

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: P599507

Luminaire Tested: **IFLD-L-SA7B-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: P599507
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-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

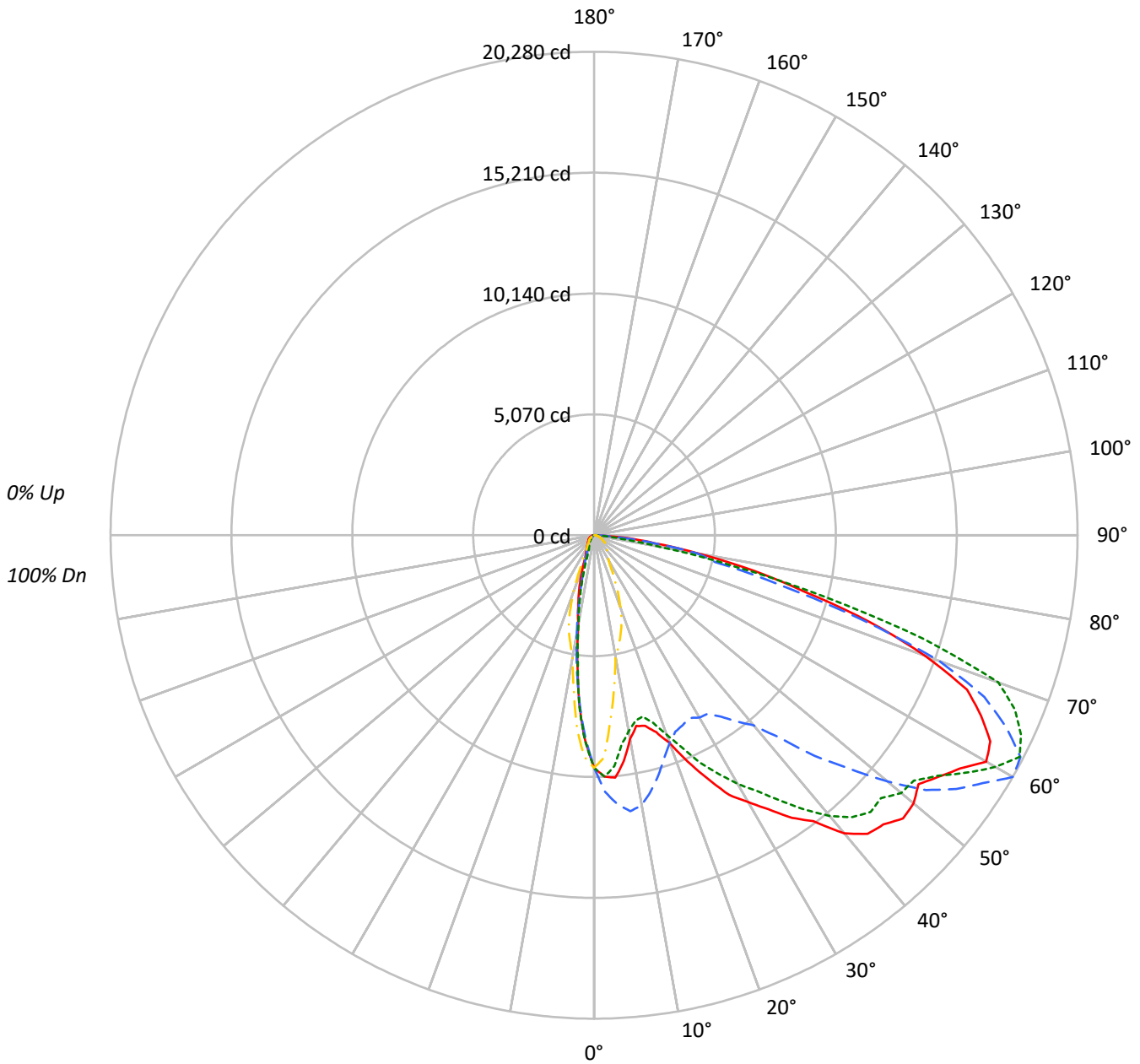
Lumens per Lamp: N/A
 Luminaire Lumens: 25937.7 lumens
 Efficiency: N/A
 Efficacy: 92.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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°	52487	52487	52487	52487
5°	55157	52501	38356	38580
10°	47429	45612	20970	20478
15°	46118	43841	13623	10266
20°	53158	50936	7300	3649
25°	66838	62519	4730	2838
30°	80278	74811	3831	2324
35°	95066	89195	3140	1866
40°	114698	107982	2774	1411
45°	130584	124891	2583	949
50°	146492	140809	2552	580
55°	165663	165079	2534	260
60°	204430	209276	2311	74
65°	228102	251564	2117	0
70°	232591	283926	1962	0
75°	189255	209419	1871	0
80°	137605	87588	1931	0
85°	88965	36785	2569	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	740.9	2.9
10°-20°	1452.8	5.6
20°-30°	2010.5	7.8
30°-40°	2841.3	11.0
40°-50°	3868.5	14.9
50°-60°	5123.6	19.8
60°-70°	5948.9	22.9
70°-80°	3368.9	13.0
80°-90°	582.1	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°	4204.2	16.2
0°-40°	7045.6	27.2
0°-60°	16037.7	61.8
0°-90°	25937.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25937.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9752	9752	9752	9752	9752	
5°	10210	9718	7100	7141	10210	917
15°	8277	7868	2445	1842	8277	2428
25°	11255	10528	796	478	11255	5249
35°	14469	13576	478	284	14469	9122
45°	17157	16409	339	125	17157	13301
55°	17655	17593	270	28	17655	15996
65°	17912	19754	166	0	17912	17461
75°	9101	10071	90	0	9101	9933
85°	1441	596	42	0	1441	1731
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°	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4
2.5°	10133.3	10348.1	10355.0	10452.0	10548.9	10548.9	10777.5	10722.1	10521.2	10486.6	10341.1
5°	10209.5	10285.7	10341.1	10832.9	11248.5	11206.9	11331.6	11248.5	10860.6	10361.9	10022.5
7.5°	9551.5	9634.6	9856.3	10694.4	11255.4	11442.4	11677.9	11158.4	10749.8	9849.4	9198.3
