

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: P598748

Luminaire Tested: **IFLD-M-SA4B-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: P598748
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-750-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

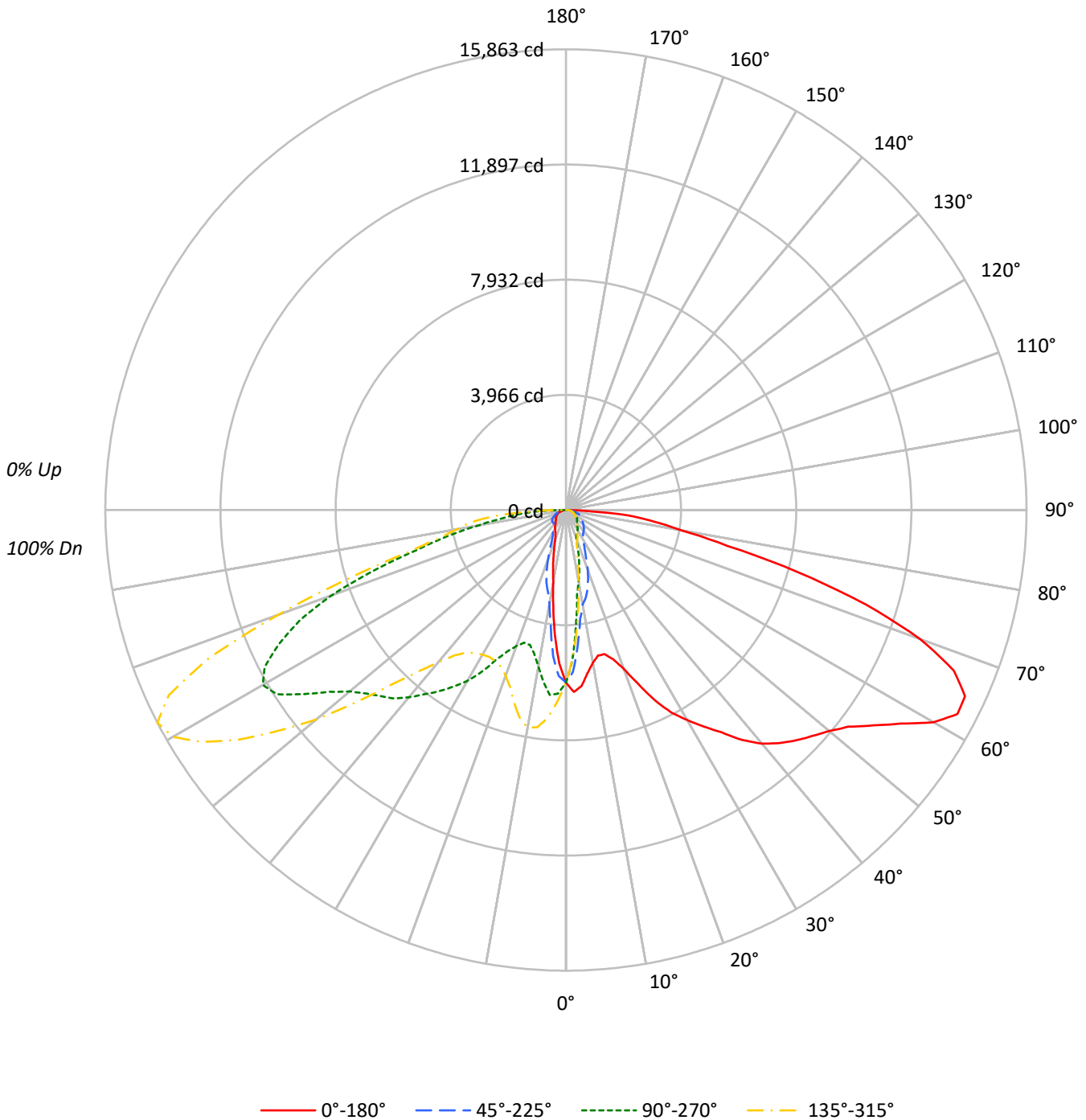
Lumens per Lamp: N/A
 Luminaire Lumens: 19871.6 lumens
 Efficiency: N/A
 Efficacy: 119.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 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



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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	63895	63895	63895	63895
5°	65756	42759	46711	69080
10°	58338	27170	27443	59701
15°	57255	19271	18251	53548
20°	66567	12190	12285	57043
25°	85607	10467	10170	67439
30°	103746	9920	9299	84422
35°	122792	8740	8412	100069
40°	147543	8294	7710	118221
45°	170723	8226	7467	137820
50°	198249	8353	7517	162748
55°	242609	8582	7645	207349
60°	314642	8592	8054	259337
65°	386229	8683	8257	277601
70°	408693	9158	8636	270281
75°	344029	9682	8642	220594
80°	249944	11337	8759	190678
85°	264900	16426	7188	198171

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	459.4	2.3
10°-20°	961.5	4.8
20°-30°	1385.6	7.0
30°-40°	1994.6	10.0
40°-50°	2833.3	14.3
50°-60°	4073.4	20.5
60°-70°	4706.1	23.7
70°-80°	2664.7	13.4
80°-90°	793.0	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°	2806.4	14.1
0°-40°	4801.1	24.2
0°-60°	11707.7	58.9
0°-90°	19871.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19871.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5936	5936	5936	5936	5936	
5°	6086	3957	4323	6393	6086	552
15°	5138	1729	1638	4805	5138	1511
25°	7208	881	856	5678	7208	3346
35°	9345	665	640	7615	9345	5931
45°	11215	540	490	9054	11215	8684
55°	12928	457	407	11049	12928	11708
65°	15164	341	324	10899	15164	14541
75°	8272	233	208	5304	8272	8777
85°	2145	133	58	1605	2145	2136
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°	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0
2.5°	6268.6	6260.3	6210.4	6052.4	5886.1	5728.2	5578.5	5420.6	5337.4	5237.7	5196.1
5°	6085.7	6069.0	5927.7	5578.5	5270.9	4938.4	4655.7	4431.2	4248.3	4065.4	3998.9
