

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: P598996

Luminaire Tested: **IFLD-S-SA2D-750-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598996
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-750-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

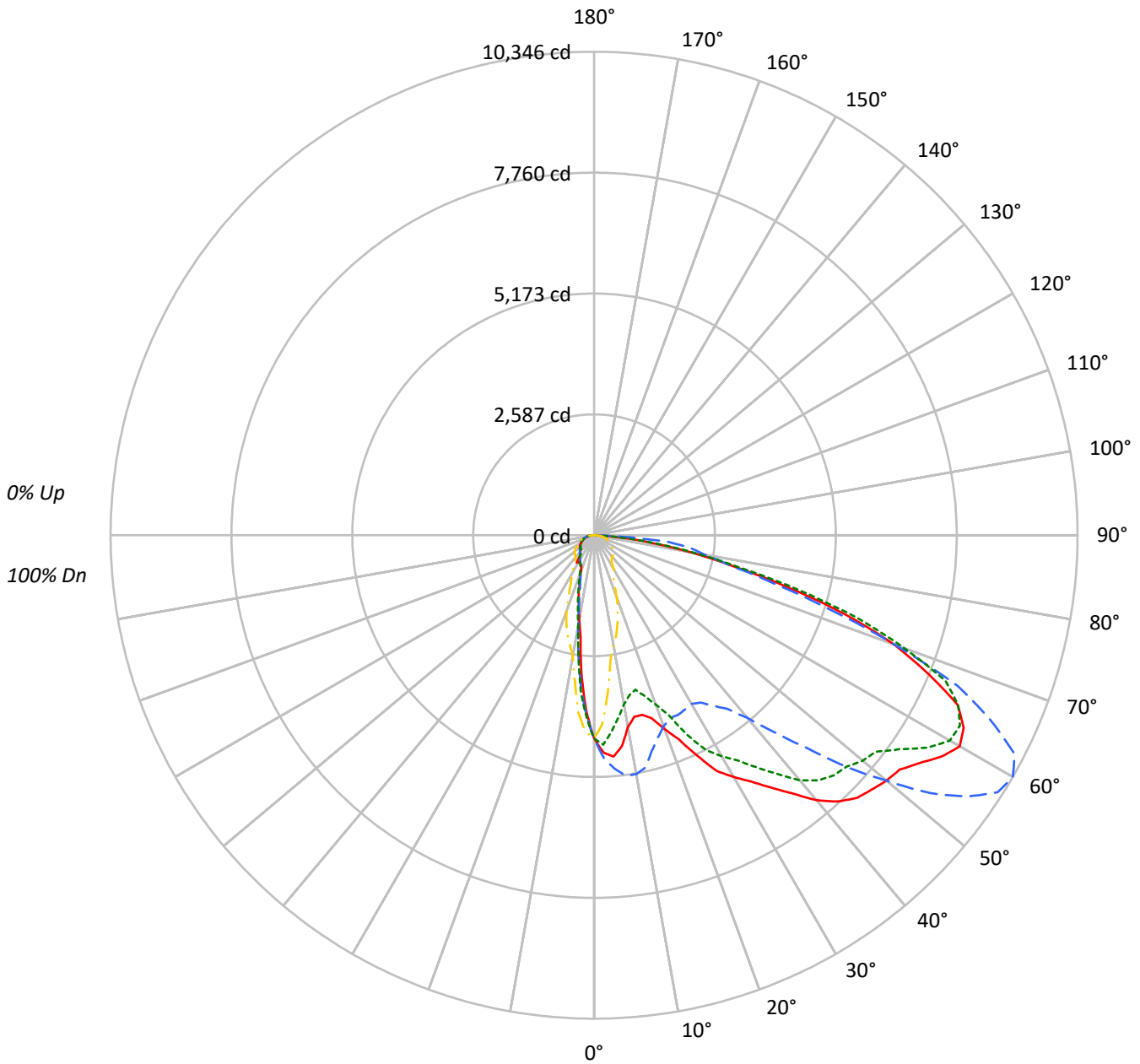
Lumens per Lamp: N/A
 Luminaire Lumens: 13607.7 lumens
 Efficiency: N/A
 Efficacy: 109.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	93564	93564	93564	93564
5°	102793	91313	65485	71486
10°	91049	80361	39719	42622
15°	88659	76280	28118	29194
20°	101090	88229	18392	20330
25°	123168	111840	16060	16632
30°	148403	135649	16655	15457
35°	173076	159276	13803	13009
40°	207976	192371	12893	12213
45°	242037	221085	13049	12129
50°	273534	251296	13343	12536
55°	319001	299514	13820	13140
60°	389072	378416	13774	13774
65°	437252	437863	14146	14757
70°	429726	444920	14817	15201
75°	354476	378073	15562	16569
80°	255944	268664	17208	17964
85°	141657	152080	19390	23861

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.6	2.5
10°-20°	712.9	5.2
20°-30°	1043.0	7.7
30°-40°	1469.6	10.8
40°-50°	2019.6	14.8
50°-60°	2752.5	20.2
60°-70°	3012.5	22.1
70°-80°	1739.2	12.8
80°-90°	520.8	3.8
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°	2093.5	15.4
0°-40°	3563.1	26.2
0°-60°	8335.2	61.3
0°-90°	13607.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13607.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4346	4346	4346	4346	4346	
5°	4757	4226	3030	3308	4757	432
15°	3978	3423	1262	1310	3978	1162
25°	5185	4708	676	700	5185	2428
35°	6586	6061	525	495	6586	4176
45°	7950	7262	429	398	7950	6110
55°	8499	7980	368	350	8499	7669
65°	8584	8596	278	290	8584	8216
75°	4262	4545	187	199	4262	4578
85°	574	616	78	97	574	796
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2
2.5°	4654.1	4636.0	4654.1	4720.5	4738.6	4768.8	4768.8	4726.5	4648.0	4611.8	4551.5
5°	4756.7	4726.5	4877.4	5016.3	5124.9	5112.8	5010.2	4925.7	4768.8	4533.3	4310.0
7.5°	4551.5	4581.6	4690.3	5052.5	5306.0	5354.3	5191.3	5022.3	4684.3	4358.3	4056.5
10°	4165.1	4207.4	4442.8	4817.1	5215.5	5293.9	5191.3	4986.1	4581.6	4177.2	3827.1
