

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: P598837

Luminaire Tested: **IFLD-M-SA4D-830-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598837
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-830-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

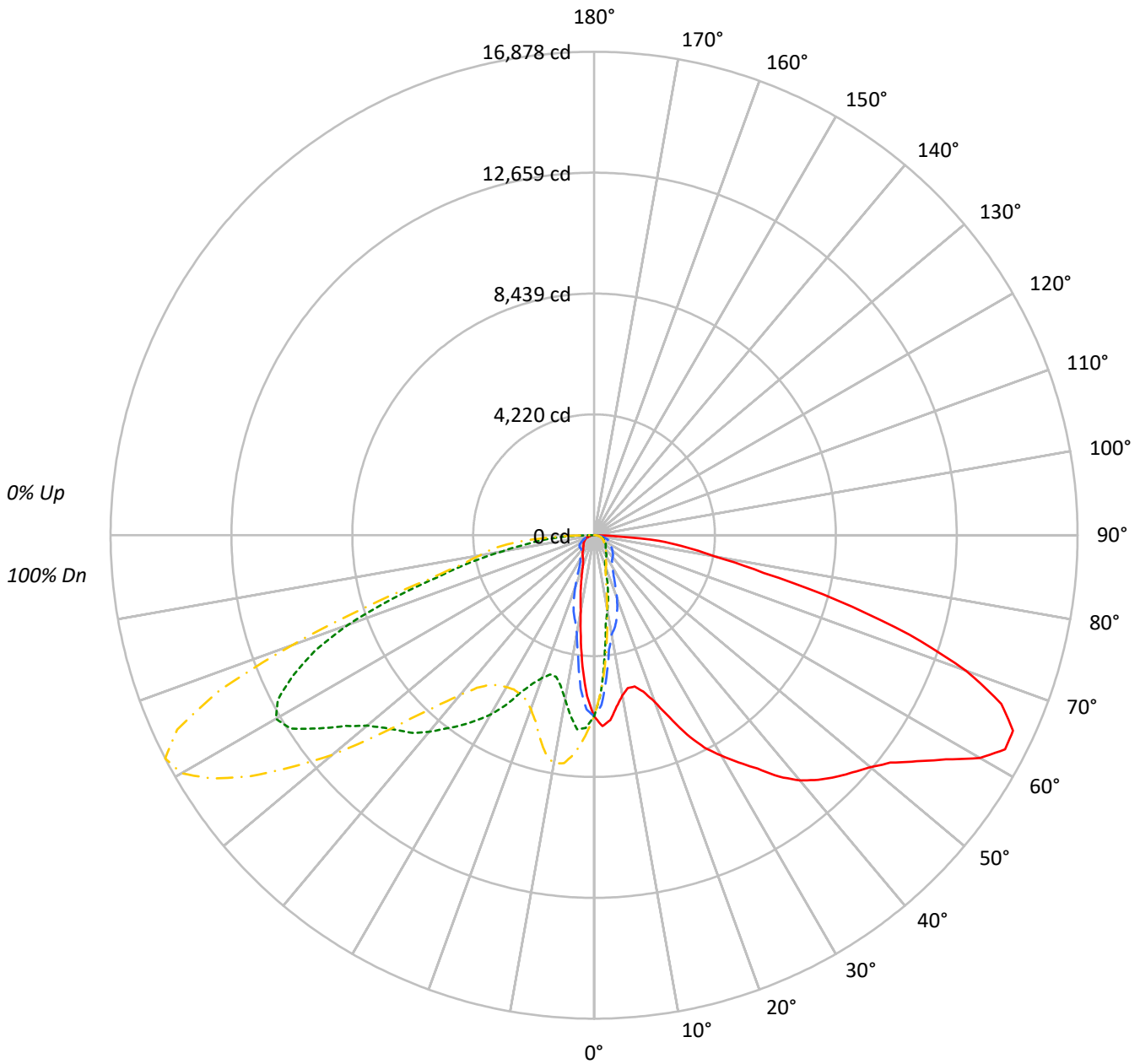
Lumens per Lamp: N/A
 Luminaire Lumens: 21143.8 lumens
 Efficiency: N/A
 Efficacy: 84.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 249.7
 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°	67986	67986	67986	67986
5°	69966	45497	49702	73502
10°	62072	28910	29199	63523
15°	60920	20504	19420	56977
20°	70829	12970	13071	60696
25°	91088	11137	10821	71756
30°	110388	10555	9895	89828
35°	130653	9299	8950	106476
40°	156988	8826	8203	125790
45°	181654	8753	7945	146643
50°	210940	8889	7999	173167
55°	258142	9130	8135	220624
60°	334786	9141	8570	275942
65°	410954	9238	8787	295373
70°	434859	9744	9187	287584
75°	366054	10301	9199	234718
80°	265942	12063	9323	202883
85°	281869	17476	7645	210855

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	488.8	2.3
10°-20°	1023.0	4.8
20°-30°	1474.3	7.0
30°-40°	2122.3	10.0
40°-50°	3014.7	14.3
50°-60°	4334.2	20.5
60°-70°	5007.4	23.7
70°-80°	2835.3	13.4
80°-90°	843.8	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°	2986.1	14.1
0°-40°	5108.4	24.2
0°-60°	12457.3	58.9
0°-90°	21143.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21143.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6316	6316	6316	6316	6316	
5°	6475	4211	4600	6803	6475	588
15°	5467	1840	1743	5113	5467	1608
25°	7670	938	911	6042	7670	3560
35°	9943	708	681	8103	9943	6310
45°	11933	575	522	9633	11933	9240
55°	13756	486	434	11756	13756	12458
65°	16135	363	345	11597	16135	15472
75°	8802	248	221	5644	8802	9339
85°	2282	142	62	1707	2282	2273
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°	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1
2.5°	6669.9	6661.1	6608.0	6439.9	6263.0	6094.9	5935.7	5767.6	5679.1	5573.0	5528.8
5°	6475.3	6457.6	6307.2	5935.7	5608.4	5254.5	4953.8	4714.9	4520.3	4325.7	4254.9
7.5°	6033.0	6006.4	5829.5	5316.5	4838.8	4378.8	4016.1	3706.5	3449.9	3334.9	3202.3
