

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: P599047

Luminaire Tested: **IFLD-L-SA8A-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599047  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8A-760-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (128) 5700K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

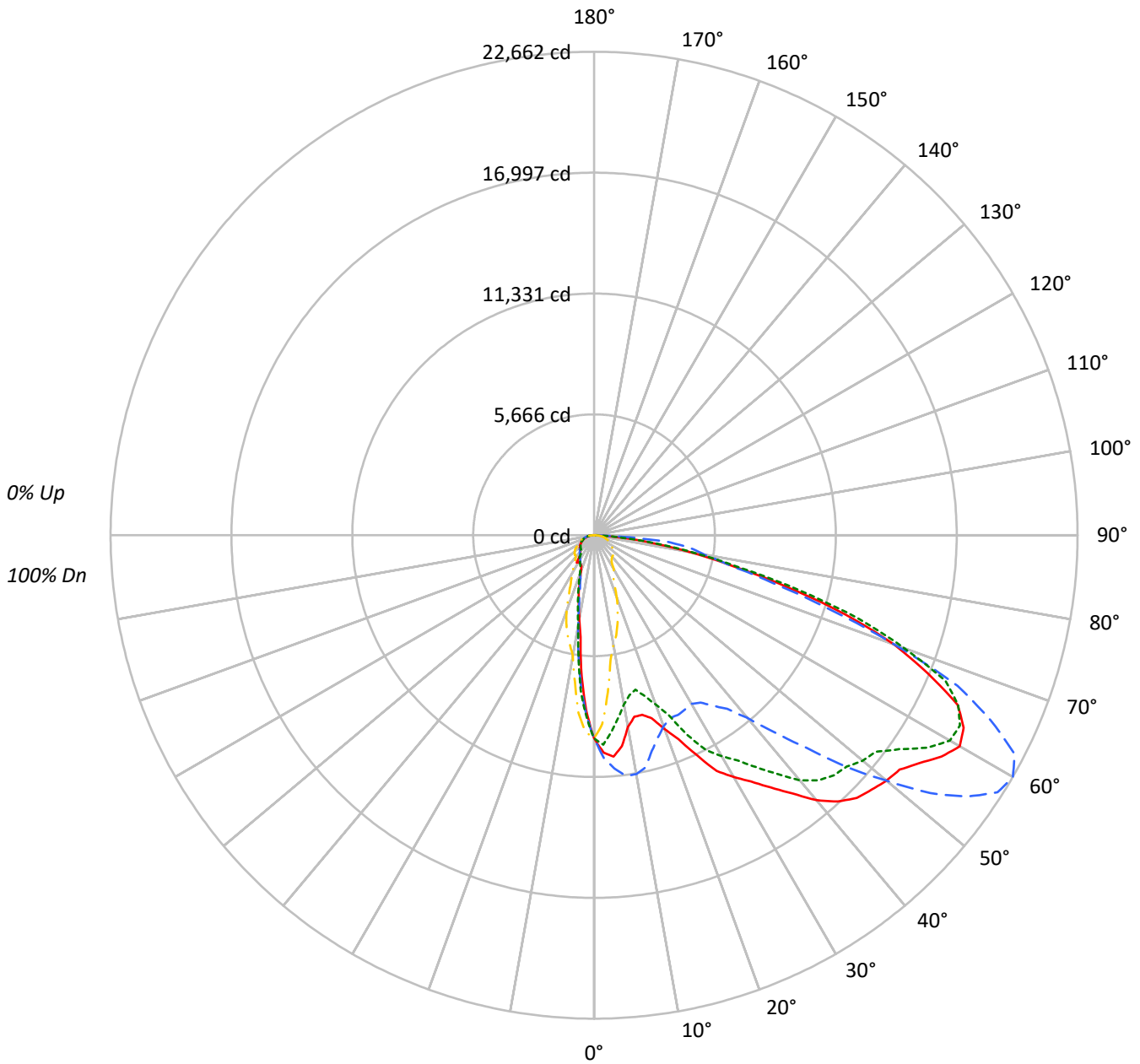
Lumens per Lamp: N/A  
 Luminaire Lumens: 29805.8 lumens  
 Efficiency: N/A  
 Efficacy: 120.3 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 247.8  
 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	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	51235	51235	51235	51235
5°	56288	50002	35859	39144
10°	49858	44005	21750	23339
15°	48549	41771	15397	15987
20°	55356	48314	10072	11132
25°	67445	61243	8794	9108
30°	81265	74280	9120	8464
35°	94775	87218	7558	7123
40°	113886	105340	7060	6688
45°	132537	121064	7145	6642
50°	149784	137607	7306	6864
55°	174682	164012	7568	7196
60°	213052	207217	7543	7543
65°	239435	239771	7745	8083
70°	235313	243636	8115	8323
75°	194108	207030	8524	9073
80°	140149	147117	9425	9834
85°	77565	83277	10615	13067

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	739.6	2.5
10°-20°	1561.4	5.2
20°-30°	2284.6	7.7
30°-40°	3218.9	10.8
40°-50°	4423.7	14.8
50°-60°	6028.9	20.2
60°-70°	6598.4	22.1
70°-80°	3809.5	12.8
80°-90°	1140.8	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°	4585.6	15.4
0°-40°	7804.5	26.2
0°-60°	18257.1	61.3
0°-90°	29805.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29805.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9520	9520	9520	9520	9520	
5°	10419	9255	6637	7246	10419	946
15°	8713	7497	2763	2869	8713	2546
25°	11358	10313	1481	1534	11358	5318
35°	14425	13275	1150	1084	14425	9147
45°	17413	15906	939	873	17413	13383
55°	18616	17479	806	767	18616	16797
65°	18802	18828	608	635	18802	17995
75°	9335	9956	410	436	9335	10027
85°	1256	1349	172	212	1256	1743
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°	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8
2.5°	10194.1	10154.4	10194.1	10339.5	10379.2	10445.3	10445.3	10352.8	10180.9	10101.6	9969.3
5°	10418.9	10352.8	10683.3	10987.4	11225.4	11199.0	10974.2	10789.1	10445.3	9929.7	9440.5
7.5°	9969.3	10035.4	10273.4	11066.8	11622.1	11727.9	11370.9	11000.6	10260.2	9546.2	8885.1
