

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: P598757

Luminaire Tested: **IFLD-L-SA8A-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598757
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-750-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

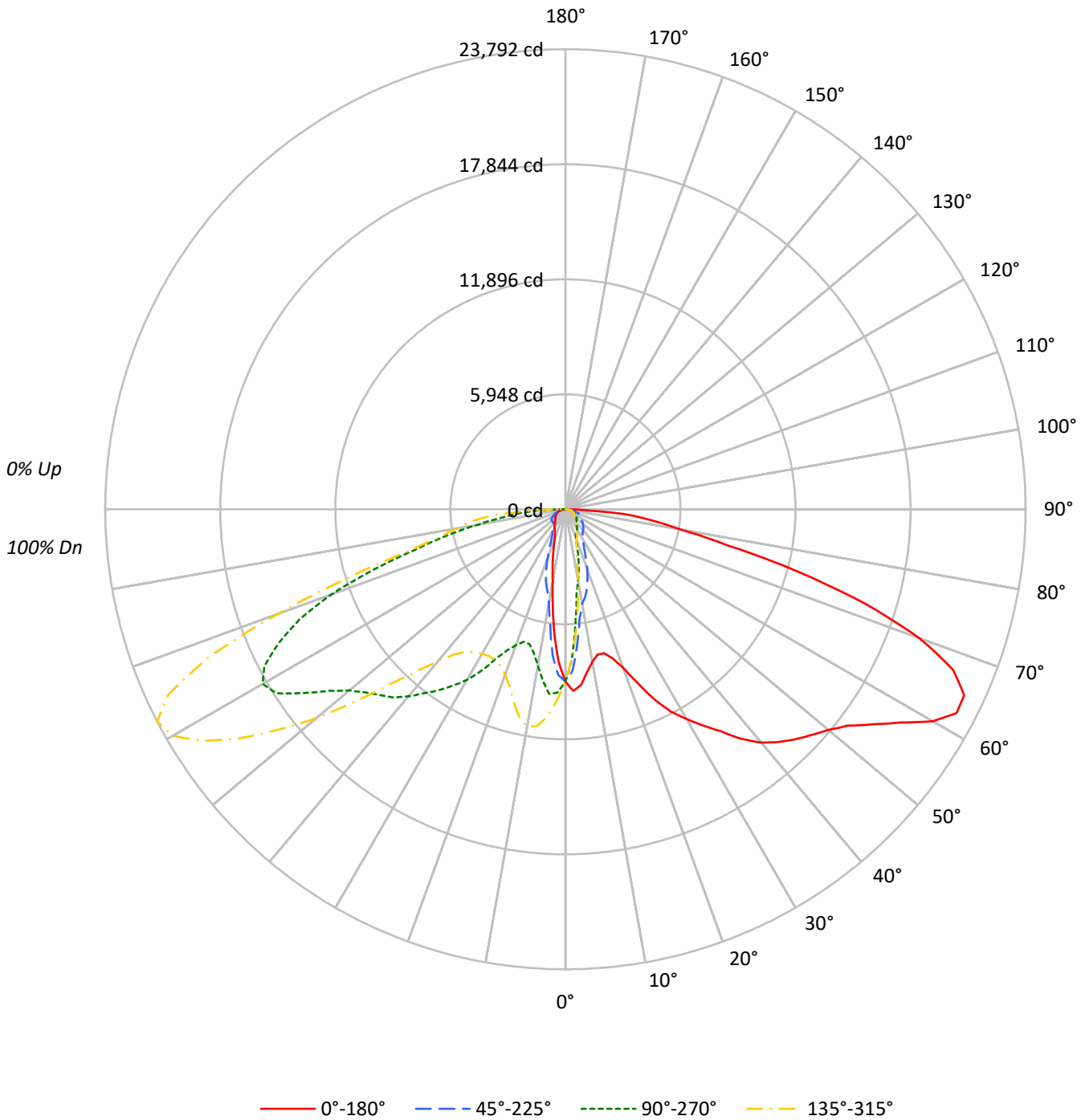
Lumens per Lamp: N/A
 Luminaire Lumens: 29804.9 lumens
 Efficiency: N/A
 Efficacy: 120.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P598757
CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

Luminous Intensity Polar Plot



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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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	47917	47917	47917	47917
5°	49313	32067	35031	51805
10°	43750	20376	20580	44772
15°	42938	14452	13687	40158
20°	49921	9141	9213	42779
25°	64200	7849	7627	50575
30°	77802	7439	6975	63311
35°	92086	6554	6309	75045
40°	110647	6220	5782	88658
45°	128032	6169	5600	103355
50°	148673	6265	5638	122050
55°	181941	6435	5733	155498
60°	235961	6442	6040	194487
65°	289647	6511	6193	208183
70°	306492	6867	6475	202693
75°	257999	7259	6482	165431
80°	187439	8502	6571	142995
85°	198659	12319	5391	148610

TEST NUMBER: P598757
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	689.0	2.3
10°-20°	1442.1	4.8
20°-30°	2078.2	7.0
30°-40°	2991.7	10.0
40°-50°	4249.5	14.3
50°-60°	6109.6	20.5
60°-70°	7058.6	23.7
70°-80°	3996.7	13.4
80°-90°	1189.4	4.0
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°	4209.3	14.1
0°-40°	7201.0	24.2
0°-60°	17560.1	58.9
0°-90°	29804.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29804.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8903	8903	8903	8903	8903	
5°	9128	5936	6484	9589	9128	828
15°	7706	2594	2456	7207	7706	2266
25°	10811	1322	1284	8517	10811	5018
35°	14016	998	960	11422	14016	8895
45°	16821	810	736	13579	16821	13025
55°	19390	686	611	16572	19390	17561
65°	22744	511	486	16348	22744	21810
75°	12407	349	312	7956	12407	13165
85°	3217	200	87	2407	3217	3204
90°	0	0	0	0	0	

TEST NUMBER: P598757
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3
2.5°	9402.0	9389.6	9314.8	9077.8	8828.4	8591.5	8367.1	8130.1	8005.5	7855.8	7793.5
5°	9127.7	9102.8	8890.8	8367.1	7905.7	7406.9	6982.9	6646.3	6371.9	6097.6	5997.9
