

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: P599542

Luminaire Tested: **IFLD-L-SA8C-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: P599542  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8C-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**

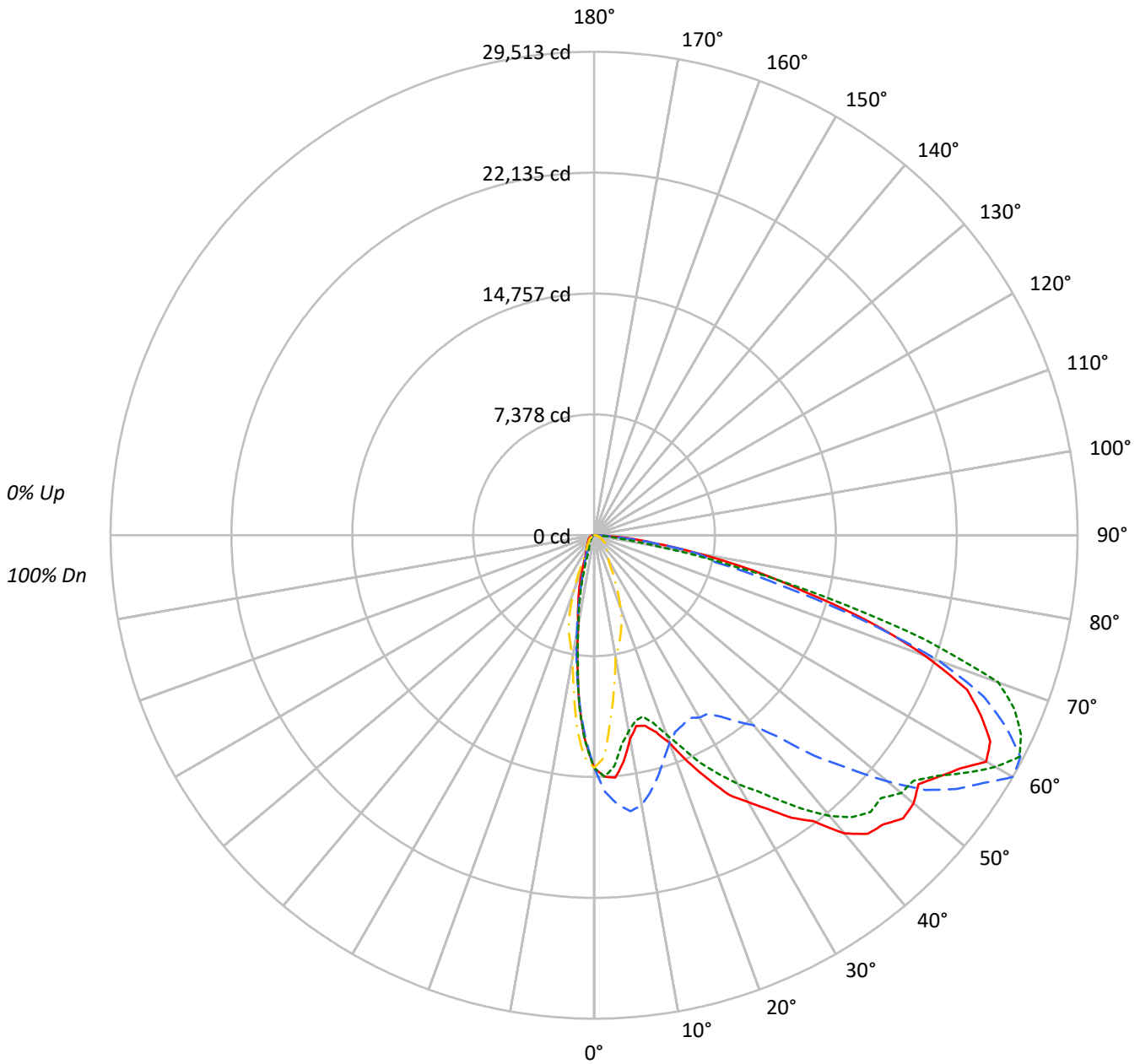
Lumens per Lamp: N/A  
 Luminaire Lumens: 37745.6 lumens  
 Efficiency: N/A  
 Efficacy: 89.8 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 420.3  
 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

TEST NUMBER: P599542  
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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°

TEST NUMBER: P599542  
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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°	76381	76381	76381	76381
5°	80267	76401	55817	56143
10°	69021	66377	30517	29801
15°	67113	63799	19825	14939
20°	77358	74125	10622	5311
25°	97266	90981	6884	4130
30°	116824	108868	5575	3383
35°	138343	129800	4570	2715
40°	166913	157140	4036	2054
45°	190031	181746	3759	1381
50°	213182	204911	3713	844
55°	241081	240229	3689	378
60°	297496	304548	3364	109
65°	331944	366087	3081	0
70°	338475	413181	2854	0
75°	275412	304755	2724	0
80°	200249	127461	2811	0
85°	129467	53526	3736	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1078.1	2.9
10°-20°	2114.2	5.6
20°-30°	2925.8	7.8
30°-40°	4134.8	11.0
40°-50°	5629.7	14.9
50°-60°	7456.1	19.8
60°-70°	8657.1	22.9
70°-80°	4902.6	13.0
80°-90°	847.1	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°	6118.1	16.2
0°-40°	10253.0	27.2
0°-60°	23338.8	61.8
0°-90°	37745.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	37745.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	14192	14192	14192	14192	14192	
5°	14857	14142	10332	10392	14857	1334
15°	12045	11450	3558	2681	12045	3533
25°	16379	15321	1159	696	16379	7639
35°	21056	19756	696	413	21056	13274
45°	24967	23879	494	181	24967	19357
55°	25693	25602	393	40	25693	23278
65°	26066	28747	242	0	26066	25410
75°	13245	14656	131	0	13245	14455
85°	2097	867	60	0	2097	2519
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°	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1
2.5°	14746.5	15058.9	15069.0	15210.1	15351.2	15351.2	15683.9	15603.2	15310.9	15260.5	15048.8