10°	5679.1	5634.9	5404.9	4838.8	4219.6	3759.6	3520.7	3308.4	3087.3	2901.5	2706.9
12.5°	5458.0	5404.9	5166.1	4502.6	3901.1	3556.1	3308.4	3069.6	2795.3	2565.3	2353.0
15°	5466.8	5404.9	5113.0	4414.2	3821.5	3379.2	3034.2	2706.9	2388.4	2131.9	1893.0
17.5°	5723.4	5643.8	5334.1	4538.0	3759.6	3149.2	2689.2	2264.6	1901.9	1627.7	1433.1
20°	6183.4	6130.3	5776.5	4723.8	3697.6	2901.5	2335.3	1822.3	1441.9	1229.6	1150.0
22.5°	6873.4	6811.4	6431.1	5006.8	3679.9	2680.3	1955.0	1433.1	1158.8	1070.4	1026.1
25°	7669.5	7554.5	7200.7	5484.5	3715.3	2476.9	1645.4	1185.4	1035.0	973.1	946.5
27.5°	8359.5	8288.7	7890.6	5935.7	3733.0	2317.7	1433.1	1079.2	964.2	911.1	893.4
30°	8881.4	8854.9	8465.6	6431.1	3688.8	2123.0	1300.4	1035.0	964.2	911.1	858.1
32.5°	9403.3	9412.2	8996.4	6811.4	3626.9	1955.0	1176.5	920.0	849.2	813.8	822.7
35°	9942.9	9987.2	9633.3	7183.0	3494.2	1893.0	1088.1	858.1	796.1	743.1	716.5
37.5°	10624.1	10739.1	10394.1	7598.7	3361.5	1840.0	1043.8	813.8	751.9	707.7	672.3
40°	11172.5	11384.8	11181.4	7988.0	3273.0	1778.0	1008.4	769.6	725.4	672.3	645.8
42.5°	11579.4	11827.1	11756.4	8288.7	3273.0	1716.1	973.1	743.1	707.7	645.8	610.4
45°	11933.3	12189.8	12181.0	8598.3	3343.8	1680.7	928.8	743.1	690.0	628.1	592.7
47.5°	12251.7	12508.3	12596.7	8987.6	3458.8	1663.1	875.8	725.4	690.0	619.2	566.1
50°	12596.7	12879.8	13145.2	9606.8	3600.3	1618.8	840.4	698.8	698.8	610.4	548.5
52.5°	13039.0	13357.5	13844.0	10376.4	3741.9	1539.2	787.3	681.1	698.8	601.5	530.8
55°	13755.6	14020.9	14657.9	11296.4	3918.8	1441.9	743.1	636.9	663.5	575.0	504.2
57.5°	14560.5	14790.5	15321.3	12004.0	3971.9	1318.1	681.1	592.7	636.9	548.5	468.8
60°	15551.3	15666.3	15666.3	12207.5	3794.9	1203.1	636.9	557.3	575.0	521.9	442.3
62.5°	16179.4	16179.4	15666.3	11836.0	3458.8	1105.8	601.5	521.9	504.2	486.5	415.8
65°	16135.1	16064.4	15303.6	10756.8	3069.6	1043.8	566.1	477.7	451.1	442.3	389.2
67.5°	15392.1	15268.2	14233.2	9235.2	2662.7	1017.3	530.8	433.5	415.8	398.1	353.8
70°	13817.5	13499.0	12225.2	7430.7	2264.6	999.6	521.9	398.1	380.4	362.7	327.3
72.5°	11535.2	11128.3	9544.9	5714.5	1901.9	937.7	495.4	353.8	345.0	327.3	291.9
75°	8801.8	8049.9	6661.1	4369.9	1477.3	813.8	424.6	309.6	309.6	300.8	265.4
77.5°	6068.4	5679.1	4644.2	3228.8	1079.2	628.1	345.0	274.2	274.2	283.1	247.7
