

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: P599421

Luminaire Tested: **IFLD-L-SA7C-727-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: P599421
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-727-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

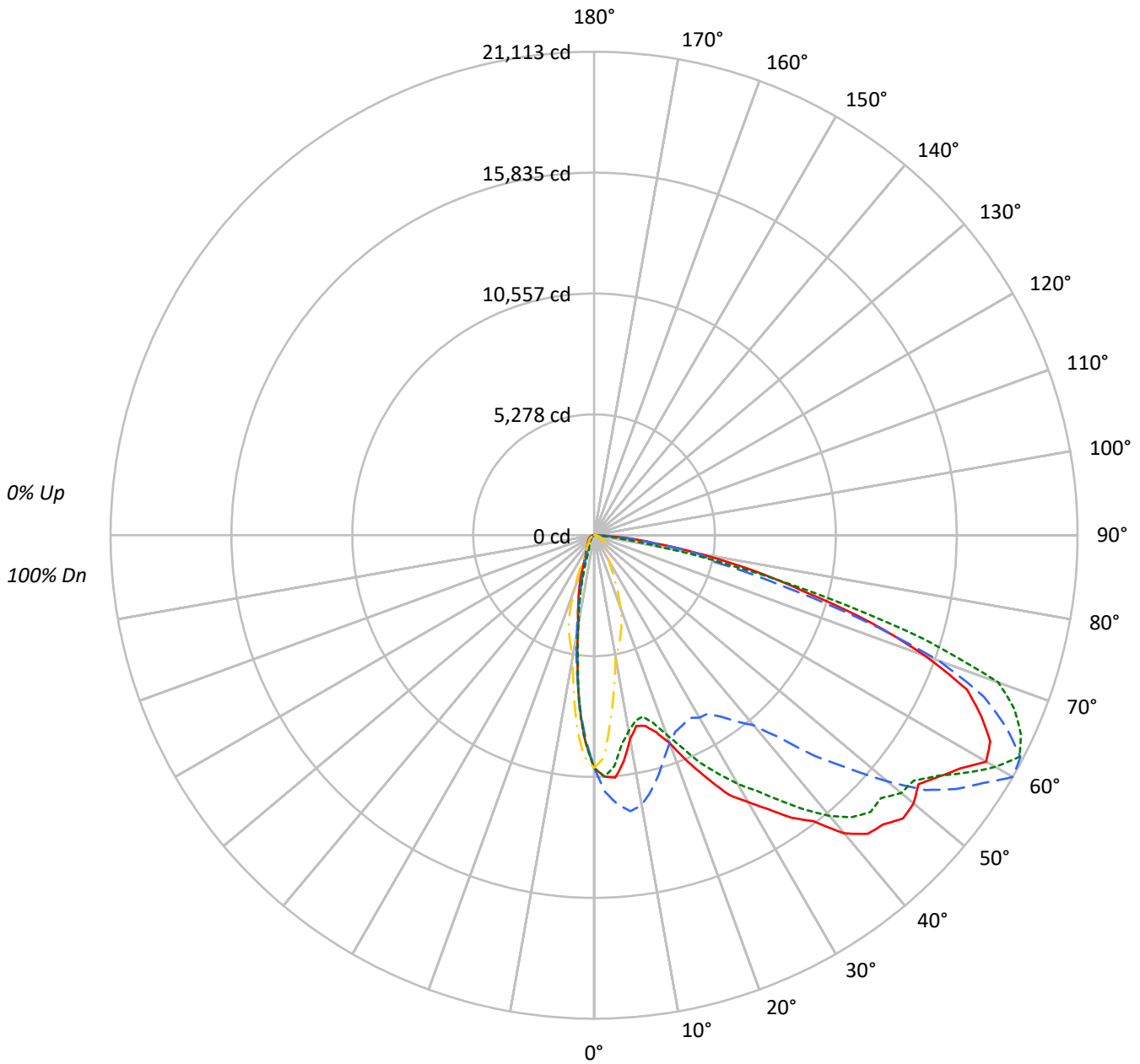
Lumens per Lamp: N/A
 Luminaire Lumens: 27002.4 lumens
 Efficiency: N/A
 Efficacy: 73.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 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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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				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°	54641	54641	54641	54641
5°	57421	54656	39930	40164
10°	49376	47485	21831	21319
15°	48011	45641	14182	10687
20°	55340	53027	7599	3800
25°	69582	65086	4924	2954
30°	83573	77882	3988	2420
35°	98968	92856	3269	1942
40°	119406	112415	2888	1469
45°	135944	130017	2689	988
50°	152505	146589	2657	604
55°	172463	171855	2639	270
60°	212822	217867	2406	78
65°	237464	261891	2204	0
70°	242138	295580	2043	0
75°	197024	218016	1948	0
80°	143255	91183	2011	0
85°	92614	38292	2674	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	771.3	2.9
10°-20°	1512.5	5.6
20°-30°	2093.0	7.8
30°-40°	2958.0	11.0
40°-50°	4027.3	14.9
50°-60°	5334.0	19.8
60°-70°	6193.1	22.9
70°-80°	3507.2	13.0
80°-90°	606.0	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°	4376.8	16.2
0°-40°	7334.8	27.2
0°-60°	16696.1	61.8
0°-90°	27002.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27002.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10153	10153	10153	10153	10153	
5°	10629	10117	7391	7434	10629	954
15°	8617	8191	2545	1918	8617	2527
25°	11717	10960	829	498	11717	5465
35°	15063	14133	498	296	15063	9496
45°	17861	17082	353	130	17861	13847
55°	18380	18315	281	29	18380	16653
65°	18647	20565	173	0	18647	18177
75°	9475	10484	94	0	9475	10341
85°	1500	620	43	0	1500	1802
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°	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7
2.5°	10549.3	10772.8	10780.0	10881.0	10981.9	10981.9	11219.9	11162.2	10953.1	10917.0	10765.6
5°	10628.6	10707.9	10765.6	11277.6	11710.2	11667.0	11796.8	11710.2	11306.4	10787.3	10433.9
