

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: P599218

Luminaire Tested: **IFLD-L-SA7C-735-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599218
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

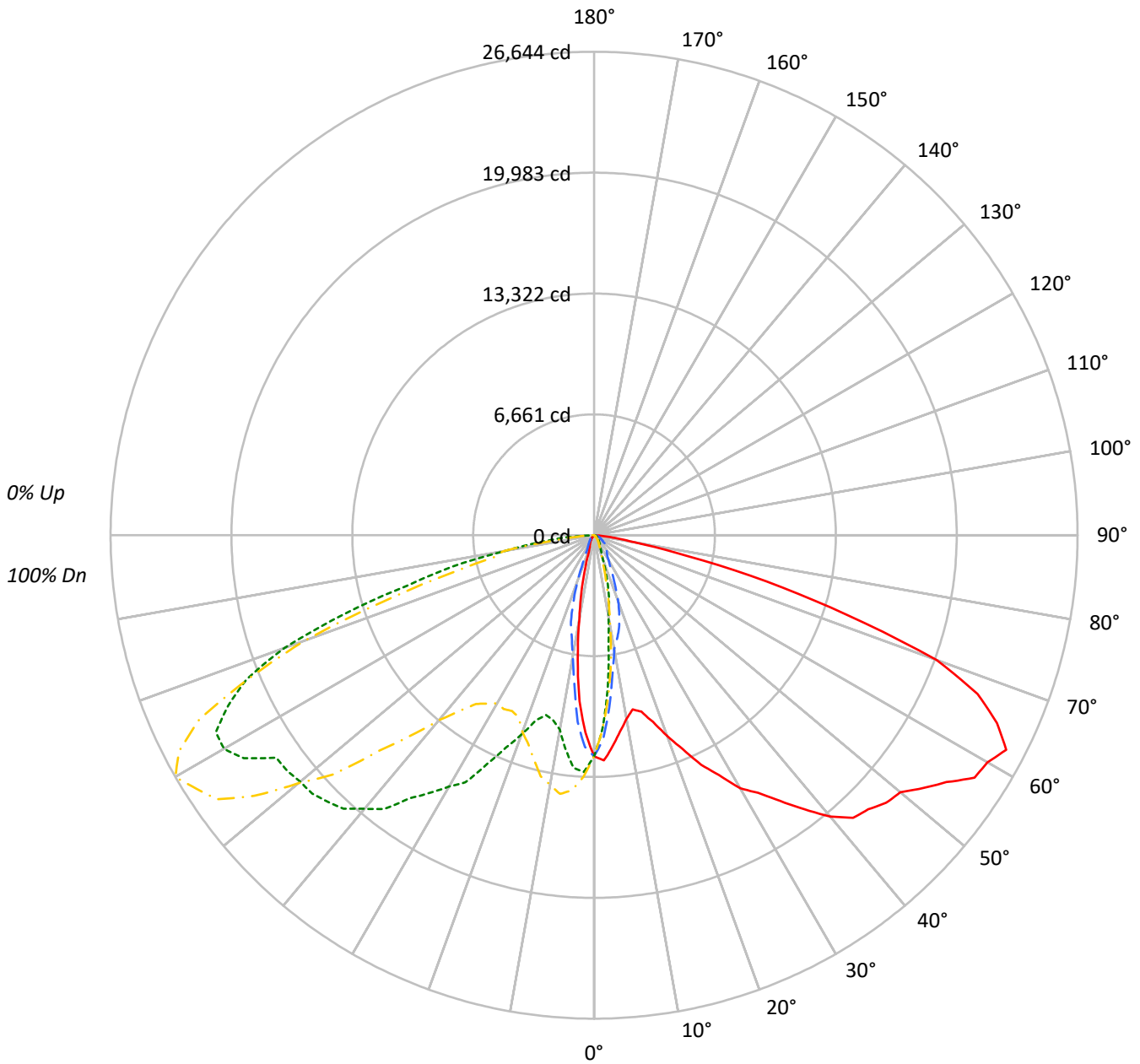
Lumens per Lamp: N/A
 Luminaire Lumens: 31848.9 lumens
 Efficiency: N/A
 Efficacy: 86.3 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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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CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	65530	65530	65530	65530
5°	63089	46111	49637	69537
10°	56170	25105	25433	59455
15°	56072	16745	10238	57124
20°	67326	8360	4082	66932
25°	82808	5252	3162	82400
30°	100054	4215	2401	99413
35°	117400	3385	1862	116216
40°	142129	2896	1206	138208
45°	162603	2614	654	158093
50°	184480	2516	144	176931
55°	222533	2417	0	200618
60°	269420	2033	0	253431
65°	311972	1640	0	283540
70°	315904	1352	0	285907
75°	204443	892	0	219261
80°	69726	267	0	155153
85°	34994	0	0	113999

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 CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	922.3	2.9
10°-20°	1786.0	5.6
20°-30°	2487.4	7.8
30°-40°	3534.3	11.1
40°-50°	4901.1	15.4
50°-60°	6678.0	21.0
60°-70°	7342.0	23.1
70°-80°	3608.5	11.3
80°-90°	589.3	1.9
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°	5195.7	16.3
0°-40°	8730.0	27.4
0°-60°	20309.1	63.8
0°-90°	31848.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	31848.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	12176	12176	12176	12176	12176	
5°	11678	8535	9188	12871	11678	1069
15°	10064	3005	1838	10252	10064	2979
25°	13945	884	532	13876	13945	6483
35°	17869	515	283	17688	17869	11342
45°	21364	344	86	20771	21364	16561
55°	23716	258	0	21381	23716	21334
65°	24498	129	0	22265	24498	23674
75°	9832	43	0	10544	9832	10719
85°	567	0	0	1846	567	784
90°	0	0	0	0	0	

TEST NUMBER: P599218
 CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8
2.5°	12424.8	12570.8	12433.4	11952.5	11866.7	11634.8	11282.8	11257.0	10887.8	10930.7	10733.2
5°	11677.8	11823.7	11531.8	10896.4	10303.9	9831.7	9548.3	9041.7	8930.1	8681.1	8681.1
7.5°	10913.6	10905.0	10407.0	9874.6	8990.2	8122.9	7727.9	6998.1	6568.7	6336.9	6113.7
10°	10278.2	10140.8	9831.7	8732.6	7770.9	6869.3	6379.8	5899.0	5452.5	5066.1	4679.7
12.5°	9831.7	9917.5	9428.1	8234.5	6989.5	6362.7	5838.9	5332.3	4799.9	4362.0	3932.7
15°	10063.5	9926.1	9350.8	8122.9	6860.7	6002.0	5306.5	4688.3	4095.8	3520.5	3194.2
17.5°	10784.8	10432.7	9754.4	8122.9	6594.5	5452.5	4611.0	3881.1	3245.7	2730.5	2327.0
20°	11755.1	11351.5	10621.6	8423.5	6397.0	5048.9	3898.3	2979.5	2318.4	1837.5	1528.4
