

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: P599543

Luminaire Tested: **IFLD-L-SA8D-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: P599543  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8D-750-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (128) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

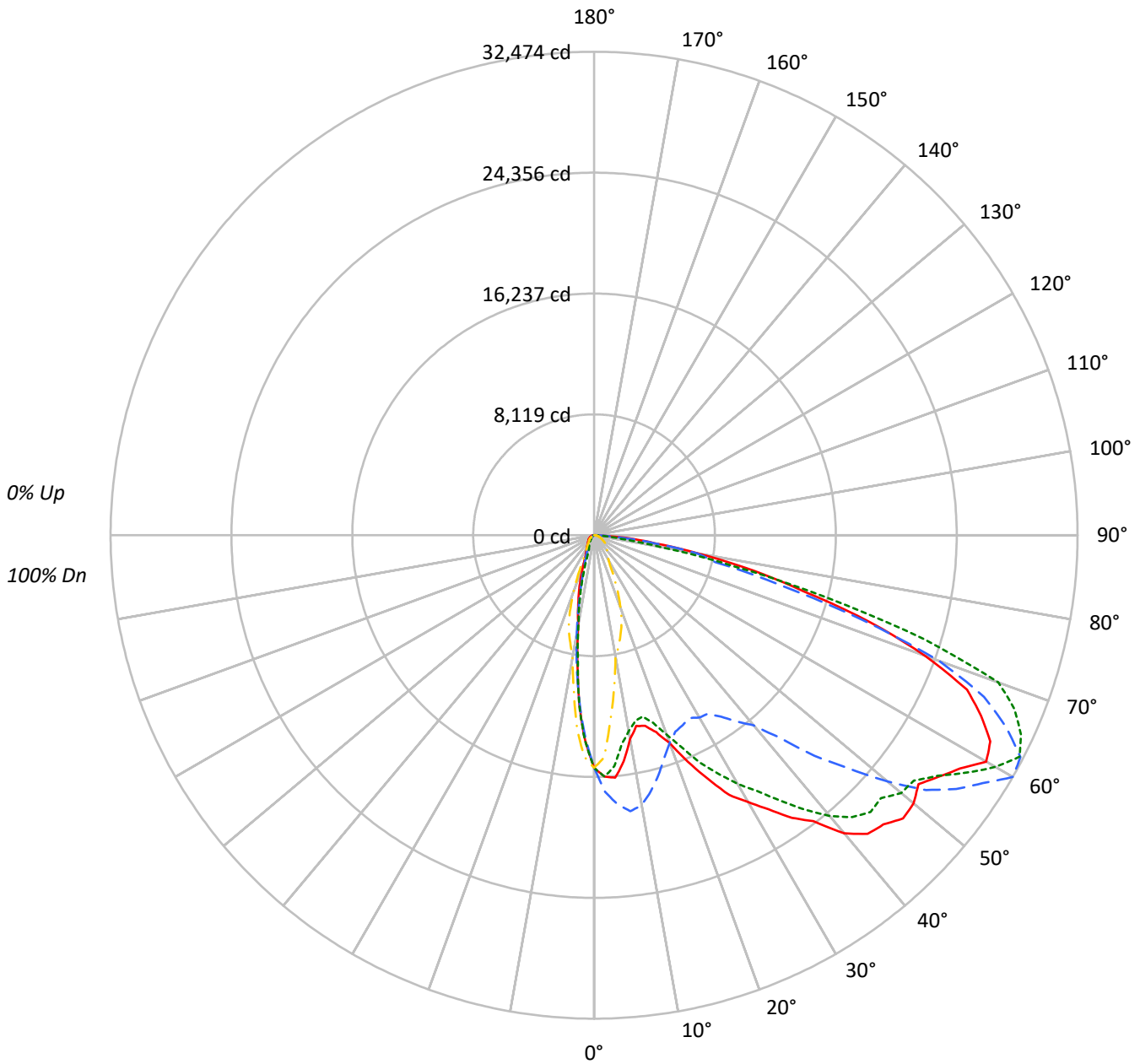
Lumens per Lamp: N/A  
 Luminaire Lumens: 41533.0 lumens  
 Efficiency: N/A  
 Efficacy: 85.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 488.3  
 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°

TEST NUMBER: P599543  
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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°	84045	84045	84045	84045
5°	88321	84067	61417	61777
10°	75947	73038	33579	32791
15°	73847	70201	21814	16438
20°	85119	81562	11688	5844
25°	107026	100110	7574	4545
30°	128546	119793	6134	3722
35°	152225	142825	5028	2987
40°	183661	172907	4442	2259
45°	209099	199982	4137	1519
50°	234573	225471	4086	929
55°	265271	264334	4058	417
60°	327347	335107	3701	119
65°	365251	402821	3390	0
70°	372438	454640	3141	0
75°	303048	335335	2999	0
80°	220342	140248	3093	0
85°	142453	58898	4106	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1186.3	2.9
10°-20°	2326.4	5.6
20°-30°	3219.3	7.8
30°-40°	4549.7	11.0
40°-50°	6194.5	14.9
50°-60°	8204.3	19.8
60°-70°	9525.8	22.9
70°-80°	5394.5	13.0
80°-90°	932.1	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°	6732.1	16.2
0°-40°	11281.8	27.2
0°-60°	25680.6	61.8
0°-90°	41533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	41533.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	15616	15616	15616	15616	15616	
5°	16348	15561	11368	11435	16348	1468
15°	13254	12599	3915	2950	13254	3887
25°	18023	16858	1276	765	18023	8406
35°	23169	21738	765	455	23169	14606
45°	27472	26275	544	200	27472	21299
55°	28271	28171	432	44	28271	25614
65°	28681	31632	266	0	28681	27959
75°	14574	16126	144	0	14574	15906
85°	2307	954	66	0	2307	2772
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°	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1
2.5°	16226.1	16570.0	16581.0	16736.3	16891.6	16891.6	17257.6	17168.9	16847.2	16791.8	16558.9
5°	16348.1	16470.1	16558.9	17346.3	18011.8	17945.2	18144.9	18011.8	17390.7	16592.1	16048.7