7.5°	9943.6	10030.1	10260.9	11133.4	11717.4	11912.1	12157.3	11616.5	11191.1	10253.7	9575.8
10°	9035.0	9200.9	9626.3	10621.4	11342.5	11962.6	11962.6	11530.0	10707.9	9792.2	8962.9
12.5°	8530.3	8862.0	9092.7	10102.2	11039.6	11465.1	11450.6	11219.9	10686.3	9532.6	8595.2
15°	8616.8	8710.6	9200.9	9986.9	10607.0	10585.4	10844.9	10772.8	10397.9	9763.3	8732.2
17.5°	9013.4	9157.6	9583.1	9986.9	10282.5	10196.0	10188.8	10534.9	10556.5	10152.7	9244.2
20°	9662.4	10087.8	10289.7	10412.3	10051.8	9684.0	9640.7	10123.9	10498.8	10650.2	9857.1
22.5°	10700.7	10981.9	11393.0	10765.6	9828.2	9366.7	9280.2	9813.8	10570.9	11241.5	10650.2
25°	11717.4	11933.8	12330.3	11522.7	10080.6	9301.8	9150.4	9611.9	10844.9	12063.6	11609.3
27.5°	12791.8	12979.3	13022.6	12078.0	10217.6	9172.0	8991.8	9611.9	11075.7	12496.2	12755.8
30°	13448.0	13671.5	13714.8	12568.3	10441.1	9280.2	9193.7	9655.2	11234.3	12863.9	13577.8
32.5°	14183.5	14241.2	14205.1	12654.8	10686.3	9597.5	9236.9	9943.6	11414.6	13303.8	14327.7
35°	15063.2	15164.2	14796.4	13051.4	11234.3	9799.4	9669.6	10296.9	11724.6	13505.7	15236.3
37.5°	15733.8	16051.1	15221.8	13202.8	11342.5	10224.8	10246.4	11032.4	11941.0	13750.9	16238.6
40°	16995.7	16462.1	15942.9	13722.0	11753.5	10945.9	10830.5	11789.5	12669.3	13909.5	16894.7
42.5°	17687.9	17406.7	16224.1	13772.5	12388.0	11941.0	11969.8	12647.6	13051.4	14356.6	17075.0
45°	17861.0	17565.3	16606.3	13808.5	13015.4	13116.3	13613.9	13743.7	13613.9	14652.2	17413.9
47.5°	18300.8	17659.1	16563.0	14291.7	14032.1	14421.5	15056.0	15337.2	14378.2	14544.0	17572.5
50°	18214.3	17846.6	16469.3	14493.6	15272.3	16303.5	16728.9	16613.5	15229.1	14320.5	17399.5
52.5°	17853.8	17457.2	16757.7	15041.6	16433.3	17680.7	18272.0	17983.6	15986.2	14825.3	17284.1
55°	18380.1	18077.3	17132.7	15784.3	17305.8	18892.1	19310.3	19094.0	16916.4	15294.0	17940.3
57.5°	18949.8	18884.9	18149.4	16656.8	18336.9	20139.6	20139.6	19872.8	17724.0	15971.8	18913.7
60°	19771.8	19916.0	18899.3	17233.6	18690.2	20067.5	21113.0	20803.0	18538.8	17161.5	20017.0
62.5°	19505.0	19966.5	19865.6	18473.9	19094.0	20420.8	20990.4	21221.2	19548.3	18610.9	21488.0