12.5°	3978.0	4074.6	4213.4	4666.1	4949.9	5137.0	5088.7	4955.9	4503.2	4026.3	3688.2
15°	3978.0	4002.1	4207.4	4587.7	4750.7	4756.7	4774.8	4798.9	4527.3	4092.7	3640.0
17.5°	4104.8	4171.2	4346.2	4581.6	4611.8	4539.4	4539.4	4642.0	4575.6	4279.8	3815.0
20°	4412.6	4388.5	4617.9	4714.4	4551.5	4370.4	4352.3	4527.3	4629.9	4479.0	4134.9
22.5°	4720.5	4829.1	5016.3	4798.9	4497.1	4255.7	4231.5	4448.8	4792.9	4823.1	4503.2
25°	5185.3	5293.9	5390.5	5124.9	4491.1	4225.5	4243.6	4412.6	4992.1	5312.0	5118.9
27.5°	5686.3	5752.7	5891.5	5481.1	4636.0	4189.3	4207.4	4460.9	5179.2	5632.0	5601.8
30°	5970.0	6042.4	6012.3	5547.5	4732.5	4213.4	4165.1	4527.3	5076.6	5632.0	5915.7
32.5°	6247.7	6205.4	6187.3	5656.1	4853.3	4364.3	4243.6	4666.1	5137.0	5722.5	6320.1
35°	6585.7	6525.4	6477.1	5867.4	5052.5	4509.2	4454.9	4847.2	5269.8	5909.6	6646.1
37.5°	6960.0	6960.0	6724.6	6024.3	5287.9	4744.6	4684.3	5106.8	5481.1	6024.3	7092.8
40°	7400.6	7418.7	7002.2	6235.6	5553.5	5118.9	5100.8	5444.8	5686.3	6193.4	7521.4
42.5°	7726.6	7738.7	7243.7	6314.1	5861.4	5638.0	5716.5	5988.1	5921.7	6344.3	7551.5
45°	7950.0	7889.6	7412.7	6537.4	6199.4	6416.7	6440.8	6519.3	6229.6	6434.8	7672.3
47.5°	8058.6	8046.5	7485.1	6797.0	6911.7	7207.5	7346.3	7237.7	6513.3	6338.2	7672.3
50°	8167.3	8064.6	7551.5	7153.1	7605.9	8203.5	8173.3	7974.1	6905.7	6459.0	7557.6
52.5°	8239.7	8149.2	7684.3	7473.1	8269.9	8946.0	9066.7	8698.5	7364.4	6682.3	7611.9
55°	8499.3	8426.8	8082.8	7907.7	9036.5	9730.7	9748.8	9235.7	7847.3	7050.5	7968.1
57.5°	8813.2	8855.4	8632.1	8523.4	9622.0	10304.2	10237.8	9634.1	8257.8	7497.2	8378.5
60°	9036.5	9102.9	9048.6	9060.7	9911.8	10497.3	10346.4	9881.6	8559.6	7835.3	8879.6
62.5°	8915.8	9048.6	9271.9	9223.6	9923.9	10358.5	10147.2	9555.6	8595.8	8275.9	9259.9
65°	8583.8	8595.8	9030.5	9296.1	9380.6	9640.1	9362.5	8873.5	8221.6	8547.6	9205.5
67.5°	7732.6	7829.2	8221.6	8740.7	8384.6	8444.9	8420.8	7714.5	7654.2	8360.4	8789.0
70°	6827.2	6893.6	7322.2	7931.8	7080.7	6797.0	6851.3	6326.2	6573.7	7780.9	7950.0
72.5°	5644.0	5686.3	6175.2	6712.5	5680.3	5173.2	5300.0	4871.4	5221.5	6809.1	6706.5
75°	4261.7	4340.2	4720.5	5354.3	4183.2	3857.3	3984.0	3809.0	4134.9	5607.8	5203.4
