

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: P599535

Luminaire Tested: **IFLD-L-SA7A-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: P599535
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

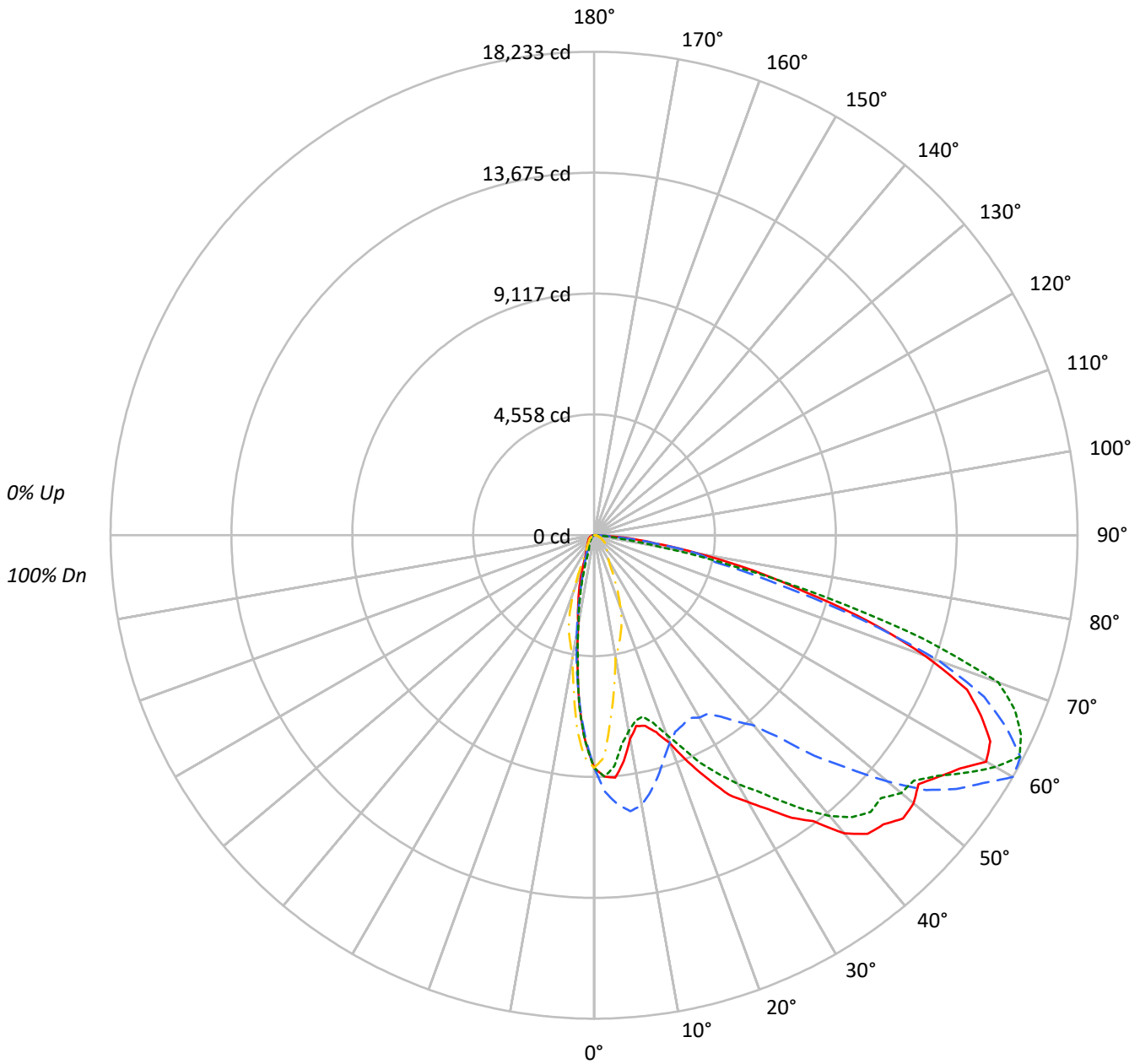
Lumens per Lamp: N/A
 Luminaire Lumens: 23319.5 lumens
 Efficiency: N/A
 Efficacy: 107.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 Input Voltage (V): 120
 Input Current (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	
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°	47189	47189	47189	47189
5°	49590	47201	34484	34686
10°	42642	41008	18854	18411
15°	41463	39416	12248	9229
20°	47792	45795	6562	3281
25°	60092	56209	4252	2552
30°	72175	67259	3444	2090
35°	85469	80191	2823	1677
40°	103120	97082	2494	1269
45°	117403	112283	2322	853
50°	131705	126595	2294	522
55°	148941	148415	2279	234
60°	183795	188152	2077	67
65°	205076	226171	1904	0
70°	209111	255266	1764	0
75°	170151	188280	1684	0
80°	123717	78745	1736	0
85°	79986	33068	2309	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	666.1	2.9
10°-20°	1306.2	5.6
20°-30°	1807.6	7.8
30°-40°	2554.5	11.0
40°-50°	3478.0	14.9
50°-60°	4606.4	19.8
60°-70°	5348.4	22.9
70°-80°	3028.8	13.0
80°-90°	523.3	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°	3779.8	16.2
0°-40°	6334.4	27.2
0°-60°	14418.9	61.8
0°-90°	23319.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23319.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8768	8768	8768	8768	8768	
5°	9179	8737	6383	6420	9179	824
15°	7442	7074	2198	1656	7442	2183
25°	10119	9465	716	430	10119	4720
35°	13009	12205	430	255	13009	8201
45°	15425	14752	305	112	15425	11959
55°	15873	15817	243	25	15873	14381
65°	16104	17760	150	0	16104	15698
75°	8183	9054	81	0	8183	8930
85°	1295	536	37	0	1295	1556
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°	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0
2.5°	9110.5	9303.5	9309.7	9396.9	9484.1	9484.1	9689.6	9639.8	9459.2	9428.0	9297.3
5°	9179.0	9247.5	9297.3	9739.4	10113.0	10075.7	10187.8	10113.0	9764.3	9316.0	9010.8
7.5°	8587.4	8662.1	8861.4	9614.9	10119.3	10287.4	10499.1	10032.1	9664.7	8855.1	8269.8
