

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: P598778

Luminaire Tested: **IFLD-M-SA4C-760-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598778
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-760-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

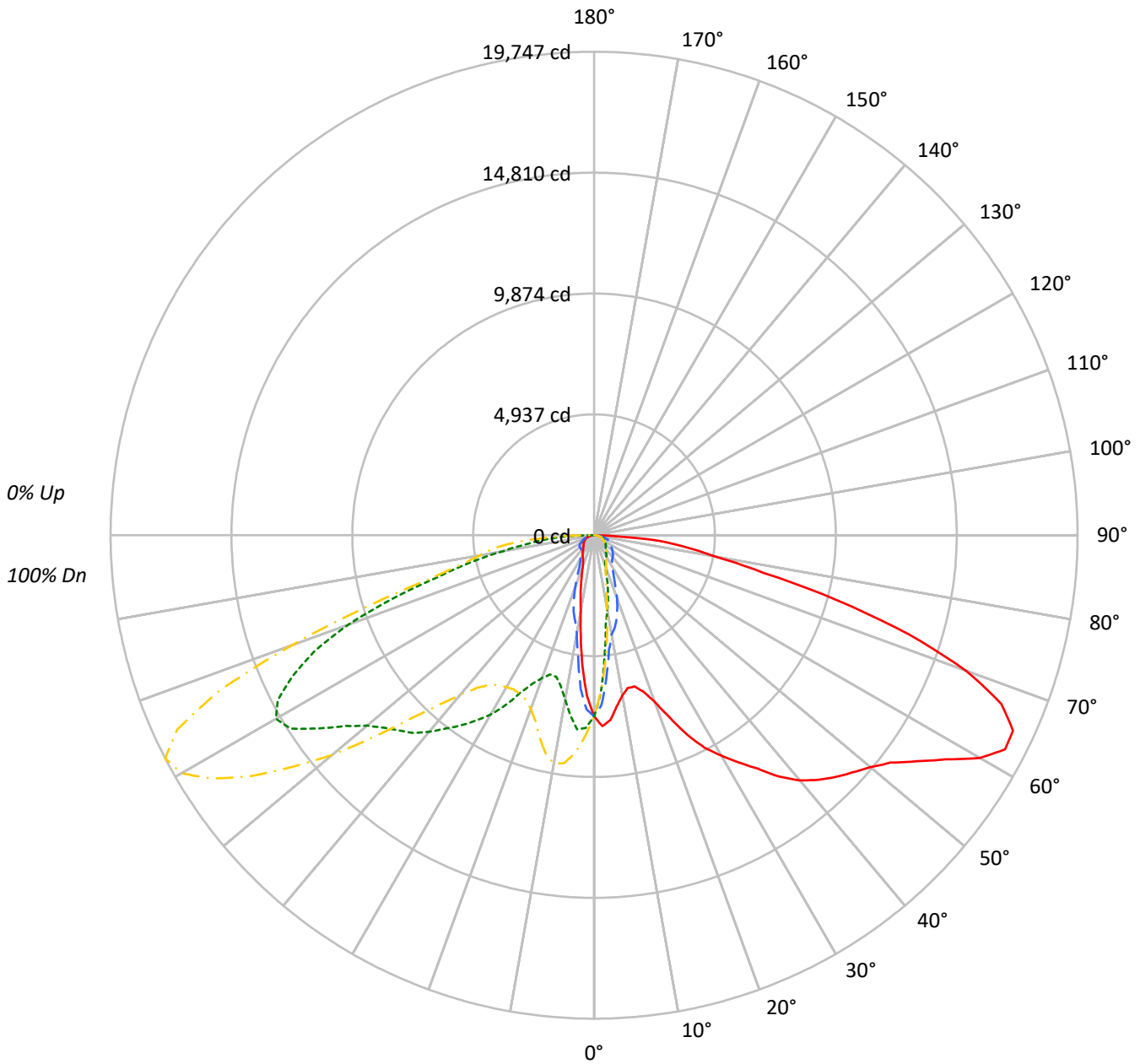
Lumens per Lamp: N/A
 Luminaire Lumens: 24737.2 lumens
 Efficiency: N/A
 Efficacy: 113.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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				
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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	79539	79539	79539	79539
5°	81856	53229	58149	85994
10°	72622	33823	34162	74318
15°	71274	23989	22720	66660
20°	82866	15174	15293	71011
25°	106568	13029	12661	83951
30°	129148	12348	11576	105093
35°	152857	10879	10472	124570
40°	183667	10325	9598	147168
45°	212526	10240	9295	171565
50°	246789	10399	9359	202596
55°	302012	10682	9516	258118
60°	391682	10695	10026	322836
65°	480795	10807	10280	345571
70°	508760	11399	10748	336460
75°	428263	12052	10759	274605
80°	311137	14114	10903	237366
85°	329763	20452	8942	246683

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	571.9	2.3
10°-20°	1196.9	4.8
20°-30°	1724.8	7.0
30°-40°	2483.0	10.0
40°-50°	3527.0	14.3
50°-60°	5070.8	20.5
60°-70°	5858.4	23.7
70°-80°	3317.2	13.4
80°-90°	987.2	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°	3493.6	14.1
0°-40°	5976.6	24.2
0°-60°	14574.4	58.9
0°-90°	24737.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24737.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7389	7389	7389	7389	7389	
5°	7576	4926	5382	7959	7576	687
15°	6396	2153	2039	5982	6396	1881
25°	8973	1097	1066	7069	8973	4165
35°	11633	828	797	9480	11633	7383
45°	13961	673	611	11270	13961	10810
55°	16093	569	507	13754	16093	14575
65°	18877	424	404	13568	18877	18102
75°	10298	290	259	6603	10298	10926
85°	2670	166	72	1997	2670	2659
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°	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4
2.5°	7803.4	7793.1	7731.0	7534.3	7327.4	7130.7	6944.4	6747.8	6644.3	6520.1	6468.4
5°	7575.7	7555.0	7379.1	6944.4	6561.5	6147.5	5795.6	5516.2	5288.5	5060.8	4978.0