7.5°	5670.0	5645.0	5478.8	4996.6	4547.6	4115.3	3774.4	3483.5	3242.4	3134.3	3009.6
10°	5337.4	5295.9	5079.7	4547.6	3965.7	3533.3	3308.9	3109.3	2901.5	2726.9	2544.0
12.5°	5129.6	5079.7	4855.2	4231.7	3666.4	3342.1	3109.3	2884.9	2627.1	2411.0	2211.5
15°	5137.9	5079.7	4805.3	4148.6	3591.5	3175.9	2851.6	2544.0	2244.7	2003.6	1779.1
17.5°	5379.0	5304.2	5013.2	4265.0	3533.3	2959.7	2527.4	2128.3	1787.5	1529.7	1346.8
20°	5811.3	5761.4	5428.9	4439.5	3475.1	2726.9	2194.8	1712.6	1355.1	1155.6	1080.8
22.5°	6459.8	6401.6	6044.1	4705.6	3458.5	2519.1	1837.3	1346.8	1089.1	1006.0	964.4
25°	7208.0	7099.9	6767.4	5154.5	3491.8	2327.8	1546.4	1114.0	972.7	914.5	889.6
27.5°	7856.5	7790.0	7415.9	5578.5	3508.4	2178.2	1346.8	1014.3	906.2	856.3	839.7
30°	8347.0	8322.1	7956.3	6044.1	3466.8	1995.3	1222.1	972.7	906.2	856.3	806.4
32.5°	8837.5	8845.8	8455.1	6401.6	3408.6	1837.3	1105.7	864.6	798.1	764.9	773.2
35°	9344.7	9386.2	9053.7	6750.8	3283.9	1779.1	1022.6	806.4	748.2	698.4	673.4
37.5°	9984.8	10092.9	9768.7	7141.5	3159.2	1729.3	981.0	764.9	706.7	665.1	631.8
40°	10500.3	10699.8	10508.6	7507.3	3076.1	1671.1	947.8	723.3	681.7	631.8	606.9
42.5°	10882.7	11115.5	11049.0	7790.0	3076.1	1612.9	914.5	698.4	665.1	606.9	573.6
45°	11215.2	11456.3	11448.0	8081.0	3142.6	1579.6	872.9	698.4	648.5	590.3	557.0
47.5°	11514.5	11755.6	11838.8	8446.8	3250.7	1563.0	823.1	681.7	648.5	582.0	532.1
50°	11838.8	12104.8	12354.2	9028.7	3383.7	1521.4	789.8	656.8	656.8	573.6	515.5
52.5°	12254.5	12553.8	13011.0	9752.0	3516.7	1446.6	739.9	640.2	656.8	565.3	498.8
55°	12927.9	13177.3	13775.9	10616.7	3683.0	1355.1	698.4	598.6	623.5	540.4	473.9
57.5°	13684.4	13900.6	14399.4	11281.8	3732.9	1238.7	640.2	557.0	598.6	515.5	440.6
60°	14615.6	14723.6	14723.6	11473.0	3566.6	1130.7	598.6	523.8	540.4	490.5	415.7
62.5°	15205.8	15205.8	14723.6	11123.8	3250.7	1039.2	565.3	490.5	473.9	457.3	390.7
65°	15164.3	15097.8	14382.8	10109.5	2884.9	981.0	532.1	448.9	424.0	415.7	365.8
67.5°	14465.9	14349.5	13376.8	8679.6	2502.4	956.1	498.8	407.4	390.7	374.1	332.5
70°	12986.1	12686.8	11489.6	6983.5	2128.3	939.5	490.5	374.1	357.5	340.9	307.6
72.5°	10841.1	10458.7	8970.5	5370.7	1787.5	881.3	465.6	332.5	324.2	307.6	274.4
75°	8272.2	7565.5	6260.3	4107.0	1388.4	764.9	399.1	291.0	291.0	282.7	249.4