10°	7802.7	7946.0	8313.4	9172.7	9795.5	10331.0	10331.0	9957.4	9247.5	8456.6	7740.5
12.5°	7366.8	7653.3	7852.6	8724.4	9533.9	9901.3	9888.9	9689.6	9228.8	8232.4	7422.9
15°	7441.6	7522.5	7946.0	8624.7	9160.3	9141.6	9365.8	9303.5	8979.7	8431.7	7541.2
17.5°	7784.1	7908.6	8276.0	8624.7	8880.0	8805.3	8799.1	9098.0	9116.7	8768.0	7983.3
20°	8344.5	8711.9	8886.3	8992.1	8680.8	8363.2	8325.8	8743.0	9066.9	9197.6	8512.6
22.5°	9241.2	9484.1	9839.0	9297.3	8487.7	8089.2	8014.5	8475.3	9129.1	9708.3	9197.6
25°	10119.3	10306.1	10648.6	9951.1	8705.7	8033.1	7902.4	8300.9	9365.8	10418.2	10025.9
27.5°	11047.1	11209.0	11246.4	10430.6	8824.0	7921.1	7765.4	8300.9	9565.0	10791.8	11016.0
30°	11613.8	11806.9	11844.2	10854.1	9017.0	8014.5	7939.7	8338.3	9702.0	11109.4	11725.9
32.5°	12249.0	12298.8	12267.7	10928.8	9228.8	8288.5	7977.1	8587.4	9857.7	11489.3	12373.5
35°	13008.7	13095.9	12778.3	11271.3	9702.0	8462.8	8350.7	8892.5	10125.5	11663.6	13158.2
37.5°	13587.8	13861.8	13145.7	11402.1	9795.5	8830.2	8848.9	9527.7	10312.3	11875.4	14023.7
40°	14677.6	14216.8	13768.4	11850.4	10150.4	9453.0	9353.3	10181.5	10941.3	12012.3	14590.4
42.5°	15275.4	15032.6	14011.3	11894.0	10698.4	10312.3	10337.2	10922.6	11271.3	12398.4	14746.1
45°	15424.9	15169.6	14341.3	11925.2	11240.2	11327.4	11757.0	11869.1	11757.0	12653.8	15038.8
47.5°	15804.7	15250.5	14304.0	12342.4	12118.2	12454.5	13002.5	13245.3	12417.1	12560.3	15175.8
50°	15730.0	15412.4	14223.0	12516.8	13189.3	14079.8	14447.2	14347.6	13151.9	12367.3	15026.3
52.5°	15418.7	15076.2	14472.1	12990.0	14191.9	15269.2	15779.8	15530.7	13805.8	12803.2	14926.7
55°	15873.2	15611.7	14795.9	13631.4	14945.4	16315.4	16676.6	16489.7	14609.1	13208.0	15493.4
57.5°	16365.2	16309.1	15674.0	14384.9	15835.9	17392.7	17392.7	17162.3	15306.6	13793.3	16334.1
60°	17075.1	17199.6	16321.6	14883.1	16141.0	17330.4	18233.4	17965.6	16010.2	14820.8	17286.8
62.5°	16844.7	17243.2	17156.1	15954.2	16489.7	17635.5	18127.5	18326.8	16882.1	16072.5	18557.2
65°	16103.6	16527.1	17149.8	16657.9	16228.2	16894.5	17143.6	17747.6	17318.0	17249.5	19080.3
67.5°	15219.4	15680.2	16066.3	17131.1	15698.9	16141.0	15923.1	16116.1	16844.7	18538.5	19379.2