7.5°	7058.3	7027.2	6820.2	6220.0	5661.1	5122.9	4698.6	4336.4	4036.3	3901.7	3746.5
10°	6644.3	6592.5	6323.5	5661.1	4936.6	4398.5	4119.0	3870.7	3611.9	3394.6	3166.9
12.5°	6385.6	6323.5	6044.0	5267.8	4564.1	4160.4	3870.7	3591.2	3270.4	3001.3	2752.9
15°	6395.9	6323.5	5981.9	5164.3	4470.9	3953.5	3549.8	3166.9	2794.3	2494.2	2214.8
17.5°	6696.0	6602.9	6240.7	5309.2	4398.5	3684.4	3146.2	2649.4	2225.1	1904.3	1676.6
20°	7234.2	7172.1	6758.1	5526.6	4326.0	3394.6	2732.2	2132.0	1686.9	1438.6	1345.4
22.5°	8041.5	7969.0	7524.0	5857.7	4305.3	3135.9	2287.2	1676.6	1355.8	1252.3	1200.5
25°	8972.9	8838.4	8424.4	6416.6	4346.7	2897.8	1925.0	1386.8	1210.9	1138.4	1107.4
27.5°	9780.2	9697.4	9231.6	6944.4	4367.4	2711.5	1676.6	1262.6	1128.1	1066.0	1045.3
30°	10390.8	10359.7	9904.3	7524.0	4315.7	2483.8	1521.4	1210.9	1128.1	1066.0	1003.9
32.5°	11001.4	11011.7	10525.3	7969.0	4243.2	2287.2	1376.5	1076.3	993.5	952.1	962.5
35°	11632.7	11684.4	11270.5	8403.7	4088.0	2214.8	1273.0	1003.9	931.4	869.3	838.3
37.5°	12429.6	12564.1	12160.5	8890.1	3932.8	2152.7	1221.2	952.1	879.7	827.9	786.6
40°	13071.2	13319.6	13081.6	9345.5	3829.3	2080.2	1179.8	900.4	848.6	786.6	755.5
42.5°	13547.3	13837.1	13754.3	9697.4	3829.3	2007.8	1138.4	869.3	827.9	755.5	714.1
45°	13961.3	14261.4	14251.1	10059.6	3912.1	1966.4	1086.7	869.3	807.3	734.8	693.4
47.5°	14333.9	14634.0	14737.5	10515.0	4046.6	1945.7	1024.6	848.6	807.3	724.5	662.4
50°	14737.5	15068.7	15379.2	11239.4	4212.2	1893.9	983.2	817.6	817.6	714.1	641.7
52.5°	15255.0	15627.5	16196.8	12139.8	4377.8	1800.8	921.1	796.9	817.6	703.8	621.0
55°	16093.3	16403.7	17148.9	13216.1	4584.8	1686.9	869.3	745.2	776.2	672.7	589.9
57.5°	17035.1	17304.1	17925.1	14044.1	4646.9	1542.1	796.9	693.4	745.2	641.7	548.5
60°	18194.2	18328.7	18328.7	14282.1	4439.9	1407.5	745.2	652.0	672.7	610.6	517.5
62.5°	18929.0	18929.0	18328.7	13847.5	4046.6	1293.7	703.8	610.6	589.9	569.2	486.4
65°	18877.2	18794.4	17904.4	12584.8	3591.2	1221.2	662.4	558.9	527.8	517.5	455.4
67.5°	18007.9	17863.0	16652.1	10804.7	3115.2	1190.2	621.0	507.1	486.4	465.7	414.0
70°	16165.7	15793.1	14302.8	8693.5	2649.4	1169.5	610.6	465.7	445.0	424.3	382.9
72.5°	13495.6	13019.5	11167.0	6685.7	2225.1	1097.0	579.6	414.0	403.6	382.9	341.5
75°	10297.6	9417.9	7793.1	5112.6	1728.3	952.1	496.8	362.2	362.2	351.9	310.5