80°	4290.3	3927.6	3308.4	2317.7	681.1	424.6	265.4	230.0	256.5	274.2	230.0
82.5°	3281.9	3016.5	2459.2	1689.6	398.1	291.9	203.5	185.8	221.2	238.8	194.6
85°	2282.3	1963.8	1247.3	1132.3	230.0	176.9	150.4	150.4	194.6	238.8	176.9
87.5°	645.8	274.2	79.6	336.1	97.3	70.8	53.1	35.4	53.1	53.1	35.4
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°	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1
2.5°	5484.5	5431.5	5431.5	5413.8	5422.6	5431.5	5422.6	5484.5	5511.1	5546.5	5617.2
5°	4210.7	4281.5	4228.4	4281.5	4352.2	4458.4	4484.9	4564.5	4573.4	4635.3	4599.9
7.5°	3122.6	3113.8	3069.6	3131.5	3326.1	3476.5	3547.3	3591.5	3600.3	3600.3	3556.1
10°	2645.0	2565.3	2485.7	2441.5	2459.2	2618.4	2671.5	2698.0	2680.3	2706.9	2671.5
12.5°	2264.6	2193.8	2078.8	1999.2	1946.1	1990.4	2043.4	2070.0	2087.7	2131.9	2167.3
15°	1840.0	1769.2	1698.4	1654.2	1610.0	1574.6	1618.8	1645.4	1689.6	1725.0	1742.7
17.5°	1397.7	1362.3	1326.9	1353.4	1353.4	1335.7	1353.4	1362.3	1380.0	1406.5	1397.7
20°	1132.3	1123.4	1114.6	1158.8	1194.2	1194.2	1211.9	1185.4	1176.5	1150.0	1141.1
22.5°	1008.4	1008.4	1017.3	1052.7	1088.1	1105.8	1105.8	1061.5	1017.3	999.6	1008.4
25°	937.7	937.7	964.2	973.1	990.8	990.8	999.6	955.4	928.8	902.3	911.1
27.5°	884.6	884.6	893.4	893.4	902.3	902.3	911.1	893.4	858.1	849.2	849.2
30°	849.2	849.2	840.4	840.4	840.4	840.4	849.2	822.7	805.0	796.1	796.1
32.5°	813.8	805.0	796.1	796.1	787.3	787.3	796.1	769.6	760.8	760.8	760.8
35°	707.7	698.8	707.7	725.4	725.4	734.2	734.2	725.4	707.7	690.0	681.1
37.5°	663.5	654.6	654.6	654.6	672.3	681.1	690.0	672.3	645.8	619.2	619.2
40°	628.1	628.1	619.2	619.2	619.2	636.9	654.6	628.1	592.7	583.8	583.8
42.5°	601.5	592.7	583.8	575.0	566.1	592.7	610.4	575.0	557.3	557.3	557.3
45°	575.0	566.1	557.3	548.5	539.6	548.5	566.1	530.8	521.9	521.9	521.9
47.5°	548.5	539.6	521.9	513.1	504.2	504.2	521.9	495.4	486.5	495.4	495.4
50°	530.8	513.1	495.4	486.5	477.7	477.7	477.7	468.8	468.8	468.8	477.7
52.5°	513.1	495.4	468.8	460.0	451.1	451.1	451.1	451.1	442.3	451.1	460.0
55°	486.5	468.8	451.1	442.3	433.5	424.6	433.5	424.6	424.6	433.5	433.5
57.5°	451.1	433.5	415.8	415.8	406.9	406.9	415.8	406.9	406.9	415.8	415.8
60°	424.6	406.9	389.2	389.2	380.4	389.2	398.1	389.2	389.2	389.2	398.1
