

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: P598931

Luminaire Tested: **IFLD-L-SA8A-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598931
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (128) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

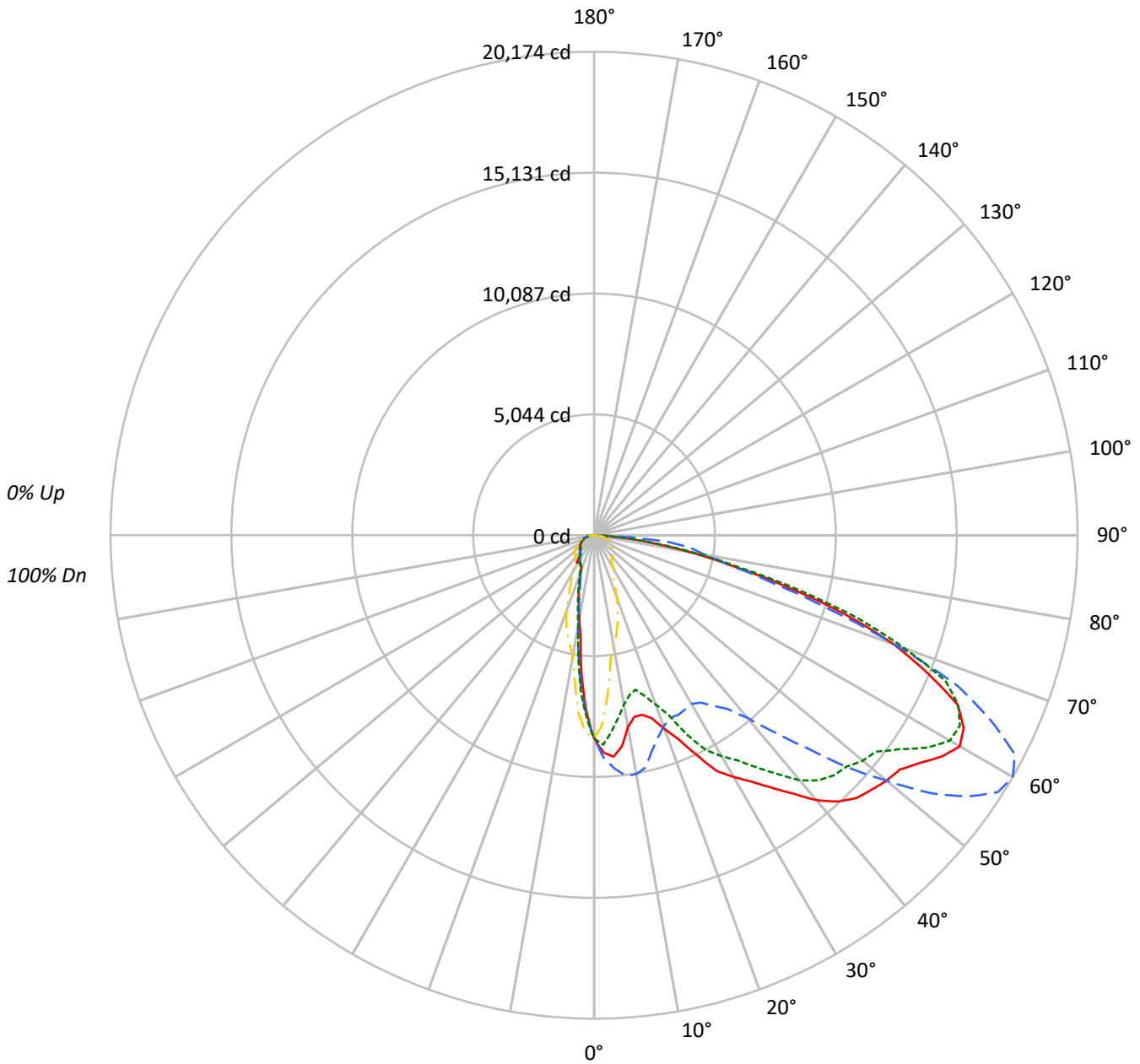
Lumens per Lamp: N/A
 Luminaire Lumens: 26533.5 lumens
 Efficiency: N/A
 Efficacy: 107.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P598931
CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	45610	45610	45610	45610
5°	50108	44512	31922	34847
10°	44384	39174	19362	20777
15°	43219	37185	13707	14232
20°	49279	43010	8966	9909
25°	60041	54519	7829	8108
30°	72343	66125	8119	7534
35°	84371	77642	6728	6342
40°	101383	93776	6284	5954
45°	117986	107773	6361	5912
50°	133340	122499	6504	6110
55°	155504	146006	6737	6406
60°	189662	184468	6715	6715
65°	213147	213448	6895	7195
70°	209480	216888	7223	7408
75°	172798	184302	7588	8077
80°	124764	130966	8390	8756
85°	69050	74138	9448	11628

TEST NUMBER: P598931
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	658.4	2.5
10°-20°	1390.0	5.2
20°-30°	2033.8	7.7
30°-40°	2865.5	10.8
40°-50°	3938.0	14.8
50°-60°	5367.1	20.2
60°-70°	5874.0	22.1
70°-80°	3391.3	12.8
80°-90°	1015.6	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°	4082.2	15.4
0°-40°	6947.6	26.2
0°-60°	16252.7	61.3
0°-90°	26533.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26533.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8475	8475	8475	8475	8475	
5°	9275	8239	5909	6450	9275	842
15°	7757	6674	2460	2554	7757	2266
25°	10111	9181	1318	1365	10111	4735
35°	12842	11817	1024	965	12842	8143
45°	15502	14160	836	777	15502	11914
55°	16573	15560	718	683	16573	14953
65°	16737	16761	541	565	16737	16020
75°	8310	8863	365	388	8310	8926
85°	1118	1201	153	188	1118	1551
90°	0	0	0	0	0	

TEST NUMBER: P598931
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7
2.5°	9074.9	9039.6	9074.9	9204.4	9239.7	9298.6	9298.6	9216.2	9063.2	8992.5	8874.8
5°	9275.0	9216.2	9510.4	9781.2	9993.0	9969.5	9769.4	9604.6	9298.6	8839.5	8404.0
7.5°	8874.8	8933.7	9145.6	9851.8	10346.1	10440.3	10122.5	9792.9	9133.8	8498.2	7909.7
10°	8121.5	8203.9	8663.0	9392.7	10169.6	10322.6	10122.5	9722.3	8933.7	8145.1	7462.4
