

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: P598613

Luminaire Tested: **IFLD-L-SA8B-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598613
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

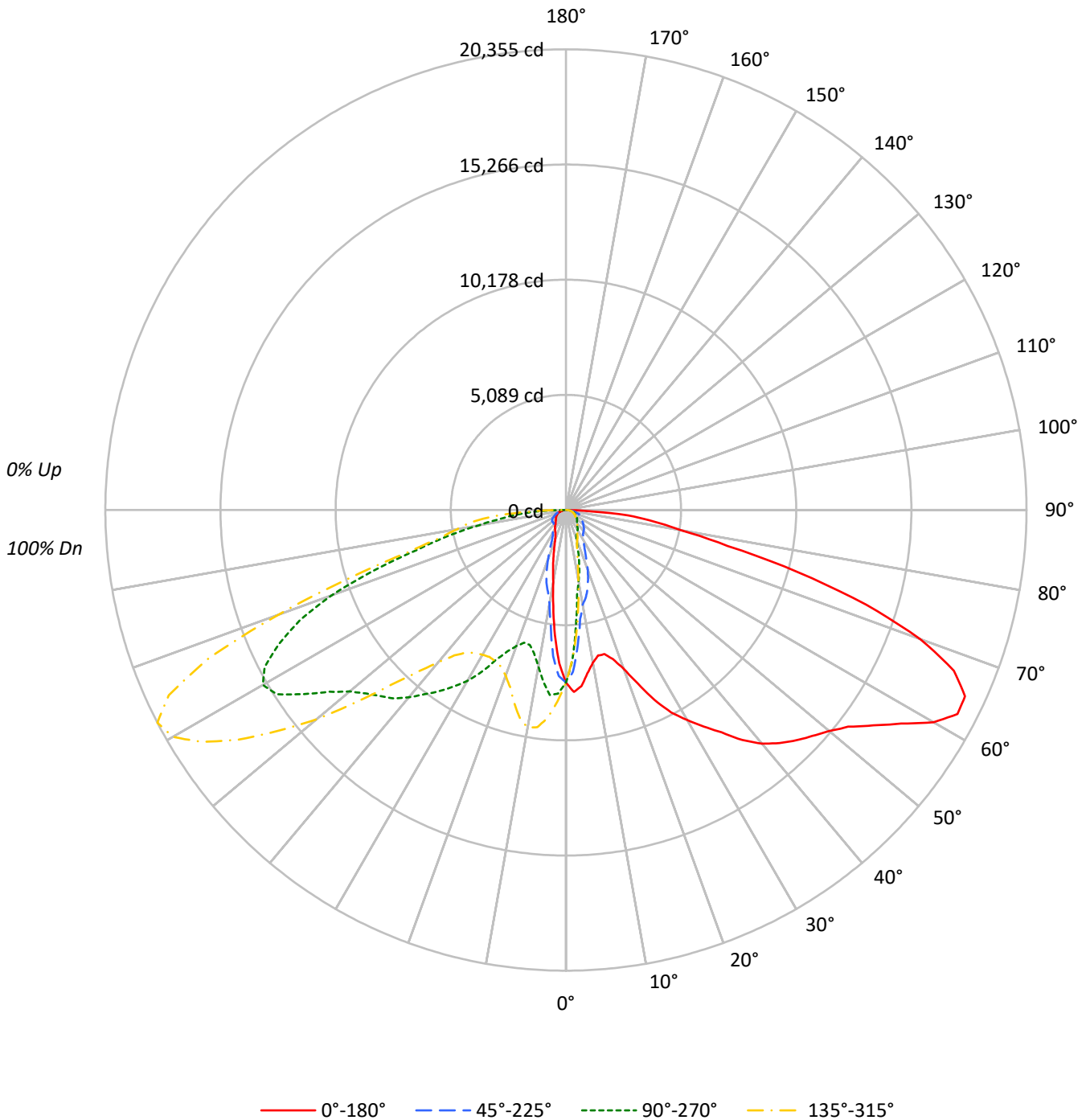
Lumens per Lamp: N/A
 Luminaire Lumens: 25499.2 lumens
 Efficiency: N/A
 Efficacy: 79.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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



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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	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			
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77					77			
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59					59			
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46					46			
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36					36			
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30					30			
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25					25			
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21					21			
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18					18			
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16					16			
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14					14			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40995	40995	40995	40995
5°	42189	27435	29970	44321
10°	37430	17432	17607	38304
15°	36734	12364	11710	34357
20°	42709	7821	7882	36599
25°	54925	6715	6525	43269
30°	66563	6364	5967	54165
35°	78783	5608	5397	64204
40°	94663	5321	4947	75850
45°	109536	5278	4791	88424
50°	127196	5359	4824	104419
55°	155657	5505	4905	133034
60°	201874	5512	5168	166391
65°	247804	5570	5299	178109
70°	262217	5876	5539	173412
75°	220727	6211	5546	141532
80°	160363	7274	5622	122337
85°	169964	10541	4613	127145

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.5	2.3
10°-20°	1233.7	4.8
20°-30°	1777.9	7.0
30°-40°	2559.5	10.0
40°-50°	3635.6	14.3
50°-60°	5227.0	20.5
60°-70°	6038.9	23.7
70°-80°	3419.3	13.4
80°-90°	1017.6	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°	3601.2	14.1
0°-40°	6160.7	24.2
0°-60°	15023.3	58.9
0°-90°	25499.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25499.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7617	7617	7617	7617	7617	
5°	7809	5078	5548	8204	7809	709
15°	6593	2219	2102	6166	6593	1939