10°	9123.1	9215.7	9731.3	10551.1	11423.7	11595.6	11370.9	10921.3	10035.4	9149.6	8382.7
12.5°	8713.3	8924.8	9228.9	10220.6	10842.0	11251.9	11146.1	10855.2	9863.6	8819.0	8078.6
15°	8713.3	8766.1	9215.7	10048.7	10405.7	10418.9	10458.5	10511.4	9916.4	8964.5	7972.8
17.5°	8990.9	9136.4	9519.8	10035.4	10101.6	9942.9	9942.9	10167.7	10022.2	9374.3	8356.3
20°	9665.2	9612.3	10114.8	10326.3	9969.3	9572.7	9533.0	9916.4	10141.2	9810.7	9057.0
22.5°	10339.5	10577.5	10987.4	10511.4	9850.3	9321.5	9268.6	9744.6	10498.2	10564.3	9863.6
25°	11357.6	11595.6	11807.2	11225.4	9837.1	9255.4	9295.0	9665.2	10934.5	11635.3	11212.2
27.5°	12455.1	12600.5	12904.6	12005.5	10154.4	9176.0	9215.7	9771.0	11344.4	12336.1	12270.0
30°	13076.5	13235.2	13169.0	12151.0	10366.0	9228.9	9123.1	9916.4	11119.6	12336.1	12957.5
32.5°	13684.7	13592.1	13552.5	12388.9	10630.4	9559.5	9295.0	10220.6	11251.9	12534.4	13843.4
35°	14425.1	14292.9	14187.1	12851.7	11066.8	9876.8	9757.8	10617.2	11542.7	12944.3	14557.3
37.5°	15244.9	15244.9	14729.2	13195.5	11582.4	10392.4	10260.2	11185.8	12005.5	13195.5	15535.8
40°	16210.1	16249.8	15337.4	13658.3	12164.2	11212.2	11172.5	11926.2	12455.1	13565.7	16474.5
42.5°	16924.1	16950.5	15866.3	13830.1	12838.5	12349.3	12521.2	13116.2	12970.7	13896.2	16540.6
45°	17413.3	17281.1	16236.5	14319.4	13578.9	14054.9	14107.8	14279.7	13645.0	14094.6	16805.1
47.5°	17651.3	17624.8	16395.2	14887.9	15139.1	15787.0	16091.1	15853.1	14266.5	13883.0	16805.1
50°	17889.3	17664.5	16540.6	15668.0	16659.6	17968.6	17902.5	17466.2	15125.9	14147.5	16553.9
52.5°	18047.9	17849.6	16831.5	16368.7	18114.0	19594.9	19859.3	19052.8	16130.8	14636.7	16672.9
55°	18616.5	18457.8	17704.2	17320.7	19793.2	21313.8	21353.4	20229.6	17188.5	15443.2	17452.9
57.5°	19304.0	19396.6	18907.4	18669.4	21075.8	22569.8	22424.4	21102.2	18087.6	16421.6	18352.0
60°	19793.2	19938.7	19819.7	19846.1	21710.4	22992.9	22662.4	21644.3	18748.7	17162.1	19449.5
62.5°	19528.8	19819.7	20308.9	20203.1	21736.9	22688.8	22226.1	20930.3	18828.0	18127.3	20282.4
65°	18801.6	18828.0	19780.0	20361.8	20546.9	21115.4	20507.2	19436.2	18008.3	18722.3	20163.4
67.5°	16937.3	17148.8	18008.3	19145.4	18365.3	18497.5	18444.6	16897.6	16765.4	18312.4	19251.1