10°	8678.8	8838.1	9246.8	10202.6	10895.2	11490.9	11490.9	11075.3	10285.7	9406.1	8609.5
12.5°	8193.9	8512.6	8734.2	9703.9	10604.3	11013.0	10999.1	10777.5	10264.9	9156.7	8256.3
15°	8277.1	8367.1	8838.1	9593.1	10188.8	10168.0	10417.3	10348.1	9987.9	9378.4	8387.9
17.5°	8658.0	8796.5	9205.2	9593.1	9877.1	9793.9	9787.0	10119.5	10140.3	9752.4	8879.7
20°	9281.4	9690.1	9884.0	10001.7	9655.4	9302.2	9260.6	9724.7	10084.9	10230.3	9468.4
22.5°	10278.8	10548.9	10943.7	10341.1	9440.7	8997.4	8914.3	9426.8	10154.1	10798.3	10230.3
25°	11255.4	11463.2	11844.2	11068.4	9683.1	8935.1	8789.6	9232.9	10417.3	11587.9	11151.5
27.5°	12287.5	12467.5	12509.1	11601.7	9814.7	8810.4	8637.2	9232.9	10639.0	12003.5	12252.8
30°	12917.8	13132.5	13174.0	12072.7	10029.4	8914.3	8831.2	9274.5	10791.3	12356.7	13042.4
32.5°	13624.3	13679.7	13645.0	12155.9	10264.9	9219.1	8872.7	9551.5	10964.5	12779.2	13762.8
35°	14469.3	14566.2	14213.0	12536.8	10791.3	9413.0	9288.3	9890.9	11262.3	12973.2	14635.5
37.5°	15113.4	15418.2	14621.7	12682.3	10895.2	9821.7	9842.4	10597.4	11470.1	13208.7	15598.3
40°	16325.6	15813.0	15314.3	13181.0	11290.1	10514.3	10403.5	11324.7	12169.7	13361.0	16228.6
42.5°	16990.5	16720.4	15584.4	13229.4	11899.6	11470.1	11497.8	12148.9	12536.8	13790.5	16401.7
45°	17156.7	16872.7	15951.5	13264.1	12502.2	12599.1	13077.1	13201.7	13077.1	14074.5	16727.3
47.5°	17579.2	16962.8	15910.0	13728.1	13478.8	13852.8	14462.3	14732.5	13811.3	13970.6	16879.7
50°	17496.1	17142.9	15819.9	13922.1	14670.1	15660.6	16069.3	15958.5	14628.6	13755.9	16713.4
52.5°	17149.8	16768.8	16097.0	14448.5	15785.3	16983.6	17551.5	17274.5	15355.9	14240.7	16602.6
55°	17655.4	17364.5	16457.2	15161.9	16623.4	18147.2	18548.9	18341.1	16249.4	14690.9	17232.9
57.5°	18202.6	18140.3	17433.8	16000.0	17613.9	19345.5	19345.5	19089.2	17025.1	15342.0	18168.0
60°	18992.2	19130.7	18154.1	16554.1	17953.3	19276.2	20280.5	19982.7	17807.8	16484.9	19227.7
62.5°	18735.9	19179.2	19082.3	17745.5	18341.1	19615.6	20162.8	20384.4	18777.5	17877.1	20640.7
65°	17911.7	18382.7	19075.3	18528.2	18050.2	18791.4	19068.4	19740.3	19262.4	19186.2	21222.5
67.5°	16928.2	17440.7	17870.1	19054.6	17461.5	17953.3	17710.8	17925.6	18735.9	20619.9	21555.0
