

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: P598807

Luminaire Tested: **IFLD-M-SA4C-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598807
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

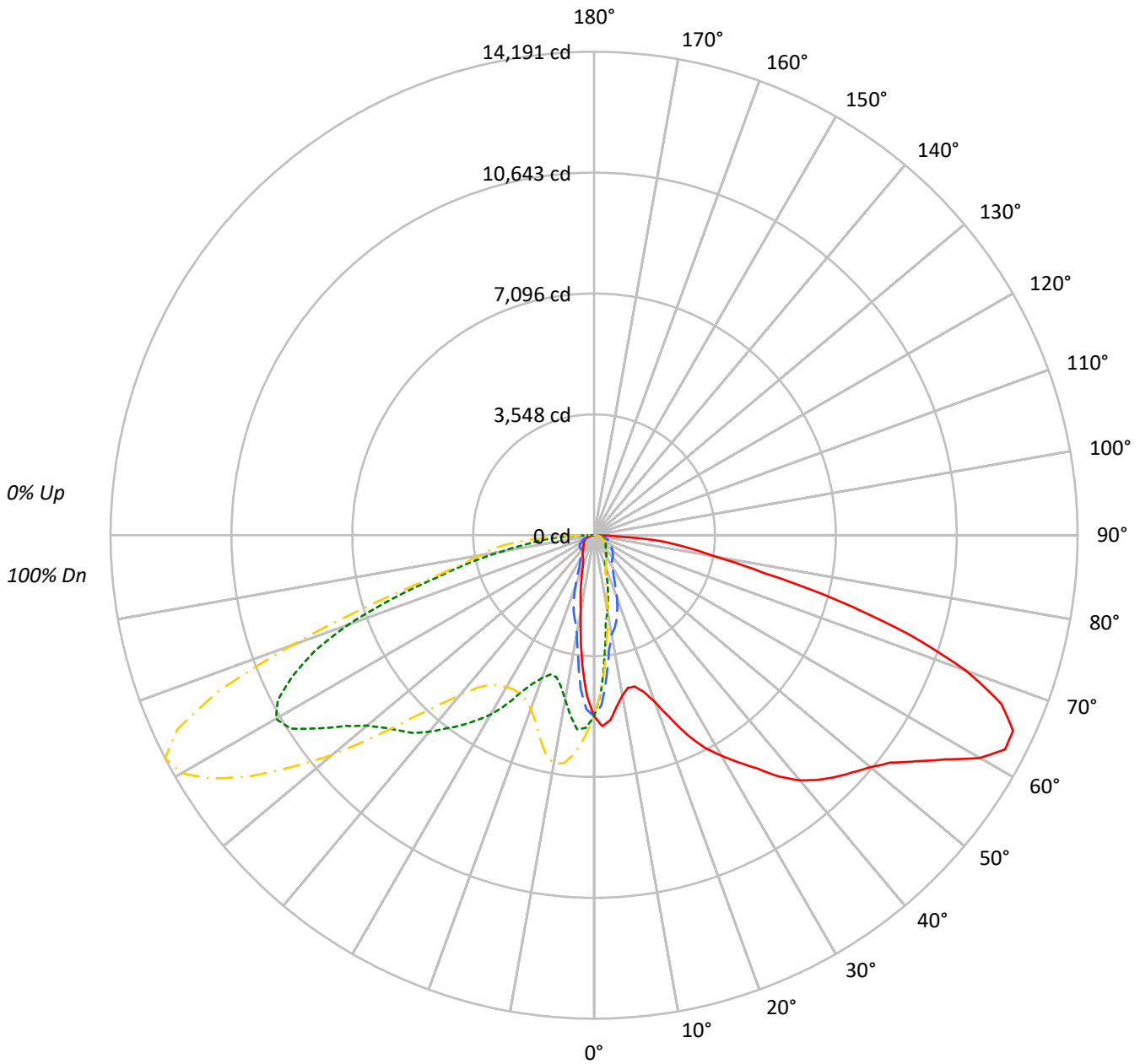
Lumens per Lamp: N/A
 Luminaire Lumens: 17777.2 lumens
 Efficiency: N/A
 Efficacy: 81.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	57161	57161	57161	57161
5°	58826	38253	41788	61798
10°	52189	24306	24550	53408
15°	51221	17239	16328	47905
20°	59551	10905	10990	51032
25°	76584	9364	9099	60331
30°	92812	8874	8320	75524
35°	109850	7818	7525	89522
40°	131992	7420	6898	105761
45°	152730	7359	6680	123293
50°	177353	7474	6725	145594
55°	217038	7677	6838	185494
60°	281479	7685	7205	232003
65°	345520	7766	7389	248344
70°	365618	8192	7723	241793
75°	307768	8663	7731	197342
80°	223599	10141	7835	170582
85°	236988	14697	6434	177275

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	411.0	2.3
10°-20°	860.1	4.8
20°-30°	1239.5	7.0
30°-40°	1784.4	10.0
40°-50°	2534.6	14.3
50°-60°	3644.1	20.5
60°-70°	4210.1	23.7
70°-80°	2383.9	13.4
80°-90°	709.4	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°	2510.6	14.1
0°-40°	4295.1	24.2
0°-60°	10473.8	58.9
0°-90°	17777.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17777.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5310	5310	5310	5310	5310	
5°	5444	3540	3868	5719	5444	494
15°	4596	1547	1465	4299	4596	1352
25°	6448	788	766	5080	6448	2993
35°	8360	595	573	6813	8360	5306
45°	10033	483	439	8099	10033	7769
55°	11565	409	364	9884	11565	10474
65°	13566	305	290	9751	13566	13009
75°	7400	208	186	4745	7400	7852
85°	1919	119	52	1435	1919	1911
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°	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4