12.5°	7756.7	7945.0	8215.7	9098.5	9651.7	10016.6	9922.4	9663.5	8780.7	7850.8	7191.7
15°	7756.7	7803.7	8203.9	8945.5	9263.3	9275.0	9310.3	9357.4	8827.8	7980.3	7097.5
17.5°	8003.8	8133.3	8474.7	8933.7	8992.5	8851.3	8851.3	9051.4	8921.9	8345.2	7438.9
20°	8604.1	8557.0	9004.3	9192.6	8874.8	8521.7	8486.4	8827.8	9027.9	8733.6	8062.7
22.5°	9204.4	9416.3	9781.2	9357.4	8768.9	8298.1	8251.0	8674.7	9345.7	9404.5	8780.7
25°	10110.7	10322.6	10510.9	9993.0	8757.1	8239.2	8274.6	8604.1	9734.1	10357.9	9981.3
27.5°	11087.7	11217.1	11487.9	10687.5	9039.6	8168.6	8203.9	8698.3	10099.0	10981.7	10922.9
30°	11640.9	11782.1	11723.3	10817.0	9228.0	8215.7	8121.5	8827.8	9898.9	10981.7	11534.9
32.5°	12182.3	12099.9	12064.6	11028.8	9463.4	8510.0	8274.6	9098.5	10016.6	11158.3	12323.6
35°	12841.5	12723.7	12629.6	11440.8	9851.8	8792.5	8686.5	9451.6	10275.5	11523.2	12959.2
37.5°	13571.2	13571.2	13112.2	11746.8	10310.8	9251.5	9133.8	9957.7	10687.5	11746.8	13830.2
40°	14430.4	14465.8	13653.6	12158.8	10828.7	9981.3	9945.9	10616.9	11087.7	12076.4	14665.9
42.5°	15066.0	15089.6	14124.4	12311.8	11429.0	10993.5	11146.5	11676.2	11546.7	12370.6	14724.7
45°	15501.5	15383.8	14454.0	12747.3	12088.1	12511.9	12559.0	12712.0	12147.0	12547.2	14960.1
47.5°	15713.4	15689.9	14595.2	13253.4	13477.0	14053.8	14324.5	14112.6	12700.2	12358.9	14960.1
50°	15925.3	15725.2	14724.7	13947.9	14830.6	15995.9	15937.1	15548.6	13465.3	12594.3	14736.5
52.5°	16066.5	15890.0	14983.7	14571.7	16125.4	17443.7	17679.1	16961.1	14359.8	13029.8	14842.4
55°	16572.7	16431.4	15760.5	15419.2	17620.2	18973.8	19009.1	18008.6	15301.5	13747.8	15536.9
57.5°	17184.7	17267.1	16831.6	16619.7	18761.9	20092.0	19962.5	18785.5	16101.8	14618.8	16337.2
60°	17620.2	17749.7	17643.8	17667.3	19326.9	20468.6	20174.4	19268.1	16690.4	15277.9	17314.2
62.5°	17384.8	17643.8	18079.3	17985.1	19350.5	20197.9	19786.0	18632.5	16761.0	16137.1	18055.7
65°	16737.4	16761.0	17608.4	18126.3	18291.1	18797.2	18255.8	17302.4	16031.2	16666.8	17949.8
67.5°	15077.8	15266.1	16031.2	17043.5	16349.0	16466.7	16419.6	15042.5	14924.8	16301.9	17137.6
70°	13312.3	13441.7	14277.4	15466.2	13806.6	13253.4	13359.3	12335.3	12817.9	15172.0	15501.5
72.5°	11005.3	11087.7	12041.1	13088.6	11075.9	10087.2	10334.4	9498.7	10181.4	13277.0	13076.9