25°	9249	1131	1099	7286	9249	4293
35°	11991	854	821	9772	11991	7610
45°	14391	693	629	11618	14391	11143
55°	16589	587	523	14178	16589	15024
65°	19459	437	416	13986	19459	18659
75°	10615	299	267	6806	10615	11263
85°	2752	171	75	2059	2752	2741
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°	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1
2.5°	8043.8	8033.1	7969.1	7766.4	7553.1	7350.4	7158.3	6955.6	6849.0	6720.9	6667.6
5°	7809.1	7787.8	7606.4	7158.3	6763.6	6336.9	5974.2	5686.1	5451.4	5216.7	5131.4
7.5°	7275.7	7243.7	7030.3	6411.6	5835.5	5280.7	4843.4	4470.0	4160.6	4021.9	3861.9
10°	6849.0	6795.6	6518.3	5835.5	5088.7	4534.0	4245.9	3989.9	3723.2	3499.2	3264.5
12.5°	6582.3	6518.3	6230.2	5430.1	4704.7	4288.6	3989.9	3701.9	3371.1	3093.8	2837.7
15°	6592.9	6518.3	6166.2	5323.4	4608.7	4075.2	3659.2	3264.5	2880.4	2571.0	2283.0
17.5°	6902.3	6806.3	6432.9	5472.8	4534.0	3797.9	3243.1	2731.1	2293.7	1962.9	1728.2
20°	7457.1	7393.0	6966.3	5696.8	4459.3	3499.2	2816.4	2197.6	1738.9	1482.9	1386.9
22.5°	8289.2	8214.5	7755.8	6038.2	4438.0	3232.5	2357.7	1728.2	1397.5	1290.8	1237.5
25°	9249.3	9110.6	8683.9	6614.3	4480.6	2987.1	1984.3	1429.5	1248.2	1173.5	1141.5
27.5°	10081.4	9996.1	9516.0	7158.3	4502.0	2795.1	1728.2	1301.5	1162.8	1098.8	1077.5
30°	10710.8	10678.8	10209.4	7755.8	4448.6	2560.4	1568.2	1248.2	1162.8	1098.8	1034.8
32.5°	11340.3	11350.9	10849.5	8214.5	4374.0	2357.7	1418.9	1109.5	1024.1	981.5	992.1
35°	11991.0	12044.4	11617.6	8662.6	4213.9	2283.0	1312.2	1034.8	960.1	896.1	864.1
37.5°	12812.5	12951.2	12535.1	9164.0	4053.9	2219.0	1258.8	981.5	906.8	853.5	810.8
40°	13473.9	13729.9	13484.6	9633.4	3947.2	2144.3	1216.2	928.1	874.8	810.8	778.8
42.5°	13964.6	14263.3	14178.0	9996.1	3947.2	2069.6	1173.5	896.1	853.5	778.8	736.1
45°	14391.4	14700.7	14690.1	10369.5	4032.6	2027.0	1120.2	896.1	832.1	757.4	714.8
47.5°	14775.4	15084.8	15191.5	10838.9	4171.3	2005.6	1056.1	874.8	832.1	746.8	682.8
50°	15191.5	15532.9	15852.9	11585.6	4341.9	1952.3	1013.5	842.8	842.8	736.1	661.4
52.5°	15724.9	16108.9	16695.7	12513.8	4512.6	1856.3	949.5	821.4	842.8	725.4	640.1
55°	16589.0	16909.1	17677.2	13623.3	4726.0	1738.9	896.1	768.1	800.1	693.4	608.1
57.5°	17559.8	17837.2	18477.3	14476.7	4790.0	1589.6	821.4	714.8	768.1	661.4	565.4
60°	18754.7	18893.3	18893.3	14722.1	4576.6	1450.9	768.1	672.1	693.4	629.4	533.4