2.5°	5607.9	5600.4	5555.8	5414.5	5265.8	5124.4	4990.6	4849.3	4774.9	4685.6	4648.4
5°	5444.3	5429.4	5302.9	4990.6	4715.4	4417.9	4165.0	3964.2	3800.6	3636.9	3577.4
7.5°	5072.4	5050.1	4901.3	4469.9	4068.3	3681.6	3376.6	3116.3	2900.6	2803.9	2692.4
10°	4774.9	4737.7	4544.3	4068.3	3547.7	3160.9	2960.1	2781.6	2595.7	2439.5	2275.9
12.5°	4588.9	4544.3	4343.5	3785.7	3279.9	2989.9	2781.6	2580.8	2350.3	2156.9	1978.4
15°	4596.4	4544.3	4298.9	3711.3	3213.0	2841.1	2551.1	2275.9	2008.1	1792.4	1591.6
17.5°	4812.1	4745.1	4484.8	3815.4	3160.9	2647.8	2261.0	1904.0	1599.1	1368.5	1204.9
20°	5198.8	5154.2	4856.7	3971.6	3108.9	2439.5	1963.5	1532.1	1212.3	1033.8	966.9
22.5°	5778.9	5726.9	5407.1	4209.6	3094.0	2253.6	1643.7	1204.9	974.3	899.9	862.8
25°	6448.3	6351.6	6054.1	4611.3	3123.8	2082.5	1383.4	996.6	870.2	818.1	795.8
27.5°	7028.4	6968.9	6634.3	4990.6	3138.6	1948.6	1204.9	907.4	810.7	766.1	751.2
30°	7467.3	7444.9	7117.7	5407.1	3101.4	1785.0	1093.3	870.2	810.7	766.1	721.4
32.5°	7906.1	7913.5	7563.9	5726.9	3049.4	1643.7	989.2	773.5	714.0	684.3	691.7
35°	8359.8	8396.9	8099.4	6039.3	2937.8	1591.6	914.8	721.4	669.4	624.8	602.4
37.5°	8932.4	9029.1	8739.1	6388.8	2826.3	1547.0	877.6	684.3	632.2	595.0	565.3
40°	9393.6	9572.1	9401.0	6716.1	2751.9	1494.9	847.9	647.1	609.9	565.3	542.9
42.5°	9735.7	9943.9	9884.4	6968.9	2751.9	1442.9	818.1	624.8	595.0	542.9	513.2
45°	10033.2	10248.9	10241.4	7229.3	2811.4	1413.1	780.9	624.8	580.1	528.1	498.3
47.5°	10300.9	10516.6	10591.0	7556.5	2908.1	1398.3	736.3	609.9	580.1	520.6	476.0
50°	10591.0	10829.0	11052.1	8077.1	3027.1	1361.1	706.6	587.6	587.6	513.2	461.1
52.5°	10962.9	11230.6	11639.7	8724.2	3146.1	1294.1	661.9	572.7	587.6	505.8	446.3
