

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: P599124

Luminaire Tested: **IFLD-M-SA4A-722-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599124
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

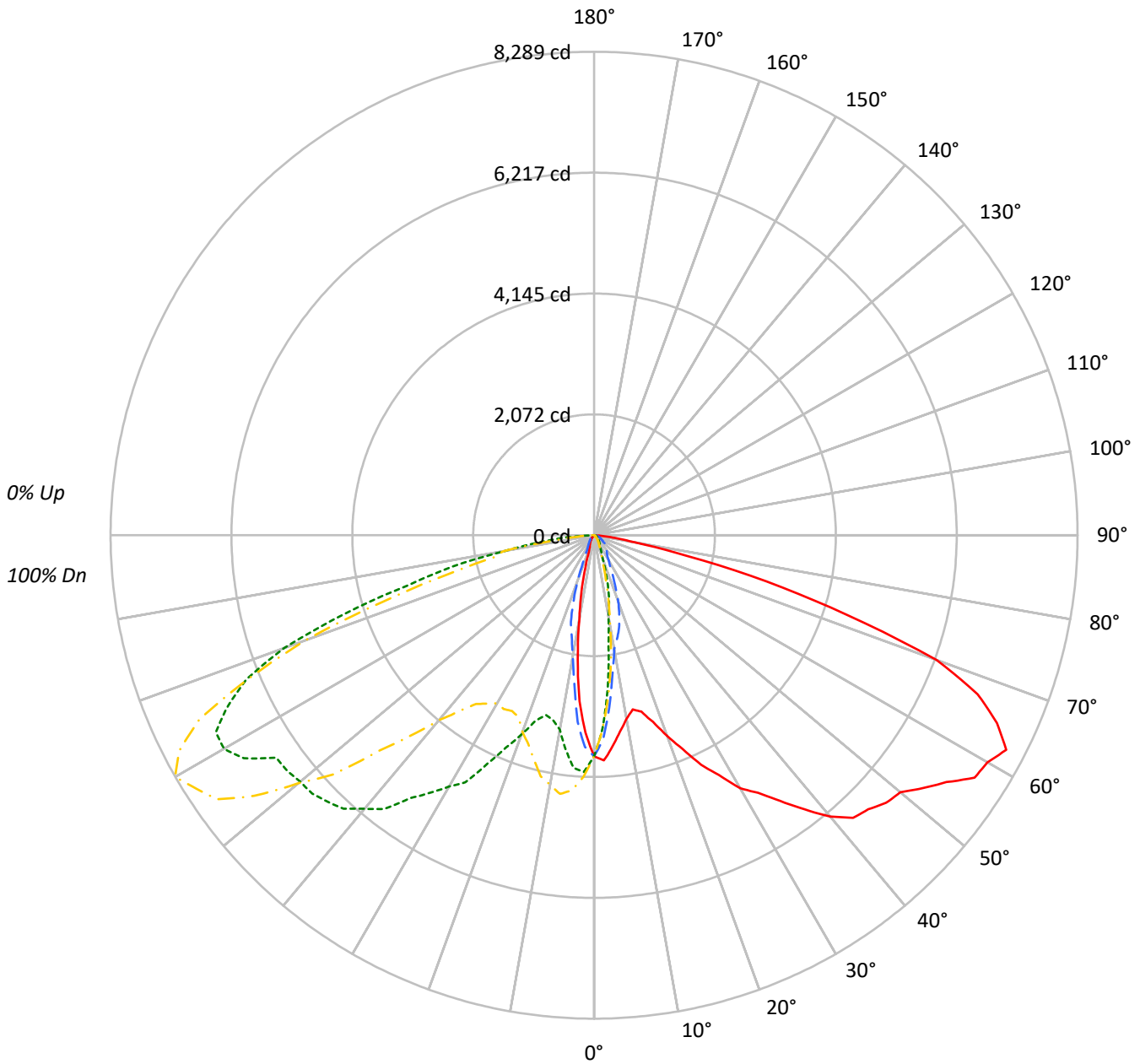
Lumens per Lamp: N/A
 Luminaire Lumens: 9908.7 lumens
 Efficiency: N/A
 Efficacy: 77.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 128.6
 Input Voltage (V): 120
 Input Current (A_{in}): 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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CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

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				
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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40775	40775	40775	40775
5°	39256	28692	30885	43269
10°	34951	15621	15825	36995
15°	34890	10419	6371	35545
20°	41892	5202	2540	41647
25°	51526	3268	1967	51272
30°	62256	2623	1494	61858
35°	73050	2106	1159	72312
40°	88437	1801	750	85997
45°	101176	1627	406	98371
50°	114790	1566	89	110093
55°	138467	1503	0	124830
60°	167642	1266	0	157691
65°	194119	1021	0	176428
70°	196565	840	0	177899
75°	127211	557	0	136431
80°	43385	167	0	96538
85°	21773	0	0	70940

TEST NUMBER: P599124
 CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.0	2.9
10°-20°	555.6	5.6
20°-30°	773.9	7.8
30°-40°	1099.6	11.1
40°-50°	1524.8	15.4
50°-60°	2077.6	21.0
60°-70°	2284.2	23.1
70°-80°	1122.7	11.3
80°-90°	183.3	1.9
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°	1616.5	16.3
0°-40°	2716.0	27.4
0°-60°	6318.5	63.8
0°-90°	9908.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9908.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3788	3788	3788	3788	3788	
5°	3633	2655	2858	4004	3633	332
15°	3131	935	572	3190	3131	927
25°	4338	275	166	4317	4338	2017
35°	5559	160	88	5503	5559	3529
45°	6646	107	27	6462	6646	5152
55°	7378	80	0	6652	7378	6637
65°	7622	40	0	6927	7622	7365
75°	3059	13	0	3280	3059	3335
85°	176	0	0	574	176	244
90°	0	0	0	0	0	

TEST NUMBER: P599124
 CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1
2.5°	3865.5	3911.0	3868.2	3718.6	3691.9	3619.8	3510.2	3502.2	3387.4	3400.7	3339.3
5°	3633.1	3678.5	3587.7	3390.0	3205.7	3058.8	2970.6	2813.0	2778.3	2700.8	2700.8
7.5°	3395.4	3392.7	3237.8	3072.1	2797.0	2527.2	2404.3	2177.2	2043.6	1971.5	1902.1
10°	3197.7	3155.0	3058.8	2716.8	2417.6	2137.1	1984.9	1835.3	1696.4	1576.1	1455.9
12.5°	3058.8	3085.5	2933.2	2561.9	2174.5	1979.5	1816.6	1659.0	1493.3	1357.1	1223.5