70°	13288.9	13731.1	14341.3	16078.7	14297.7	13899.2	13843.2	13749.8	14883.1	18077.7	18021.6
72.5°	10928.8	11134.3	12143.1	13071.0	10580.1	10505.4	10592.5	10486.7	11800.6	16365.2	15437.3
75°	8182.6	8388.1	8961.0	10038.3	7204.9	6775.2	7273.4	7765.4	9010.8	12703.6	11090.7
77.5°	6152.5	6414.1	6775.2	7510.1	5286.9	4614.4	4682.9	5149.9	6513.7	10175.3	6214.8
80°	3991.7	3960.5	4658.0	5168.6	3979.2	4103.8	3929.4	4271.9	4720.2	5442.6	3175.9
82.5°	2304.1	2335.2	2627.9	2964.2	2771.1	3169.7	2285.4	3817.3	3368.9	2216.9	1183.2
85°	1295.3	1351.3	1619.1	2055.0	1737.4	1164.5	952.8	1893.1	2117.3	909.2	572.9
87.5°	130.8	112.1	218.0	778.4	473.3	193.0	286.5	454.6	510.6	342.5	168.1
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°	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0
2.5°	9110.5	9110.5	8954.8	8693.2	8587.4	8400.5	8145.2	8226.2	8139.0	7821.4	7740.5
5°	8736.8	8437.9	8114.1	7715.6	7485.1	7011.9	6862.4	6594.6	6638.2	6370.5	6382.9
7.5°	7958.4	7721.8	7173.8	6650.7	6196.1	5785.1	5206.0	4988.0	4776.3	4670.4	4795.0
10°	7503.8	7061.7	6314.4	5629.4	5025.4	4658.0	4271.9	3973.0	3699.0	3493.5	3449.9
12.5°	7173.8	6781.5	5878.5	5044.1	4570.8	4271.9	3916.9	3505.9	3238.2	2883.2	2777.3
15°	7074.1	6594.6	5641.9	4813.7	4352.8	3860.9	3456.1	3051.3	2702.6	2329.0	2198.2
17.5°	7416.6	6862.4	5635.7	4626.8	3979.2	3449.9	2889.4	2434.9	2079.9	1737.4	1656.4
20°	7995.8	7148.9	5816.2	4514.8	3624.3	2914.3	2279.2	1824.6	1426.0	1201.9	1145.8
22.5°	8655.9	7634.6	5834.9	4215.8	3269.3	2378.8	1662.7	1201.9	977.7	871.8	840.7
25°	9465.4	8413.0	6059.1	3973.0	2852.1	1805.9	1183.2	921.6	790.9	728.6	716.1
27.5°	10131.7	8954.8	6302.0	3717.7	2441.1	1338.9	927.9	753.5	685.0	622.7	616.5
30°	10822.9	9577.5	6370.5	3562.0	2086.1	1102.2	797.1	666.3	591.6	560.5	554.2
32.5°	11427.0	10256.3	6588.4	3306.7	1749.9	971.4	722.4	597.8	548.0	498.2	492.0
35°	12205.4	10648.6	6694.3	3169.7	1625.3	878.0	660.1	548.0	473.3	442.1	429.7
37.5°	13039.8	11028.4	6762.8	3063.8	1519.4	822.0	622.7	516.9	448.4	404.8	392.3
40°	13818.3	11564.0	6663.1	2933.0	1438.5	753.5	597.8	479.5	417.2	373.6	355.0
42.5°	14416.1	12087.1	6632.0	2808.5	1351.3	728.6	566.7	460.8	392.3	342.5	336.3