77.5°	5703.2	5337.4	4364.7	3034.5	1014.3	590.3	324.2	257.7	257.7	266.0	232.8
80°	4032.2	3691.3	3109.3	2178.2	640.2	399.1	249.4	216.2	241.1	257.7	216.2
82.5°	3084.4	2835.0	2311.2	1587.9	374.1	274.4	191.2	174.6	207.8	224.5	182.9
85°	2144.9	1845.7	1172.2	1064.2	216.2	166.3	141.3	141.3	182.9	224.5	166.3
87.5°	606.9	257.7	74.8	315.9	91.5	66.5	49.9	33.3	49.9	49.9	33.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0
2.5°	5154.5	5104.6	5104.6	5088.0	5096.3	5104.6	5096.3	5154.5	5179.5	5212.7	5279.2
5°	3957.3	4023.9	3974.0	4023.9	4090.4	4190.1	4215.1	4289.9	4298.2	4356.4	4323.1
7.5°	2934.8	2926.4	2884.9	2943.1	3126.0	3267.3	3333.8	3375.4	3383.7	3383.7	3342.1
10°	2485.8	2411.0	2336.2	2294.6	2311.2	2460.9	2510.8	2535.7	2519.1	2544.0	2510.8
12.5°	2128.3	2061.8	1953.7	1878.9	1829.0	1870.6	1920.5	1945.4	1962.0	2003.6	2036.9
15°	1729.3	1662.7	1596.2	1554.7	1513.1	1479.8	1521.4	1546.4	1587.9	1621.2	1637.8
17.5°	1313.6	1280.3	1247.1	1272.0	1272.0	1255.4	1272.0	1280.3	1296.9	1321.9	1313.6
20°	1064.2	1055.8	1047.5	1089.1	1122.4	1122.4	1139.0	1114.0	1105.7	1080.8	1072.5
22.5°	947.8	947.8	956.1	989.3	1022.6	1039.2	1039.2	997.6	956.1	939.5	947.8
25°	881.3	881.3	906.2	914.5	931.1	931.1	939.5	897.9	872.9	848.0	856.3
27.5°	831.4	831.4	839.7	839.7	848.0	848.0	856.3	839.7	806.4	798.1	798.1
30°	798.1	798.1	789.8	789.8	789.8	789.8	798.1	773.2	756.6	748.2	748.2
32.5°	764.9	756.6	748.2	748.2	739.9	739.9	748.2	723.3	715.0	715.0	715.0
35°	665.1	656.8	665.1	681.7	681.7	690.0	690.0	681.7	665.1	648.5	640.2
37.5°	623.5	615.2	615.2	615.2	631.8	640.2	648.5	631.8	606.9	582.0	582.0
40°	590.3	590.3	582.0	582.0	582.0	598.6	615.2	590.3	557.0	548.7	548.7
42.5°	565.3	557.0	548.7	540.4	532.1	557.0	573.6	540.4	523.8	523.8	523.8
45°	540.4	532.1	523.8	515.5	507.1	515.5	532.1	498.8	490.5	490.5	490.5
47.5°	515.5	507.1	490.5	482.2	473.9	473.9	490.5	465.6	457.3	465.6	465.6
50°	498.8	482.2	465.6	457.3	448.9	448.9	448.9	440.6	440.6	440.6	448.9
52.5°	482.2	465.6	440.6	432.3	424.0	424.0	424.0	424.0	415.7	424.0	432.3
55°	457.3	440.6	424.0	415.7	407.4	399.1	407.4	399.1	399.1	407.4	407.4
57.5°	424.0	407.4	390.7	390.7	382.4	382.4	390.7	382.4	382.4	390.7	390.7