70°	14781.0	15272.7	15951.5	17884.0	15903.0	15459.8	15397.4	15293.5	16554.1	20107.4	20045.0
72.5°	12155.9	12384.4	13506.5	14538.5	11768.0	11684.9	11781.8	11664.1	13125.6	18202.6	17170.6
75°	9101.3	9329.9	9967.1	11165.4	8013.9	7535.9	8090.0	8637.2	10022.5	14129.9	12335.9
77.5°	6843.3	7134.2	7535.9	8353.3	5880.5	5132.5	5208.7	5728.1	7245.0	11317.8	6912.6
80°	4439.8	4405.2	5181.0	5748.9	4426.0	4564.5	4370.6	4751.5	5250.2	6053.7	3532.5
82.5°	2562.8	2597.4	2922.9	3297.0	3082.3	3525.5	2542.0	4245.9	3747.2	2465.8	1316.0
85°	1440.7	1503.0	1800.9	2285.7	1932.5	1295.2	1059.7	2105.6	2355.0	1011.3	637.2
87.5°	145.5	124.7	242.4	865.8	526.4	214.7	318.6	505.6	568.0	381.0	187.0
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°	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4
2.5°	10133.3	10133.3	9960.2	9669.3	9551.5	9343.7	9059.7	9149.8	9052.8	8699.6	8609.5
5°	9717.8	9385.3	9025.1	8581.8	8325.5	7799.1	7632.9	7335.1	7383.6	7085.7	7099.6
7.5°	8852.0	8588.8	7979.2	7397.4	6891.8	6434.6	5790.5	5548.1	5312.6	5194.8	5333.3
10°	8346.3	7854.6	7023.4	6261.5	5589.6	5181.0	4751.5	4419.1	4114.3	3885.7	3837.2
12.5°	7979.2	7542.9	6538.5	5610.4	5084.0	4751.5	4356.7	3899.6	3601.7	3206.9	3089.2
15°	7868.4	7335.1	6275.3	5354.1	4841.6	4294.4	3844.2	3393.9	3006.1	2590.5	2445.0
17.5°	8249.4	7632.9	6268.4	5146.3	4426.0	3837.2	3213.9	2708.2	2313.4	1932.5	1842.4
20°	8893.5	7951.5	6469.3	5021.6	4031.2	3241.6	2535.1	2029.4	1586.1	1336.8	1274.5
22.5°	9627.7	8491.8	6490.0	4689.2	3636.4	2645.9	1849.4	1336.8	1087.4	969.7	935.1
25°	10528.1	9357.6	6739.4	4419.1	3172.3	2008.7	1316.0	1025.1	879.7	810.4	796.5
27.5°	11269.3	9960.2	7009.5	4135.1	2715.2	1489.2	1032.0	838.1	761.9	692.6	685.7
30°	12038.1	10652.8	7085.7	3961.9	2320.3	1226.0	886.6	741.1	658.0	623.4	616.5
32.5°	12710.0	11407.8	7328.1	3677.9	1946.3	1080.5	803.5	664.9	609.5	554.1	547.2
35°	13575.8	11844.2	7445.9	3525.5	1807.8	976.6	734.2	609.5	526.4	491.8	477.9
37.5°	14503.9	12266.7	7522.1	3407.8	1690.0	914.3	692.6	574.9	498.7	450.2	436.4
40°	15369.7	12862.3	7411.3	3262.3	1600.0	838.1	664.9	533.3	464.1	415.6	394.8
42.5°	16034.6	13444.2	7376.6	3123.8	1503.0	810.4	630.3	512.6	436.4	381.0	374.0