65°	18646.9	19137.3	19858.3	19288.7	18791.2	19562.7	19851.1	20550.6	20053.0	19973.7	22093.7
67.5°	17623.0	18156.6	18603.7	19836.7	18178.2	18690.2	18437.8	18661.4	19505.0	21466.3	22439.8
70°	15387.7	15899.7	16606.3	18618.1	16555.8	16094.3	16029.5	15921.3	17233.6	20932.7	20867.9
72.5°	12654.8	12892.8	14060.9	15135.3	12251.0	12164.5	12265.5	12142.9	13664.3	18949.8	17875.4
75°	9474.9	9712.9	10376.2	11623.7	8342.8	7845.3	8422.1	8991.8	10433.9	14709.9	12842.3
77.5°	7124.2	7427.1	7845.3	8696.1	6121.9	5343.2	5422.5	5963.3	7542.4	11782.3	7196.3
80°	4622.1	4586.0	5393.6	5984.9	4607.7	4751.9	4550.0	4946.6	5465.7	6302.2	3677.5
82.5°	2668.0	2704.0	3042.9	3432.3	3208.8	3670.3	2646.3	4420.2	3901.0	2567.0	1370.0
85°	1499.8	1564.7	1874.8	2379.5	2011.8	1348.4	1103.2	2192.1	2451.6	1052.8	663.4
87.5°	151.4	129.8	252.4	901.3	548.0	223.5	331.7	526.4	591.3	396.6	194.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7
2.5°	10549.3	10549.3	10369.0	10066.2	9943.6	9727.3	9431.6	9525.4	9424.4	9056.7	8962.9
5°	10116.7	9770.5	9395.6	8934.1	8667.3	8119.3	7946.2	7636.2	7686.6	7376.6	7391.0
7.5°	9215.3	8941.3	8306.8	7701.1	7174.7	6698.8	6028.2	5775.8	5530.6	5408.0	5552.3
10°	8688.9	8177.0	7311.7	6518.5	5819.1	5393.6	4946.6	4600.4	4283.2	4045.2	3994.7
12.5°	8306.8	7852.5	6806.9	5840.7	5292.7	4946.6	4535.5	4059.6	3749.6	3338.6	3216.0
15°	8191.4	7636.2	6532.9	5573.9	5040.3	4470.7	4002.0	3533.3	3129.5	2696.8	2545.4
17.5°	8588.0	7946.2	6525.7	5357.6	4607.7	3994.7	3345.8	2819.4	2408.4	2011.8	1918.1
20°	9258.6	8277.9	6734.8	5227.8	4196.6	3374.6	2639.1	2112.7	1651.3	1391.7	1326.8
22.5°	10022.9	8840.4	6756.5	4881.7	3785.6	2754.5	1925.3	1391.7	1132.1	1009.5	973.4
25°	10960.3	9741.7	7016.0	4600.4	3302.5	2091.1	1370.0	1067.2	915.8	843.7	829.2
27.5°	11731.9	10369.0	7297.3	4304.8	2826.6	1550.3	1074.4	872.5	793.2	721.1	713.9
30°	12532.2	11090.1	7376.6	4124.5	2415.6	1276.3	923.0	771.5	685.0	649.0	641.8
32.5°	13231.7	11876.1	7629.0	3828.9	2026.2	1124.9	836.4	692.2	634.5	576.9	569.6
35°	14133.0	12330.3	7751.5	3670.3	1882.0	1016.7	764.3	634.5	548.0	512.0	497.5
37.5°	15099.3	12770.2	7830.9	3547.7	1759.4	951.8	721.1	598.5	519.2	468.7	454.3
40°	16000.6	13390.3	7715.5	3396.3	1665.7	872.5	692.2	555.2	483.1	432.6	411.0