60°	399.1	382.4	365.8	365.8	357.5	365.8	374.1	365.8	365.8	365.8	374.1
62.5°	365.8	357.5	340.9	340.9	340.9	340.9	349.2	340.9	349.2	349.2	349.2
65°	340.9	324.2	315.9	315.9	315.9	315.9	332.5	315.9	324.2	324.2	324.2
67.5°	315.9	299.3	291.0	291.0	291.0	291.0	307.6	291.0	299.3	307.6	299.3
70°	291.0	274.4	266.0	266.0	266.0	266.0	274.4	266.0	266.0	274.4	274.4
72.5°	257.7	249.4	241.1	241.1	232.8	241.1	249.4	241.1	241.1	241.1	241.1
75°	232.8	224.5	224.5	216.2	216.2	216.2	224.5	207.8	207.8	207.8	207.8
77.5°	216.2	199.5	199.5	199.5	191.2	199.5	191.2	174.6	174.6	174.6	174.6
80°	182.9	166.3	174.6	174.6	166.3	166.3	158.0	141.3	141.3	141.3	141.3
82.5°	149.6	133.0	141.3	141.3	141.3	141.3	124.7	116.4	108.1	99.8	99.8
85°	133.0	108.1	124.7	124.7	116.4	116.4	83.1	83.1	66.5	66.5	58.2
87.5°	24.9	16.6	33.3	41.6	41.6	49.9	33.3	41.6	24.9	16.6	16.6
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°	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0
2.5°	5270.9	5362.4	5487.1	5578.5	5719.9	5827.9	5994.2	6135.5	6268.6	6326.8	6385.0
5°	4422.9	4481.1	4672.3	4822.0	5046.4	5287.5	5586.8	5911.1	6243.6	6393.3	6567.9
7.5°	3308.9	3416.9	3525.0	3741.2	4015.5	4406.3	4788.7	5270.9	5736.5	5961.0	6260.3
10°	2568.9	2652.1	2776.8	3001.3	3259.0	3583.2	4040.5	4614.1	5171.1	5462.1	5769.7
12.5°	2061.8	2178.2	2344.5	2577.3	2876.6	3209.1	3541.7	4073.7	4722.2	5054.8	5403.9
15°	1671.1	1762.5	1945.4	2236.4	2585.6	2926.4	3275.6	3716.2	4422.9	4805.3	5221.0
17.5°	1330.2	1396.7	1563.0	1854.0	2203.1	2585.6	2984.6	3541.7	4323.1	4788.7	5279.2
20°	1080.8	1130.7	1238.7	1454.9	1787.5	2203.1	2702.0	3375.4	4381.3	4979.9	5578.5
22.5°	947.8	964.4	1014.3	1130.7	1405.0	1845.7	2444.2	3234.0	4489.4	5262.6	6069.0
25°	856.3	872.9	889.6	964.4	1122.4	1538.0	2219.8	3150.9	4722.2	5678.3	6634.4
27.5°	798.1	814.7	823.1	856.3	964.4	1313.6	2028.6	3101.0	5038.1	6285.2	7332.7
30°	748.2	748.2	773.2	823.1	897.9	1155.6	1862.3	2984.6	5370.7	6792.3	7881.4
32.5°	706.7	715.0	748.2	773.2	823.1	1022.6	1696.0	2835.0	5670.0	7208.0	8421.8
35°	631.8	631.8	640.2	681.7	748.2	914.5	1546.4	2685.3	5836.2	7615.4	8904.0
37.5°	582.0	590.3	606.9	640.2	698.4	839.7	1421.7	2519.1	6010.8	7997.8	9469.4
40°	548.7	557.0	573.6	606.9	665.1	773.2	1313.6	2386.0	6193.7	8413.5	10076.3