70°	14954.0	15099.4	16038.2	17373.6	15509.3	14887.9	15006.9	13856.6	14398.7	17043.1	17413.3
72.5°	12362.5	12455.1	13526.0	14702.8	12441.8	11331.2	11608.9	10670.1	11437.0	14914.3	14689.6
75°	9334.7	9506.6	10339.5	11727.9	9162.8	8448.8	8726.5	8343.0	9057.0	12283.2	11397.3
77.5°	6637.4	6505.2	7536.5	9176.0	6888.6	6465.5	6492.0	6558.1	7324.9	10352.8	8184.4
80°	4521.9	4561.6	5487.1	6730.0	5407.8	5341.7	5275.6	5804.4	6148.2	8197.6	5949.9
82.5°	2684.1	2684.1	3702.1	4786.3	4270.7	4812.8	4508.7	4984.7	4812.8	6029.2	3900.5
85°	1256.1	1256.1	1904.0	3450.9	3305.5	3966.6	3371.6	3768.3	3556.7	4204.6	1758.5
87.5°	211.6	185.1	383.4	1692.4	1361.9	1547.0	608.2	2009.7	2234.5	2935.3	436.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8
2.5°	9823.9	9731.3	9546.2	9308.2	9109.9	8858.7	8779.4	8607.5	8369.5	8343.0	8237.3
5°	9255.4	8938.0	8541.4	8052.2	7721.6	7377.8	7087.0	6915.1	6716.7	6690.3	6637.4
7.5°	8633.9	8237.3	7576.2	6994.4	6425.9	5883.8	5619.3	5288.8	5064.0	4892.1	4812.8
10°	8052.2	7681.9	6862.2	6068.9	5566.4	5209.4	4892.1	4548.3	4270.7	4059.1	3979.8
12.5°	7668.7	7232.4	6346.5	5592.9	5222.7	4812.8	4455.8	4085.6	3728.6	3450.9	3305.5
15°	7496.8	7087.0	6187.9	5354.9	4812.8	4244.2	3834.4	3464.1	3027.8	2829.5	2763.4
17.5°	7906.7	7298.5	6135.0	5077.2	4310.3	3662.5	3160.0	2763.4	2446.1	2247.7	2168.4
20°	8435.6	7681.9	6227.5	4746.7	3834.4	3107.2	2551.8	2128.7	1917.2	1771.7	1758.5
22.5°	9109.9	8250.5	6373.0	4508.7	3305.5	2498.9	1996.5	1745.3	1599.9	1586.6	1560.2
25°	10313.1	9281.8	6611.0	4191.4	2882.4	2062.6	1705.6	1560.2	1494.1	1454.4	1480.9
27.5°	11344.4	9956.1	6782.9	3993.0	2710.5	1943.6	1652.7	1494.1	1428.0	1414.7	1428.0
30°	11952.6	10577.5	6730.0	3622.8	2366.7	1851.1	1758.5	1705.6	1573.4	1467.6	1467.6
32.5°	12507.9	10974.2	6716.7	3292.3	2023.0	1547.0	1467.6	1428.0	1507.3	1560.2	1520.5
35°	13274.8	11595.6	6677.1	3107.2	1877.5	1428.0	1295.7	1190.0	1137.1	1110.6	1150.3
37.5°	14094.6	12018.7	6571.3	3080.7	1798.2	1361.9	1256.1	1150.3	1097.4	1071.0	1057.8
40°	14993.7	12468.3	6452.3	2948.5	1758.5	1322.2	1216.4	1123.9	1057.8	1018.1	1004.9
42.5°	15575.4	12825.3	6333.3	2882.4	1679.2	1295.7	1176.8	1097.4	1031.3	978.4	978.4
45°	15906.0	13248.4	6214.3	2816.3	1586.6	1309.0	1176.8	1071.0	991.6	965.2	938.8
47.5°	16051.4	13565.7	6174.6	2710.5	1507.3	1256.1	1150.3	1044.5	965.2	912.3	899.1