15°	3130.9	3088.2	2909.2	2527.2	2134.5	1867.3	1650.9	1458.6	1274.3	1095.3	993.8
17.5°	3355.3	3245.8	3034.7	2527.2	2051.7	1696.4	1434.6	1207.5	1009.8	849.5	724.0
20°	3657.2	3531.6	3304.6	2620.7	1990.2	1570.8	1212.8	927.0	721.3	571.7	475.5
22.5°	3967.1	3868.2	3526.3	2658.1	1918.1	1402.5	956.4	670.5	480.9	384.7	336.6
25°	4338.4	4199.5	3825.5	2807.7	1811.2	1239.5	753.3	467.5	358.0	307.2	277.8
27.5°	4634.9	4610.9	4106.0	2898.5	1731.1	1106.0	595.7	371.3	296.5	259.1	240.4
30°	5008.9	4878.0	4447.9	3080.2	1640.3	953.7	496.9	333.9	272.5	232.4	219.1
32.5°	5233.3	5171.9	4626.9	3181.7	1538.7	828.1	427.4	293.9	248.4	219.1	205.7
35°	5559.2	5436.3	4883.4	3245.8	1485.3	756.0	384.7	267.1	208.4	179.0	163.0
37.5°	5922.5	5877.1	5190.6	3243.1	1407.8	713.3	355.3	248.4	197.7	165.6	146.9
40°	6293.9	6109.5	5377.6	3317.9	1367.8	681.2	333.9	237.8	187.0	157.6	133.6
42.5°	6571.7	6360.7	5594.0	3291.2	1319.7	625.1	325.9	221.7	179.0	144.3	122.9
45°	6646.5	6571.7	5789.0	3283.2	1285.0	579.7	312.6	219.1	173.6	136.2	114.9
47.5°	6790.8	6740.0	6029.4	3296.5	1258.2	545.0	280.5	224.4	165.6	128.2	109.5
50°	6854.9	6764.0	6224.4	3328.6	1196.8	502.2	251.1	235.1	163.0	125.6	104.2
52.5°	7119.3	7039.2	6491.6	3419.4	1146.0	446.1	221.7	224.4	168.3	117.5	98.8
55°	7378.5	7287.6	6903.0	3627.8	1073.9	400.7	189.7	197.7	160.3	106.9	88.2
57.5°	7733.8	7584.2	7178.1	3713.3	1009.8	339.3	168.3	163.0	149.6	96.2	77.5
60°	7787.2	7848.6	7138.0	3659.8	943.0	299.2	146.9	125.6	160.3	85.5	66.8
62.5°	7966.2	7709.7	6951.0	3537.0	894.9	275.2	130.9	104.2	138.9	74.8	56.1
65°	7621.6	7431.9	6512.9	3141.6	833.5	277.8	114.9	85.5	88.2	61.4	45.4
67.5°	7116.7	6967.1	5786.3	2711.5	772.0	272.5	101.5	74.8	66.8	53.4	40.1
70°	6245.8	5922.5	4915.4	2201.3	681.2	253.8	85.5	66.8	56.1	42.7	29.4
72.5°	4544.1	4413.2	3526.3	1701.7	611.8	229.7	80.1	56.1	48.1	32.1	24.0
75°	3058.8	2842.4	2225.3	1116.7	491.5	200.4	66.8	50.8	37.4	24.0	18.7
77.5°	1616.2	1528.1	1260.9	531.6	272.5	93.5	37.4	29.4	21.4	18.7	10.7
80°	699.9	622.4	545.0	216.4	96.2	42.7	24.0	16.0	13.4	10.7	5.3
82.5°	358.0	341.9	283.2	93.5	56.1	32.1	13.4	10.7	8.0	5.3	2.7
85°	176.3	181.7	149.6	29.4	32.1	18.7	2.7	2.7	0.0	0.0	0.0
87.5°	13.4	13.4	10.7	5.3	8.0	2.7	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: P599124
 CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1
2.5°	3315.2	3352.6	3288.5	3328.6	3309.9	3317.9	3325.9	3304.6	3309.9	3384.7	3387.4
5°	2655.4	2727.5	2700.8	2738.2	2802.3	2770.3	2799.7	2794.3	2799.7	2810.3	2858.4