77.5°	3030.3	2969.9	3440.8	4189.3	3145.0	2951.8	2963.9	2994.1	3344.2	4726.5	3736.5
80°	2064.5	2082.6	2505.1	3072.5	2468.9	2438.7	2408.5	2650.0	2806.9	3742.6	2716.4
82.5°	1225.4	1225.4	1690.2	2185.2	1949.8	2197.3	2058.4	2275.7	2197.3	2752.6	1780.7
85°	573.5	573.5	869.2	1575.5	1509.1	1810.9	1539.3	1720.4	1623.8	1919.6	802.8
87.5°	96.6	84.5	175.1	772.7	621.8	706.3	277.7	917.5	1020.2	1340.1	199.2
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°	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2
2.5°	4485.1	4442.8	4358.3	4249.6	4159.1	4044.4	4008.2	3929.7	3821.0	3809.0	3760.7
5°	4225.5	4080.6	3899.5	3676.2	3525.3	3368.3	3235.5	3157.0	3066.5	3054.4	3030.3
7.5°	3941.8	3760.7	3458.9	3193.3	2933.7	2686.2	2565.5	2414.6	2311.9	2233.5	2197.3
10°	3676.2	3507.2	3132.9	2770.7	2541.3	2378.3	2233.5	2076.5	1949.8	1853.2	1817.0
12.5°	3501.1	3301.9	2897.5	2553.4	2384.4	2197.3	2034.3	1865.3	1702.3	1575.5	1509.1
15°	3422.6	3235.5	2825.0	2444.7	2197.3	1937.7	1750.6	1581.5	1382.3	1291.8	1261.6
17.5°	3609.8	3332.1	2800.9	2318.0	1967.9	1672.1	1442.7	1261.6	1116.7	1026.2	990.0
20°	3851.2	3507.2	2843.1	2167.1	1750.6	1418.6	1165.0	971.9	875.3	808.9	802.8
22.5°	4159.1	3766.7	2909.5	2058.4	1509.1	1140.9	911.5	796.8	730.4	724.4	712.3
25°	4708.4	4237.6	3018.2	1913.5	1315.9	941.7	778.7	712.3	682.1	664.0	676.1
27.5°	5179.2	4545.4	3096.7	1823.0	1237.5	887.4	754.6	682.1	651.9	645.9	651.9
30°	5456.9	4829.1	3072.5	1654.0	1080.5	845.1	802.8	778.7	718.3	670.0	670.0
32.5°	5710.4	5010.2	3066.5	1503.1	923.6	706.3	670.0	651.9	688.2	712.3	694.2
35°	6060.6	5293.9	3048.4	1418.6	857.2	651.9	591.6	543.3	519.1	507.1	525.2
37.5°	6434.8	5487.1	3000.1	1406.5	821.0	621.8	573.5	525.2	501.0	488.9	482.9
40°	6845.3	5692.3	2945.8	1346.1	802.8	603.6	555.3	513.1	482.9	464.8	458.8
42.5°	7110.9	5855.3	2891.4	1315.9	766.6	591.6	537.2	501.0	470.8	446.7	446.7
45°	7261.8	6048.5	2837.1	1285.8	724.4	597.6	537.2	488.9	452.7	440.7	428.6
47.5°	7328.2	6193.4	2819.0	1237.5	688.2	573.5	525.2	476.9	440.7	416.5	410.5
50°	7503.3	6501.2	2885.4	1201.2	645.9	549.3	555.3	470.8	434.6	404.4	398.4
52.5°	7605.9	6748.7	3030.3	1146.9	615.7	519.1	543.3	458.8	416.5	386.3	386.3