45°	14752.3	12442.0	6414.1	2708.9	1282.8	741.0	554.2	435.9	373.6	330.0	305.1
47.5°	14671.4	12716.0	6470.1	2677.7	1189.4	691.2	548.0	417.2	342.5	305.1	286.5
50°	15119.7	13270.3	6376.7	2578.1	1120.9	622.7	597.8	417.2	336.3	292.7	274.0
52.5°	15194.5	13774.7	6576.0	2397.5	1015.0	572.9	591.6	411.0	323.8	280.2	255.3
55°	15817.2	14360.0	6962.1	2297.9	927.9	498.2	541.8	398.5	292.7	255.3	242.9
57.5°	16664.1	15574.3	7211.1	2204.4	809.5	435.9	454.6	392.3	267.8	236.6	218.0
60°	17479.9	16060.1	7229.8	2036.3	697.5	392.3	355.0	392.3	249.1	211.7	193.0
62.5°	18090.1	16060.1	7105.3	1893.1	610.3	348.7	311.4	373.6	224.2	186.8	174.4
65°	17760.1	15630.4	6781.5	1774.8	554.2	305.1	267.8	286.5	199.3	161.9	149.5
67.5°	17168.5	14291.5	6065.3	1631.5	548.0	267.8	230.4	211.7	174.4	143.2	130.8
70°	16222.0	12485.6	5050.3	1469.6	535.5	242.9	205.5	180.6	155.7	124.5	112.1
72.5°	13071.0	10312.3	4147.3	1376.2	523.1	211.7	174.4	155.7	130.8	105.9	93.4
75°	9054.4	6588.4	3194.6	1176.9	510.6	193.0	161.9	137.0	112.1	87.2	81.0
77.5°	5430.2	4402.7	2061.2	884.3	336.3	155.7	137.0	105.9	93.4	74.7	68.5
80°	2540.7	2079.9	834.5	342.5	161.9	112.1	93.4	81.0	74.7	62.3	56.0
82.5°	996.4	878.0	404.8	199.3	130.8	87.2	74.7	68.5	62.3	49.8	43.6
85°	535.5	473.3	193.0	137.0	93.4	62.3	62.3	56.0	49.8	43.6	37.4
87.5°	118.3	87.2	81.0	81.0	68.5	49.8	49.8	43.6	37.4	31.1	24.9
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°	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0
2.5°	7696.9	7790.3	7640.8	7734.2	7603.5	7703.1	7715.6	7622.1	7647.1	7771.6	7827.6
5°	6557.3	6495.0	6358.0	6314.4	6320.7	6239.7	6270.8	6314.4	6382.9	6420.3	6532.4
7.5°	4726.5	4869.7	4863.5	4969.3	4975.6	4963.1	4875.9	4689.1	4751.4	4701.6	4763.8
10°	3381.4	3443.7	3562.0	3630.5	3755.0	3686.5	3487.3	3412.5	3375.2	3368.9	3431.2
12.5°	2702.6	2553.2	2540.7	2565.6	2627.9	2546.9	2447.3	2360.1	2403.7	2490.9	2559.4
15°	2092.4	1967.8	1805.9	1781.0	1793.4	1756.1	1650.2	1538.1	1569.3	1656.4	1706.3
17.5°	1606.6	1463.4	1351.3	1276.6	1251.7	1120.9	965.2	871.8	846.9	840.7	884.3
20°	1083.5	1058.6	1039.9	946.5	946.5	759.7	629.0	560.5	560.5	572.9	579.1
22.5°	809.5	778.4	784.6	766.0	716.1	566.7	498.2	479.5	479.5	492.0	492.0