62.5°	389.2	380.4	362.7	362.7	362.7	362.7	371.5	362.7	371.5	371.5	371.5
65°	362.7	345.0	336.1	336.1	336.1	336.1	353.8	336.1	345.0	345.0	345.0
67.5°	336.1	318.5	309.6	309.6	309.6	309.6	327.3	309.6	318.5	327.3	318.5
70°	309.6	291.9	283.1	283.1	283.1	283.1	291.9	283.1	283.1	291.9	291.9
72.5°	274.2	265.4	256.5	256.5	247.7	256.5	265.4	256.5	256.5	256.5	256.5
75°	247.7	238.8	238.8	230.0	230.0	230.0	238.8	221.2	221.2	221.2	221.2
77.5°	230.0	212.3	212.3	212.3	203.5	212.3	203.5	185.8	185.8	185.8	185.8
80°	194.6	176.9	185.8	185.8	176.9	176.9	168.1	150.4	150.4	150.4	150.4
82.5°	159.2	141.5	150.4	150.4	150.4	150.4	132.7	123.8	115.0	106.2	106.2
85°	141.5	115.0	132.7	132.7	123.8	123.8	88.5	88.5	70.8	70.8	61.9
87.5°	26.5	17.7	35.4	44.2	44.2	53.1	35.4	44.2	26.5	17.7	17.7
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°	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1
2.5°	5608.4	5705.7	5838.4	5935.7	6086.1	6201.1	6378.0	6528.4	6669.9	6731.8	6793.7
5°	4706.1	4768.0	4971.5	5130.7	5369.5	5626.1	5944.5	6289.5	6643.4	6802.6	6988.4
7.5°	3520.7	3635.7	3750.7	3980.7	4272.6	4688.4	5095.3	5608.4	6103.8	6342.6	6661.1
10°	2733.4	2821.9	2954.6	3193.4	3467.6	3812.6	4299.2	4909.5	5502.2	5811.8	6139.1
12.5°	2193.8	2317.7	2494.6	2742.3	3060.7	3414.6	3768.4	4334.5	5024.5	5378.4	5749.9
15°	1778.0	1875.4	2070.0	2379.6	2751.1	3113.8	3485.3	3954.2	4706.1	5113.0	5555.3
17.5°	1415.4	1486.1	1663.1	1972.7	2344.2	2751.1	3175.7	3768.4	4599.9	5095.3	5617.2
20°	1150.0	1203.1	1318.1	1548.1	1901.9	2344.2	2875.0	3591.5	4661.9	5298.8	5935.7
22.5°	1008.4	1026.1	1079.2	1203.1	1495.0	1963.8	2600.7	3441.1	4776.9	5599.5	6457.6
25°	911.1	928.8	946.5	1026.1	1194.2	1636.5	2361.9	3352.6	5024.5	6041.8	7059.1
27.5°	849.2	866.9	875.8	911.1	1026.1	1397.7	2158.4	3299.6	5360.7	6687.6	7802.2
30°	796.1	796.1	822.7	875.8	955.4	1229.6	1981.5	3175.7	5714.5	7227.2	8386.0
32.5°	751.9	760.8	796.1	822.7	875.8	1088.1	1804.6	3016.5	6033.0	7669.5	8961.0
35°	672.3	672.3	681.1	725.4	796.1	973.1	1645.4	2857.3	6209.9	8103.0	9474.1
37.5°	619.2	628.1	645.8	681.1	743.1	893.4	1512.7	2680.3	6395.7	8509.9	10075.6
40°	583.8	592.7	610.4	645.8	707.7	822.7	1397.7	2538.8	6590.3	8952.2	10721.4