7.5°	8504.2	8466.8	8217.4	7494.2	6820.8	6172.4	5661.2	5224.7	4863.1	4701.0	4514.0
10°	8005.5	7943.1	7618.9	6820.8	5948.0	5299.6	4962.9	4663.6	4351.9	4090.0	3815.7
12.5°	7693.7	7618.9	7282.2	6347.0	5499.1	5012.8	4663.6	4326.9	3940.4	3616.2	3316.9
15°	7706.2	7618.9	7207.4	6222.3	5386.8	4763.4	4277.1	3815.7	3366.8	3005.2	2668.5
17.5°	8067.8	7955.6	7519.1	6396.9	5299.6	4439.2	3790.7	3192.2	2681.0	2294.4	2020.1
20°	8716.2	8641.4	8142.6	6658.7	5212.3	4090.0	3292.0	2568.7	2032.5	1733.3	1621.0
22.5°	9688.8	9601.6	9065.4	7057.8	5187.3	3778.3	2755.8	2020.1	1633.5	1508.8	1446.5
25°	10811.1	10649.0	10150.2	7731.1	5237.2	3491.5	2319.3	1670.9	1458.9	1371.7	1334.2
27.5°	11783.7	11684.0	11122.8	8367.1	5262.2	3267.0	2020.1	1521.3	1359.2	1284.4	1259.4
30°	12519.4	12482.0	11933.4	9065.4	5199.8	2992.7	1833.0	1458.9	1359.2	1284.4	1209.5
32.5°	13255.1	13267.6	12681.5	9601.6	5112.5	2755.8	1658.5	1296.8	1197.1	1147.2	1159.7
35°	14015.8	14078.1	13579.3	10125.3	4925.5	2668.5	1533.8	1209.5	1122.3	1047.4	1010.0
37.5°	14975.9	15138.0	14651.7	10711.3	4738.4	2593.7	1471.4	1147.2	1059.9	997.6	947.7
40°	15749.0	16048.3	15761.5	11260.0	4613.7	2506.4	1421.5	1084.9	1022.5	947.7	910.3
42.5°	16322.6	16671.8	16572.0	11684.0	4613.7	2419.1	1371.7	1047.4	997.6	910.3	860.4
45°	16821.4	17183.0	17170.6	12120.4	4713.5	2369.2	1309.3	1047.4	972.6	885.3	835.5
47.5°	17270.3	17631.9	17756.6	12669.1	4875.6	2344.3	1234.5	1022.5	972.6	872.9	798.1
50°	17756.6	18155.7	18529.8	13541.9	5075.1	2281.9	1184.6	985.1	985.1	860.4	773.1
52.5°	18380.1	18829.0	19514.9	14626.8	5274.6	2169.7	1109.8	960.2	985.1	847.9	748.2
55°	19390.2	19764.2	20662.0	15923.6	5524.0	2032.5	1047.4	897.8	935.2	810.5	710.8
57.5°	20524.9	20849.1	21597.3	16921.2	5598.8	1858.0	960.2	835.5	897.8	773.1	660.9
60°	21921.5	22083.6	22083.6	17208.0	5349.4	1695.9	897.8	785.6	810.5	735.7	623.5
62.5°	22806.8	22806.8	22083.6	16684.3	4875.6	1558.7	847.9	735.7	710.8	685.8	586.1
65°	22744.5	22644.7	21572.3	15163.0	4326.9	1471.4	798.1	673.4	635.9	623.5	548.7
67.5°	21697.0	21522.4	20063.5	13018.2	3753.3	1434.0	748.2	611.0	586.1	561.1	498.8
70°	19477.4	19028.5	17232.9	10474.4	3192.2	1409.1	735.7	561.1	536.2	511.3	461.4
72.5°	16260.3	15686.7	13454.6	8055.3	2681.0	1321.8	698.3	498.8	486.3	461.4	411.5
75°	12407.2	11347.3	9389.6	6160.0	2082.4	1147.2	598.5	436.4	436.4	424.0	374.1