7.5°	1894.0	1872.7	1923.4	2022.3	2137.1	2206.6	2171.9	2153.2	2142.5	2115.8	2147.8
10°	1429.2	1418.5	1405.2	1434.6	1509.4	1586.8	1629.6	1557.4	1517.4	1466.6	1447.9
12.5°	1186.1	1119.3	1081.9	1036.5	1057.9	1127.3	1130.0	1060.6	996.4	969.7	999.1
15°	935.0	889.6	822.8	758.7	726.6	780.1	734.6	667.9	585.0	574.4	571.7
17.5°	667.9	641.1	593.1	566.3	528.9	515.6	467.5	366.0	307.2	291.2	296.5
20°	454.1	432.8	430.1	406.1	390.0	379.3	301.9	235.1	216.4	219.1	221.7
22.5°	336.6	325.9	312.6	309.9	296.5	283.2	221.7	197.7	184.3	184.3	192.3
25°	275.2	269.8	256.5	251.1	245.8	227.1	187.0	168.3	163.0	157.6	165.6
27.5°	235.1	232.4	224.4	216.4	211.0	192.3	163.0	146.9	141.6	141.6	141.6
30°	211.0	211.0	200.4	184.3	184.3	163.0	138.9	128.2	122.9	122.9	120.2
32.5°	197.7	192.3	179.0	168.3	160.3	138.9	122.9	112.2	104.2	104.2	106.9
35°	160.3	160.3	157.6	149.6	138.9	117.5	104.2	93.5	88.2	85.5	88.2
37.5°	141.6	133.6	122.9	125.6	120.2	101.5	88.2	80.1	72.1	72.1	72.1
40°	128.2	120.2	109.5	101.5	98.8	90.8	77.5	64.1	56.1	53.4	53.4
42.5°	114.9	109.5	93.5	80.1	77.5	77.5	58.8	48.1	40.1	40.1	40.1
45°	106.9	98.8	85.5	69.5	56.1	58.8	48.1	34.7	29.4	26.7	26.7
47.5°	101.5	93.5	74.8	58.8	42.7	42.7	34.7	24.0	18.7	16.0	16.0
50°	93.5	85.5	66.8	48.1	32.1	26.7	21.4	13.4	8.0	5.3	5.3
52.5°	88.2	80.1	58.8	40.1	26.7	18.7	13.4	2.7	0.0	0.0	0.0
55°	80.1	69.5	50.8	32.1	21.4	10.7	2.7	0.0	0.0	0.0	0.0
57.5°	69.5	61.4	40.1	24.0	13.4	2.7	0.0	0.0	0.0	0.0	0.0
60°	58.8	50.8	32.1	18.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	48.1	42.7	24.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	40.1	32.1	18.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	34.7	26.7	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	26.7	18.7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	18.7	13.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	13.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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: P599124
 CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1
2.5°	3398.1	3478.2	3553.0	3574.4	3633.1	3796.1	3796.1	3873.6	4012.5	4063.2	4073.9
5°	2866.4	2951.9	2968.0	3133.6	3211.1	3376.7	3486.2	3748.0	3905.6	4004.5	4065.9
7.5°	2179.9	2209.3	2270.7	2425.7	2577.9	2778.3	2986.7	3320.6	3598.4	3710.6	3919.0
10°	1498.7	1586.8	1720.4	1859.3	2097.1	2318.8	2588.6	2903.8	3245.8	3384.7	3563.7
12.5°	1009.8	1132.7	1346.4	1544.1	1763.1	1987.5	2244.0	2666.1	3053.4	3245.8	3424.8
15°	590.4	740.0	924.3	1244.9	1536.1	1787.2	2043.6	2471.1	2941.2	3189.7	3408.7