22.5°	12751.1	12433.4	11334.3	8543.7	6165.2	4508.0	3074.0	2155.2	1545.6	1236.5	1081.9
25°	13944.6	13498.1	12296.0	9024.5	5821.7	3984.2	2421.4	1502.7	1150.6	987.5	893.0
27.5°	14897.7	14820.5	13197.6	9316.5	5564.1	3554.9	1914.8	1193.5	953.1	832.9	772.8
30°	16099.9	15679.1	14296.7	9900.3	5272.2	3065.4	1597.1	1073.3	875.8	747.0	704.1
32.5°	16821.1	16623.7	14872.0	10226.6	4945.9	2661.8	1373.9	944.5	798.6	704.1	661.2
35°	17868.7	17473.7	15696.3	10432.7	4774.1	2430.0	1236.5	858.7	669.8	575.3	523.8
37.5°	19036.5	18890.5	16683.8	10424.1	4525.1	2292.6	1142.0	798.6	635.4	532.4	472.3
40°	20230.0	19637.5	17284.8	10664.6	4396.3	2189.6	1073.3	764.2	601.1	506.6	429.3
42.5°	21123.0	20444.7	17980.3	10578.7	4241.8	2009.3	1047.6	712.7	575.3	463.7	395.0
45°	21363.5	21123.0	18607.2	10552.9	4130.2	1863.3	1004.6	704.1	558.1	437.9	369.2
47.5°	21827.1	21664.0	19380.0	10595.9	4044.3	1751.7	901.6	721.3	532.4	412.2	352.1
50°	22033.2	21741.3	20006.8	10698.9	3846.8	1614.3	807.1	755.6	523.8	403.6	334.9
52.5°	22883.3	22625.7	20865.4	10990.8	3683.7	1434.0	712.7	721.3	541.0	377.8	317.7
55°	23716.2	23424.2	22187.8	11660.6	3451.8	1288.0	609.6	635.4	515.2	343.5	283.4
57.5°	24858.2	24377.4	23072.2	11935.4	3245.7	1090.5	541.0	523.8	480.8	309.1	249.0
60°	25029.9	25227.4	22943.4	11763.6	3031.1	961.7	472.3	403.6	515.2	274.8	214.7
62.5°	25605.2	24780.9	22342.3	11368.7	2876.5	884.4	420.7	334.9	446.5	240.4	180.3
65°	24497.6	23887.9	20934.1	10097.8	2679.0	893.0	369.2	274.8	283.4	197.5	146.0
67.5°	22874.7	22393.8	18598.6	8715.4	2481.5	875.8	326.3	240.4	214.7	171.7	128.8
70°	20075.5	19036.5	15799.3	7075.4	2189.6	815.7	274.8	214.7	180.3	137.4	94.5
72.5°	14605.8	14185.1	11334.3	5469.7	1966.3	738.4	257.6	180.3	154.6	103.0	77.3
75°	9831.7	9136.1	7152.6	3589.2	1579.9	644.0	214.7	163.1	120.2	77.3	60.1
77.5°	5194.9	4911.5	4052.9	1708.7	875.8	300.5	120.2	94.5	68.7	60.1	34.3
80°	2249.7	2000.7	1751.7	695.5	309.1	137.4	77.3	51.5	42.9	34.3	17.2
82.5°	1150.6	1099.1	910.2	300.5	180.3	103.0	42.9	34.3	25.8	17.2	8.6
85°	566.7	583.9	480.8	94.5	103.0	60.1	8.6	8.6	0.0	0.0	0.0
87.5°	42.9	42.9	34.3	17.2	25.8	8.6	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: P599218
 CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8
2.5°	10656.0	10776.2	10570.1	10698.9	10638.8	10664.6	10690.3	10621.6	10638.8	10879.2	10887.8
5°	8535.1	8766.9	8681.1	8801.3	9007.3	8904.3	8998.8	8981.6	8998.8	9033.1	9187.7
7.5°	6087.9	6019.2	6182.4	6500.1	6869.3	7092.5	6980.9	6920.8	6886.5	6800.6	6903.6
10°	4593.8	4559.5	4516.6	4611.0	4851.4	5100.4	5237.8	5006.0	4877.2	4714.0	4653.9