77.5°	8554.1	8005.5	6546.5	4551.4	1521.3	885.3	486.3	386.6	386.6	399.0	349.1
80°	6047.7	5536.5	4663.6	3267.0	960.2	598.5	374.1	324.2	361.6	386.6	324.2
82.5°	4626.2	4252.1	3466.5	2381.7	561.1	411.5	286.8	261.9	311.7	336.7	274.3
85°	3217.1	2768.2	1758.2	1596.1	324.2	249.4	212.0	212.0	274.3	336.7	249.4
87.5°	910.3	386.6	112.2	473.8	137.2	99.8	74.8	49.9	74.8	74.8	49.9
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: P598757
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3
2.5°	7731.1	7656.3	7656.3	7631.4	7643.8	7656.3	7643.8	7731.1	7768.5	7818.4	7918.2
5°	5935.5	6035.3	5960.4	6035.3	6135.0	6284.7	6322.1	6434.3	6446.8	6534.0	6484.2
7.5°	4401.8	4389.3	4326.9	4414.2	4688.6	4900.5	5000.3	5062.6	5075.1	5075.1	5012.8
10°	3728.4	3616.2	3503.9	3441.6	3466.5	3691.0	3765.8	3803.2	3778.3	3815.7	3765.8
12.5°	3192.2	3092.4	2930.3	2818.1	2743.3	2805.6	2880.5	2917.9	2942.8	3005.2	3055.0
15°	2593.7	2493.9	2394.2	2331.8	2269.5	2219.6	2281.9	2319.3	2381.7	2431.6	2456.5
17.5°	1970.2	1920.3	1870.4	1907.8	1907.8	1882.9	1907.8	1920.3	1945.3	1982.7	1970.2
20°	1596.1	1583.6	1571.2	1633.5	1683.4	1683.4	1708.3	1670.9	1658.5	1621.0	1608.6
22.5°	1421.5	1421.5	1434.0	1483.9	1533.8	1558.7	1558.7	1496.3	1434.0	1409.1	1421.5
25°	1321.8	1321.8	1359.2	1371.7	1396.6	1396.6	1409.1	1346.7	1309.3	1271.9	1284.4
27.5°	1247.0	1247.0	1259.4	1259.4	1271.9	1271.9	1284.4	1259.4	1209.5	1197.1	1197.1
30°	1197.1	1197.1	1184.6	1184.6	1184.6	1184.6	1197.1	1159.7	1134.7	1122.3	1122.3
32.5°	1147.2	1134.7	1122.3	1122.3	1109.8	1109.8	1122.3	1084.9	1072.4	1072.4	1072.4
35°	997.6	985.1	997.6	1022.5	1022.5	1035.0	1035.0	1022.5	997.6	972.6	960.2
37.5°	935.2	922.7	922.7	922.7	947.7	960.2	972.6	947.7	910.3	872.9	872.9
40°	885.3	885.3	872.9	872.9	872.9	897.8	922.7	885.3	835.5	823.0	823.0
42.5°	847.9	835.5	823.0	810.5	798.1	835.5	860.4	810.5	785.6	785.6	785.6
45°	810.5	798.1	785.6	773.1	760.6	773.1	798.1	748.2	735.7	735.7	735.7
47.5°	773.1	760.6	735.7	723.2	710.8	710.8	735.7	698.3	685.8	698.3	698.3
50°	748.2	723.2	698.3	685.8	673.4	673.4	673.4	660.9	660.9	660.9	673.4
52.5°	723.2	698.3	660.9	648.4	635.9	635.9	635.9	635.9	623.5	635.9	648.4
55°	685.8	660.9	635.9	623.5	611.0	598.5	611.0	598.5	598.5	611.0	611.0
57.5°	635.9	611.0	586.1	586.1	573.6	573.6	586.1	573.6	573.6	586.1	586.1