77.5°	7099.7	6644.3	5433.4	3777.5	1262.6	734.8	403.6	320.8	320.8	331.2	289.8
80°	5019.4	4595.1	3870.7	2711.5	796.9	496.8	310.5	269.1	300.1	320.8	269.1
82.5°	3839.6	3529.1	2877.1	1976.7	465.7	341.5	238.0	217.3	258.7	279.4	227.7
85°	2670.1	2297.6	1459.3	1324.7	269.1	207.0	175.9	175.9	227.7	279.4	207.0
87.5°	755.5	320.8	93.1	393.3	113.8	82.8	62.1	41.4	62.1	62.1	41.4
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°	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4
2.5°	6416.6	6354.5	6354.5	6333.8	6344.2	6354.5	6344.2	6416.6	6447.7	6489.1	6571.8
5°	4926.3	5009.1	4947.0	5009.1	5091.9	5216.1	5247.1	5340.3	5350.6	5423.1	5381.7
7.5°	3653.3	3643.0	3591.2	3663.7	3891.4	4067.3	4150.1	4201.8	4212.2	4212.2	4160.4
10°	3094.5	3001.3	2908.2	2856.4	2877.1	3063.4	3125.5	3156.6	3135.9	3166.9	3125.5
12.5°	2649.4	2566.6	2432.1	2339.0	2276.9	2328.6	2390.7	2421.8	2442.5	2494.2	2535.6
15°	2152.7	2069.9	1987.1	1935.3	1883.6	1842.2	1893.9	1925.0	1976.7	2018.1	2038.8
17.5°	1635.2	1593.8	1552.4	1583.5	1583.5	1562.8	1583.5	1593.8	1614.5	1645.5	1635.2
20°	1324.7	1314.4	1304.0	1355.8	1397.2	1397.2	1417.9	1386.8	1376.5	1345.4	1335.1
22.5°	1179.8	1179.8	1190.2	1231.6	1273.0	1293.7	1293.7	1241.9	1190.2	1169.5	1179.8
25°	1097.0	1097.0	1128.1	1138.4	1159.1	1159.1	1169.5	1117.7	1086.7	1055.6	1066.0
27.5°	1034.9	1034.9	1045.3	1045.3	1055.6	1055.6	1066.0	1045.3	1003.9	993.5	993.5
30°	993.5	993.5	983.2	983.2	983.2	983.2	993.5	962.5	941.8	931.4	931.4
32.5°	952.1	941.8	931.4	931.4	921.1	921.1	931.4	900.4	890.0	890.0	890.0
35°	827.9	817.6	827.9	848.6	848.6	859.0	859.0	848.6	827.9	807.3	796.9
37.5°	776.2	765.9	765.9	765.9	786.6	796.9	807.3	786.6	755.5	724.5	724.5
40°	734.8	734.8	724.5	724.5	724.5	745.2	765.9	734.8	693.4	683.1	683.1
42.5°	703.8	693.4	683.1	672.7	662.4	693.4	714.1	672.7	652.0	652.0	652.0
45°	672.7	662.4	652.0	641.7	631.3	641.7	662.4	621.0	610.6	610.6	610.6
47.5°	641.7	631.3	610.6	600.3	589.9	589.9	610.6	579.6	569.2	579.6	579.6
50°	621.0	600.3	579.6	569.2	558.9	558.9	558.9	548.5	548.5	548.5	558.9
52.5°	600.3	579.6	548.5	538.2	527.8	527.8	527.8	527.8	517.5	527.8	538.2
55°	569.2	548.5	527.8	517.5	507.1	496.8	507.1	496.8	496.8	507.1	507.1