50°	16434.9	14240.0	6320.1	2631.2	1414.7	1203.2	1216.4	1031.3	952.0	885.9	872.6
52.5°	16659.6	14782.1	6637.4	2512.2	1348.6	1137.1	1190.0	1004.9	912.3	846.2	846.2
55°	17479.4	15681.2	6981.2	2419.6	1269.3	1044.5	1097.4	952.0	846.2	806.5	806.5
57.5°	18523.9	16633.2	7272.1	2379.9	1216.4	978.4	978.4	925.5	806.5	753.7	740.4
60°	19251.1	17413.3	7443.9	2353.5	1163.5	912.3	872.6	925.5	766.9	714.0	700.8
62.5°	19330.5	16963.7	7272.1	2340.3	1150.3	846.2	793.3	885.9	727.2	674.3	647.9
65°	18828.0	16051.4	6796.1	2287.4	1137.1	780.1	740.4	766.9	674.3	634.7	608.2
67.5°	17823.2	14570.6	6108.5	2261.0	1123.9	727.2	674.3	661.1	621.4	581.8	555.3
70°	15482.9	12640.2	5302.0	2142.0	1097.4	687.5	608.2	595.0	555.3	528.9	515.7
72.5°	12997.2	10339.5	4376.5	1983.3	1044.5	621.4	555.3	528.9	515.7	476.0	462.8
75°	9956.1	7959.6	3503.8	1758.5	912.3	555.3	489.2	462.8	449.5	423.1	409.9
77.5°	6994.4	5923.4	2591.5	1428.0	766.9	502.4	436.3	409.9	396.7	357.0	357.0
80°	4746.7	4151.7	1758.5	991.6	595.0	409.9	383.4	357.0	330.5	304.1	304.1
82.5°	2948.5	2908.8	1269.3	647.9	436.3	330.5	304.1	304.1	264.4	238.0	238.0
85°	1348.6	1785.0	885.9	449.5	330.5	251.2	251.2	238.0	211.6	171.9	171.9
87.5°	423.1	595.0	462.8	198.3	185.1	145.4	145.4	132.2	132.2	105.8	105.8
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°	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8
2.5°	8343.0	8329.8	8329.8	8276.9	8409.1	8409.1	8488.5	8422.4	8462.0	8475.3	8581.0
5°	6624.2	6730.0	6809.3	6968.0	7060.5	7100.2	7100.2	7206.0	7166.3	7245.6	7404.3
7.5°	4852.4	4984.7	5222.7	5421.0	5579.7	5632.5	5619.3	5645.8	5685.4	5592.9	5619.3
10°	3926.9	3834.4	3913.7	4098.8	4244.2	4416.1	4283.9	4270.7	4310.3	4270.7	4350.0
12.5°	3279.0	3173.3	3107.2	3107.2	3212.9	3292.3	3252.6	3318.7	3464.1	3503.8	3596.4
15°	2657.6	2565.1	2512.2	2446.1	2551.8	2578.3	2617.9	2710.5	2816.3	2869.2	2974.9
17.5°	2128.7	2128.7	2128.7	2075.8	2115.5	2155.2	2168.4	2287.4	2300.6	2353.5	2393.2
20°	1745.3	1785.0	1851.1	1877.5	1917.2	1917.2	1890.7	1956.8	1904.0	1943.6	1970.1
22.5°	1573.4	1626.3	1652.7	1666.0	1718.9	1732.1	1666.0	1679.2	1692.4	1652.7	1666.0
25°	1480.9	1507.3	1480.9	1494.1	1507.3	1480.9	1494.1	1520.5	1507.3	1533.7	1520.5
27.5°	1441.2	1414.7	1401.5	1388.3	1388.3	1361.9	1375.1	1375.1	1401.5	1414.7	1414.7