60°	598.5	573.6	548.7	548.7	536.2	548.7	561.1	548.7	548.7	548.7	561.1
62.5°	548.7	536.2	511.3	511.3	511.3	511.3	523.7	511.3	523.7	523.7	523.7
65°	511.3	486.3	473.8	473.8	473.8	473.8	498.8	473.8	486.3	486.3	486.3
67.5°	473.8	448.9	436.4	436.4	436.4	436.4	461.4	436.4	448.9	461.4	448.9
70°	436.4	411.5	399.0	399.0	399.0	399.0	411.5	399.0	399.0	411.5	411.5
72.5°	386.6	374.1	361.6	361.6	349.1	361.6	374.1	361.6	361.6	361.6	361.6
75°	349.1	336.7	336.7	324.2	324.2	324.2	336.7	311.7	311.7	311.7	311.7
77.5°	324.2	299.3	299.3	299.3	286.8	299.3	286.8	261.9	261.9	261.9	261.9
80°	274.3	249.4	261.9	261.9	249.4	249.4	236.9	212.0	212.0	212.0	212.0
82.5°	224.5	199.5	212.0	212.0	212.0	212.0	187.0	174.6	162.1	149.6	149.6
85°	199.5	162.1	187.0	187.0	174.6	174.6	124.7	124.7	99.8	99.8	87.3
87.5°	37.4	24.9	49.9	62.3	62.3	74.8	49.9	62.3	37.4	24.9	24.9
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: P598757
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3
2.5°	7905.7	8042.9	8229.9	8367.1	8579.1	8741.2	8990.5	9202.5	9402.0	9489.3	9576.6
5°	6633.8	6721.1	7007.9	7232.3	7569.0	7930.6	8379.5	8865.9	9364.6	9589.1	9850.9
7.5°	4962.9	5125.0	5287.1	5611.3	6022.8	6608.9	7182.5	7905.7	8604.0	8940.7	9389.6
10°	3853.1	3977.8	4164.8	4501.5	4888.1	5374.4	6060.2	6920.6	7756.1	8192.5	8653.9
12.5°	3092.4	3267.0	3516.4	3865.6	4314.5	4813.2	5312.0	6110.1	7082.7	7581.5	8105.2
15°	2506.4	2643.5	2917.9	3354.3	3878.0	4389.3	4913.0	5573.9	6633.8	7207.4	7830.9
17.5°	1995.1	2094.9	2344.3	2780.7	3304.4	3878.0	4476.6	5312.0	6484.2	7182.5	7918.2
20°	1621.0	1695.9	1858.0	2182.2	2681.0	3304.4	4052.6	5062.6	6571.5	7469.3	8367.1
22.5°	1421.5	1446.5	1521.3	1695.9	2107.4	2768.2	3666.0	4850.7	6733.6	7893.2	9102.8
25°	1284.4	1309.3	1334.2	1446.5	1683.4	2306.9	3329.4	4726.0	7082.7	8516.7	9950.7
27.5°	1197.1	1222.0	1234.5	1284.4	1446.5	1970.2	3042.6	4651.1	7556.5	9427.0	10998.1
30°	1122.3	1122.3	1159.7	1234.5	1346.7	1733.3	2793.2	4476.6	8055.3	10187.6	11821.1
32.5°	1059.9	1072.4	1122.3	1159.7	1234.5	1533.8	2543.8	4252.1	8504.2	10811.1	12631.7
35°	947.7	947.7	960.2	1022.5	1122.3	1371.7	2319.3	4027.7	8753.6	11422.1	13354.9
37.5°	872.9	885.3	910.3	960.2	1047.4	1259.4	2132.3	3778.3	9015.5	11995.7	14202.8
40°	823.0	835.5	860.4	910.3	997.6	1159.7	1970.2	3578.8	9289.8	12619.2	15113.1