57.5°	527.8	507.1	486.4	486.4	476.1	476.1	486.4	476.1	476.1	486.4	486.4
60°	496.8	476.1	455.4	455.4	445.0	455.4	465.7	455.4	455.4	455.4	465.7
62.5°	455.4	445.0	424.3	424.3	424.3	424.3	434.7	424.3	434.7	434.7	434.7
65°	424.3	403.6	393.3	393.3	393.3	393.3	414.0	393.3	403.6	403.6	403.6
67.5°	393.3	372.6	362.2	362.2	362.2	362.2	382.9	362.2	372.6	382.9	372.6
70°	362.2	341.5	331.2	331.2	331.2	331.2	341.5	331.2	331.2	341.5	341.5
72.5°	320.8	310.5	300.1	300.1	289.8	300.1	310.5	300.1	300.1	300.1	300.1
75°	289.8	279.4	279.4	269.1	269.1	269.1	279.4	258.7	258.7	258.7	258.7
77.5°	269.1	248.4	248.4	248.4	238.0	248.4	238.0	217.3	217.3	217.3	217.3
80°	227.7	207.0	217.3	217.3	207.0	207.0	196.6	175.9	175.9	175.9	175.9
82.5°	186.3	165.6	175.9	175.9	175.9	175.9	155.2	144.9	134.5	124.2	124.2
85°	165.6	134.5	155.2	155.2	144.9	144.9	103.5	103.5	82.8	82.8	72.4
87.5°	31.0	20.7	41.4	51.7	51.7	62.1	41.4	51.7	31.0	20.7	20.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4
2.5°	6561.5	6675.3	6830.6	6944.4	7120.4	7254.9	7461.9	7637.8	7803.4	7875.9	7948.3
5°	5505.9	5578.3	5816.3	6002.6	6282.1	6582.2	6954.8	7358.4	7772.4	7958.7	8176.0
7.5°	4119.0	4253.6	4388.1	4657.2	4998.7	5485.2	5961.2	6561.5	7141.1	7420.5	7793.1
10°	3198.0	3301.4	3456.7	3736.1	4057.0	4460.6	5029.8	5743.9	6437.3	6799.5	7182.5
12.5°	2566.6	2711.5	2918.5	3208.3	3580.9	3994.9	4408.8	5071.2	5878.4	6292.4	6727.1
15°	2080.2	2194.1	2421.8	2784.0	3218.7	3643.0	4077.7	4626.2	5505.9	5981.9	6499.4
17.5°	1655.9	1738.7	1945.7	2307.9	2742.6	3218.7	3715.4	4408.8	5381.7	5961.2	6571.8
20°	1345.4	1407.5	1542.1	1811.1	2225.1	2742.6	3363.5	4201.8	5454.1	6199.3	6944.4
22.5°	1179.8	1200.5	1262.6	1407.5	1749.0	2297.6	3042.7	4025.9	5588.7	6551.1	7555.0
25°	1066.0	1086.7	1107.4	1200.5	1397.2	1914.6	2763.3	3922.4	5878.4	7068.6	8258.8
27.5°	993.5	1014.2	1024.6	1066.0	1200.5	1635.2	2525.2	3860.3	6271.7	7824.1	9128.1
30°	931.4	931.4	962.5	1024.6	1117.7	1438.6	2318.3	3715.4	6685.7	8455.4	9811.2
32.5°	879.7	890.0	931.4	962.5	1024.6	1273.0	2111.3	3529.1	7058.3	8972.9	10483.9
35°	786.6	786.6	796.9	848.6	931.4	1138.4	1925.0	3342.8	7265.3	9480.0	11084.2
37.5°	724.5	734.8	755.5	796.9	869.3	1045.3	1769.7	3135.9	7482.6	9956.1	11787.9
40°	683.1	693.4	714.1	755.5	827.9	962.5	1635.2	2970.3	7710.3	10473.6	12543.4