45°	16408.7	13839.0	7134.2	3013.0	1426.8	824.2	616.5	484.8	415.6	367.1	339.4
47.5°	16318.6	14143.7	7196.5	2978.4	1322.9	768.8	609.5	464.1	381.0	339.4	318.6
50°	16817.3	14760.2	7092.6	2867.5	1246.8	692.6	664.9	464.1	374.0	325.5	304.8
52.5°	16900.4	15321.2	7314.3	2666.7	1129.0	637.2	658.0	457.1	360.2	311.7	284.0
55°	17593.1	15972.3	7743.7	2555.8	1032.0	554.1	602.6	443.3	325.5	284.0	270.1
57.5°	18535.1	17323.0	8020.8	2451.9	900.4	484.8	505.6	436.4	297.8	263.2	242.4
60°	19442.4	17863.2	8041.6	2264.9	775.8	436.4	394.8	436.4	277.1	235.5	214.7
62.5°	20121.2	17863.2	7903.0	2105.6	678.8	387.9	346.3	415.6	249.4	207.8	193.9
65°	19754.1	17385.3	7542.9	1974.0	616.5	339.4	297.8	318.6	221.6	180.1	166.2
67.5°	19096.1	15896.1	6746.3	1814.7	609.5	297.8	256.3	235.5	193.9	159.3	145.5
70°	18043.3	13887.5	5617.3	1634.6	595.7	270.1	228.6	200.9	173.2	138.5	124.7
72.5°	14538.5	11470.1	4613.0	1530.7	581.8	235.5	193.9	173.2	145.5	117.7	103.9
75°	10071.0	7328.1	3553.2	1309.1	568.0	214.7	180.1	152.4	124.7	97.0	90.0
77.5°	6039.8	4897.0	2292.6	983.6	374.0	173.2	152.4	117.7	103.9	83.1	76.2
80°	2826.0	2313.4	928.1	381.0	180.1	124.7	103.9	90.0	83.1	69.3	62.3
82.5°	1108.2	976.6	450.2	221.6	145.5	97.0	83.1	76.2	69.3	55.4	48.5
85°	595.7	526.4	214.7	152.4	103.9	69.3	69.3	62.3	55.4	48.5	41.6
87.5°	131.6	97.0	90.0	90.0	76.2	55.4	55.4	48.5	41.6	34.6	27.7
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°	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4
2.5°	8561.0	8664.9	8498.7	8602.6	8457.1	8568.0	8581.8	8477.9	8505.6	8644.2	8706.5
5°	7293.5	7224.2	7071.9	7023.4	7030.3	6940.3	6974.9	7023.4	7099.6	7141.1	7265.8
7.5°	5257.1	5416.5	5409.5	5527.3	5534.2	5520.4	5423.4	5215.6	5284.9	5229.4	5298.7
10°	3761.0	3830.3	3961.9	4038.1	4176.6	4100.4	3878.8	3795.7	3754.1	3747.2	3816.5
12.5°	3006.1	2839.8	2826.0	2853.7	2922.9	2832.9	2722.1	2625.1	2673.6	2770.6	2846.8
15°	2327.3	2188.7	2008.7	1981.0	1994.8	1953.2	1835.5	1710.8	1745.5	1842.4	1897.8
17.5°	1787.0	1627.7	1503.0	1419.9	1392.2	1246.8	1073.6	969.7	942.0	935.1	983.6
20°	1205.2	1177.5	1156.7	1052.8	1052.8	845.0	699.6	623.4	623.4	637.2	644.2
22.5°	900.4	865.8	872.7	851.9	796.5	630.3	554.1	533.3	533.3	547.2	547.2