42.5°	557.3	566.1	583.8	619.2	672.3	805.0	1273.8	2423.8	6705.3	9359.1	11331.8
45°	530.8	539.6	566.1	601.5	645.8	787.3	1203.1	2344.2	6749.5	9633.3	11818.3
47.5°	504.2	513.1	539.6	592.7	645.8	760.8	1176.5	2300.0	6784.9	9942.9	12207.5
50°	477.7	495.4	530.8	583.8	654.6	725.4	1158.8	2291.1	6988.4	10341.0	12579.0
52.5°	460.0	486.5	521.9	583.8	645.8	672.3	1150.0	2317.7	7395.3	10933.7	13109.8
55°	442.3	468.8	504.2	583.8	619.2	628.1	1105.8	2361.9	8014.5	11756.4	13861.7
57.5°	424.6	442.3	486.5	566.1	583.8	592.7	1017.3	2423.8	8633.7	12561.3	14631.3
60°	398.1	415.8	460.0	566.1	530.8	557.3	902.3	2441.5	9076.0	12817.9	14702.1
62.5°	371.5	389.2	433.5	583.8	486.5	521.9	805.0	2379.6	9164.5	12446.3	14304.0
65°	345.0	362.7	398.1	486.5	451.1	486.5	743.1	2211.5	8872.6	11597.1	13578.6
67.5°	318.5	336.1	362.7	398.1	406.9	442.3	716.5	1946.1	8138.3	10544.5	12587.9
70°	283.1	300.8	327.3	353.8	362.7	415.8	672.3	1689.6	6953.0	9137.9	11376.0
72.5°	256.5	265.4	291.9	309.6	327.3	380.4	645.8	1477.3	5316.5	7395.3	9279.5
75°	221.2	221.2	247.7	265.4	283.1	336.1	592.7	1229.6	3750.7	5643.8	6820.3
77.5°	185.8	185.8	203.5	221.2	238.8	291.9	504.2	999.6	2600.7	4476.1	4944.9
80°	141.5	141.5	159.2	176.9	194.6	247.7	406.9	734.2	1610.0	3273.0	3600.3
82.5°	97.3	97.3	123.8	132.7	141.5	194.6	309.6	504.2	946.5	2361.9	2574.2
85°	53.1	53.1	70.8	79.6	97.3	141.5	230.0	353.8	566.1	1707.3	1716.1
87.5°	8.8	8.8	26.5	26.5	44.2	70.8	132.7	194.6	318.5	946.5	601.5
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: P598837
 CATALOG NUMBER: IFLD-M-SA4D-830-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1	6316.1
2.5°	6908.7	7006.0	7014.9	7014.9	6970.7	6979.5	6855.7	6723.0	6678.7	6669.9
5°	7271.4	7528.0	7598.7	7634.1	7519.1	7342.2	7023.7	6678.7	6501.8	6475.3
7.5°	7200.7	7713.7	7988.0	8023.3	7793.3	7377.6	6820.3	6289.5	6086.1	6033.0
10°	6784.9	7474.9	7970.3	8094.1	7846.4	7315.7	6590.3	5971.1	5723.4	5679.1
12.5°	6493.0	7156.4	7643.0	7811.0	7696.0	7236.0	6475.3	5767.6	5519.9	5458.0
15°	6333.7	6944.1	7262.6	7315.7	7306.8	7112.2	6475.3	5811.8	5537.6	5466.8
17.5°	6466.4	6882.2	6926.4	6802.6	6873.4	6970.7	6616.8	6050.7	5785.3	5723.4
20°	6731.8	6855.7	6643.4	6457.6	6493.0	6802.6	6838.0	6501.8	6289.5	6183.4
