334.8
32.5°	474.9	456.6	444.4	426.1	371.4	322.7	298.3	286.1	280.0	280.0	286.1
35°	407.9	407.9	395.7	371.4	322.7	292.2	261.8	249.6	243.5	249.6	249.6
37.5°	365.3	347.0	353.1	328.7	286.1	255.7	225.2	213.1	213.1	207.0	213.1
40°	340.9	310.5	292.2	280.0	255.7	219.2	194.8	182.6	176.5	176.5	176.5
42.5°	304.4	280.0	243.5	237.4	231.3	188.7	158.3	152.2	146.1	140.0	140.0
45°	286.1	249.6	219.2	188.7	188.7	158.3	133.9	121.8	115.7	109.6	115.7
47.5°	261.8	225.2	188.7	158.3	152.2	127.8	103.5	91.3	85.2	85.2	85.2
50°	249.6	200.9	164.4	133.9	115.7	103.5	79.1	67.0	60.9	60.9	60.9
52.5°	231.3	188.7	146.1	115.7	91.3	79.1	60.9	48.7	42.6	42.6	42.6
55°	207.0	170.5	127.8	97.4	79.1	60.9	42.6	30.4	24.4	24.4	24.4
57.5°	194.8	152.2	109.6	85.2	60.9	42.6	24.4	18.3	18.3	12.2	18.3
60°	176.5	133.9	91.3	67.0	48.7	30.4	18.3	6.1	6.1	6.1	6.1
62.5°	152.2	115.7	79.1	54.8	36.5	18.3	6.1	0.0	0.0	0.0	0.0
65°	127.8	91.3	60.9	42.6	24.4	6.1	0.0	0.0	0.0	0.0	0.0
67.5°	109.6	79.1	48.7	30.4	18.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	97.4	67.0	36.5	24.4	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°	67.0	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	24.4	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°	24.4	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: P599506
 CATALOG NUMBER: IFLD-L-SA7A-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7	8571.7
2.5°	7731.5	7695.0	7877.7	8176.0	8328.2	8626.5	8699.5	8888.2	8839.5	8906.5
5°	6398.3	6471.4	6739.2	7177.6	7335.8	7768.1	8176.0	8583.8	8845.6	8973.5
7.5°	4748.5	4992.0	5320.8	5722.6	6130.4	6696.6	7390.6	7865.5	8121.2	8395.1
10°	3537.0	3798.8	4176.3	4572.0	5235.5	5868.7	6562.7	7153.2	7372.4	7628.1
12.5°	2782.1	3190.0	3628.3	4054.5	4450.2	5052.9	5911.3	6769.7	7007.1	7201.9
15°	1935.9	2435.1	3062.2	3616.2	4170.2	4693.7	5582.5	6623.6	6946.2	7275.0
17.5°	1071.5	1467.2	2185.5	2964.8	3780.5	4584.1	5692.1	6891.4	7378.5	7609.8
20°	621.0	779.2	1290.6	2216.0	3293.5	4346.7	5746.9	7396.7	8042.0	8157.7
22.5°	511.4	566.2	730.5	1388.0	2696.9	4194.5	6027.0	8102.9	8760.4	9034.3
25°	438.3	480.9	566.2	834.0	2039.4	3871.9	6203.5	8985.6	9594.4	9892.7
27.5°	389.6	432.2	499.2	614.9	1388.0	3427.4	6495.7	9783.1	10391.9	10799.8
30°	340.9	377.4	444.4	523.6	961.9	2928.2	6745.3	10367.6	11226.0	11353.8
32.5°	304.4	334.8	383.5	450.5	712.3	2222.1	6946.2	10970.3	11694.7	11974.8
35°	261.8	298.3	328.7	383.5	541.8	1674.2	6824.5	11439.0	12382.6	12717.5
37.5°	231.3	255.7	286.1	322.7	456.6	1308.9	6574.9	11999.1	12973.2	13283.6
40°	194.8	213.1	249.6	286.1	414.0	1010.6	6288.7	12674.9	13801.1	14349.0
42.5°	164.4	182.6	207.0	267.9	340.9	748.8	5710.4	13198.4	14470.8	14933.4
45°	127.8	152.2	188.7	267.9	274.0	554.0	5113.8	13588.0	14848.2	15079.6
47.5°	97.4	121.8	182.6	231.3	219.2	383.5	4407.6	14032.4	15237.8	15450.9
50°	73.1	97.4	207.0	200.9	182.6	292.2	3963.2	14342.9	15262.2	15377.9
52.5°	48.7	73.1	170.5	152.2	152.2	255.7	3841.4	14330.8	15323.1	15073.5
55°	36.5	54.8	97.4	109.6	133.9	225.2	3731.8	14787.3	15341.3	15517.9
57.5°	24.4	42.6	67.0	85.2	115.7	194.8	3506.6	15335.2	15907.5	15998.8
60°	12.2	30.4	48.7	67.0	97.4	170.5	3190.0	15737.0	16595.4	16692.8
62.5°	6.1	18.3	36.5	54.8	79.1	133.9	2861.3	15097.8	16297.1	16467.6
65°	0.0	12.2	24.4	36.5	48.7	97.4	2325.6	13630.7	15116.1	15743.1
67.5°	0.0	0.0	12.2	24.4	30.4	73.1	1753.3	12400.9	14026.4	14878.7
70°	0.0	0.0	6.1	6.1	18.3	54.8	1120.2	10270.2	12522.7	12991.4
72.5°	0.0	0.0	0.0	0.0	6.1	36.5	651.4	7628.1	9813.6	10684.1
75°	0.0	0.0	0.0	0.0	0.0	30.4	328.7	4906.8	6830.5	7999.4
77.5°	0.0	0.0	0.0	0.0	0.0	24.4	176.5	3165.7	5034.6	6014.8
80°	0.0	0.0	0.0	0.0	0.0	6.1	103.5	1838.5	3220.5	3902.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	42.6	901.0	1923.8	2252.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.2	480.9	961.9	1266.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	67.0	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)