30°	1441.2	1401.5	1348.6	1309.0	1309.0	1269.3	1295.7	1322.2	1335.4	1361.9	1361.9
32.5°	1480.9	1401.5	1309.0	1269.3	1229.6	1203.2	1229.6	1269.3	1322.2	1335.4	1348.6
35°	1176.8	1216.4	1203.2	1150.3	1137.1	1137.1	1123.9	1123.9	1084.2	1084.2	1071.0
37.5°	1057.8	1044.5	1071.0	1084.2	1097.4	1057.8	1057.8	1004.9	991.6	1004.9	1004.9
40°	991.6	991.6	991.6	1031.3	1044.5	1018.1	978.4	952.0	952.0	952.0	965.2
42.5°	965.2	938.8	925.5	952.0	991.6	965.2	925.5	912.3	912.3	925.5	925.5
45°	925.5	912.3	899.1	885.9	938.8	899.1	885.9	872.6	872.6	872.6	885.9
47.5°	885.9	872.6	846.2	846.2	859.4	846.2	833.0	833.0	833.0	859.4	859.4
50°	859.4	846.2	819.8	819.8	819.8	819.8	806.5	806.5	806.5	819.8	833.0
52.5°	819.8	806.5	793.3	780.1	780.1	780.1	780.1	780.1	780.1	793.3	806.5
55°	780.1	766.9	753.7	753.7	766.9	766.9	753.7	766.9	753.7	766.9	780.1
57.5°	740.4	727.2	714.0	727.2	740.4	727.2	727.2	727.2	727.2	727.2	740.4
60°	687.5	687.5	687.5	687.5	714.0	714.0	714.0	714.0	687.5	700.8	714.0
62.5°	661.1	647.9	647.9	661.1	674.3	674.3	687.5	674.3	661.1	674.3	674.3
65°	608.2	608.2	608.2	621.4	621.4	634.7	634.7	634.7	621.4	634.7	634.7
67.5°	568.5	568.5	568.5	568.5	595.0	595.0	595.0	595.0	581.8	581.8	595.0
70°	502.4	515.7	502.4	528.9	555.3	542.1	555.3	555.3	542.1	528.9	555.3
72.5°	462.8	462.8	462.8	462.8	502.4	502.4	502.4	515.7	502.4	489.2	502.4
75°	409.9	409.9	409.9	423.1	449.5	449.5	449.5	449.5	449.5	436.3	436.3
77.5°	357.0	370.2	357.0	370.2	396.7	383.4	396.7	409.9	396.7	383.4	383.4
80°	304.1	304.1	304.1	317.3	330.5	330.5	330.5	343.8	330.5	317.3	317.3
82.5°	238.0	238.0	251.2	251.2	264.4	264.4	264.4	277.7	264.4	251.2	251.2
85°	185.1	185.1	185.1	198.3	198.3	211.6	211.6	224.8	224.8	211.6	211.6
87.5°	119.0	105.8	119.0	119.0	132.2	132.2	119.0	105.8	119.0	105.8	92.6
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: P599047  
 CATALOG NUMBER: IFLD-L-SA8A-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8	9519.8
2.5°	8686.8	8924.8	9096.7	9215.7	9387.6	9718.1	9850.3	10088.3	10154.4	10194.1
5°	7470.4	7721.6	8091.8	8356.3	8660.4	9281.8	9757.8	10114.8	10273.4	10418.9
7.5°	5857.3	6187.9	6571.3	6915.1	7417.5	8184.4	8805.8	9546.2	9823.9	9969.3
10°	4574.8	4878.9	5302.0	5725.1	6425.9	7073.7	7959.6	8633.9	9017.4	9123.1
12.5°	3860.8	4217.8	4720.2	5235.9	5672.2	6412.6	7311.7	8290.2	8647.1	8713.3