75°	8309.9	8462.9	9204.4	10440.3	8156.9	7521.3	7768.4	7427.1	8062.7	10934.7	10146.0
77.5°	5908.7	5791.0	6709.1	8168.6	6132.4	5755.7	5779.2	5838.1	6520.8	9216.2	7285.8
80°	4025.5	4060.8	4884.7	5991.1	4814.1	4755.2	4696.4	5167.2	5473.2	7297.6	5296.7
82.5°	2389.4	2389.4	3295.7	4260.9	3801.8	4284.4	4013.7	4437.4	4284.4	5367.3	3472.3
85°	1118.2	1118.2	1694.9	3072.1	2942.6	3531.1	3001.4	3354.5	3166.2	3743.0	1565.5
87.5°	188.3	164.8	341.3	1506.6	1212.3	1377.1	541.4	1789.1	1989.2	2613.0	388.4
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: P598931
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7
2.5°	8745.4	8663.0	8498.2	8286.3	8109.8	7886.1	7815.5	7662.5	7450.6	7427.1	7332.9
5°	8239.2	7956.8	7603.6	7168.1	6873.9	6567.9	6308.9	6155.9	5979.3	5955.8	5908.7
7.5°	7686.0	7332.9	6744.4	6226.5	5720.4	5237.8	5002.4	4708.1	4508.0	4355.0	4284.4
10°	7168.1	6838.6	6108.8	5402.6	4955.3	4637.5	4355.0	4049.0	3801.8	3613.5	3542.9
12.5°	6826.8	6438.4	5649.8	4978.9	4649.3	4284.4	3966.6	3637.0	3319.2	3072.1	2942.6
15°	6673.8	6308.9	5508.5	4767.0	4284.4	3778.3	3413.4	3083.8	2695.4	2518.9	2460.0
17.5°	7038.7	6497.2	5461.4	4519.8	3837.1	3260.4	2813.1	2460.0	2177.5	2001.0	1930.3
20°	7509.5	6838.6	5543.8	4225.6	3413.4	2766.0	2271.7	1895.0	1706.7	1577.2	1565.5
22.5°	8109.8	7344.7	5673.3	4013.7	2942.6	2224.6	1777.3	1553.7	1424.2	1412.4	1388.9
25°	9180.9	8262.8	5885.2	3731.2	2565.9	1836.2	1518.4	1388.9	1330.0	1294.7	1318.3
27.5°	10099.0	8863.1	6038.2	3554.6	2412.9	1730.2	1471.3	1330.0	1271.2	1259.4	1271.2
30°	10640.4	9416.3	5991.1	3225.1	2106.9	1647.8	1565.5	1518.4	1400.7	1306.5	1306.5
32.5°	11134.8	9769.4	5979.3	2930.8	1800.9	1377.1	1306.5	1271.2	1341.8	1388.9	1353.6
35°	11817.4	10322.6	5944.0	2766.0	1671.4	1271.2	1153.5	1059.3	1012.3	988.7	1024.0
37.5°	12547.2	10699.2	5849.9	2742.5	1600.8	1212.3	1118.2	1024.0	976.9	953.4	941.6
40°	13347.6	11099.4	5743.9	2624.8	1565.5	1177.0	1082.9	1000.5	941.6	906.3	894.5
42.5°	13865.5	11417.2	5638.0	2565.9	1494.8	1153.5	1047.6	976.9	918.1	871.0	871.0
45°	14159.7	11793.9	5532.1	2507.1	1412.4	1165.3	1047.6	953.4	882.8	859.2	835.7
47.5°	14289.2	12076.4	5496.8	2412.9	1341.8	1118.2	1024.0	929.9	859.2	812.2	800.4
50°	14630.5	12676.7	5626.2	2342.3	1259.4	1071.1	1082.9	918.1	847.5	788.6	776.8