12.5°	3812.4	3597.8	3477.6	3331.6	3400.3	3623.5	3632.1	3408.9	3202.8	3116.9	3211.4
15°	3005.3	2859.3	2644.7	2438.6	2335.6	2507.3	2361.3	2146.6	1880.5	1846.1	1837.5
17.5°	2146.6	2060.8	1906.2	1820.4	1700.1	1657.2	1502.7	1176.4	987.5	935.9	953.1
20°	1459.7	1391.0	1382.4	1305.2	1253.6	1219.3	970.3	755.6	695.5	704.1	712.7
22.5°	1081.9	1047.6	1004.6	996.0	953.1	910.2	712.7	635.4	592.5	592.5	618.2
25°	884.4	867.2	824.3	807.1	790.0	729.9	601.1	541.0	523.8	506.6	532.4
27.5°	755.6	747.0	721.3	695.5	678.3	618.2	523.8	472.3	455.1	455.1	455.1
30°	678.3	678.3	644.0	592.5	592.5	523.8	446.5	412.2	395.0	395.0	386.4
32.5°	635.4	618.2	575.3	541.0	515.2	446.5	395.0	360.6	334.9	334.9	343.5
35°	515.2	515.2	506.6	480.8	446.5	377.8	334.9	300.5	283.4	274.8	283.4
37.5°	455.1	429.3	395.0	403.6	386.4	326.3	283.4	257.6	231.8	231.8	231.8
40°	412.2	386.4	352.1	326.3	317.7	291.9	249.0	206.1	180.3	171.7	171.7
42.5°	369.2	352.1	300.5	257.6	249.0	249.0	188.9	154.6	128.8	128.8	128.8
45°	343.5	317.7	274.8	223.3	180.3	188.9	154.6	111.6	94.5	85.9	85.9
47.5°	326.3	300.5	240.4	188.9	137.4	137.4	111.6	77.3	60.1	51.5	51.5
50°	300.5	274.8	214.7	154.6	103.0	85.9	68.7	42.9	25.8	17.2	17.2
52.5°	283.4	257.6	188.9	128.8	85.9	60.1	42.9	8.6	0.0	0.0	0.0
55°	257.6	223.3	163.1	103.0	68.7	34.3	8.6	0.0	0.0	0.0	0.0
57.5°	223.3	197.5	128.8	77.3	42.9	8.6	0.0	0.0	0.0	0.0	0.0
60°	188.9	163.1	103.0	60.1	17.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	154.6	137.4	77.3	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	128.8	103.0	60.1	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	111.6	85.9	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	85.9	60.1	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	60.1	42.9	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	42.9	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	25.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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: P599218
 CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8
2.5°	10922.2	11179.8	11420.2	11488.9	11677.8	12201.6	12201.6	12450.6	12897.1	13060.2	13094.6
5°	9213.4	9488.2	9539.7	10072.1	10321.1	10853.5	11205.5	12047.0	12553.6	12871.3	13068.8
7.5°	7006.7	7101.1	7298.6	7796.6	8286.1	8930.1	9599.8	10673.1	11566.1	11926.8	12596.5
10°	4817.1	5100.4	5529.8	5976.3	6740.5	7453.2	8320.4	9333.6	10432.7	10879.2	11454.5
12.5°	3245.7	3640.7	4327.6	4963.1	5667.2	6388.4	7212.7	8569.4	9814.5	10432.7	11008.0
15°	1897.6	2378.5	2971.0	4001.4	4937.3	5744.4	6568.7	7942.6	9453.8	10252.4	10956.5
17.5°	961.7	1107.7	1597.1	2490.1	3726.6	5048.9	6276.8	8028.5	9728.6	10707.5	11291.4