17.5°	299.2	344.6	496.9	774.7	1159.4	1570.8	1952.8	2497.8	3026.7	3331.3	3512.9
20°	224.4	237.8	280.5	411.4	793.4	1298.3	1867.3	2537.9	3264.5	3635.8	3734.6
22.5°	195.0	205.7	224.4	267.1	446.1	993.8	1747.1	2636.7	3587.7	3937.7	4146.0
25°	165.6	176.3	192.3	219.1	285.8	675.9	1600.2	2740.9	3876.2	4317.0	4512.0
27.5°	144.3	152.3	168.3	189.7	232.4	430.1	1346.4	2879.8	4317.0	4776.5	4827.3
30°	122.9	130.9	144.3	168.3	197.7	304.5	988.4	2898.5	4560.1	4976.9	5118.4
32.5°	106.9	109.5	125.6	146.9	165.6	240.4	694.6	2917.2	4739.1	5236.0	5265.4
35°	88.2	93.5	109.5	122.9	144.3	189.7	526.3	2823.7	4971.5	5503.1	5495.1
37.5°	72.1	80.1	90.8	101.5	117.5	160.3	419.4	2650.1	5262.7	5917.2	5666.1
40°	56.1	64.1	74.8	88.2	98.8	144.3	315.2	2388.3	5567.2	6120.2	5853.1
42.5°	40.1	45.4	56.1	69.5	88.2	120.2	227.1	2078.4	5687.5	6358.0	6077.5
45°	29.4	34.7	42.7	58.8	90.8	96.2	157.6	1795.2	5815.7	6462.2	6026.7
47.5°	16.0	21.4	32.1	50.8	80.1	72.1	112.2	1541.4	5962.6	6555.7	6066.8
50°	5.3	8.0	18.7	53.4	64.1	56.1	88.2	1405.2	6106.9	6574.4	6146.9
52.5°	0.0	0.0	10.7	56.1	48.1	42.7	77.5	1351.7	6069.5	6633.1	6096.2
55°	0.0	0.0	2.7	24.0	26.7	32.1	64.1	1349.1	6333.9	6651.8	6374.0
57.5°	0.0	0.0	0.0	8.0	16.0	26.7	56.1	1263.6	6502.2	7116.7	6748.0
60°	0.0	0.0	0.0	2.7	10.7	18.7	42.7	1188.8	6673.2	7325.0	7148.7
62.5°	0.0	0.0	0.0	0.0	2.7	8.0	29.4	1073.9	6328.6	7309.0	7536.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	18.7	849.5	5692.8	6927.0	7322.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	10.7	587.7	4984.9	6446.1	6929.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	355.3	4023.2	5652.7	5877.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.3	2871.8	4488.0	4821.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.4	1776.5	3280.5	3691.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1151.4	2484.4	2802.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	614.4	1557.4	1811.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	267.1	945.7	1089.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.5	574.4	654.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.2	117.5
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: P599124
 CATALOG NUMBER: IFLD-M-SA4A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1	3788.1
2.5°	4079.3	4156.7	4186.1	4140.7	4146.0	4052.5	4039.2	3908.3	3854.9	3865.5
5°	4266.3	4378.5	4439.9	4389.1	4274.3	4095.3	3932.3	3777.4	3681.2	3633.1