62.5°	19512.1	19512.1	18893.3	14274.0	4171.3	1333.5	725.4	629.4	608.1	586.7	501.4
65°	19458.8	19373.4	18455.9	12972.5	3701.9	1258.8	682.8	576.1	544.1	533.4	469.4
67.5°	18562.6	18413.3	17165.1	11137.6	3211.1	1226.8	640.1	522.7	501.4	480.1	426.7
70°	16663.7	16279.6	14743.4	8961.3	2731.1	1205.5	629.4	480.1	458.7	437.4	394.7
72.5°	13911.3	13420.6	11511.0	6891.6	2293.7	1130.8	597.4	426.7	416.1	394.7	352.0
75°	10614.8	9708.0	8033.1	5270.1	1781.6	981.5	512.1	373.4	373.4	362.7	320.0
77.5°	7318.4	6849.0	5600.8	3893.9	1301.5	757.4	416.1	330.7	330.7	341.4	298.7
80°	5174.1	4736.7	3989.9	2795.1	821.4	512.1	320.0	277.4	309.4	330.7	277.4
82.5°	3957.9	3637.8	2965.8	2037.6	480.1	352.0	245.4	224.0	266.7	288.0	234.7
85°	2752.4	2368.3	1504.2	1365.5	277.4	213.4	181.4	181.4	234.7	288.0	213.4
87.5°	778.8	330.7	96.0	405.4	117.3	85.3	64.0	42.7	64.0	64.0	42.7
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°	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1
2.5°	6614.3	6550.3	6550.3	6528.9	6539.6	6550.3	6539.6	6614.3	6646.3	6688.9	6774.3
5°	5078.1	5163.4	5099.4	5163.4	5248.7	5376.8	5408.8	5504.8	5515.4	5590.1	5547.5
7.5°	3765.9	3755.2	3701.9	3776.5	4011.2	4192.6	4277.9	4331.3	4341.9	4341.9	4288.6
10°	3189.8	3093.8	2997.8	2944.4	2965.8	3157.8	3221.8	3253.8	3232.5	3264.5	3221.8
12.5°	2731.1	2645.7	2507.0	2411.0	2347.0	2400.3	2464.3	2496.4	2517.7	2571.0	2613.7
15°	2219.0	2133.6	2048.3	1994.9	1941.6	1898.9	1952.3	1984.3	2037.6	2080.3	2101.6
17.5°	1685.6	1642.9	1600.2	1632.2	1632.2	1610.9	1632.2	1642.9	1664.2	1696.2	1685.6
20°	1365.5	1354.9	1344.2	1397.5	1440.2	1440.2	1461.5	1429.5	1418.9	1386.9	1376.2
22.5°	1216.2	1216.2	1226.8	1269.5	1312.2	1333.5	1333.5	1280.2	1226.8	1205.5	1216.2
25°	1130.8	1130.8	1162.8	1173.5	1194.8	1194.8	1205.5	1152.2	1120.2	1088.2	1098.8
27.5°	1066.8	1066.8	1077.5	1077.5	1088.2	1088.2	1098.8	1077.5	1034.8	1024.1	1024.1
30°	1024.1	1024.1	1013.5	1013.5	1013.5	1013.5	1024.1	992.1	970.8	960.1	960.1
32.5°	981.5	970.8	960.1	960.1	949.5	949.5	960.1	928.1	917.5	917.5	917.5
35°	853.5	842.8	853.5	874.8	874.8	885.5	885.5	874.8	853.5	832.1	821.4
37.5°	800.1	789.4	789.4	789.4	810.8	821.4	832.1	810.8	778.8	746.8	746.8
40°	757.4	757.4	746.8	746.8	746.8	768.1	789.4	757.4	714.8	704.1	704.1
42.5°	725.4	714.8	704.1	693.4	682.8	714.8	736.1	693.4	672.1	672.1	672.1
45°	693.4	682.8	672.1	661.4	650.8	661.4	682.8	640.1	629.4	629.4	629.4