7.5°	15294.5	15427.6	15782.5	17124.5	18022.9	18322.3	18699.4	17867.6	17213.2	15771.4	14728.8
10°	13897.0	14152.1	14806.5	16337.0	17446.1	18400.0	18400.0	17734.5	16470.1	15061.6	13786.1
12.5°	13120.7	13630.8	13985.8	15538.5	16980.3	17634.7	17612.5	17257.6	16436.9	14662.3	13220.5
15°	13253.7	13397.9	14152.1	15361.0	16314.9	16281.6	16680.9	16570.0	15993.2	15017.2	13431.2
17.5°	13863.8	14085.6	14739.9	15361.0	15815.8	15682.7	15671.6	16204.0	16237.2	15616.1	14218.7
20°	14861.9	15516.3	15826.9	16015.4	15460.9	14895.2	14828.7	15571.8	16148.5	16381.4	15161.4
22.5°	16459.0	16891.6	17523.8	16558.9	15117.0	14407.2	14274.1	15094.9	16259.4	17290.9	16381.4
25°	18022.9	18355.6	18965.6	17723.4	15505.2	14307.4	14074.5	14784.3	16680.9	18555.2	17856.5
27.5°	19675.4	19963.8	20030.3	18577.4	15715.9	14107.8	13830.5	14784.3	17035.8	19220.7	19620.0
30°	20684.7	21028.5	21095.1	19331.6	16059.8	14274.1	14141.0	14850.8	17279.8	19786.3	20884.4
32.5°	21816.0	21904.7	21849.3	19464.7	16436.9	14762.1	14207.6	15294.5	17557.1	20462.9	22037.8
35°	23169.1	23324.4	22758.7	20074.7	17279.8	15072.7	14873.0	15837.9	18034.0	20773.4	23435.3
37.5°	24200.6	24688.6	23413.1	20307.6	17446.1	15727.0	15760.3	16969.2	18366.7	21150.5	24976.9
40°	26141.5	25320.8	24522.2	21106.2	18078.3	16836.1	16658.7	18133.8	19486.9	21394.5	25986.2
42.5°	27206.2	26773.7	24954.8	21183.8	19054.3	18366.7	18411.1	19453.6	20074.7	22082.2	26263.5
45°	27472.4	27017.7	25542.6	21239.3	20019.3	20174.5	20939.8	21139.4	20939.8	22536.9	26784.8
47.5°	28149.0	27161.9	25476.0	21982.4	21583.1	22182.0	23158.0	23590.6	22115.5	22370.5	27028.8
50°	28015.9	27450.2	25331.8	22292.9	23490.7	25076.8	25731.1	25553.7	23424.2	22026.7	26762.6
52.5°	27461.3	26851.3	25775.5	23135.8	25276.4	27195.1	28104.6	27661.0	24588.7	22803.1	26585.1
55°	28271.0	27805.1	26352.2	24278.2	26618.4	29058.4	29701.7	29369.0	26019.5	23524.0	27594.4
57.5°	29147.1	29047.3	27916.0	25620.2	28204.4	30977.2	30977.2	30566.8	27261.7	24566.6	29091.7
60°	30411.5	30633.3	29069.5	26507.5	28747.9	30866.3	32474.4	31997.5	28515.0	26396.6	30788.6
62.5°	30001.2	30711.0	30555.7	28415.1	29369.0	31409.7	32285.9	32640.8	30067.7	28625.9	33051.2
65°	28681.3	29435.5	30544.6	29668.4	28903.1	30089.9	30533.5	31609.4	30844.1	30722.1	33982.8