22.5°	7289.1	6953.0	6466.4	6209.9	6236.4	6669.9	7129.9	7112.2	6926.4	6873.4
25°	7855.3	7227.2	6413.4	6112.6	6148.0	6643.4	7474.9	7793.3	7696.0	7669.5
27.5°	8483.3	7687.2	6448.7	6068.4	6112.6	6678.7	7713.7	8368.3	8386.0	8359.5
30°	8907.9	7908.3	6554.9	6121.4	6183.4	6767.2	7766.8	8713.3	8872.6	8881.4
32.5°	9261.8	8129.5	6776.1	6209.9	6316.1	6926.4	7908.3	9040.6	9394.5	9403.3
35°	9544.9	8377.2	7050.3	6369.1	6528.4	7191.8	8094.1	9350.2	9881.0	9942.9
37.5°	9907.5	8651.4	7368.7	6714.1	6891.0	7572.2	8421.4	9712.9	10456.0	10624.1
40°	10296.8	8925.6	7828.7	7271.4	7528.0	8138.3	8792.9	10119.8	10942.5	11172.5
42.5°	10730.2	9217.6	8350.6	8023.3	8412.6	8854.9	9217.6	10491.4	11314.1	11579.4
45°	11154.8	9571.4	9111.4	9049.5	9482.9	9704.1	9633.3	10756.8	11667.9	11933.3
47.5°	11455.6	10084.5	10031.4	10402.9	10809.8	10694.8	10119.8	10951.4	11959.8	12251.7
50°	11729.8	10721.4	11190.2	11915.6	12163.3	11774.1	10641.8	11216.8	12269.4	12596.7
52.5°	12136.7	11402.5	12384.4	13286.7	13525.6	12906.3	11207.9	11650.2	12747.1	13039.0
55°	12968.3	12172.1	13631.7	14666.7	14710.9	13941.3	11968.7	12384.4	13419.4	13755.6
57.5°	13897.1	13118.6	14622.5	15807.8	15790.1	14976.3	12826.7	13375.2	14330.6	14560.5
60°	14737.5	14074.0	15701.7	16621.7	16577.4	15728.2	13826.3	14498.6	15374.4	15551.3
62.5°	15232.8	14940.9	16179.4	16878.2	16710.1	15975.9	14675.5	15498.2	16117.4	16179.4
65°	15153.2	15436.3	15622.1	16055.5	15816.7	15285.9	15091.3	16135.1	16197.1	16135.1
67.5°	14551.7	15153.2	14091.7	14135.9	14012.1	13560.9	14445.5	15967.1	15542.5	15392.1
70°	13640.6	13684.8	11782.9	11225.6	11420.2	10801.0	12393.3	14657.9	14003.2	13817.5
72.5°	12127.9	11579.4	8907.9	8341.8	8633.7	8191.4	9942.9	12773.7	12136.7	11535.2
75°	10172.9	9173.3	6784.9	5979.9	6130.3	6112.6	7704.9	10553.3	9403.3	8801.8
77.5°	7881.8	7147.6	5006.8	4697.2	4538.0	4573.4	5378.4	7846.4	6820.3	6068.4
80°	5758.8	4998.0	3874.6	4051.5	3963.0	3750.7	3768.4	5254.5	4741.5	4290.3
82.5°	3980.7	3556.1	3140.3	3547.3	3334.9	3007.6	2936.9	3786.1	3556.1	3281.9
85°	2671.5	2928.0	2494.6	2715.7	2353.0	2167.3	2760.0	3166.9	2556.5	2282.3
87.5°	1742.7	2680.3	1795.7	1362.3	778.4	1043.8	1689.6	2078.8	1194.2	645.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)