25°	703.7	660.1	647.6	641.4	591.6	485.7	435.9	417.2	417.2	429.7	429.7
27.5°	597.8	585.4	566.7	541.8	498.2	417.2	386.1	367.4	373.6	379.9	373.6
30°	548.0	516.9	492.0	492.0	442.1	373.6	348.7	336.3	323.8	336.3	342.5
32.5°	485.7	467.0	454.6	435.9	379.9	330.0	305.1	292.7	286.5	286.5	292.7
35°	417.2	417.2	404.8	379.9	330.0	298.9	267.8	255.3	249.1	255.3	255.3
37.5°	373.6	355.0	361.2	336.3	292.7	261.5	230.4	218.0	218.0	211.7	218.0
40°	348.7	317.6	298.9	286.5	261.5	224.2	199.3	186.8	180.6	180.6	180.6
42.5°	311.4	286.5	249.1	242.9	236.6	193.0	161.9	155.7	149.5	143.2	143.2
45°	292.7	255.3	224.2	193.0	193.0	161.9	137.0	124.5	118.3	112.1	118.3
47.5°	267.8	230.4	193.0	161.9	155.7	130.8	105.9	93.4	87.2	87.2	87.2
50°	255.3	205.5	168.1	137.0	118.3	105.9	81.0	68.5	62.3	62.3	62.3
52.5°	236.6	193.0	149.5	118.3	93.4	81.0	62.3	49.8	43.6	43.6	43.6
55°	211.7	174.4	130.8	99.6	81.0	62.3	43.6	31.1	24.9	24.9	24.9
57.5°	199.3	155.7	112.1	87.2	62.3	43.6	24.9	18.7	18.7	12.5	18.7
60°	180.6	137.0	93.4	68.5	49.8	31.1	18.7	6.2	6.2	6.2	6.2
62.5°	155.7	118.3	81.0	56.0	37.4	18.7	6.2	0.0	0.0	0.0	0.0
65°	130.8	93.4	62.3	43.6	24.9	6.2	0.0	0.0	0.0	0.0	0.0
67.5°	112.1	81.0	49.8	31.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	99.6	68.5	37.4	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	81.0	56.0	31.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	68.5	43.6	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	56.0	31.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	43.6	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	37.4	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	6.2	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: P599535
 CATALOG NUMBER: IFLD-L-SA7A-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0	8768.0
2.5°	7908.6	7871.2	8058.1	8363.2	8518.9	8824.0	8898.7	9091.8	9042.0	9110.5
5°	6544.8	6619.6	6893.6	7341.9	7503.8	7946.0	8363.2	8780.4	9048.2	9179.0
7.5°	4857.2	5106.3	5442.6	5853.6	6270.8	6850.0	7559.9	8045.6	8307.1	8587.4
10°	3618.0	3885.8	4271.9	4676.7	5355.4	6003.1	6713.0	7317.0	7541.2	7802.7
12.5°	2845.8	3263.1	3711.4	4147.3	4552.1	5168.6	6046.7	6924.7	7167.6	7366.8