52.5°	14830.6	13159.3	5908.7	2236.4	1200.6	1012.3	1059.3	894.5	812.2	753.3	753.3
55°	15560.4	13959.6	6214.7	2154.0	1130.0	929.9	976.9	847.5	753.3	718.0	718.0
57.5°	16490.3	14807.1	6473.7	2118.7	1082.9	871.0	871.0	823.9	718.0	670.9	659.1
60°	17137.6	15501.5	6626.7	2095.1	1035.8	812.2	776.8	823.9	682.7	635.6	623.8
62.5°	17208.3	15101.4	6473.7	2083.4	1024.0	753.3	706.2	788.6	647.4	600.3	576.7
65°	16761.0	14289.2	6050.0	2036.3	1012.3	694.5	659.1	682.7	600.3	565.0	541.4
67.5°	15866.4	12970.9	5437.9	2012.7	1000.5	647.4	600.3	588.5	553.2	517.9	494.4
70°	13783.1	11252.5	4719.9	1906.8	976.9	612.1	541.4	529.7	494.4	470.8	459.0
72.5°	11570.3	9204.4	3896.0	1765.6	929.9	553.2	494.4	470.8	459.0	423.7	412.0
75°	8863.1	7085.8	3119.1	1565.5	812.2	494.4	435.5	412.0	400.2	376.7	364.9
77.5°	6226.5	5273.1	2307.0	1271.2	682.7	447.3	388.4	364.9	353.1	317.8	317.8
80°	4225.6	3695.9	1565.5	882.8	529.7	364.9	341.3	317.8	294.3	270.7	270.7
82.5°	2624.8	2589.5	1130.0	576.7	388.4	294.3	270.7	270.7	235.4	211.9	211.9
85°	1200.6	1589.0	788.6	400.2	294.3	223.6	223.6	211.9	188.3	153.0	153.0
87.5°	376.7	529.7	412.0	176.6	164.8	129.5	129.5	117.7	117.7	94.2	94.2
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: P598931
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7
2.5°	7427.1	7415.3	7415.3	7368.2	7485.9	7485.9	7556.6	7497.7	7533.0	7544.8	7639.0
5°	5896.9	5991.1	6061.7	6203.0	6285.4	6320.7	6320.7	6414.8	6379.5	6450.2	6591.4
7.5°	4319.7	4437.4	4649.3	4825.8	4967.1	5014.2	5002.4	5025.9	5061.3	4978.9	5002.4
10°	3495.8	3413.4	3484.0	3648.8	3778.3	3931.3	3813.6	3801.8	3837.1	3801.8	3872.4
12.5°	2919.0	2824.9	2766.0	2766.0	2860.2	2930.8	2895.5	2954.4	3083.8	3119.1	3201.5
15°	2365.8	2283.4	2236.4	2177.5	2271.7	2295.2	2330.5	2412.9	2507.1	2554.2	2648.3
17.5°	1895.0	1895.0	1895.0	1847.9	1883.3	1918.6	1930.3	2036.3	2048.0	2095.1	2130.4
20°	1553.7	1589.0	1647.8	1671.4	1706.7	1706.7	1683.2	1742.0	1694.9	1730.2	1753.8
22.5°	1400.7	1447.8	1471.3	1483.1	1530.1	1541.9	1483.1	1494.8	1506.6	1471.3	1483.1
25°	1318.3	1341.8	1318.3	1330.0	1341.8	1318.3	1330.0	1353.6	1341.8	1365.4	1353.6
27.5°	1283.0	1259.4	1247.7	1235.9	1235.9	1212.3	1224.1	1224.1	1247.7	1259.4	1259.4