42.5°	16692.8	13996.0	7679.4	3252.0	1564.7	843.7	656.2	533.6	454.3	396.6	389.4
45°	17082.2	14407.0	7427.1	3136.7	1485.4	858.1	641.8	504.8	432.6	382.2	353.3
47.5°	16988.5	14724.3	7491.9	3100.6	1377.2	800.4	634.5	483.1	396.6	353.3	331.7
50°	17507.7	15366.1	7383.8	2985.2	1297.9	721.1	692.2	483.1	389.4	338.9	317.3
52.5°	17594.2	15950.1	7614.5	2776.1	1175.3	663.4	685.0	475.9	375.0	324.5	295.6
55°	18315.3	16627.9	8061.6	2660.8	1074.4	576.9	627.3	461.5	338.9	295.6	281.2
57.5°	19295.9	18034.0	8350.0	2552.6	937.4	504.8	526.4	454.3	310.1	274.0	252.4
60°	20240.5	18596.5	8371.7	2357.9	807.6	454.3	411.0	454.3	288.4	245.2	223.5
62.5°	20947.2	18596.5	8227.4	2192.1	706.7	403.8	360.5	432.6	259.6	216.3	201.9
65°	20565.0	18098.9	7852.5	2055.1	641.8	353.3	310.1	331.7	230.7	187.5	173.1
67.5°	19880.0	16548.6	7023.3	1889.2	634.5	310.1	266.8	245.2	201.9	165.8	151.4
70°	18783.9	14457.5	5847.9	1701.7	620.1	281.2	238.0	209.1	180.3	144.2	129.8
72.5°	15135.3	11941.0	4802.3	1593.6	605.7	245.2	201.9	180.3	151.4	122.6	108.2
75°	10484.4	7629.0	3699.1	1362.8	591.3	223.5	187.5	158.6	129.8	101.0	93.7
77.5°	6287.8	5098.0	2386.8	1023.9	389.4	180.3	158.6	122.6	108.2	86.5	79.3
80°	2942.0	2408.4	966.2	396.6	187.5	129.8	108.2	93.7	86.5	72.1	64.9
82.5°	1153.7	1016.7	468.7	230.7	151.4	101.0	86.5	79.3	72.1	57.7	50.5
85°	620.1	548.0	223.5	158.6	108.2	72.1	72.1	64.9	57.7	50.5	43.3
87.5°	137.0	101.0	93.7	93.7	79.3	57.7	57.7	50.5	43.3	36.1	28.8
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°	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7
2.5°	8912.5	9020.6	8847.6	8955.7	8804.3	8919.7	8934.1	8825.9	8854.8	8999.0	9063.9
5°	7592.9	7520.8	7362.2	7311.7	7318.9	7225.2	7261.2	7311.7	7391.0	7434.3	7564.1
7.5°	5472.9	5638.8	5631.6	5754.2	5761.4	5747.0	5646.0	5429.7	5501.8	5444.1	5516.2
10°	3915.4	3987.5	4124.5	4203.9	4348.1	4268.8	4038.0	3951.5	3908.2	3901.0	3973.1
12.5°	3129.5	2956.4	2942.0	2970.8	3042.9	2949.2	2833.8	2732.9	2783.3	2884.3	2963.6
15°	2422.8	2278.6	2091.1	2062.3	2076.7	2033.4	1910.8	1781.1	1817.1	1918.1	1975.7
17.5°	1860.4	1694.5	1564.7	1478.2	1449.4	1297.9	1117.7	1009.5	980.7	973.4	1023.9
20°	1254.7	1225.8	1204.2	1096.0	1096.0	879.7	728.3	649.0	649.0	663.4	670.6