25°	782.7	734.2	720.3	713.4	658.0	540.3	484.8	464.1	464.1	477.9	477.9
27.5°	664.9	651.1	630.3	602.6	554.1	464.1	429.4	408.7	415.6	422.5	415.6
30°	609.5	574.9	547.2	547.2	491.8	415.6	387.9	374.0	360.2	374.0	381.0
32.5°	540.3	519.5	505.6	484.8	422.5	367.1	339.4	325.5	318.6	318.6	325.5
35°	464.1	464.1	450.2	422.5	367.1	332.5	297.8	284.0	277.1	284.0	284.0
37.5°	415.6	394.8	401.7	374.0	325.5	290.9	256.3	242.4	242.4	235.5	242.4
40°	387.9	353.2	332.5	318.6	290.9	249.4	221.6	207.8	200.9	200.9	200.9
42.5°	346.3	318.6	277.1	270.1	263.2	214.7	180.1	173.2	166.2	159.3	159.3
45°	325.5	284.0	249.4	214.7	214.7	180.1	152.4	138.5	131.6	124.7	131.6
47.5°	297.8	256.3	214.7	180.1	173.2	145.5	117.7	103.9	97.0	97.0	97.0
50°	284.0	228.6	187.0	152.4	131.6	117.7	90.0	76.2	69.3	69.3	69.3
52.5°	263.2	214.7	166.2	131.6	103.9	90.0	69.3	55.4	48.5	48.5	48.5
55°	235.5	193.9	145.5	110.8	90.0	69.3	48.5	34.6	27.7	27.7	27.7
57.5°	221.6	173.2	124.7	97.0	69.3	48.5	27.7	20.8	20.8	13.9	20.8
60°	200.9	152.4	103.9	76.2	55.4	34.6	20.8	6.9	6.9	6.9	6.9
62.5°	173.2	131.6	90.0	62.3	41.6	20.8	6.9	0.0	0.0	0.0	0.0
65°	145.5	103.9	69.3	48.5	27.7	6.9	0.0	0.0	0.0	0.0	0.0
67.5°	124.7	90.0	55.4	34.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	110.8	76.2	41.6	27.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	90.0	62.3	34.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	76.2	48.5	20.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	62.3	34.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	48.5	27.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	41.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.8	6.9	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: P599507
 CATALOG NUMBER: IFLD-L-SA7B-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4	9752.4
2.5°	8796.5	8755.0	8962.8	9302.2	9475.3	9814.7	9897.8	10112.6	10057.2	10133.3
5°	7279.7	7362.8	7667.5	8166.2	8346.3	8838.1	9302.2	9766.2	10064.1	10209.5
7.5°	5402.6	5679.7	6053.7	6510.8	6974.9	7619.1	8408.7	8948.9	9239.8	9551.5
10°	4024.2	4322.1	4751.5	5201.7	5956.7	6677.1	7466.7	8138.5	8387.9	8678.8
12.5°	3165.4	3629.4	4128.1	4613.0	5063.2	5748.9	6725.5	7702.2	7972.3	8193.9