15°	3279.0	3768.3	4283.9	4812.8	5315.2	5963.1	6928.3	8118.3	8647.1	8713.3
17.5°	2710.5	3146.8	3755.0	4323.6	4905.3	5791.2	6994.4	8263.7	8792.6	8990.9
20°	2155.2	2578.3	3054.3	3768.3	4561.6	5500.3	7139.8	8752.9	9453.7	9665.2
22.5°	1785.0	1970.1	2432.8	3120.4	4059.1	5302.0	7285.3	9519.8	10260.2	10339.5
25°	1560.2	1692.4	1983.3	2631.2	3662.5	5169.8	7629.1	10405.7	11357.6	11357.6
27.5°	1454.4	1507.3	1705.6	2287.4	3384.8	5050.8	7972.8	11384.1	12270.0	12455.1
30°	1428.0	1560.2	1666.0	2036.2	3080.7	4720.2	8290.2	12151.0	13063.3	13076.5
32.5°	1401.5	1375.1	1454.4	1771.7	2710.5	4376.5	8554.6	12931.0	13645.0	13684.7
35°	1097.4	1150.3	1282.5	1560.2	2432.8	4125.2	8686.8	13354.1	14385.5	14425.1
37.5°	1031.3	1097.4	1203.2	1441.2	2247.7	3913.7	8726.5	14173.9	15165.6	15244.9
40°	1004.9	1057.8	1137.1	1335.4	2102.3	3649.3	8805.8	15020.1	16315.9	16210.1
42.5°	952.0	1018.1	1097.4	1282.5	1983.3	3450.9	8819.0	15482.9	16924.1	16924.1
45°	938.8	978.4	1071.0	1282.5	1851.1	3279.0	8607.5	15945.6	17624.8	17413.3
47.5°	885.9	965.2	1044.5	1242.9	1692.4	3107.2	8356.3	16183.6	17717.4	17651.3
50°	872.6	952.0	1084.2	1176.8	1599.9	3027.8	8303.4	16778.6	17902.5	17889.3
52.5°	846.2	925.5	1123.9	1123.9	1480.9	2922.0	8554.6	17043.1	17942.2	18047.9
55°	806.5	925.5	1044.5	1031.3	1375.1	2789.8	8832.2	17730.6	18642.9	18616.5
57.5°	780.1	899.1	991.6	938.8	1256.1	2697.3	9242.1	18391.7	19489.1	19304.0
60°	740.4	899.1	885.9	872.6	1163.5	2617.9	9585.9	18523.9	19674.2	19793.2
62.5°	714.0	938.8	780.1	806.5	1084.2	2578.3	9440.5	17532.3	19423.0	19528.8
65°	687.5	806.5	714.0	740.4	1057.8	2498.9	8871.9	16342.3	18338.8	18801.6
67.5°	634.7	661.1	661.1	687.5	1031.3	2313.8	7708.4	14200.4	16686.1	16937.3
70°	581.8	595.0	595.0	634.7	1004.9	2102.3	6359.7	12283.2	14478.0	14954.0
72.5°	528.9	528.9	528.9	581.8	925.5	1930.4	5235.9	9440.5	12032.0	12362.5
75°	462.8	462.8	462.8	515.7	833.0	1758.5	4125.2	7020.8	8858.7	9334.7
77.5°	409.9	409.9	396.7	462.8	727.2	1428.0	2974.9	4958.2	6240.8	6637.4
80°	343.8	330.5	330.5	370.2	568.5	1031.3	1917.2	3503.8	4350.0	4521.9
82.5°	277.7	264.4	251.2	277.7	409.9	647.9	1190.0	2446.1	2789.8	2684.1
85°	264.4	277.7	224.8	211.6	290.9	423.1	753.7	1507.3	1256.1	1256.1
87.5°	105.8	92.6	92.6	79.3	145.4	158.7	330.5	277.7	211.6	211.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)