22.5°	937.4	901.3	908.6	886.9	829.2	656.2	576.9	555.2	555.2	569.6	569.6
25°	814.8	764.3	749.9	742.7	685.0	562.4	504.8	483.1	483.1	497.5	497.5
27.5°	692.2	677.8	656.2	627.3	576.9	483.1	447.1	425.4	432.6	439.9	432.6
30°	634.5	598.5	569.6	569.6	512.0	432.6	403.8	389.4	375.0	389.4	396.6
32.5°	562.4	540.8	526.4	504.8	439.9	382.2	353.3	338.9	331.7	331.7	338.9
35°	483.1	483.1	468.7	439.9	382.2	346.1	310.1	295.6	288.4	295.6	295.6
37.5°	432.6	411.0	418.2	389.4	338.9	302.9	266.8	252.4	252.4	245.2	252.4
40°	403.8	367.7	346.1	331.7	302.9	259.6	230.7	216.3	209.1	209.1	209.1
42.5°	360.5	331.7	288.4	281.2	274.0	223.5	187.5	180.3	173.1	165.8	165.8
45°	338.9	295.6	259.6	223.5	223.5	187.5	158.6	144.2	137.0	129.8	137.0
47.5°	310.1	266.8	223.5	187.5	180.3	151.4	122.6	108.2	101.0	101.0	101.0
50°	295.6	238.0	194.7	158.6	137.0	122.6	93.7	79.3	72.1	72.1	72.1
52.5°	274.0	223.5	173.1	137.0	108.2	93.7	72.1	57.7	50.5	50.5	50.5
55°	245.2	201.9	151.4	115.4	93.7	72.1	50.5	36.1	28.8	28.8	28.8
57.5°	230.7	180.3	129.8	101.0	72.1	50.5	28.8	21.6	21.6	14.4	21.6
60°	209.1	158.6	108.2	79.3	57.7	36.1	21.6	7.2	7.2	7.2	7.2
62.5°	180.3	137.0	93.7	64.9	43.3	21.6	7.2	0.0	0.0	0.0	0.0
65°	151.4	108.2	72.1	50.5	28.8	7.2	0.0	0.0	0.0	0.0	0.0
67.5°	129.8	93.7	57.7	36.1	21.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	115.4	79.3	43.3	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	93.7	64.9	36.1	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	79.3	50.5	21.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	64.9	36.1	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.5	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	43.3	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.6	7.2	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: P599421
 CATALOG NUMBER: IFLD-L-SA7C-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7	10152.7
2.5°	9157.6	9114.4	9330.7	9684.0	9864.3	10217.6	10304.1	10527.7	10470.0	10549.3
5°	7578.5	7665.0	7982.3	8501.4	8688.9	9200.9	9684.0	10167.1	10477.2	10628.6
7.5°	5624.4	5912.8	6302.2	6778.1	7261.2	7931.8	8753.8	9316.3	9619.1	9943.6
10°	4189.4	4499.5	4946.6	5415.3	6201.2	6951.1	7773.2	8472.6	8732.2	9035.0