42.5°	652.0	662.4	683.1	724.5	786.6	941.8	1490.3	2835.7	7844.8	10949.6	13257.5
45°	621.0	631.3	662.4	703.8	755.5	921.1	1407.5	2742.6	7896.6	11270.5	13826.8
47.5°	589.9	600.3	631.3	693.4	755.5	890.0	1376.5	2690.8	7938.0	11632.7	14282.1
50°	558.9	579.6	621.0	683.1	765.9	848.6	1355.8	2680.5	8176.0	12098.4	14716.8
52.5°	538.2	569.2	610.6	683.1	755.5	786.6	1345.4	2711.5	8652.1	12791.8	15337.8
55°	517.5	548.5	589.9	683.1	724.5	734.8	1293.7	2763.3	9376.5	13754.3	16217.5
57.5°	496.8	517.5	569.2	662.4	683.1	693.4	1190.2	2835.7	10101.0	14696.1	17117.9
60°	465.7	486.4	538.2	662.4	621.0	652.0	1055.6	2856.4	10618.4	14996.2	17200.6
62.5°	434.7	455.4	507.1	683.1	569.2	610.6	941.8	2784.0	10721.9	14561.6	16734.9
65°	403.6	424.3	465.7	569.2	527.8	569.2	869.3	2587.3	10380.4	13568.0	15886.3
67.5°	372.6	393.3	424.3	465.7	476.1	517.5	838.3	2276.9	9521.4	12336.4	14727.1
70°	331.2	351.9	382.9	414.0	424.3	486.4	786.6	1976.7	8134.6	10690.9	13309.3
72.5°	300.1	310.5	341.5	362.2	382.9	445.0	755.5	1728.3	6220.0	8652.1	10856.5
75°	258.7	258.7	289.8	310.5	331.2	393.3	693.4	1438.6	4388.1	6602.9	7979.4
77.5°	217.3	217.3	238.0	258.7	279.4	341.5	589.9	1169.5	3042.7	5236.8	5785.3
80°	165.6	165.6	186.3	207.0	227.7	289.8	476.1	859.0	1883.6	3829.3	4212.2
82.5°	113.8	113.8	144.9	155.2	165.6	227.7	362.2	589.9	1107.4	2763.3	3011.7
85°	62.1	62.1	82.8	93.1	113.8	165.6	269.1	414.0	662.4	1997.4	2007.8
87.5°	10.3	10.3	31.0	31.0	51.7	82.8	155.2	227.7	372.6	1107.4	703.8
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: P598778
 CATALOG NUMBER: IFLD-M-SA4C-760-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4	7389.4
2.5°	8082.9	8196.7	8207.0	8207.0	8155.3	8165.7	8020.8	7865.5	7813.8	7803.4
5°	8507.2	8807.3	8890.1	8931.5	8797.0	8590.0	8217.4	7813.8	7606.8	7575.7
7.5°	8424.4	9024.6	9345.5	9386.9	9117.8	8631.4	7979.4	7358.4	7120.4	7058.3
10°	7938.0	8745.2	9324.8	9469.7	9179.9	8558.9	7710.3	6985.8	6696.0	6644.3
12.5°	7596.4	8372.6	8941.9	9138.5	9003.9	8465.8	7575.7	6747.8	6458.0	6385.6
15°	7410.1	8124.3	8496.8	8558.9	8548.6	8320.9	7575.7	6799.5	6478.7	6395.9
17.5°	7565.4	8051.8	8103.6	7958.7	8041.5	8155.3	7741.3	7079.0	6768.5	6696.0
20°	7875.9	8020.8	7772.4	7555.0	7596.4	7958.7	8000.1	7606.8	7358.4	7234.2