67.5°	27106.4	27927.1	28614.8	30511.3	27960.4	28747.9	28359.7	28703.5	30001.2	33017.9	34515.2
70°	23668.2	24455.7	25542.6	28637.0	25464.9	24755.1	24655.3	24488.9	26507.5	32197.2	32097.4
72.5°	19464.7	19830.7	21627.5	23280.0	18843.6	18710.5	18865.8	18677.2	21017.4	29147.1	27494.6
75°	14573.6	14939.6	15959.9	17878.7	12832.3	12067.0	12954.3	13830.5	16048.7	22625.6	19753.1
77.5°	10957.9	11423.7	12067.0	13375.7	9416.3	8218.4	8340.4	9172.3	11601.2	18122.7	11068.8
80°	7109.3	7053.9	8296.1	9205.5	7087.1	7309.0	6998.4	7608.4	8407.0	9693.5	5656.4
82.5°	4103.7	4159.1	4680.4	5279.3	4935.5	5645.3	4070.4	6798.8	6000.2	3948.4	2107.3
85°	2306.9	2406.7	2883.7	3660.0	3094.4	2074.0	1696.9	3371.7	3770.9	1619.3	1020.4
87.5°	232.9	199.6	388.2	1386.4	842.9	343.8	510.2	809.6	909.5	610.0	299.5
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: P599543  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1
2.5°	16226.1	16226.1	15948.9	15483.0	15294.5	14961.8	14507.0	14651.2	14495.9	13930.3	13786.1
5°	15560.7	15028.3	14451.6	13741.7	13331.4	12488.5	12222.3	11745.4	11823.0	11346.1	11368.3
7.5°	14174.3	13752.8	12776.8	11845.2	11035.5	10303.5	9272.1	8883.9	8506.8	8318.3	8540.1
10°	13364.7	12577.2	11246.3	10026.3	8950.4	8296.1	7608.4	7076.1	6588.1	6222.1	6144.4
12.5°	12776.8	12078.1	10469.9	8983.7	8140.8	7608.4	6976.2	6244.2	5767.3	5135.1	4946.6
15°	12599.4	11745.4	10048.4	8573.3	7752.6	6876.4	6155.5	5434.6	4813.5	4148.0	3915.1
17.5°	13209.4	12222.3	10037.4	8240.6	7087.1	6144.4	5146.2	4336.6	3704.4	3094.4	2950.2
20°	14240.8	12732.5	10359.0	8041.0	6455.0	5190.6	4059.3	3249.7	2539.8	2140.6	2040.7
22.5°	15416.5	13597.6	10392.3	7508.6	5822.8	4236.8	2961.3	2140.6	1741.3	1552.7	1497.3
25°	16858.3	14983.9	10791.5	7076.1	5079.7	3216.4	2107.3	1641.5	1408.6	1297.6	1275.5
27.5°	18045.1	15948.9	11224.1	6621.3	4347.7	2384.6	1652.6	1342.0	1220.0	1109.1	1098.0
30°	19276.2	17058.0	11346.1	6344.1	3715.5	1963.1	1419.6	1186.7	1053.6	998.2	987.1
32.5°	20352.0	18266.9	11734.3	5889.3	3116.6	1730.2	1286.6	1064.7	976.0	887.3	876.2
35°	21738.4	18965.6	11922.8	5645.3	2894.8	1563.8	1175.6	976.0	842.9	787.5	765.3
37.5°	23224.6	19642.2	12044.8	5456.8	2706.2	1464.0	1109.1	920.6	798.6	720.9	698.7
40°	24610.9	20596.0	11867.4	5223.9	2562.0	1342.0	1064.7	854.0	743.1	665.5	632.2
