

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: P599538

Luminaire Tested: **IFLD-L-SA7D-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: P599538  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7D-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**

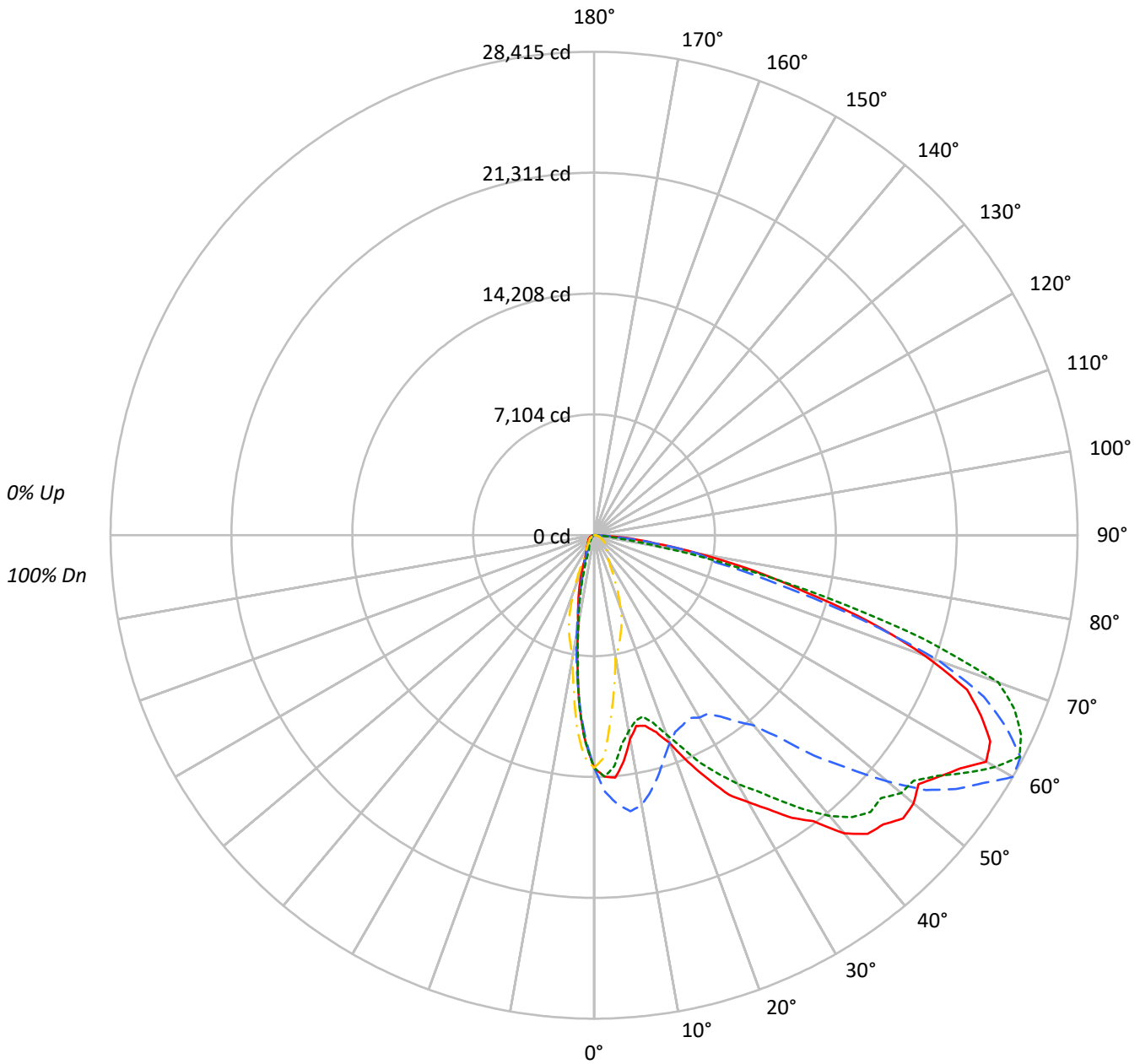
Lumens per Lamp: N/A  
 Luminaire Lumens: 36341.3 lumens  
 Efficiency: N/A  
 Efficacy: 86.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 422.6  
 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	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°	73540	73540	73540	73540
5°	77281	73558	53740	54054
10°	66454	63908	29381	28692
15°	64616	61426	19087	14383
20°	74480	71367	10227	5113
25°	93648	87596	6627	3976
30°	112478	104818	5368	3256
35°	133196	124971	4399	2614
40°	160703	151294	3887	1977
45°	182961	174984	3619	1330
50°	205250	197288	3575	812
55°	232111	231292	3552	364
60°	286428	293218	3238	104
65°	319594	352467	2966	0
70°	325882	397809	2749	0
75°	265165	293418	2624	0
80°	192798	122719	2706	0
85°	124651	51537	3594	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1038.0	2.9
10°-20°	2035.6	5.6
20°-30°	2816.9	7.8
30°-40°	3981.0	11.0
40°-50°	5420.2	14.9
50°-60°	7178.7	19.8
60°-70°	8335.0	22.9
70°-80°	4720.2	13.0
80°-90°	815.6	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°	5890.5	16.2
0°-40°	9871.5	27.2
0°-60°	22470.5	61.8
0°-90°	36341.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36341.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	13664	13664	13664	13664	13664	
5°	14305	13616	9947	10005	14305	1285
15°	11597	11024	3426	2581	11597	3401
25°	15770	14751	1116	670	15770	7355
35°	20273	19021	670	398	20273	12780
45°	24038	22990	476	175	24038	18637
55°	24737	24650	378	39	24737	22412
65°	25096	27678	233	0	25096	24464
75°	12752	14110	126	0	12752	13917
85°	2019	835	58	0	2019	2425
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°	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1
2.5°	14197.8	14498.7	14508.4	14644.2	14780.1	14780.1	15100.4	15022.7	14741.3	14692.8	14489.0
5°	14304.6	14411.3	14489.0	15178.0	15760.3	15702.0	15876.7	15760.3	15216.8	14518.1	14042.6
7.5°	13382.6	13499.1	13809.6	14983.9	15770.0	16032.0	16362.0	15634.1	15061.5	13799.9	12887.7