20°	721.3	764.2	901.6	1322.3	2550.2	4173.1	6002.0	8157.3	10492.8	11686.4	12004.1
22.5°	626.8	661.2	721.3	858.7	1434.0	3194.2	5615.6	8475.0	11531.8	12656.6	13326.4
25°	532.4	566.7	618.2	704.1	918.8	2172.4	5143.4	8809.8	12459.2	13875.9	14502.8
27.5°	463.7	489.4	541.0	609.6	747.0	1382.4	4327.6	9256.4	13875.9	15352.8	15516.0
30°	395.0	420.7	463.7	541.0	635.4	978.9	3177.0	9316.5	14657.3	15996.8	16451.9
32.5°	343.5	352.1	403.6	472.3	532.4	772.8	2232.5	9376.6	15232.6	16829.7	16924.2
35°	283.4	300.5	352.1	395.0	463.7	609.6	1691.6	9076.0	15979.7	17688.4	17662.6
37.5°	231.8	257.6	291.9	326.3	377.8	515.2	1348.1	8517.9	16915.6	19019.3	18212.2
40°	180.3	206.1	240.4	283.4	317.7	463.7	1013.2	7676.4	17894.5	19671.9	18813.2
42.5°	128.8	146.0	180.3	223.3	283.4	386.4	729.9	6680.4	18280.9	20436.1	19534.5
45°	94.5	111.6	137.4	188.9	291.9	309.1	506.6	5770.2	18693.0	20771.0	19371.4
47.5°	51.5	68.7	103.0	163.1	257.6	231.8	360.6	4954.5	19165.3	21071.5	19500.2
50°	17.2	25.8	60.1	171.7	206.1	180.3	283.4	4516.6	19629.0	21131.6	19757.8
52.5°	0.0	0.0	34.3	180.3	154.6	137.4	249.0	4344.8	19508.8	21320.5	19594.6
55°	0.0	0.0	8.6	77.3	85.9	103.0	206.1	4336.2	20358.8	21380.6	20487.6
57.5°	0.0	0.0	0.0	25.8	51.5	85.9	180.3	4061.5	20899.8	22874.7	21689.7
60°	0.0	0.0	0.0	8.6	34.3	60.1	137.4	3821.0	21449.3	23544.5	22977.7
62.5°	0.0	0.0	0.0	0.0	8.6	25.8	94.5	3451.8	20341.7	23492.9	24222.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	60.1	2730.5	18298.0	22265.0	23535.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	34.3	1889.1	16022.6	20719.5	22273.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1142.0	12931.4	18169.2	18890.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.4	9230.6	14425.5	15498.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197.5	5710.1	10544.3	11866.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.3	3700.8	7985.5	9007.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	1974.9	5006.0	5821.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	858.7	3039.7	3503.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.8	1846.1	2103.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	283.4	377.8
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: P599218
 CATALOG NUMBER: IFLD-L-SA7C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8	12175.8
2.5°	13111.7	13360.7	13455.2	13309.2	13326.4	13025.9	12982.9	12562.2	12390.5	12424.8
5°	13712.8	14073.4	14270.9	14107.8	13738.6	13163.3	12639.5	12141.4	11832.3	11677.8
7.5°	13575.4	13979.0	14228.0	14382.6	13961.8	13034.5	12235.9	11300.0	10905.0	10913.6
10°	12819.8	13661.3	14167.9	13970.4	13772.9	12845.6	11609.1	10595.9	10243.8	10278.2