42.5°	523.8	532.1	548.7	582.0	631.8	756.6	1197.2	2278.0	6301.8	8795.9	10649.9
45°	498.8	507.1	532.1	565.3	606.9	739.9	1130.7	2203.1	6343.4	9053.7	11107.2
47.5°	473.9	482.2	507.1	557.0	606.9	715.0	1105.7	2161.6	6376.6	9344.7	11473.0
50°	448.9	465.6	498.8	548.7	615.2	681.7	1089.1	2153.3	6567.9	9718.8	11822.1
52.5°	432.3	457.3	490.5	548.7	606.9	631.8	1080.8	2178.2	6950.3	10275.8	12321.0
55°	415.7	440.6	473.9	548.7	582.0	590.3	1039.2	2219.8	7532.3	11049.0	13027.6
57.5°	399.1	415.7	457.3	532.1	548.7	557.0	956.1	2278.0	8114.2	11805.5	13750.9
60°	374.1	390.7	432.3	532.1	498.8	523.8	848.0	2294.6	8529.9	12046.6	13817.4
62.5°	349.2	365.8	407.4	548.7	457.3	490.5	756.6	2236.4	8613.0	11697.4	13443.3
65°	324.2	340.9	374.1	457.3	424.0	457.3	698.4	2078.4	8338.7	10899.3	12761.6
67.5°	299.3	315.9	340.9	374.1	382.4	415.7	673.4	1829.0	7648.6	9910.0	11830.5
70°	266.0	282.7	307.6	332.5	340.9	390.7	631.8	1587.9	6534.6	8588.1	10691.5
72.5°	241.1	249.4	274.4	291.0	307.6	357.5	606.9	1388.4	4996.6	6950.3	8721.1
75°	207.8	207.8	232.8	249.4	266.0	315.9	557.0	1155.6	3525.0	5304.2	6409.9
77.5°	174.6	174.6	191.2	207.8	224.5	274.4	473.9	939.5	2444.2	4206.8	4647.4
80°	133.0	133.0	149.6	166.3	182.9	232.8	382.4	690.0	1513.1	3076.1	3383.7
82.5°	91.5	91.5	116.4	124.7	133.0	182.9	291.0	473.9	889.6	2219.8	2419.3
85°	49.9	49.9	66.5	74.8	91.5	133.0	216.2	332.5	532.1	1604.6	1612.9
87.5°	8.3	8.3	24.9	24.9	41.6	66.5	124.7	182.9	299.3	889.6	565.3
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: P598748
 CATALOG NUMBER: IFLD-M-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0	5936.0
2.5°	6493.0	6584.5	6592.8	6592.8	6551.2	6559.5	6443.2	6318.4	6276.9	6268.6
5°	6833.9	7075.0	7141.5	7174.8	7066.7	6900.4	6601.1	6276.9	6110.6	6085.7
7.5°	6767.4	7249.6	7507.3	7540.6	7324.4	6933.7	6409.9	5911.1	5719.9	5670.0
10°	6376.6	7025.1	7490.7	7607.1	7374.3	6875.5	6193.7	5611.8	5379.0	5337.4
12.5°	6102.3	6725.8	7183.1	7341.0	7233.0	6800.6	6085.7	5420.6	5187.8	5129.6
15°	5952.6	6526.3	6825.6	6875.5	6867.2	6684.3	6085.7	5462.1	5204.4	5137.9
17.5°	6077.3	6468.1	6509.7	6393.3	6459.8	6551.2	6218.7	5686.6	5437.2	5379.0
20°	6326.8	6443.2	6243.6	6069.0	6102.3	6393.3	6426.5	6110.6	5911.1	5811.3