5°	14857.3	14968.2	15048.8	15764.5	16369.3	16308.8	16490.2	16369.3	15804.8	15079.1	14585.2
7.5°	13899.8	14020.7	14343.3	15562.9	16379.4	16651.5	16994.2	16238.2	15643.5	14333.2	13385.7
10°	12629.7	12861.6	13456.3	14847.3	15855.2	16722.1	16722.1	16117.3	14968.2	13688.1	12528.9
12.5°	11924.2	12387.8	12710.4	14121.5	15431.9	16026.6	16006.4	15683.9	14938.0	13325.2	12014.9
15°	12045.1	12176.2	12861.6	13960.2	14827.1	14796.9	15159.7	15058.9	14534.8	13647.8	12206.4
17.5°	12599.5	12801.1	13395.8	13960.2	14373.5	14252.6	14242.5	14726.3	14756.5	14192.1	12922.1
20°	13506.7	14101.4	14383.6	14554.9	14051.0	13536.9	13476.4	14151.8	14675.9	14887.6	13778.8
22.5°	14958.1	15351.2	15925.8	15048.8	13738.5	13093.4	12972.4	13718.3	14776.7	15714.1	14887.6
25°	16379.4	16681.7	17236.1	16107.2	14091.3	13002.7	12791.0	13436.1	15159.7	16863.2	16228.2
27.5°	17881.2	18143.3	18203.8	16883.3	14282.8	12821.3	12569.3	13436.1	15482.3	17468.0	17830.8
30°	18798.5	19110.9	19171.4	17568.7	14595.3	12972.4	12851.5	13496.6	15704.0	17982.0	18979.9
32.5°	19826.6	19907.2	19856.8	17689.7	14938.0	13416.0	12912.0	13899.8	15956.0	18596.9	20028.2
35°	21056.3	21197.4	20683.3	18244.1	15704.0	13698.2	13516.7	14393.7	16389.4	18879.1	21298.2
37.5°	21993.7	22437.2	21278.0	18455.8	15855.2	14292.9	14323.1	15421.8	16691.8	19221.8	22699.3
40°	23757.6	23011.7	22286.0	19181.5	16429.8	15300.8	15139.6	16480.2	17709.9	19443.6	23616.5
42.5°	24725.3	24332.2	22679.1	19252.0	17316.8	16691.8	16732.1	17679.6	18244.1	20068.5	23868.5
45°	24967.2	24553.9	23213.3	19302.4	18193.7	18334.8	19030.3	19211.7	19030.3	20481.8	24342.2
47.5°	25582.0	24684.9	23152.8	19977.8	19614.9	20159.2	21046.2	21439.3	20098.7	20330.6	24564.0
50°	25461.1	24947.0	23021.8	20260.0	21348.6	22790.0	23384.7	23223.4	21288.1	20018.1	24322.1
52.5°	24957.1	24402.7	23425.0	21026.1	22971.4	24715.2	25541.7	25138.5	22346.5	20723.7	24160.8
55°	25692.9	25269.6	23949.1	22064.3	24191.0	26408.6	26993.2	26690.8	23646.7	21378.8	25078.1
57.5°	26489.2	26398.5	25370.4	23283.9	25632.4	28152.3	28152.3	27779.4	24775.7	22326.3	26438.8
60°	27638.3	27839.9	26418.6	24090.3	26126.3	28051.5	29513.1	29079.7	25914.7	23989.5	27981.0
62.5°	27265.3	27910.4	27769.3	25823.9	26690.8	28545.4	29341.7	29664.3	27325.8	26015.5	30037.2