10°	12159.9	12383.1	12955.6	14294.9	15265.3	16099.9	16099.9	15517.7	14411.3	13178.8	12062.8
12.5°	11480.5	11927.0	12237.5	13596.1	14857.7	15430.3	15410.9	15100.4	14382.2	12829.5	11567.9
15°	11597.0	11723.2	12383.1	13440.9	14275.5	14246.4	14595.7	14498.7	13994.0	13140.0	11752.3
17.5°	12130.8	12324.8	12897.4	13440.9	13838.8	13722.3	13712.6	14178.4	14207.5	13664.1	12441.3
20°	13004.2	13576.7	13848.5	14013.4	13528.2	13033.3	12975.1	13625.3	14129.9	14333.7	13266.2
22.5°	14401.6	14780.1	15333.3	14489.0	13227.4	12606.3	12489.8	13208.0	14226.9	15129.5	14333.7
25°	15770.0	16061.1	16594.9	15508.0	13567.0	12518.9	12315.1	12936.2	14595.7	16235.8	15624.4
27.5°	17216.0	17468.3	17526.5	16255.2	13751.4	12344.3	12101.6	12936.2	14906.3	16818.1	17167.4
30°	18099.1	18399.9	18458.2	16915.1	14052.3	12489.8	12373.4	12994.5	15119.8	17313.0	18273.8
32.5°	19089.0	19166.6	19118.1	17031.6	14382.2	12916.8	12431.6	13382.6	15362.4	17905.0	19283.0
35°	20272.9	20408.8	19913.8	17565.3	15119.8	13188.6	13013.9	13858.2	15779.7	18176.7	20505.8
37.5°	21175.4	21602.4	20486.4	17769.1	15265.3	13761.1	13790.2	14848.0	16070.8	18506.7	21854.8
40°	22873.7	22155.6	21456.9	18467.9	15818.5	14731.6	14576.3	15867.0	17051.0	18720.2	22737.9
42.5°	23805.4	23426.9	21835.4	18535.8	16672.5	16070.8	16109.6	17021.9	17565.3	19321.9	22980.5
45°	24038.3	23640.4	22349.7	18584.3	17516.8	17652.7	18322.3	18497.0	18322.3	19719.7	23436.6
47.5°	24630.3	23766.6	22291.5	19234.5	18885.2	19409.2	20263.2	20641.7	19351.0	19574.2	23650.1
50°	24513.8	24018.9	22165.3	19506.2	20554.3	21942.1	22514.7	22359.4	20496.1	19273.3	23417.2
52.5°	24028.6	23494.8	22553.5	20243.8	22116.8	23795.7	24591.5	24203.3	21515.1	19952.7	23261.9
55°	24737.0	24329.4	23058.1	21243.4	23291.0	25426.1	25988.9	25697.8	22767.0	20583.5	24145.0
57.5°	25503.7	25416.4	24426.5	22417.6	24678.8	27105.0	27105.0	26745.9	23853.9	21495.7	25455.2
60°	26610.0	26804.1	25435.8	23194.0	25154.3	27007.9	28415.1	27997.8	24950.5	23097.0	26940.0
62.5°	26250.9	26872.0	26736.2	24863.2	25697.8	27483.4	28250.1	28560.6	26309.2	25047.6	28919.7
65°	25096.1	25756.0	26726.5	25959.8	25290.2	26328.6	26716.8	27658.1	26988.5	26881.7	29734.9
67.5°	23718.0	24436.2	25037.9	26697.4	24465.3	25154.3	24814.7	25115.5	26250.9	28890.6	30200.7