15°	1980.3	2490.9	3132.3	3699.0	4265.7	4801.2	5710.4	6775.2	7105.3	7441.6
17.5°	1096.0	1500.8	2235.6	3032.7	3867.1	4689.1	5822.5	7049.2	7547.4	7784.1
20°	635.2	797.1	1320.2	2266.7	3368.9	4446.3	5878.5	7566.1	8226.2	8344.5
22.5°	523.1	579.1	747.3	1419.8	2758.7	4290.6	6165.0	8288.5	8961.0	9241.2
25°	448.4	492.0	579.1	853.1	2086.1	3960.5	6345.6	9191.4	9814.1	10119.3
27.5°	398.5	442.1	510.6	629.0	1419.8	3505.9	6644.5	10007.2	10629.9	11047.1
30°	348.7	386.1	454.6	535.5	983.9	2995.3	6899.8	10605.0	11483.0	11613.8
32.5°	311.4	342.5	392.3	460.8	728.6	2272.9	7105.3	11221.5	11962.5	12249.0
35°	267.8	305.1	336.3	392.3	554.2	1712.5	6980.7	11701.0	12666.2	13008.7
37.5°	236.6	261.5	292.7	330.0	467.0	1338.9	6725.4	12273.9	13270.3	13587.8
40°	199.3	218.0	255.3	292.7	423.5	1033.7	6432.7	12965.1	14117.2	14677.6
42.5°	168.1	186.8	211.7	274.0	348.7	766.0	5841.2	13500.7	14802.2	15275.4
45°	130.8	155.7	193.0	274.0	280.2	566.7	5230.9	13899.2	15188.2	15424.9
47.5°	99.6	124.5	186.8	236.6	224.2	392.3	4508.5	14353.8	15586.8	15804.7
50°	74.7	99.6	211.7	205.5	186.8	298.9	4053.9	14671.4	15611.7	15730.0
52.5°	49.8	74.7	174.4	155.7	155.7	261.5	3929.4	14658.9	15674.0	15418.7
55°	37.4	56.0	99.6	112.1	137.0	230.4	3817.3	15126.0	15692.6	15873.2
57.5°	24.9	43.6	68.5	87.2	118.3	199.3	3586.9	15686.4	16271.8	16365.2
60°	12.5	31.1	49.8	68.5	99.6	174.4	3263.1	16097.4	16975.5	17075.1
62.5°	6.2	18.7	37.4	56.0	81.0	137.0	2926.8	15443.6	16670.3	16844.7
65°	0.0	12.5	24.9	37.4	49.8	99.6	2378.8	13942.8	15462.2	16103.6
67.5°	0.0	0.0	12.5	24.9	31.1	74.7	1793.4	12684.9	14347.6	15219.4
70°	0.0	0.0	6.2	6.2	18.7	56.0	1145.8	10505.4	12809.4	13288.9
72.5°	0.0	0.0	0.0	0.0	6.2	37.4	666.3	7802.7	10038.3	10928.8
75°	0.0	0.0	0.0	0.0	0.0	31.1	336.3	5019.2	6987.0	8182.6
77.5°	0.0	0.0	0.0	0.0	0.0	24.9	180.6	3238.2	5149.9	6152.5
80°	0.0	0.0	0.0	0.0	0.0	6.2	105.9	1880.6	3294.2	3991.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	43.6	921.6	1967.8	2304.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.5	492.0	983.9	1295.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.7	68.5	130.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)