47.5°	661.4	650.8	629.4	618.8	608.1	608.1	629.4	597.4	586.7	597.4	597.4
50°	640.1	618.8	597.4	586.7	576.1	576.1	576.1	565.4	565.4	565.4	576.1
52.5°	618.8	597.4	565.4	554.7	544.1	544.1	544.1	544.1	533.4	544.1	554.7
55°	586.7	565.4	544.1	533.4	522.7	512.1	522.7	512.1	512.1	522.7	522.7
57.5°	544.1	522.7	501.4	501.4	490.7	490.7	501.4	490.7	490.7	501.4	501.4
60°	512.1	490.7	469.4	469.4	458.7	469.4	480.1	469.4	469.4	469.4	480.1
62.5°	469.4	458.7	437.4	437.4	437.4	437.4	448.1	437.4	448.1	448.1	448.1
65°	437.4	416.1	405.4	405.4	405.4	405.4	426.7	405.4	416.1	416.1	416.1
67.5°	405.4	384.1	373.4	373.4	373.4	373.4	394.7	373.4	384.1	394.7	384.1
70°	373.4	352.0	341.4	341.4	341.4	341.4	352.0	341.4	341.4	352.0	352.0
72.5°	330.7	320.0	309.4	309.4	298.7	309.4	320.0	309.4	309.4	309.4	309.4
75°	298.7	288.0	288.0	277.4	277.4	277.4	288.0	266.7	266.7	266.7	266.7
77.5°	277.4	256.0	256.0	256.0	245.4	256.0	245.4	224.0	224.0	224.0	224.0
80°	234.7	213.4	224.0	224.0	213.4	213.4	202.7	181.4	181.4	181.4	181.4
82.5°	192.0	170.7	181.4	181.4	181.4	181.4	160.0	149.4	138.7	128.0	128.0
85°	170.7	138.7	160.0	160.0	149.4	149.4	106.7	106.7	85.3	85.3	74.7
87.5°	32.0	21.3	42.7	53.3	53.3	64.0	42.7	53.3	32.0	21.3	21.3
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°	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1
2.5°	6763.6	6881.0	7041.0	7158.3	7339.7	7478.4	7691.8	7873.1	8043.8	8118.5	8193.2
5°	5675.5	5750.1	5995.5	6187.5	6475.6	6785.0	7169.0	7585.1	8011.8	8203.8	8427.9
7.5°	4245.9	4384.6	4523.3	4800.7	5152.7	5654.1	6144.9	6763.6	7361.0	7649.1	8033.1
10°	3296.5	3403.1	3563.2	3851.2	4181.9	4598.0	5184.7	5920.8	6635.6	7009.0	7403.7
12.5°	2645.7	2795.1	3008.4	3307.1	3691.2	4117.9	4544.6	5227.4	6059.5	6486.3	6934.3
15°	2144.3	2261.7	2496.4	2869.7	3317.8	3755.2	4203.3	4768.7	5675.5	6166.2	6699.6
17.5°	1706.9	1792.3	2005.6	2379.0	2827.1	3317.8	3829.9	4544.6	5547.5	6144.9	6774.3
20°	1386.9	1450.9	1589.6	1866.9	2293.7	2827.1	3467.2	4331.3	5622.1	6390.2	7158.3
22.5°	1216.2	1237.5	1301.5	1450.9	1802.9	2368.3	3136.4	4149.9	5760.8	6753.0	7787.8
25°	1098.8	1120.2	1141.5	1237.5	1440.2	1973.6	2848.4	4043.2	6059.5	7286.4	8513.2
27.5°	1024.1	1045.5	1056.1	1098.8	1237.5	1685.6	2603.0	3979.2	6464.9	8065.1	9409.3
30°	960.1	960.1	992.1	1056.1	1152.2	1482.9	2389.7	3829.9	6891.6	8715.9	10113.4
32.5°	906.8	917.5	960.1	992.1	1056.1	1312.2	2176.3	3637.8	7275.7	9249.3	10806.9