22.5°	6850.5	6534.6	6077.3	5836.2	5861.2	6268.6	6700.9	6684.3	6509.7	6459.8
25°	7382.6	6792.3	6027.5	5744.8	5778.1	6243.6	7025.1	7324.4	7233.0	7208.0
27.5°	7972.9	7224.6	6060.7	5703.2	5744.8	6276.9	7249.6	7864.8	7881.4	7856.5
30°	8371.9	7432.5	6160.5	5753.1	5811.3	6360.0	7299.5	8189.0	8338.7	8347.0
32.5°	8704.5	7640.3	6368.3	5836.2	5936.0	6509.7	7432.5	8496.6	8829.2	8837.5
35°	8970.5	7873.1	6626.1	5985.9	6135.5	6759.1	7607.1	8787.6	9286.5	9344.7
37.5°	9311.4	8130.8	6925.4	6310.1	6476.4	7116.6	7914.7	9128.5	9826.8	9984.8
40°	9677.2	8388.6	7357.7	6833.9	7075.0	7648.6	8263.9	9510.9	10284.1	10500.3
42.5°	10084.6	8662.9	7848.2	7540.6	7906.4	8322.1	8662.9	9860.1	10633.3	10882.7
45°	10483.6	8995.5	8563.2	8505.0	8912.3	9120.2	9053.7	10109.5	10965.8	11215.2
47.5°	10766.3	9477.7	9427.8	9777.0	10159.4	10051.3	9510.9	10292.4	11240.2	11514.5
50°	11024.0	10076.3	10516.9	11198.6	11431.4	11065.6	10001.4	10541.8	11531.2	11838.8
52.5°	11406.5	10716.4	11639.2	12487.2	12711.7	12129.8	10533.5	10949.2	11980.1	12254.5
55°	12188.0	11439.7	12811.5	13784.2	13825.8	13102.5	11248.5	11639.2	12612.0	12927.9
57.5°	13060.9	12329.3	13742.6	14856.7	14840.0	14075.2	12054.9	12570.4	13468.3	13684.4
60°	13850.7	13227.2	14756.9	15621.5	15580.0	14781.8	12994.4	13626.2	14449.3	14615.6
62.5°	14316.3	14041.9	15205.8	15862.6	15704.7	15014.6	13792.5	14565.7	15147.6	15205.8
65°	14241.4	14507.5	14682.1	15089.4	14865.0	14366.2	14183.3	15164.3	15222.5	15164.3
67.5°	13676.1	14241.4	13243.8	13285.4	13169.0	12745.0	13576.3	15006.3	14607.3	14465.9
70°	12819.8	12861.4	11073.9	10550.1	10733.0	10151.1	11647.6	13775.9	13160.7	12986.1
72.5°	11398.1	10882.7	8371.9	7839.9	8114.2	7698.5	9344.7	12005.0	11406.5	10841.1
75°	9560.8	8621.4	6376.6	5620.1	5761.4	5744.8	7241.3	9918.3	8837.5	8272.2
77.5°	7407.5	6717.5	4705.6	4414.6	4265.0	4298.2	5054.8	7374.3	6409.9	5703.2
80°	5412.2	4697.3	3641.4	3807.7	3724.6	3525.0	3541.7	4938.4	4456.2	4032.2
82.5°	3741.2	3342.1	2951.4	3333.8	3134.3	2826.7	2760.2	3558.3	3342.1	3084.4
85°	2510.8	2751.8	2344.5	2552.3	2211.5	2036.9	2593.9	2976.3	2402.7	2144.9
87.5°	1637.8	2519.1	1687.7	1280.3	731.6	981.0	1587.9	1953.7	1122.4	606.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)