42.5°	785.6	798.1	823.0	872.9	947.7	1134.7	1795.6	3416.7	9451.9	13192.8	15973.5
45°	748.2	760.6	798.1	847.9	910.3	1109.8	1695.9	3304.4	9514.3	13579.3	16659.3
47.5°	710.8	723.2	760.6	835.5	910.3	1072.4	1658.5	3242.1	9564.1	14015.8	17208.0
50°	673.4	698.3	748.2	823.0	922.7	1022.5	1633.5	3229.6	9850.9	14576.9	17731.7
52.5°	648.4	685.8	735.7	823.0	910.3	947.7	1621.0	3267.0	10424.5	15412.4	18479.9
55°	623.5	660.9	710.8	823.0	872.9	885.3	1558.7	3329.4	11297.4	16572.0	19539.8
57.5°	598.5	623.5	685.8	798.1	823.0	835.5	1434.0	3416.7	12170.3	17706.8	20624.6
60°	561.1	586.1	648.4	798.1	748.2	785.6	1271.9	3441.6	12793.8	18068.4	20724.4
62.5°	523.7	548.7	611.0	823.0	685.8	735.7	1134.7	3354.3	12918.5	17544.7	20163.3
65°	486.3	511.3	561.1	685.8	635.9	685.8	1047.4	3117.4	12507.0	16347.6	19140.8
67.5°	448.9	473.8	511.3	561.1	573.6	623.5	1010.0	2743.3	11472.0	14863.7	17744.2
70°	399.0	424.0	461.4	498.8	511.3	586.1	947.7	2381.7	9801.1	12881.0	16035.8
72.5°	361.6	374.1	411.5	436.4	461.4	536.2	910.3	2082.4	7494.2	10424.5	13080.6
75°	311.7	311.7	349.1	374.1	399.0	473.8	835.5	1733.3	5287.1	7955.6	9614.0
77.5°	261.9	261.9	286.8	311.7	336.7	411.5	710.8	1409.1	3666.0	6309.6	6970.5
80°	199.5	199.5	224.5	249.4	274.3	349.1	573.6	1035.0	2269.5	4613.7	5075.1
82.5°	137.2	137.2	174.6	187.0	199.5	274.3	436.4	710.8	1334.2	3329.4	3628.6
85°	74.8	74.8	99.8	112.2	137.2	199.5	324.2	498.8	798.1	2406.6	2419.1
87.5°	12.5	12.5	37.4	37.4	62.3	99.8	187.0	274.3	448.9	1334.2	847.9
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: P598757
 CATALOG NUMBER: IFLD-L-SA8A-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3	8903.3
2.5°	9738.7	9875.9	9888.4	9888.4	9826.0	9838.5	9663.9	9476.9	9414.5	9402.0
5°	10250.0	10611.6	10711.3	10761.2	10599.1	10349.7	9900.8	9414.5	9165.1	9127.7
7.5°	10150.2	10873.5	11260.0	11309.9	10985.7	10399.6	9614.0	8865.9	8579.1	8504.2
10°	9564.1	10536.8	11235.1	11409.6	11060.5	10312.3	9289.8	8416.9	8067.8	8005.5
12.5°	9152.7	10087.9	10773.7	11010.6	10848.5	10200.1	9127.7	8130.1	7781.0	7693.7
15°	8928.2	9788.6	10237.5	10312.3	10299.9	10025.5	9127.7	8192.5	7805.9	7706.2
17.5°	9115.2	9701.3	9763.7	9589.1	9688.8	9826.0	9327.2	8529.2	8155.1	8067.8
20°	9489.3	9663.9	9364.6	9102.8	9152.7	9589.1	9639.0	9165.1	8865.9	8716.2