12.5°	3295.3	3778.4	4297.6	4802.3	5271.0	5984.9	7001.6	8018.3	8299.5	8530.3
15°	2293.0	2884.3	3627.0	4283.2	4939.3	5559.5	6612.2	7845.3	8227.4	8616.8
17.5°	1269.1	1737.8	2588.7	3511.6	4477.9	5429.7	6742.0	8162.5	8739.4	9013.4
20°	735.5	923.0	1528.7	2624.7	3901.0	5148.5	6806.9	8761.0	9525.4	9662.4
22.5°	605.7	670.6	865.3	1644.0	3194.4	4968.2	7138.6	9597.5	10376.2	10700.7
25°	519.2	569.6	670.6	987.9	2415.6	4586.0	7347.7	10643.0	11364.1	11717.4
27.5°	461.5	512.0	591.3	728.3	1644.0	4059.6	7693.8	11587.6	12308.7	12791.8
30°	403.8	447.1	526.4	620.1	1139.3	3468.4	7989.5	12279.9	13296.6	13448.0
32.5°	360.5	396.6	454.3	533.6	843.7	2631.9	8227.4	12993.7	13851.8	14183.5
35°	310.1	353.3	389.4	454.3	641.8	1983.0	8083.2	13549.0	14666.6	15063.2
37.5°	274.0	302.9	338.9	382.2	540.8	1550.3	7787.6	14212.3	15366.1	15733.8
40°	230.7	252.4	295.6	338.9	490.3	1197.0	7448.7	15012.7	16346.7	16995.7
42.5°	194.7	216.3	245.2	317.3	403.8	886.9	6763.7	15632.9	17139.9	17687.9
45°	151.4	180.3	223.5	317.3	324.5	656.2	6057.0	16094.3	17587.0	17861.0
47.5°	115.4	144.2	216.3	274.0	259.6	454.3	5220.6	16620.7	18048.5	18300.8
50°	86.5	115.4	245.2	238.0	216.3	346.1	4694.2	16988.5	18077.3	18214.3
52.5°	57.7	86.5	201.9	180.3	180.3	302.9	4550.0	16974.1	18149.4	17853.8
55°	43.3	64.9	115.4	129.8	158.6	266.8	4420.2	17514.9	18171.0	18380.1
57.5°	28.8	50.5	79.3	101.0	137.0	230.7	4153.4	18163.8	18841.6	18949.8
60°	14.4	36.1	57.7	79.3	115.4	201.9	3778.4	18639.7	19656.4	19771.8
62.5°	7.2	21.6	43.3	64.9	93.7	158.6	3389.0	17882.6	19303.1	19505.0
65°	0.0	14.4	28.8	43.3	57.7	115.4	2754.5	16144.8	17904.2	18646.9
67.5°	0.0	0.0	14.4	28.8	36.1	86.5	2076.7	14688.3	16613.5	17623.0
70°	0.0	0.0	7.2	7.2	21.6	64.9	1326.8	12164.5	14832.5	15387.7
72.5°	0.0	0.0	0.0	0.0	7.2	43.3	771.5	9035.0	11623.7	12654.8
75°	0.0	0.0	0.0	0.0	0.0	36.1	389.4	5811.8	8090.4	9474.9
77.5°	0.0	0.0	0.0	0.0	0.0	28.8	209.1	3749.6	5963.3	7124.2
80°	0.0	0.0	0.0	0.0	0.0	7.2	122.6	2177.6	3814.5	4622.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	50.5	1067.2	2278.6	2668.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	14.4	569.6	1139.3	1499.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	79.3	151.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)