65°	26065.9	26751.3	27759.2	26962.9	26267.4	27346.0	27749.1	28726.9	28031.4	27920.5	30883.9
67.5°	24634.5	25380.4	26005.4	27729.0	25410.7	26126.3	25773.5	26086.0	27265.3	30007.0	31367.7
70°	21509.9	22225.5	23213.3	26025.5	23142.8	22497.7	22407.0	22255.8	24090.3	29261.1	29170.4
72.5°	17689.7	18022.3	19655.2	21157.1	17125.2	17004.3	17145.4	16974.1	19100.8	26489.2	24987.3
75°	13244.6	13577.2	14504.5	16248.3	11662.1	10966.6	11773.0	12569.3	14585.2	20562.4	17951.8
77.5°	9958.6	10382.0	10966.6	12156.0	8557.6	7469.0	7579.9	8335.8	10543.3	16470.1	10059.4
80°	6461.0	6410.6	7539.5	8366.1	6440.9	6642.5	6360.2	6914.6	7640.3	8809.6	5140.6
82.5°	3729.5	3779.9	4253.6	4797.9	4485.4	5130.5	3699.2	6178.8	5453.1	3588.3	1915.1
85°	2096.6	2187.3	2620.7	3326.3	2812.2	1884.9	1542.2	3064.2	3427.1	1471.6	927.3
87.5°	211.7	181.4	352.8	1260.0	766.0	312.5	463.7	735.8	826.5	554.4	272.1
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°	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1
2.5°	14746.5	14746.5	14494.5	14071.1	13899.8	13597.4	13184.1	13315.2	13174.0	12660.0	12528.9
5°	14141.7	13657.9	13133.7	12488.6	12115.7	11349.6	11107.7	10674.3	10744.9	10311.4	10331.6
7.5°	12881.7	12498.7	11611.7	10765.0	10029.2	9364.0	8426.5	8073.8	7731.1	7559.7	7761.3
10°	12145.9	11430.3	10220.7	9112.0	8134.2	7539.5	6914.6	6430.8	5987.3	5654.7	5584.1
12.5°	11611.7	10976.7	9515.1	8164.5	7398.4	6914.6	6340.1	5674.8	5241.4	4666.9	4495.5
15°	11450.4	10674.3	9132.1	7791.5	7045.6	6249.4	5594.2	4939.0	4374.5	3769.8	3558.1
17.5°	12004.8	11107.7	9122.0	7489.1	6440.9	5584.1	4676.9	3941.1	3366.6	2812.2	2681.2
20°	12942.2	11571.4	9414.3	7307.7	5866.3	4717.3	3689.1	2953.3	2308.2	1945.4	1854.6
22.5°	14010.6	12357.6	9444.6	6823.9	5291.8	3850.4	2691.3	1945.4	1582.5	1411.1	1360.7
25°	15321.0	13617.5	9807.5	6430.8	4616.5	2923.1	1915.1	1491.8	1280.1	1179.3	1159.2
27.5°	16399.5	14494.5	10200.6	6017.5	3951.2	2167.1	1501.9	1219.6	1108.8	1008.0	997.9
30°	17518.3	15502.4	10311.4	5765.5	3376.7	1784.1	1290.2	1078.5	957.6	907.2	897.1
32.5°	18496.1	16601.1	10664.2	5352.3	2832.4	1572.4	1169.2	967.6	887.0	806.4	796.3
35°	19756.0	17236.1	10835.6	5130.5	2630.8	1421.2	1068.4	887.0	766.0	715.7	695.5
37.5°	21106.7	17851.0	10946.4	4959.2	2459.4	1330.5	1008.0	836.6	725.7	655.2	635.0