22.5°	8527.9	8134.6	7565.4	7265.3	7296.3	7803.4	8341.6	8320.9	8103.6	8041.5
25°	9190.2	8455.4	7503.3	7151.4	7192.8	7772.4	8745.2	9117.8	9003.9	8972.9
27.5°	9925.0	8993.6	7544.7	7099.7	7151.4	7813.8	9024.6	9790.5	9811.2	9780.2
30°	10421.8	9252.3	7668.9	7161.8	7234.2	7917.3	9086.7	10194.1	10380.4	10390.8
32.5°	10835.8	9511.1	7927.6	7265.3	7389.4	8103.6	9252.3	10577.1	10991.0	11001.4
35°	11167.0	9800.8	8248.4	7451.5	7637.8	8414.0	9469.7	10939.3	11560.2	11632.7
37.5°	11591.3	10121.7	8621.0	7855.2	8062.2	8859.1	9852.6	11363.6	12233.0	12429.6
40°	12046.7	10442.5	9159.2	8507.2	8807.3	9521.4	10287.3	11839.7	12802.2	13071.2
42.5°	12553.8	10784.0	9769.8	9386.9	9842.2	10359.7	10784.0	12274.3	13236.8	13547.3
45°	13050.6	11198.0	10659.8	10587.4	11094.5	11353.3	11270.5	12584.8	13650.8	13961.3
47.5°	13402.4	11798.3	11736.2	12170.9	12646.9	12512.4	11839.7	12812.5	13992.3	14333.9
50°	13723.3	12543.4	13091.9	13940.6	14230.4	13775.0	12450.3	13123.0	14354.6	14737.5
52.5°	14199.3	13340.3	14489.1	15544.7	15824.2	15099.7	13112.6	13630.1	14913.4	15255.0
55°	15172.2	14240.7	15948.4	17159.2	17211.0	16310.6	14002.7	14489.1	15700.0	16093.3
57.5°	16258.9	15348.1	17107.5	18494.3	18473.6	17521.5	15006.6	15648.2	16766.0	17035.1
60°	17242.0	16465.8	18370.1	19446.5	19394.7	18401.2	16176.1	16962.6	17987.2	18194.2
62.5°	17821.6	17480.1	18929.0	19746.6	19550.0	18691.0	17169.6	18132.1	18856.5	18929.0
65°	17728.5	18059.6	18277.0	18784.1	18504.7	17883.7	17656.0	18877.2	18949.7	18877.2
67.5°	17024.7	17728.5	16486.5	16538.3	16393.4	15865.6	16900.5	18680.6	18183.8	18007.9
70°	15958.7	16010.5	13785.4	13133.3	13361.0	12636.6	14499.5	17148.9	16383.0	16165.7
72.5°	14189.0	13547.3	10421.8	9759.5	10101.0	9583.5	11632.7	14944.5	14199.3	13495.6
75°	11901.8	10732.3	7938.0	6996.2	7172.1	7151.4	9014.3	12346.8	11001.4	10297.6
77.5°	9221.3	8362.3	5857.7	5495.5	5309.2	5350.6	6292.4	9179.9	7979.4	7099.7
80°	6737.4	5847.4	4533.0	4740.0	4636.5	4388.1	4408.8	6147.5	5547.3	5019.4
82.5°	4657.2	4160.4	3674.0	4150.1	3901.7	3518.8	3436.0	4429.5	4160.4	3839.6
85°	3125.5	3425.6	2918.5	3177.3	2752.9	2535.6	3229.0	3705.1	2991.0	2670.1
87.5°	2038.8	3135.9	2100.9	1593.8	910.7	1221.2	1976.7	2432.1	1397.2	755.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)