35°	810.8	810.8	821.4	874.8	960.1	1173.5	1984.3	3445.8	7489.1	9772.0	11425.6
37.5°	746.8	757.4	778.8	821.4	896.1	1077.5	1824.3	3232.5	7713.1	10262.8	12151.1
40°	704.1	714.8	736.1	778.8	853.5	992.1	1685.6	3061.8	7947.8	10796.2	12929.8
42.5°	672.1	682.8	704.1	746.8	810.8	970.8	1536.2	2923.1	8086.5	11286.9	13665.9
45°	640.1	650.8	682.8	725.4	778.8	949.5	1450.9	2827.1	8139.8	11617.6	14252.7
47.5°	608.1	618.8	650.8	714.8	778.8	917.5	1418.9	2773.7	8182.5	11991.0	14722.1
50°	576.1	597.4	640.1	704.1	789.4	874.8	1397.5	2763.1	8427.9	12471.1	15170.1
52.5°	554.7	586.7	629.4	704.1	778.8	810.8	1386.9	2795.1	8918.6	13185.9	15810.2
55°	533.4	565.4	608.1	704.1	746.8	757.4	1333.5	2848.4	9665.4	14178.0	16717.0
57.5°	512.1	533.4	586.7	682.8	704.1	714.8	1226.8	2923.1	10412.1	15148.8	17645.2
60°	480.1	501.4	554.7	682.8	640.1	672.1	1088.2	2944.4	10945.5	15458.2	17730.5
62.5°	448.1	469.4	522.7	704.1	586.7	629.4	970.8	2869.7	11052.2	15010.1	17250.4
65°	416.1	437.4	480.1	586.7	544.1	586.7	896.1	2667.0	10700.2	13986.0	16375.6
67.5°	384.1	405.4	437.4	480.1	490.7	533.4	864.1	2347.0	9814.7	12716.5	15180.8
70°	341.4	362.7	394.7	426.7	437.4	501.4	810.8	2037.6	8385.2	11020.2	13719.3
72.5°	309.4	320.0	352.0	373.4	394.7	458.7	778.8	1781.6	6411.6	8918.6	11190.9
75°	266.7	266.7	298.7	320.0	341.4	405.4	714.8	1482.9	4523.3	6806.3	8225.2
77.5°	224.0	224.0	245.4	266.7	288.0	352.0	608.1	1205.5	3136.4	5398.1	5963.5
80°	170.7	170.7	192.0	213.4	234.7	298.7	490.7	885.5	1941.6	3947.2	4341.9
82.5°	117.3	117.3	149.4	160.0	170.7	234.7	373.4	608.1	1141.5	2848.4	3104.4
85°	64.0	64.0	85.3	96.0	117.3	170.7	277.4	426.7	682.8	2059.0	2069.6
87.5°	10.7	10.7	32.0	32.0	53.3	85.3	160.0	234.7	384.1	1141.5	725.4
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: P598613
 CATALOG NUMBER: IFLD-L-SA8B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1	7617.1
2.5°	8331.8	8449.2	8459.9	8459.9	8406.5	8417.2	8267.8	8107.8	8054.5	8043.8
5°	8769.2	9078.6	9164.0	9206.6	9067.9	8854.6	8470.5	8054.5	7841.1	7809.1
7.5°	8683.9	9302.6	9633.4	9676.0	9398.7	8897.3	8225.2	7585.1	7339.7	7275.7
10°	8182.5	9014.6	9612.0	9761.4	9462.7	8822.6	7947.8	7201.0	6902.3	6849.0
12.5°	7830.4	8630.6	9217.3	9420.0	9281.3	8726.6	7809.1	6955.6	6656.9	6582.3
15°	7638.4	8374.5	8758.6	8822.6	8811.9	8577.2	7809.1	7009.0	6678.3	6592.9
17.5°	7798.4	8299.8	8353.2	8203.8	8289.2	8406.5	7979.8	7297.0	6977.0	6902.3