70°	20709.6	21398.6	22349.7	25057.3	22281.8	21660.7	21573.3	21427.8	23194.0	28172.5	28085.1
72.5°	17031.6	17351.8	18924.0	20370.0	16488.1	16371.7	16507.5	16342.5	18390.2	25503.7	24057.7
75°	12751.8	13072.1	13964.9	15643.8	11228.2	10558.6	11335.0	12101.6	14042.6	19797.4	17283.9
77.5°	9588.1	9995.7	10558.6	11703.7	8239.2	7191.1	7297.9	8025.7	10151.0	15857.3	9685.2
80°	6220.6	6172.1	7259.0	8054.8	6201.2	6395.3	6123.6	6657.4	7356.1	8481.8	4949.3
82.5°	3590.7	3639.2	4095.3	4619.4	4318.5	4939.6	3561.6	5948.9	5250.2	3454.8	1843.9
85°	2018.6	2105.9	2523.2	3202.5	2707.6	1814.8	1484.8	2950.2	3299.6	1416.9	892.8
87.5°	203.8	174.7	339.7	1213.1	737.5	300.8	446.4	708.4	795.8	533.8	262.0
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: P599538  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1
2.5°	14197.8	14197.8	13955.2	13547.6	13382.6	13091.5	12693.6	12819.8	12683.9	12189.0	12062.8
5°	13615.6	13149.7	12645.1	12024.0	11664.9	10927.4	10694.5	10277.2	10345.1	9927.8	9947.2
7.5°	12402.5	12033.7	11179.7	10364.5	9656.1	9015.6	8113.0	7773.4	7443.4	7278.5	7472.5
10°	11694.0	11005.0	9840.5	8773.0	7831.6	7259.0	6657.4	6191.5	5764.5	5444.3	5376.3
12.5°	11179.7	10568.3	9161.1	7860.7	7123.2	6657.4	6104.2	5463.7	5046.4	4493.2	4328.3
15°	11024.4	10277.2	8792.4	7501.7	6783.5	6016.9	5386.1	4755.3	4211.8	3629.5	3425.7
17.5°	11558.2	10694.5	8782.7	7210.5	6201.2	5376.3	4502.9	3794.5	3241.3	2707.6	2581.4
20°	12460.7	11140.9	9064.1	7035.8	5648.1	4541.8	3551.9	2843.4	2222.4	1873.0	1785.6
22.5°	13489.4	11897.8	9093.2	6570.0	5094.9	3707.2	2591.1	1873.0	1523.6	1358.6	1310.1
25°	14751.0	13110.9	9442.6	6191.5	4444.7	2814.3	1843.9	1436.3	1232.5	1135.4	1116.0
27.5°	15789.4	13955.2	9821.1	5793.6	3804.2	2086.5	1446.0	1174.3	1067.5	970.5	960.8
30°	16866.6	14925.7	9927.8	5551.0	3251.0	1717.7	1242.2	1038.4	921.9	873.4	863.7
32.5°	17807.9	15983.5	10267.5	5153.1	2727.0	1513.9	1125.7	931.6	854.0	776.4	766.7
35°	19021.0	16594.9	10432.4	4939.6	2532.9	1368.3	1028.7	854.0	737.5	689.0	669.6
37.5°	20321.4	17186.8	10539.2	4774.7	2367.9	1281.0	970.5	805.5	698.7	630.8	611.4
40°	21534.5	18021.4	10383.9	4570.9	2241.8	1174.3	931.6	747.3	650.2	582.3	553.2
42.5°	22466.2	18836.6	10335.4	4376.8	2105.9	1135.4	883.1	718.1	611.4	533.8	524.0