30°	1283.0	1247.7	1200.6	1165.3	1165.3	1130.0	1153.5	1177.0	1188.8	1212.3	1212.3
32.5°	1318.3	1247.7	1165.3	1130.0	1094.6	1071.1	1094.6	1130.0	1177.0	1188.8	1200.6
35°	1047.6	1082.9	1071.1	1024.0	1012.3	1012.3	1000.5	1000.5	965.2	965.2	953.4
37.5°	941.6	929.9	953.4	965.2	976.9	941.6	941.6	894.5	882.8	894.5	894.5
40°	882.8	882.8	882.8	918.1	929.9	906.3	871.0	847.5	847.5	847.5	859.2
42.5°	859.2	835.7	823.9	847.5	882.8	859.2	823.9	812.2	812.2	823.9	823.9
45°	823.9	812.2	800.4	788.6	835.7	800.4	788.6	776.8	776.8	776.8	788.6
47.5°	788.6	776.8	753.3	753.3	765.1	753.3	741.5	741.5	741.5	765.1	765.1
50°	765.1	753.3	729.8	729.8	729.8	729.8	718.0	718.0	718.0	729.8	741.5
52.5°	729.8	718.0	706.2	694.5	694.5	694.5	694.5	694.5	694.5	706.2	718.0
55°	694.5	682.7	670.9	670.9	682.7	682.7	670.9	682.7	670.9	682.7	694.5
57.5°	659.1	647.4	635.6	647.4	659.1	647.4	647.4	647.4	647.4	647.4	659.1
60°	612.1	612.1	612.1	612.1	635.6	635.6	635.6	635.6	612.1	623.8	635.6
62.5°	588.5	576.7	576.7	588.5	600.3	600.3	612.1	600.3	588.5	600.3	600.3
65°	541.4	541.4	541.4	553.2	553.2	565.0	565.0	565.0	553.2	565.0	565.0
67.5°	506.1	506.1	506.1	506.1	529.7	529.7	529.7	529.7	517.9	517.9	529.7
70°	447.3	459.0	447.3	470.8	494.4	482.6	494.4	494.4	482.6	470.8	494.4
72.5°	412.0	412.0	412.0	412.0	447.3	447.3	447.3	459.0	447.3	435.5	447.3
75°	364.9	364.9	364.9	376.7	400.2	400.2	400.2	400.2	400.2	388.4	388.4
77.5°	317.8	329.6	317.8	329.6	353.1	341.3	353.1	364.9	353.1	341.3	341.3
80°	270.7	270.7	270.7	282.5	294.3	294.3	294.3	306.0	294.3	282.5	282.5
82.5°	211.9	211.9	223.6	223.6	235.4	235.4	235.4	247.2	235.4	223.6	223.6
85°	164.8	164.8	164.8	176.6	176.6	188.3	188.3	200.1	200.1	188.3	188.3
87.5°	105.9	94.2	105.9	105.9	117.7	117.7	105.9	94.2	105.9	94.2	82.4
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: P598931
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7	8474.7
2.5°	7733.1	7945.0	8098.0	8203.9	8356.9	8651.2	8768.9	8980.8	9039.6	9074.9
5°	6650.2	6873.9	7203.5	7438.9	7709.6	8262.8	8686.5	9004.3	9145.6	9275.0
7.5°	5214.3	5508.5	5849.9	6155.9	6603.2	7285.8	7839.1	8498.2	8745.4	8874.8
10°	4072.5	4343.3	4719.9	5096.6	5720.4	6297.1	7085.8	7686.0	8027.4	8121.5
12.5°	3436.9	3754.7	4202.0	4661.1	5049.5	5708.6	6509.0	7380.0	7697.8	7756.7