55°	7980.1	7159.2	3187.2	1104.7	579.5	476.9	501.0	434.6	386.3	368.2	368.2
57.5°	8457.0	7593.8	3320.0	1086.6	555.3	446.7	446.7	422.5	368.2	344.1	338.0
60°	8789.0	7950.0	3398.5	1074.5	531.2	416.5	398.4	422.5	350.1	326.0	319.9
62.5°	8825.2	7744.7	3320.0	1068.4	525.2	386.3	362.2	404.4	332.0	307.9	295.8
65°	8595.8	7328.2	3102.7	1044.3	519.1	356.1	338.0	350.1	307.9	289.7	277.7
67.5°	8137.1	6652.1	2788.8	1032.2	513.1	332.0	307.9	301.8	283.7	265.6	253.5
70°	7068.6	5770.8	2420.6	977.9	501.0	313.9	277.7	271.6	253.5	241.5	235.4
72.5°	5933.8	4720.5	1998.1	905.5	476.9	283.7	253.5	241.5	235.4	217.3	211.3
75°	4545.4	3633.9	1599.6	802.8	416.5	253.5	223.3	211.3	205.2	193.2	187.1
77.5°	3193.3	2704.3	1183.1	651.9	350.1	229.4	199.2	187.1	181.1	163.0	163.0
80°	2167.1	1895.4	802.8	452.7	271.6	187.1	175.1	163.0	150.9	138.8	138.8
82.5°	1346.1	1328.0	579.5	295.8	199.2	150.9	138.8	138.8	120.7	108.7	108.7
85°	615.7	814.9	404.4	205.2	150.9	114.7	114.7	108.7	96.6	78.5	78.5
87.5°	193.2	271.6	211.3	90.5	84.5	66.4	66.4	60.4	60.4	48.3	48.3
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°	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2
2.5°	3809.0	3802.9	3802.9	3778.8	3839.2	3839.2	3875.4	3845.2	3863.3	3869.3	3917.6
5°	3024.2	3072.5	3108.8	3181.2	3223.4	3241.6	3241.6	3289.8	3271.7	3308.0	3380.4
7.5°	2215.4	2275.7	2384.4	2474.9	2547.4	2571.5	2565.5	2577.5	2595.7	2553.4	2565.5
10°	1792.8	1750.6	1786.8	1871.3	1937.7	2016.2	1955.8	1949.8	1967.9	1949.8	1986.0
12.5°	1497.0	1448.7	1418.6	1418.6	1466.8	1503.1	1485.0	1515.1	1581.5	1599.6	1641.9
15°	1213.3	1171.1	1146.9	1116.7	1165.0	1177.1	1195.2	1237.5	1285.8	1309.9	1358.2
17.5°	971.9	971.9	971.9	947.7	965.8	983.9	990.0	1044.3	1050.3	1074.5	1092.6
20°	796.8	814.9	845.1	857.2	875.3	875.3	863.2	893.4	869.2	887.4	899.4
22.5°	718.3	742.5	754.6	760.6	784.7	790.8	760.6	766.6	772.7	754.6	760.6
25°	676.1	688.2	676.1	682.1	688.2	676.1	682.1	694.2	688.2	700.2	694.2
27.5°	658.0	645.9	639.9	633.8	633.8	621.8	627.8	627.8	639.9	645.9	645.9
30°	658.0	639.9	615.7	597.6	597.6	579.5	591.6	603.6	609.7	621.8	621.8
32.5°	676.1	639.9	597.6	579.5	561.4	549.3	561.4	579.5	603.6	609.7	615.7