45°	22990.2	19389.8	9995.7	4221.5	1999.1	1154.8	863.7	679.3	582.3	514.3	475.5
47.5°	22864.0	19816.8	10083.1	4173.0	1853.6	1077.2	854.0	650.2	533.8	475.5	446.4
50°	23562.8	20680.5	9937.5	4017.7	1746.8	970.5	931.6	650.2	524.0	456.1	427.0
52.5°	23679.2	21466.6	10248.1	3736.3	1581.8	892.8	921.9	640.5	504.6	436.7	397.9
55°	24649.7	22378.8	10849.7	3581.0	1446.0	776.4	844.3	621.1	456.1	397.9	378.5
57.5°	25969.5	24271.2	11237.9	3435.4	1261.6	679.3	708.4	611.4	417.3	368.8	339.7
60°	27240.8	25028.2	11267.0	3173.4	1086.9	611.4	553.2	611.4	388.2	330.0	300.8
62.5°	28191.9	25028.2	11072.9	2950.2	951.1	543.5	485.2	582.3	349.4	291.1	271.7
65°	27677.5	24358.5	10568.3	2765.8	863.7	475.5	417.3	446.4	310.5	252.3	232.9
67.5°	26755.6	22272.1	9452.3	2542.6	854.0	417.3	359.1	330.0	271.7	223.2	203.8
70°	25280.5	19457.7	7870.4	2290.3	834.6	378.5	320.3	281.4	242.6	194.1	174.7
72.5°	20370.0	16070.8	6463.3	2144.7	815.2	330.0	271.7	242.6	203.8	165.0	145.6
75°	14110.5	10267.5	4978.5	1834.2	795.8	300.8	252.3	213.5	174.7	135.9	126.2
77.5°	8462.4	6861.2	3212.2	1378.1	524.0	242.6	213.5	165.0	145.6	116.5	106.8
80°	3959.5	3241.3	1300.4	533.8	252.3	174.7	145.6	126.2	116.5	97.0	87.3
82.5°	1552.7	1368.3	630.8	310.5	203.8	135.9	116.5	106.8	97.0	77.6	67.9
85°	834.6	737.5	300.8	213.5	145.6	97.0	97.0	87.3	77.6	67.9	58.2
87.5°	184.4	135.9	126.2	126.2	106.8	77.6	77.6	67.9	58.2	48.5	38.8
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°	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1
2.5°	11994.9	12140.5	11907.5	12053.1	11849.3	12004.6	12024.0	11878.4	11917.3	12111.3	12198.7
5°	10218.9	10121.9	9908.4	9840.5	9850.2	9724.0	9772.5	9840.5	9947.2	10005.4	10180.1
7.5°	7365.8	7589.0	7579.3	7744.3	7754.0	7734.6	7598.7	7307.6	7404.6	7327.0	7424.0
10°	5269.6	5366.6	5551.0	5657.8	5851.9	5745.1	5434.6	5318.1	5259.9	5250.2	5347.2
12.5°	4211.8	3978.9	3959.5	3998.3	4095.3	3969.2	3813.9	3678.0	3746.0	3881.8	3988.6
15°	3260.7	3066.7	2814.3	2775.5	2794.9	2736.7	2571.7	2397.0	2445.6	2581.4	2659.1
17.5°	2503.8	2280.6	2105.9	1989.4	1950.6	1746.8	1504.2	1358.6	1319.8	1310.1	1378.1
20°	1688.6	1649.8	1620.7	1475.1	1475.1	1184.0	980.2	873.4	873.4	892.8	902.5
22.5°	1261.6	1213.1	1222.8	1193.7	1116.0	883.1	776.4	747.3	747.3	766.7	766.7