40°	22366.6	18717.8	10785.2	4747.5	2328.4	1219.6	967.6	776.1	675.3	604.8	574.5
42.5°	23334.3	19564.5	10734.8	4545.9	2187.3	1179.3	917.2	745.9	635.0	554.4	544.3
45°	23878.6	20139.0	10382.0	4384.6	2076.4	1199.5	897.1	705.6	604.8	534.2	493.9
47.5°	23747.5	20582.5	10472.7	4334.2	1925.2	1118.8	887.0	675.3	554.4	493.9	463.7
50°	24473.3	21479.6	10321.5	4173.0	1814.3	1008.0	967.6	675.3	544.3	473.7	443.5
52.5°	24594.2	22296.1	10644.1	3880.6	1643.0	927.3	957.6	665.3	524.1	453.6	413.3
55°	25602.2	23243.6	11269.0	3719.4	1501.9	806.4	876.9	645.1	473.7	413.3	393.1
57.5°	26973.0	25209.1	11672.2	3568.2	1310.3	705.6	735.8	635.0	433.4	383.0	352.8
60°	28293.4	25995.3	11702.4	3296.0	1128.9	635.0	574.5	635.0	403.2	342.7	312.5
62.5°	29281.2	25995.3	11500.8	3064.2	987.8	564.5	504.0	604.8	362.9	302.4	282.2
65°	28747.0	25299.8	10976.7	2872.7	897.1	493.9	433.4	463.7	322.5	262.1	241.9
67.5°	27789.5	23132.7	9817.5	2640.9	887.0	433.4	372.9	342.7	282.2	231.8	211.7
70°	26257.4	20209.6	8174.6	2378.8	866.8	393.1	332.6	292.3	252.0	201.6	181.4
72.5°	21157.1	16691.8	6713.0	2227.6	846.7	342.7	282.2	252.0	211.7	171.4	151.2
75°	14655.7	10664.2	5170.8	1905.0	826.5	312.5	262.1	221.8	181.4	141.1	131.0
77.5°	8789.4	7126.3	3336.3	1431.3	544.3	252.0	221.8	171.4	151.2	121.0	110.9
80°	4112.5	3366.6	1350.7	554.4	262.1	181.4	151.2	131.0	121.0	100.8	90.7
82.5°	1612.7	1421.2	655.2	322.5	211.7	141.1	121.0	110.9	100.8	80.6	70.6
85°	866.8	766.0	312.5	221.8	151.2	100.8	100.8	90.7	80.6	70.6	60.5
87.5°	191.5	141.1	131.0	131.0	110.9	80.6	80.6	70.6	60.5	50.4	40.3
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°	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1
2.5°	12458.4	12609.6	12367.7	12518.9	12307.2	12468.5	12488.6	12337.4	12377.8	12579.3	12670.1
5°	10613.8	10513.0	10291.3	10220.7	10230.8	10099.8	10150.2	10220.7	10331.6	10392.1	10573.5
7.5°	7650.4	7882.2	7872.2	8043.5	8053.6	8033.4	7892.3	7589.9	7690.7	7610.1	7710.9
10°	5473.2	5574.0	5765.5	5876.4	6078.0	5967.1	5644.6	5523.6	5463.1	5453.1	5553.9
12.5°	4374.5	4132.6	4112.5	4152.8	4253.6	4122.6	3961.3	3820.2	3890.7	4031.8	4142.7
15°	3386.7	3185.2	2923.1	2882.8	2902.9	2842.4	2671.1	2489.7	2540.1	2681.2	2761.8
17.5°	2600.5	2368.7	2187.3	2066.3	2026.0	1814.3	1562.3	1411.1	1370.8	1360.7	1431.3
20°	1753.9	1713.5	1683.3	1532.1	1532.1	1229.7	1018.0	907.2	907.2	927.3	937.4