15°	2202.6	2770.6	3484.0	4114.3	4744.6	5340.3	6351.5	7535.9	7903.0	8277.1
17.5°	1219.0	1669.3	2486.6	3373.2	4301.3	5215.6	6476.2	7840.7	8394.8	8658.0
20°	706.5	886.6	1468.4	2521.2	3747.2	4945.5	6538.5	8415.6	9149.8	9281.4
22.5°	581.8	644.2	831.2	1579.2	3068.4	4772.3	6857.1	9219.1	9967.1	10278.8
25°	498.7	547.2	644.2	948.9	2320.3	4405.2	7058.0	10223.4	10916.0	11255.4
27.5°	443.3	491.8	568.0	699.6	1579.2	3899.6	7390.5	11130.7	11823.4	12287.5
30°	387.9	429.4	505.6	595.7	1094.4	3331.6	7674.5	11795.7	12772.3	12917.8
32.5°	346.3	381.0	436.4	512.6	810.4	2528.1	7903.0	12481.4	13305.6	13624.3
35°	297.8	339.4	374.0	436.4	616.5	1904.8	7764.5	13014.7	14088.3	14469.3
37.5°	263.2	290.9	325.5	367.1	519.5	1489.2	7480.5	13652.0	14760.2	15113.4
40°	221.6	242.4	284.0	325.5	471.0	1149.8	7155.0	14420.8	15702.2	16325.6
42.5°	187.0	207.8	235.5	304.8	387.9	851.9	6497.0	15016.5	16464.1	16990.5
45°	145.5	173.2	214.7	304.8	311.7	630.3	5818.2	15459.8	16893.5	17156.7
47.5°	110.8	138.5	207.8	263.2	249.4	436.4	5014.7	15965.4	17336.8	17579.2
50°	83.1	110.8	235.5	228.6	207.8	332.5	4509.1	16318.6	17364.5	17496.1
52.5°	55.4	83.1	193.9	173.2	173.2	290.9	4370.6	16304.8	17433.8	17149.8
55°	41.6	62.3	110.8	124.7	152.4	256.3	4245.9	16824.3	17454.6	17655.4
57.5°	27.7	48.5	76.2	97.0	131.6	221.6	3989.6	17447.6	18098.7	18202.6
60°	13.9	34.6	55.4	76.2	110.8	193.9	3629.4	17904.8	18881.4	18992.2
62.5°	6.9	20.8	41.6	62.3	90.0	152.4	3255.4	17177.5	18542.0	18735.9
65°	0.0	13.9	27.7	41.6	55.4	110.8	2645.9	15508.2	17198.3	17911.7
67.5°	0.0	0.0	13.9	27.7	34.6	83.1	1994.8	14109.1	15958.5	16928.2
70°	0.0	0.0	6.9	6.9	20.8	62.3	1274.5	11684.9	14247.6	14781.0
72.5°	0.0	0.0	0.0	0.0	6.9	41.6	741.1	8678.8	11165.4	12155.9
75°	0.0	0.0	0.0	0.0	0.0	34.6	374.0	5582.7	7771.4	9101.3
77.5°	0.0	0.0	0.0	0.0	0.0	27.7	200.9	3601.7	5728.1	6843.3
80°	0.0	0.0	0.0	0.0	0.0	6.9	117.7	2091.8	3664.1	4439.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	48.5	1025.1	2188.7	2562.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.9	547.2	1094.4	1440.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	76.2	145.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)