42.5°	25675.7	21527.6	11811.9	5002.0	2406.7	1297.6	1009.3	820.7	698.7	610.0	598.9
45°	26274.6	22159.8	11423.7	4824.6	2284.7	1319.8	987.1	776.4	665.5	587.8	543.5
47.5°	26130.4	22647.8	11523.5	4769.1	2118.4	1231.1	976.0	743.1	610.0	543.5	510.2
50°	26928.9	23634.9	11357.2	4591.7	1996.4	1109.1	1064.7	743.1	598.9	521.3	488.0
52.5°	27062.0	24533.3	11712.1	4270.0	1807.8	1020.4	1053.6	732.0	576.7	499.1	454.7
55°	28171.1	25575.8	12399.7	4092.6	1652.6	887.3	964.9	709.8	521.3	454.7	432.5
57.5°	29679.5	27738.6	12843.4	3926.2	1441.8	776.4	809.6	698.7	476.9	421.5	388.2
60°	31132.4	28603.7	12876.7	3626.8	1242.2	698.7	632.2	698.7	443.6	377.1	343.8
62.5°	32219.4	28603.7	12654.8	3371.7	1086.9	621.1	554.6	665.5	399.3	332.7	310.5
65°	31631.5	27838.4	12078.1	3160.9	987.1	543.5	476.9	510.2	354.9	288.4	266.2
67.5°	30577.9	25453.8	10802.6	2905.8	976.0	476.9	410.4	377.1	310.5	255.1	232.9
70°	28892.1	22237.5	8994.8	2617.5	953.8	432.5	366.0	321.6	277.3	221.8	199.6
72.5°	23280.0	18366.7	7386.6	2451.1	931.6	377.1	310.5	277.3	232.9	188.5	166.4
75°	16126.3	11734.3	5689.7	2096.2	909.5	343.8	288.4	244.0	199.6	155.3	144.2
77.5°	9671.4	7841.3	3671.1	1574.9	598.9	277.3	244.0	188.5	166.4	133.1	122.0
80°	4525.1	3704.4	1486.2	610.0	288.4	199.6	166.4	144.2	133.1	110.9	99.8
82.5°	1774.6	1563.8	720.9	354.9	232.9	155.3	133.1	122.0	110.9	88.7	77.6
85°	953.8	842.9	343.8	244.0	166.4	110.9	110.9	99.8	88.7	77.6	66.5
87.5°	210.7	155.3	144.2	144.2	122.0	88.7	88.7	77.6	66.5	55.5	44.4
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°	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1
2.5°	13708.5	13874.8	13608.7	13775.0	13542.1	13719.6	13741.7	13575.4	13619.7	13841.6	13941.4
5°	11678.8	11567.9	11323.9	11246.3	11257.4	11113.2	11168.6	11246.3	11368.3	11434.8	11634.5
7.5°	8418.1	8673.2	8662.1	8850.6	8861.7	8839.5	8684.3	8351.5	8462.4	8373.7	8484.6
10°	6022.4	6133.3	6344.1	6466.1	6687.9	6565.9	6211.0	6077.9	6011.3	6000.2	6111.1
12.5°	4813.5	4547.3	4525.1	4569.5	4680.4	4536.2	4358.8	4203.5	4281.1	4436.4	4558.4
15°	3726.6	3504.8	3216.4	3172.0	3194.2	3127.7	2939.1	2739.5	2794.9	2950.2	3038.9
17.5°	2861.5	2606.4	2406.7	2273.7	2229.3	1996.4	1719.1	1552.7	1508.4	1497.3	1574.9
20°	1929.8	1885.5	1852.2	1685.8	1685.8	1353.1	1120.2	998.2	998.2	1020.4	1031.5