22.5°	10274.9	9801.1	9115.2	8753.6	8791.0	9402.0	10050.5	10025.5	9763.7	9688.8
25°	11073.0	10187.6	9040.4	8616.5	8666.3	9364.6	10536.8	10985.7	10848.5	10811.1
27.5°	11958.3	10836.0	9090.3	8554.1	8616.5	9414.5	10873.5	11796.2	11821.1	11783.7
30°	12556.8	11147.8	9239.9	8628.9	8716.2	9539.2	10948.3	12282.5	12507.0	12519.4
32.5°	13055.6	11459.5	9551.7	8753.6	8903.3	9763.7	11147.8	12743.9	13242.7	13255.1
35°	13454.6	11808.7	9938.2	8978.1	9202.5	10137.7	11409.6	13180.3	13928.5	14015.8
37.5°	13965.9	12195.2	10387.1	9464.4	9713.8	10673.9	11871.0	13691.6	14739.0	14975.9
40°	14514.6	12581.8	11035.6	10250.0	10611.6	11472.0	12394.7	14265.2	15424.8	15749.0
42.5°	15125.6	12993.3	11771.3	11309.9	11858.5	12482.0	12993.3	14788.9	15948.6	16322.6
45°	15724.1	13492.1	12843.6	12756.4	13367.4	13679.1	13579.3	15163.0	16447.3	16821.4
47.5°	16148.1	14215.3	14140.5	14664.2	15237.8	15075.7	14265.2	15437.3	16858.8	17270.3
50°	16534.6	15113.1	15774.0	16796.5	17145.6	16597.0	15000.9	15811.4	17295.3	17756.6
52.5°	17108.2	16073.3	17457.4	18729.3	19065.9	18193.1	15798.9	16422.4	17968.6	18380.1
55°	18280.4	17158.1	19215.6	20674.5	20736.9	19652.0	16871.3	17457.4	18916.3	19390.2
57.5°	19589.7	18492.3	20612.2	22283.1	22258.2	21111.0	18080.9	18854.0	20200.7	20524.9
60°	20774.3	19839.1	22133.5	23430.3	23367.9	22170.9	19489.9	20437.6	21672.1	21921.5
62.5°	21472.6	21061.1	22806.8	23791.9	23555.0	22520.0	20687.0	21846.7	22719.5	22806.8
65°	21360.3	21759.4	22021.2	22632.2	22295.6	21547.4	21273.1	22744.5	22831.8	22744.5
67.5°	20512.4	21360.3	19864.0	19926.3	19751.8	19115.8	20362.8	22507.5	21909.0	21697.0
70°	19228.1	19290.4	16609.4	15823.9	16098.2	15225.3	17469.8	20662.0	19739.3	19477.4
72.5°	17095.8	16322.6	12556.8	11758.8	12170.3	11546.8	14015.8	18006.0	17108.2	16260.3
75°	14340.0	12930.9	9564.1	8429.4	8641.4	8616.5	10861.0	14876.2	13255.1	12407.2
77.5°	11110.4	10075.4	7057.8	6621.3	6396.9	6446.8	7581.5	11060.5	9614.0	8554.1
80°	8117.7	7045.3	5461.7	5711.1	5586.4	5287.1	5312.0	7406.9	6683.7	6047.7
82.5°	5611.3	5012.8	4426.7	5000.3	4701.0	4239.6	4139.9	5337.0	5012.8	4626.2
85°	3765.8	4127.4	3516.4	3828.2	3316.9	3055.0	3890.5	4464.1	3603.7	3217.1
87.5°	2456.5	3778.3	2531.3	1920.3	1097.3	1471.4	2381.7	2930.3	1683.4	910.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)