20°	8118.5	8267.8	8011.8	7787.8	7830.4	8203.8	8246.5	7841.1	7585.1	7457.1
22.5°	8790.6	8385.2	7798.4	7489.1	7521.1	8043.8	8598.5	8577.2	8353.2	8289.2
25°	9473.3	8715.9	7734.4	7371.7	7414.4	8011.8	9014.6	9398.7	9281.3	9249.3
27.5°	10230.8	9270.6	7777.1	7318.4	7371.7	8054.5	9302.6	10092.1	10113.4	10081.4
30°	10742.9	9537.3	7905.1	7382.4	7457.1	8161.2	9366.7	10508.2	10700.2	10710.8
32.5°	11169.6	9804.1	8171.8	7489.1	7617.1	8353.2	9537.3	10902.9	11329.6	11340.3
35°	11511.0	10102.8	8502.5	7681.1	7873.1	8673.2	9761.4	11276.3	11916.4	11991.0
37.5°	11948.4	10433.5	8886.6	8097.1	8310.5	9132.0	10156.1	11713.7	12609.8	12812.5
40°	12417.8	10764.2	9441.3	8769.2	9078.6	9814.7	10604.2	12204.4	13196.5	13473.9
42.5°	12940.5	11116.2	10070.8	9676.0	10145.4	10678.8	11116.2	12652.5	13644.6	13964.6
45°	13452.6	11543.0	10988.2	10913.5	11436.3	11703.0	11617.6	12972.5	14071.3	14391.4
47.5°	13815.3	12161.7	12097.7	12545.8	13036.5	12897.8	12204.4	13207.2	14423.4	14775.4
50°	14146.0	12929.8	13495.2	14370.0	14668.7	14199.3	12833.8	13527.2	14796.8	15191.5
52.5°	14636.7	13751.3	14935.4	16023.6	16311.6	15564.9	13516.6	14050.0	15372.8	15724.9
55°	15639.5	14679.4	16439.7	17687.8	17741.2	16813.0	14434.0	14935.4	16183.6	16589.0
57.5°	16759.7	15820.9	17634.5	19064.0	19042.7	18061.2	15468.9	16130.3	17282.4	17559.8
60°	17773.2	16973.1	18936.0	20045.5	19992.2	18968.0	16674.4	17485.1	18541.3	18754.7
62.5°	18370.6	18018.5	19512.1	20354.9	20152.2	19266.7	17698.5	18690.6	19437.4	19512.1
65°	18274.6	18616.0	18840.0	19362.7	19074.7	18434.6	18199.9	19458.8	19533.4	19458.8
67.5°	17549.1	18274.6	16994.4	17047.7	16898.4	16354.3	17421.1	19256.1	18744.0	18562.6
70°	16450.3	16503.7	14210.0	13537.9	13772.6	13025.8	14946.1	17677.2	16887.7	16663.7
72.5°	14626.1	13964.6	10742.9	10060.1	10412.1	9878.7	11991.0	15404.8	14636.7	13911.3
75°	12268.4	11062.9	8182.5	7211.7	7393.0	7371.7	9292.0	12727.1	11340.3	10614.8
77.5°	9505.3	8619.9	6038.2	5664.8	5472.8	5515.4	6486.3	9462.7	8225.2	7318.4
80°	6945.0	6027.5	4672.7	4886.0	4779.3	4523.3	4544.6	6336.9	5718.1	5174.1
82.5°	4800.7	4288.6	3787.2	4277.9	4021.9	3627.2	3541.8	4566.0	4288.6	3957.9
85°	3221.8	3531.2	3008.4	3275.1	2837.7	2613.7	3328.5	3819.2	3083.1	2752.4
87.5°	2101.6	3232.5	2165.6	1642.9	938.8	1258.8	2037.6	2507.0	1440.2	778.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)