35°	537.2	555.3	549.3	525.2	519.1	519.1	513.1	513.1	495.0	495.0	488.9
37.5°	482.9	476.9	488.9	495.0	501.0	482.9	482.9	458.8	452.7	458.8	458.8
40°	452.7	452.7	452.7	470.8	476.9	464.8	446.7	434.6	434.6	434.6	440.7
42.5°	440.7	428.6	422.5	434.6	452.7	440.7	422.5	416.5	416.5	422.5	422.5
45°	422.5	416.5	410.5	404.4	428.6	410.5	404.4	398.4	398.4	398.4	404.4
47.5°	404.4	398.4	386.3	386.3	392.4	386.3	380.3	380.3	380.3	392.4	392.4
50°	392.4	386.3	374.3	374.3	374.3	374.3	368.2	368.2	368.2	374.3	380.3
52.5°	374.3	368.2	362.2	356.1	356.1	356.1	356.1	356.1	356.1	362.2	368.2
55°	356.1	350.1	344.1	344.1	350.1	350.1	344.1	350.1	344.1	350.1	356.1
57.5°	338.0	332.0	326.0	332.0	338.0	332.0	332.0	332.0	332.0	332.0	338.0
60°	313.9	313.9	313.9	313.9	326.0	326.0	326.0	326.0	313.9	319.9	326.0
62.5°	301.8	295.8	295.8	301.8	307.9	307.9	313.9	307.9	301.8	307.9	307.9
65°	277.7	277.7	277.7	283.7	283.7	289.7	289.7	289.7	283.7	289.7	289.7
67.5°	259.6	259.6	259.6	259.6	271.6	271.6	271.6	271.6	265.6	265.6	271.6
70°	229.4	235.4	229.4	241.5	253.5	247.5	253.5	253.5	247.5	241.5	253.5
72.5°	211.3	211.3	211.3	211.3	229.4	229.4	229.4	235.4	229.4	223.3	229.4
75°	187.1	187.1	187.1	193.2	205.2	205.2	205.2	205.2	205.2	199.2	199.2
77.5°	163.0	169.0	163.0	169.0	181.1	175.1	181.1	187.1	181.1	175.1	175.1
80°	138.8	138.8	138.8	144.9	150.9	150.9	150.9	156.9	150.9	144.9	144.9
82.5°	108.7	108.7	114.7	114.7	120.7	120.7	120.7	126.8	120.7	114.7	114.7
85°	84.5	84.5	84.5	90.5	90.5	96.6	96.6	102.6	102.6	96.6	96.6
87.5°	54.3	48.3	54.3	54.3	60.4	60.4	54.3	48.3	54.3	48.3	42.3
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: P598996
 CATALOG NUMBER: IFLD-S-SA2D-750-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2	4346.2
2.5°	3965.9	4074.6	4153.1	4207.4	4285.9	4436.8	4497.1	4605.8	4636.0	4654.1
5°	3410.6	3525.3	3694.3	3815.0	3953.8	4237.6	4454.9	4617.9	4690.3	4756.7
7.5°	2674.1	2825.0	3000.1	3157.0	3386.4	3736.5	4020.2	4358.3	4485.1	4551.5
10°	2088.6	2227.4	2420.6	2613.8	2933.7	3229.5	3633.9	3941.8	4116.8	4165.1
12.5°	1762.6	1925.6	2155.0	2390.4	2589.6	2927.7	3338.1	3784.8	3947.8	3978.0