22.5°	1310.3	1260.0	1270.0	1239.8	1159.2	917.2	806.4	776.1	776.1	796.3	796.3
25°	1139.0	1068.4	1048.3	1038.2	957.6	786.2	705.6	675.3	675.3	695.5	695.5
27.5°	967.6	947.5	917.2	876.9	806.4	675.3	624.9	594.7	604.8	614.9	604.8
30°	887.0	836.6	796.3	796.3	715.7	604.8	564.5	544.3	524.1	544.3	554.4
32.5°	786.2	756.0	735.8	705.6	614.9	534.2	493.9	473.7	463.7	463.7	473.7
35°	675.3	675.3	655.2	614.9	534.2	483.8	433.4	413.3	403.2	413.3	413.3
37.5°	604.8	574.5	584.6	544.3	473.7	423.3	372.9	352.8	352.8	342.7	352.8
40°	564.5	514.1	483.8	463.7	423.3	362.9	322.5	302.4	292.3	292.3	292.3
42.5°	504.0	463.7	403.2	393.1	383.0	312.5	262.1	252.0	241.9	231.8	231.8
45°	473.7	413.3	362.9	312.5	312.5	262.1	221.8	201.6	191.5	181.4	191.5
47.5°	433.4	372.9	312.5	262.1	252.0	211.7	171.4	151.2	141.1	141.1	141.1
50°	413.3	332.6	272.1	221.8	191.5	171.4	131.0	110.9	100.8	100.8	100.8
52.5°	383.0	312.5	241.9	191.5	151.2	131.0	100.8	80.6	70.6	70.6	70.6
55°	342.7	282.2	211.7	161.3	131.0	100.8	70.6	50.4	40.3	40.3	40.3
57.5°	322.5	252.0	181.4	141.1	100.8	70.6	40.3	30.2	30.2	20.2	30.2
60°	292.3	221.8	151.2	110.9	80.6	50.4	30.2	10.1	10.1	10.1	10.1
62.5°	252.0	191.5	131.0	90.7	60.5	30.2	10.1	0.0	0.0	0.0	0.0
65°	211.7	151.2	100.8	70.6	40.3	10.1	0.0	0.0	0.0	0.0	0.0
67.5°	181.4	131.0	80.6	50.4	30.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	161.3	110.9	60.5	40.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	131.0	90.7	50.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	110.9	70.6	30.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	90.7	50.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.6	40.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.5	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	40.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.2	10.1	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: P599542  
 CATALOG NUMBER: IFLD-L-SA8C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1	14192.1
2.5°	12801.1	12740.6	13043.0	13536.9	13788.9	14282.8	14403.8	14716.2	14635.6	14746.5
5°	10593.7	10714.6	11158.1	11883.9	12145.9	12861.6	13536.9	14212.2	14645.7	14857.3
7.5°	7862.1	8265.3	8809.6	9474.8	10150.2	11087.6	12236.6	13022.8	13446.2	13899.8
10°	5856.2	6289.7	6914.6	7569.8	8668.5	9716.7	10865.8	11843.5	12206.4	12629.7