22.5°	1441.8	1386.4	1397.5	1364.2	1275.5	1009.3	887.3	854.0	854.0	876.2	876.2
25°	1253.3	1175.6	1153.5	1142.4	1053.6	865.1	776.4	743.1	743.1	765.3	765.3
27.5°	1064.7	1042.6	1009.3	964.9	887.3	743.1	687.6	654.4	665.5	676.6	665.5
30°	976.0	920.6	876.2	876.2	787.5	665.5	621.1	598.9	576.7	598.9	610.0
32.5°	865.1	831.8	809.6	776.4	676.6	587.8	543.5	521.3	510.2	510.2	521.3
35°	743.1	743.1	720.9	676.6	587.8	532.4	476.9	454.7	443.6	454.7	454.7
37.5°	665.5	632.2	643.3	598.9	521.3	465.8	410.4	388.2	388.2	377.1	388.2
40°	621.1	565.6	532.4	510.2	465.8	399.3	354.9	332.7	321.6	321.6	321.6
42.5°	554.6	510.2	443.6	432.5	421.5	343.8	288.4	277.3	266.2	255.1	255.1
45°	521.3	454.7	399.3	343.8	343.8	288.4	244.0	221.8	210.7	199.6	210.7
47.5°	476.9	410.4	343.8	288.4	277.3	232.9	188.5	166.4	155.3	155.3	155.3
50°	454.7	366.0	299.5	244.0	210.7	188.5	144.2	122.0	110.9	110.9	110.9
52.5°	421.5	343.8	266.2	210.7	166.4	144.2	110.9	88.7	77.6	77.6	77.6
55°	377.1	310.5	232.9	177.5	144.2	110.9	77.6	55.5	44.4	44.4	44.4
57.5°	354.9	277.3	199.6	155.3	110.9	77.6	44.4	33.3	33.3	22.2	33.3
60°	321.6	244.0	166.4	122.0	88.7	55.5	33.3	11.1	11.1	11.1	11.1
62.5°	277.3	210.7	144.2	99.8	66.5	33.3	11.1	0.0	0.0	0.0	0.0
65°	232.9	166.4	110.9	77.6	44.4	11.1	0.0	0.0	0.0	0.0	0.0
67.5°	199.6	144.2	88.7	55.5	33.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	177.5	122.0	66.5	44.4	11.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	144.2	99.8	55.5	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	122.0	77.6	33.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	99.8	55.5	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	77.6	44.4	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	66.5	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	44.4	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.3	11.1	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: P599543  
 CATALOG NUMBER: IFLD-L-SA8D-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1	15616.1
2.5°	14085.6	14019.0	14351.8	14895.2	15172.5	15715.9	15849.0	16192.9	16104.1	16226.1
5°	11656.6	11789.7	12277.7	13076.3	13364.7	14152.1	14895.2	15638.3	16115.2	16348.1
7.5°	8651.0	9094.6	9693.5	10425.5	11168.6	12200.1	13464.5	14329.6	14795.4	15294.5
10°	6443.9	6920.8	7608.4	8329.3	9538.3	10691.7	11956.1	13031.9	13431.2	13897.0