12.5°	12210.1	13146.1	13446.6	13601.2	13197.6	12459.2	11626.3	10467.1	10072.1	9831.7
15°	11832.3	12527.8	12545.0	12785.4	12622.3	12622.3	11806.6	10673.1	10329.7	10063.5
17.5°	11832.3	11986.9	11969.7	12055.6	12330.4	12656.6	12261.7	11506.0	10827.7	10784.8
20°	12098.5	11617.7	11506.0	11540.4	11772.2	12742.5	13266.3	12321.8	11892.4	11755.1
22.5°	12716.8	11660.6	10982.3	10862.0	11574.7	12733.9	13910.3	13609.8	12862.7	12751.1
25°	13566.8	11583.3	10844.9	10690.3	11231.3	13043.0	14794.7	14854.8	14176.5	13944.6
27.5°	14374.0	11926.8	10827.7	10793.4	11506.0	12974.3	15404.4	15850.9	15086.7	14897.7
30°	14648.7	12270.2	11145.4	10690.3	11609.1	13223.4	15387.2	16555.0	16056.9	16099.9
32.5°	14975.0	12613.7	11179.8	10999.4	12047.0	13626.9	15876.6	17688.4	17327.8	16821.1
35°	15455.9	13077.4	11506.0	11342.9	12356.1	13987.6	15979.7	18521.3	18461.2	17868.7
37.5°	15868.0	13532.5	12184.4	12210.1	13300.6	14571.5	16434.7	19543.1	19440.1	19036.5
40°	16160.0	14167.9	13240.5	13309.2	14125.0	15224.0	17241.9	20058.3	20822.5	20230.0
42.5°	16202.9	14734.6	14451.2	15000.8	15765.0	16237.3	17568.2	20410.3	21509.4	21123.0
45°	16366.1	15636.2	16426.2	16829.7	17456.6	17130.3	17551.0	21011.4	21560.9	21363.5
47.5°	17001.5	17276.2	18272.3	19500.2	19723.4	18650.1	17963.2	21105.9	21852.9	21827.1
50°	17662.6	19036.5	20436.1	21251.8	21535.2	19697.7	18349.6	21028.6	22239.3	22033.2
52.5°	18401.1	20564.9	22582.8	23587.4	23432.8	20856.8	18787.5	21655.4	22952.0	22883.3
55°	18864.8	21251.8	23965.2	25364.8	25244.6	22153.4	20178.5	22557.0	23887.9	23716.2
57.5°	20092.6	22368.1	25339.1	25991.6	26309.3	23853.6	21148.8	24033.9	24669.3	24858.2
60°	21105.9	23097.9	25699.7	26644.2	26755.8	24866.8	22848.9	25553.7	25665.3	25029.9
62.5°	22591.3	23381.3	24935.5	25785.6	26360.9	25442.1	24377.4	26369.4	25648.2	25605.2
65°	23681.8	22454.0	23510.1	23982.4	24351.6	24566.3	25914.4	26927.6	25330.5	24497.6
67.5°	23072.2	20702.3	20504.8	20530.6	20642.2	21938.8	25399.2	25562.3	23561.6	22874.7
70°	20307.3	16984.3	16718.1	16924.2	16366.1	17928.8	23312.6	23235.3	20788.2	20075.5
72.5°	16426.2	12381.9	11926.8	12210.1	12338.9	13996.2	19611.8	17619.7	15163.9	14605.8
75°	13051.6	9076.0	7659.2	8346.2	8784.1	10192.3	15318.5	11969.7	10587.3	9831.7
77.5°	10252.4	6869.3	5959.1	5684.3	6087.9	7410.2	11145.4	6285.4	5546.9	5194.9
80°	6500.1	5048.9	5478.2	5083.3	5255.0	5289.3	5804.5	2859.3	2275.4	2249.7
82.5°	3915.5	3451.8	4104.4	2258.3	4113.0	3675.1	2412.8	1296.6	1150.6	1150.6
85°	2773.5	2138.1	1416.8	918.8	1828.9	2017.9	935.9	669.8	583.9	566.7
87.5°	1391.0	661.2	317.7	206.1	231.8	377.8	111.6	51.5	51.5	42.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)