7.5°	4223.5	4349.1	4426.5	4474.6	4343.7	4055.2	3806.8	3515.6	3392.7	3395.4
10°	3988.4	4250.2	4407.8	4346.4	4285.0	3996.4	3611.8	3296.5	3187.0	3197.7
12.5°	3798.8	4089.9	4183.4	4231.5	4106.0	3876.2	3617.1	3256.5	3133.6	3058.8
15°	3681.2	3897.6	3902.9	3977.7	3927.0	3927.0	3673.2	3320.6	3213.7	3130.9
17.5°	3681.2	3729.3	3724.0	3750.7	3836.2	3937.7	3814.8	3579.7	3368.7	3355.3
20°	3764.0	3614.4	3579.7	3590.4	3662.5	3964.4	4127.3	3833.5	3699.9	3657.2
22.5°	3956.4	3627.8	3416.8	3379.4	3601.1	3961.7	4327.7	4234.2	4001.8	3967.1
25°	4220.8	3603.7	3374.0	3325.9	3494.2	4057.9	4602.9	4621.6	4410.5	4338.4
27.5°	4472.0	3710.6	3368.7	3358.0	3579.7	4036.5	4792.5	4931.4	4693.7	4634.9
30°	4557.4	3817.5	3467.5	3325.9	3611.8	4114.0	4787.2	5150.5	4995.6	5008.9
32.5°	4659.0	3924.3	3478.2	3422.1	3748.0	4239.5	4939.5	5503.1	5390.9	5233.3
35°	4808.6	4068.6	3579.7	3528.9	3844.2	4351.7	4971.5	5762.3	5743.6	5559.2
37.5°	4936.8	4210.2	3790.7	3798.8	4138.0	4533.4	5113.1	6080.2	6048.1	5922.5
40°	5027.6	4407.8	4119.3	4140.7	4394.5	4736.4	5364.2	6240.4	6478.2	6293.9
42.5°	5041.0	4584.2	4496.0	4667.0	4904.7	5051.7	5465.7	6350.0	6691.9	6571.7
45°	5091.7	4864.7	5110.4	5236.0	5431.0	5329.5	5460.4	6537.0	6707.9	6646.5
47.5°	5289.4	5374.9	5684.8	6066.8	6136.3	5802.3	5588.6	6566.4	6798.8	6790.8
50°	5495.1	5922.5	6358.0	6611.8	6699.9	6128.2	5708.8	6542.3	6919.0	6854.9
52.5°	5724.9	6398.1	7025.8	7338.4	7290.3	6488.9	5845.1	6737.3	7140.7	7119.3
55°	5869.1	6611.8	7455.9	7891.4	7854.0	6892.3	6277.8	7017.8	7431.9	7378.5
57.5°	6251.1	6959.1	7883.4	8086.4	8185.2	7421.2	6579.7	7477.3	7675.0	7733.8
60°	6566.4	7186.1	7995.6	8289.4	8324.2	7736.4	7108.7	7950.2	7984.9	7787.2
62.5°	7028.5	7274.3	7757.8	8022.3	8201.3	7915.4	7584.2	8203.9	7979.5	7966.2
65°	7367.8	6985.8	7314.4	7461.3	7576.2	7642.9	8062.4	8377.6	7880.7	7621.6
67.5°	7178.1	6440.8	6379.4	6387.4	6422.1	6825.5	7902.1	7952.8	7330.4	7116.7
70°	6317.9	5284.1	5201.3	5265.4	5091.7	5577.9	7252.9	7228.9	6467.5	6245.8
72.5°	5110.4	3852.2	3710.6	3798.8	3838.8	4354.4	6101.5	5481.8	4717.7	4544.1
75°	4060.6	2823.7	2382.9	2596.6	2732.9	3171.0	4765.8	3724.0	3293.9	3058.8
77.5°	3189.7	2137.1	1854.0	1768.5	1894.0	2305.4	3467.5	1955.5	1725.7	1616.2
80°	2022.3	1570.8	1704.4	1581.5	1634.9	1645.6	1805.9	889.6	707.9	699.9
82.5°	1218.2	1073.9	1276.9	702.6	1279.6	1143.4	750.7	403.4	358.0	358.0
85°	862.9	665.2	440.8	285.8	569.0	627.8	291.2	208.4	181.7	176.3
87.5°	432.8	205.7	98.8	64.1	72.1	117.5	34.7	16.0	16.0	13.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)