12.5°	5068.6	5811.7	6610.2	7386.6	8107.5	9205.5	10769.4	12333.2	12765.7	13120.7
15°	3526.9	4436.4	5578.8	6588.1	7597.3	8551.2	10170.4	12067.0	12654.8	13253.7
17.5°	1952.0	2672.9	3981.7	5401.3	6887.5	8351.5	10370.1	12555.0	13442.3	13863.8
20°	1131.3	1419.6	2351.3	4037.1	6000.2	7919.0	10469.9	13475.6	14651.2	14861.9
22.5°	931.6	1031.5	1330.9	2528.7	4913.3	7641.7	10980.1	14762.1	15959.9	16459.0
25°	798.6	876.2	1031.5	1519.5	3715.5	7053.9	11301.7	16370.3	17479.4	18022.9
27.5°	709.8	787.5	909.5	1120.2	2528.7	6244.2	11834.1	17823.2	18932.3	19675.4
30°	621.1	687.6	809.6	953.8	1752.4	5334.8	12288.8	18888.0	20451.8	20684.7
32.5°	554.6	610.0	698.7	820.7	1297.6	4048.2	12654.8	19986.0	21305.8	21816.0
35°	476.9	543.5	598.9	698.7	987.1	3050.0	12433.0	20840.0	22559.1	23169.1
37.5°	421.5	465.8	521.3	587.8	831.8	2384.6	11978.3	21860.4	23634.9	24200.6
40°	354.9	388.2	454.7	521.3	754.2	1841.1	11457.0	23091.5	25143.3	26141.5
42.5°	299.5	332.7	377.1	488.0	621.1	1364.2	10403.4	24045.3	26363.3	27206.2
45°	232.9	277.3	343.8	488.0	499.1	1009.3	9316.4	24755.1	27051.0	27472.4
47.5°	177.5	221.8	332.7	421.5	399.3	698.7	8029.9	25564.8	27760.8	28149.0
50°	133.1	177.5	377.1	366.0	332.7	532.4	7220.2	26130.4	27805.1	28015.9
52.5°	88.7	133.1	310.5	277.3	277.3	465.8	6998.4	26108.2	27916.0	27461.3
55°	66.5	99.8	177.5	199.6	244.0	410.4	6798.8	26940.0	27949.3	28271.0
57.5°	44.4	77.6	122.0	155.3	210.7	354.9	6388.4	27938.2	28980.8	29147.1
60°	22.2	55.5	88.7	122.0	177.5	310.5	5811.7	28670.2	30234.1	30411.5
62.5°	11.1	33.3	66.5	99.8	144.2	244.0	5212.8	27505.7	29690.6	30001.2
65°	0.0	22.2	44.4	66.5	88.7	177.5	4236.8	24832.7	27539.0	28681.3
67.5°	0.0	0.0	22.2	44.4	55.5	133.1	3194.2	22592.4	25553.7	27106.4
70°	0.0	0.0	11.1	11.1	33.3	99.8	2040.7	18710.5	22814.2	23668.2
72.5°	0.0	0.0	0.0	0.0	11.1	66.5	1186.7	13897.0	17878.7	19464.7
75°	0.0	0.0	0.0	0.0	0.0	55.5	598.9	8939.3	12444.1	14573.6
77.5°	0.0	0.0	0.0	0.0	0.0	44.4	321.6	5767.3	9172.3	10957.9
80°	0.0	0.0	0.0	0.0	0.0	11.1	188.5	3349.5	5867.1	7109.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	77.6	1641.5	3504.8	4103.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	22.2	876.2	1752.4	2306.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	122.0	232.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)