15°	2919.0	3354.5	3813.6	4284.4	4731.7	5308.4	6167.7	7227.0	7697.8	7756.7
17.5°	2412.9	2801.3	3342.8	3848.9	4366.8	5155.4	6226.5	7356.5	7827.3	8003.8
20°	1918.6	2295.2	2719.0	3354.5	4060.8	4896.5	6356.0	7792.0	8415.8	8604.1
22.5°	1589.0	1753.8	2165.7	2777.8	3613.5	4719.9	6485.5	8474.7	9133.8	9204.4
25°	1388.9	1506.6	1765.6	2342.3	3260.4	4602.2	6791.5	9263.3	10110.7	10110.7
27.5°	1294.7	1341.8	1518.4	2036.3	3013.2	4496.3	7097.5	10134.3	10922.9	11087.7
30°	1271.2	1388.9	1483.1	1812.6	2742.5	4202.0	7380.0	10817.0	11629.1	11640.9
32.5°	1247.7	1224.1	1294.7	1577.2	2412.9	3896.0	7615.4	11511.4	12147.0	12182.3
35°	976.9	1024.0	1141.7	1388.9	2165.7	3672.3	7733.1	11888.1	12806.1	12841.5
37.5°	918.1	976.9	1071.1	1283.0	2001.0	3484.0	7768.4	12617.8	13500.6	13571.2
40°	894.5	941.6	1012.3	1188.8	1871.5	3248.6	7839.1	13371.1	14524.6	14430.4
42.5°	847.5	906.3	976.9	1141.7	1765.6	3072.1	7850.8	13783.1	15066.0	15066.0
45°	835.7	871.0	953.4	1141.7	1647.8	2919.0	7662.5	14195.0	15689.9	15501.5
47.5°	788.6	859.2	929.9	1106.4	1506.6	2766.0	7438.9	14406.9	15772.3	15713.4
50°	776.8	847.5	965.2	1047.6	1424.2	2695.4	7391.8	14936.6	15937.1	15925.3
52.5°	753.3	823.9	1000.5	1000.5	1318.3	2601.2	7615.4	15172.0	15972.4	16066.5
55°	718.0	823.9	929.9	918.1	1224.1	2483.5	7862.6	15784.0	16596.2	16572.7
57.5°	694.5	800.4	882.8	835.7	1118.2	2401.2	8227.5	16372.6	17349.5	17184.7
60°	659.1	800.4	788.6	776.8	1035.8	2330.5	8533.5	16490.3	17514.3	17620.2
62.5°	635.6	835.7	694.5	718.0	965.2	2295.2	8404.0	15607.5	17290.6	17384.8
65°	612.1	718.0	635.6	659.1	941.6	2224.6	7897.9	14548.2	16325.5	16737.4
67.5°	565.0	588.5	588.5	612.1	918.1	2059.8	6862.1	12641.4	14854.2	15077.8
70°	517.9	529.7	529.7	565.0	894.5	1871.5	5661.5	10934.7	12888.5	13312.3
72.5°	470.8	470.8	470.8	517.9	823.9	1718.5	4661.1	8404.0	10711.0	11005.3
75°	412.0	412.0	412.0	459.0	741.5	1565.5	3672.3	6250.1	7886.1	8309.9
77.5°	364.9	364.9	353.1	412.0	647.4	1271.2	2648.3	4413.9	5555.6	5908.7
80°	306.0	294.3	294.3	329.6	506.1	918.1	1706.7	3119.1	3872.4	4025.5
82.5°	247.2	235.4	223.6	247.2	364.9	576.7	1059.3	2177.5	2483.5	2389.4
85°	235.4	247.2	200.1	188.3	258.9	376.7	670.9	1341.8	1118.2	1118.2
87.5°	94.2	82.4	82.4	70.6	129.5	141.2	294.3	247.2	188.3	188.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)