15°	1497.0	1720.4	1955.8	2197.3	2426.6	2722.4	3163.1	3706.4	3947.8	3978.0
17.5°	1237.5	1436.7	1714.3	1973.9	2239.5	2643.9	3193.3	3772.8	4014.2	4104.8
20°	983.9	1177.1	1394.4	1720.4	2082.6	2511.1	3259.7	3996.1	4316.0	4412.6
22.5°	814.9	899.4	1110.7	1424.6	1853.2	2420.6	3326.1	4346.2	4684.3	4720.5
25°	712.3	772.7	905.5	1201.2	1672.1	2360.2	3483.0	4750.7	5185.3	5185.3
27.5°	664.0	688.2	778.7	1044.3	1545.3	2305.9	3640.0	5197.3	5601.8	5686.3
30°	651.9	712.3	760.6	929.6	1406.5	2155.0	3784.8	5547.5	5964.0	5970.0
32.5°	639.9	627.8	664.0	808.9	1237.5	1998.1	3905.6	5903.6	6229.6	6247.7
35°	501.0	525.2	585.5	712.3	1110.7	1883.4	3965.9	6096.8	6567.6	6585.7
37.5°	470.8	501.0	549.3	658.0	1026.2	1786.8	3984.0	6471.0	6923.8	6960.0
40°	458.8	482.9	519.1	609.7	959.8	1666.0	4020.2	6857.4	7448.9	7400.6
42.5°	434.6	464.8	501.0	585.5	905.5	1575.5	4026.3	7068.6	7726.6	7726.6
45°	428.6	446.7	488.9	585.5	845.1	1497.0	3929.7	7279.9	8046.5	7950.0
47.5°	404.4	440.7	476.9	567.4	772.7	1418.6	3815.0	7388.6	8088.8	8058.6
50°	398.4	434.6	495.0	537.2	730.4	1382.3	3790.9	7660.2	8173.3	8167.3
52.5°	386.3	422.5	513.1	513.1	676.1	1334.0	3905.6	7780.9	8191.4	8239.7
55°	368.2	422.5	476.9	470.8	627.8	1273.7	4032.3	8094.8	8511.3	8499.3
57.5°	356.1	410.5	452.7	428.6	573.5	1231.4	4219.5	8396.6	8897.7	8813.2
60°	338.0	410.5	404.4	398.4	531.2	1195.2	4376.4	8457.0	8982.2	9036.5
62.5°	326.0	428.6	356.1	368.2	495.0	1177.1	4310.0	8004.3	8867.5	8915.8
65°	313.9	368.2	326.0	338.0	482.9	1140.9	4050.4	7461.0	8372.5	8583.8
67.5°	289.7	301.8	301.8	313.9	470.8	1056.4	3519.2	6483.1	7617.9	7732.6
70°	265.6	271.6	271.6	289.7	458.8	959.8	2903.5	5607.8	6609.9	6827.2
72.5°	241.5	241.5	241.5	265.6	422.5	881.3	2390.4	4310.0	5493.1	5644.0
75°	211.3	211.3	211.3	235.4	380.3	802.8	1883.4	3205.3	4044.4	4261.7
77.5°	187.1	187.1	181.1	211.3	332.0	651.9	1358.2	2263.7	2849.2	3030.3
80°	156.9	150.9	150.9	169.0	259.6	470.8	875.3	1599.6	1986.0	2064.5
82.5°	126.8	120.7	114.7	126.8	187.1	295.8	543.3	1116.7	1273.7	1225.4
85°	120.7	126.8	102.6	96.6	132.8	193.2	344.1	688.2	573.5	573.5
87.5°	48.3	42.3	42.3	36.2	66.4	72.4	150.9	126.8	96.6	96.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)