25°	1096.6	1028.7	1009.3	999.6	921.9	757.0	679.3	650.2	650.2	669.6	669.6
27.5°	931.6	912.2	883.1	844.3	776.4	650.2	601.7	572.6	582.3	592.0	582.3
30°	854.0	805.5	766.7	766.7	689.0	582.3	543.5	524.0	504.6	524.0	533.8
32.5°	757.0	727.8	708.4	679.3	592.0	514.3	475.5	456.1	446.4	446.4	456.1
35°	650.2	650.2	630.8	592.0	514.3	465.8	417.3	397.9	388.2	397.9	397.9
37.5°	582.3	553.2	562.9	524.0	456.1	407.6	359.1	339.7	339.7	330.0	339.7
40°	543.5	494.9	465.8	446.4	407.6	349.4	310.5	291.1	281.4	281.4	281.4
42.5°	485.2	446.4	388.2	378.5	368.8	300.8	252.3	242.6	232.9	223.2	223.2
45°	456.1	397.9	349.4	300.8	300.8	252.3	213.5	194.1	184.4	174.7	184.4
47.5°	417.3	359.1	300.8	252.3	242.6	203.8	165.0	145.6	135.9	135.9	135.9
50°	397.9	320.3	262.0	213.5	184.4	165.0	126.2	106.8	97.0	97.0	97.0
52.5°	368.8	300.8	232.9	184.4	145.6	126.2	97.0	77.6	67.9	67.9	67.9
55°	330.0	271.7	203.8	155.3	126.2	97.0	67.9	48.5	38.8	38.8	38.8
57.5°	310.5	242.6	174.7	135.9	97.0	67.9	38.8	29.1	29.1	19.4	29.1
60°	281.4	213.5	145.6	106.8	77.6	48.5	29.1	9.7	9.7	9.7	9.7
62.5°	242.6	184.4	126.2	87.3	58.2	29.1	9.7	0.0	0.0	0.0	0.0
65°	203.8	145.6	97.0	67.9	38.8	9.7	0.0	0.0	0.0	0.0	0.0
67.5°	174.7	126.2	77.6	48.5	29.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	155.3	106.8	58.2	38.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	126.2	87.3	48.5	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	106.8	67.9	29.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	87.3	48.5	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	67.9	38.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	58.2	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	38.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.1	9.7	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: P599538  
 CATALOG NUMBER: IFLD-L-SA7D-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1	13664.1
2.5°	12324.8	12266.6	12557.8	13033.3	13275.9	13751.4	13867.9	14168.7	14091.1	14197.8
5°	10199.5	10316.0	10743.0	11441.7	11694.0	12383.1	13033.3	13683.5	14100.8	14304.6
7.5°	7569.6	7957.8	8481.8	9122.3	9772.5	10675.1	11781.4	12538.3	12945.9	13382.6
10°	5638.4	6055.7	6657.4	7288.2	8346.0	9355.2	10461.6	11402.9	11752.3	12159.9