12.5°	4606.4	5281.7	6007.4	6713.0	7368.2	8366.1	9787.3	11208.5	11601.6	11924.2
15°	3205.3	4031.8	5070.0	5987.3	6904.5	7771.4	9243.0	10966.6	11500.8	12045.1
17.5°	1774.0	2429.2	3618.6	4908.8	6259.4	7589.9	9424.4	11410.1	12216.5	12599.5
20°	1028.1	1290.2	2136.9	3669.0	5453.1	7196.8	9515.1	12246.7	13315.2	13506.7
22.5°	846.7	937.4	1209.6	2298.1	4465.3	6944.8	9978.8	13416.0	14504.5	14958.1
25°	725.7	796.3	937.4	1380.9	3376.7	6410.6	10271.1	14877.5	15885.5	16379.4
27.5°	645.1	715.7	826.5	1018.0	2298.1	5674.8	10754.9	16197.9	17205.9	17881.2
30°	564.5	624.9	735.8	866.8	1592.6	4848.3	11168.2	17165.6	18586.8	18798.5
32.5°	504.0	554.4	635.0	745.9	1179.3	3679.1	11500.8	18163.4	19362.9	19826.6
35°	433.4	493.9	544.3	635.0	897.1	2771.9	11299.2	18939.6	20501.9	21056.3
37.5°	383.0	423.3	473.7	534.2	756.0	2167.1	10886.0	19866.9	21479.6	21993.7
40°	322.5	352.8	413.3	473.7	685.4	1673.2	10412.2	20985.7	22850.5	23757.6
42.5°	272.1	302.4	342.7	443.5	564.5	1239.8	9454.7	21852.6	23959.2	24725.3
45°	211.7	252.0	312.5	443.5	453.6	917.2	8466.9	22497.7	24584.2	24967.2
47.5°	161.3	201.6	302.4	383.0	362.9	635.0	7297.6	23233.5	25229.2	25582.0
50°	121.0	161.3	342.7	332.6	302.4	483.8	6561.8	23747.5	25269.6	25461.1
52.5°	80.6	121.0	282.2	252.0	252.0	423.3	6360.2	23727.4	25370.4	24957.1
55°	60.5	90.7	161.3	181.4	221.8	372.9	6178.8	24483.4	25400.6	25692.9
57.5°	40.3	70.6	110.9	141.1	191.5	322.5	5805.9	25390.5	26338.0	26489.2
60°	20.2	50.4	80.6	110.9	161.3	282.2	5281.7	26055.8	27477.0	27638.3
62.5°	10.1	30.2	60.5	90.7	131.0	221.8	4737.4	24997.4	26983.1	27265.3
65°	0.0	20.2	40.3	60.5	80.6	161.3	3850.4	22568.2	25027.7	26065.9
67.5°	0.0	0.0	20.2	40.3	50.4	121.0	2902.9	20532.2	23223.4	24634.5
70°	0.0	0.0	10.1	10.1	30.2	90.7	1854.6	17004.3	20733.7	21509.9
72.5°	0.0	0.0	0.0	0.0	10.1	60.5	1078.5	12629.7	16248.3	17689.7
75°	0.0	0.0	0.0	0.0	0.0	50.4	544.3	8124.2	11309.3	13244.6
77.5°	0.0	0.0	0.0	0.0	0.0	40.3	292.3	5241.4	8335.8	9958.6
80°	0.0	0.0	0.0	0.0	0.0	10.1	171.4	3044.0	5332.1	6461.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	70.6	1491.8	3185.2	3729.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	20.2	796.3	1592.6	2096.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	110.9	211.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)