12.5°	4435.0	5085.2	5783.9	6463.3	7094.1	8054.8	9423.2	10791.5	11170.0	11480.5
15°	3086.1	3881.8	4881.4	5764.5	6647.7	7482.2	8899.1	10558.6	11072.9	11597.0
17.5°	1708.0	2338.8	3484.0	4726.1	6026.6	7307.6	9073.8	10985.6	11762.0	12130.8
20°	989.9	1242.2	2057.4	3532.5	5250.2	6929.1	9161.1	11791.1	12819.8	13004.2
22.5°	815.2	902.5	1164.6	2212.6	4299.1	6686.5	9607.6	12916.8	13964.9	14401.6
25°	698.7	766.7	902.5	1329.5	3251.0	6172.1	9889.0	14324.0	15294.5	15770.0
27.5°	621.1	689.0	795.8	980.2	2212.6	5463.7	10354.8	15595.3	16565.8	17216.0
30°	543.5	601.7	708.4	834.6	1533.3	4667.9	10752.7	16526.9	17895.3	18099.1
32.5°	485.2	533.8	611.4	718.1	1135.4	3542.2	11072.9	17487.7	18642.5	19089.0
35°	417.3	475.5	524.0	611.4	863.7	2668.8	10878.9	18234.9	19739.2	20272.9
37.5°	368.8	407.6	456.1	514.3	727.8	2086.5	10481.0	19127.8	20680.5	21175.4
40°	310.5	339.7	397.9	456.1	659.9	1611.0	10024.9	20205.0	22000.3	22873.7
42.5°	262.0	291.1	330.0	427.0	543.5	1193.7	9102.9	21039.6	23067.8	23805.4
45°	203.8	242.6	300.8	427.0	436.7	883.1	8151.9	21660.7	23669.5	24038.3
47.5°	155.3	194.1	291.1	368.8	349.4	611.4	7026.1	22369.1	24290.6	24630.3
50°	116.5	155.3	330.0	320.3	291.1	465.8	6317.7	22864.0	24329.4	24513.8
52.5°	77.6	116.5	271.7	242.6	242.6	407.6	6123.6	22844.6	24426.5	24028.6
55°	58.2	87.3	155.3	174.7	213.5	359.1	5948.9	23572.5	24455.6	24737.0
57.5°	38.8	67.9	106.8	135.9	184.4	310.5	5589.9	24445.9	25358.1	25503.7
60°	19.4	48.5	77.6	106.8	155.3	271.7	5085.2	25086.4	26454.7	26610.0
62.5°	9.7	29.1	58.2	87.3	126.2	213.5	4561.2	24067.4	25979.2	26250.9
65°	0.0	19.4	38.8	58.2	77.6	155.3	3707.2	21728.6	24096.5	25096.1
67.5°	0.0	0.0	19.4	38.8	48.5	116.5	2794.9	19768.3	22359.4	23718.0
70°	0.0	0.0	9.7	9.7	29.1	87.3	1785.6	16371.7	19962.4	20709.6
72.5°	0.0	0.0	0.0	0.0	9.7	58.2	1038.4	12159.9	15643.8	17031.6
75°	0.0	0.0	0.0	0.0	0.0	48.5	524.0	7821.9	10888.6	12751.8
77.5°	0.0	0.0	0.0	0.0	0.0	38.8	281.4	5046.4	8025.7	9588.1
80°	0.0	0.0	0.0	0.0	0.0	9.7	165.0	2930.8	5133.7	6220.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	67.9	1436.3	3066.7	3590.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	19.4	766.7	1533.3	2018.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	106.8	203.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)