55°	11565.3	11788.4	12323.9	9497.7	3294.8	1212.3	624.8	535.5	557.8	483.4	423.9
57.5°	12242.1	12435.5	12881.8	10092.7	3339.4	1108.2	572.7	498.3	535.5	461.1	394.2
60°	13075.1	13171.8	13171.8	10263.8	3190.7	1011.5	535.5	468.6	483.4	438.8	371.9
62.5°	13603.2	13603.2	13171.8	9951.4	2908.1	929.7	505.8	438.8	423.9	409.1	349.6
65°	13566.0	13506.5	12866.9	9044.0	2580.8	877.6	476.0	401.6	379.3	371.9	327.3
67.5°	12941.3	12837.1	11966.9	7764.8	2238.7	855.3	446.3	364.4	349.6	334.7	297.5
70°	11617.4	11349.6	10278.6	6247.5	1904.0	840.4	438.8	334.7	319.8	304.9	275.2
72.5°	9698.5	9356.4	8025.1	4804.6	1599.1	788.4	416.5	297.5	290.1	275.2	245.4
75°	7400.3	6768.1	5600.4	3674.1	1242.1	684.3	357.0	260.3	260.3	252.9	223.1
77.5°	5102.1	4774.9	3904.7	2714.7	907.4	528.1	290.1	230.6	230.6	238.0	208.3
80°	3607.2	3302.3	2781.6	1948.6	572.7	357.0	223.1	193.4	215.7	230.6	193.4
82.5°	2759.3	2536.2	2067.6	1420.6	334.7	245.4	171.1	156.2	185.9	200.8	163.6
85°	1918.9	1651.1	1048.7	952.0	193.4	148.8	126.4	126.4	163.6	200.8	148.8
87.5°	542.9	230.6	66.9	282.6	81.8	59.5	44.6	29.8	44.6	44.6	29.8
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°	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4
2.5°	4611.3	4566.6	4566.6	4551.8	4559.2	4566.6	4559.2	4611.3	4633.6	4663.3	4722.8
5°	3540.3	3599.8	3555.1	3599.8	3659.3	3748.5	3770.8	3837.8	3845.2	3897.3	3867.5
7.5°	2625.4	2618.0	2580.8	2632.9	2796.5	2922.9	2982.4	3019.6	3027.1	3027.1	2989.9
10°	2223.8	2156.9	2089.9	2052.8	2067.6	2201.5	2246.1	2268.4	2253.6	2275.9	2246.1
12.5°	1904.0	1844.5	1747.8	1680.9	1636.3	1673.4	1718.1	1740.4	1755.3	1792.4	1822.2
15°	1547.0	1487.5	1428.0	1390.8	1353.6	1323.9	1361.1	1383.4	1420.6	1450.3	1465.2
17.5°	1175.1	1145.4	1115.6	1137.9	1137.9	1123.1	1137.9	1145.4	1160.3	1182.6	1175.1
20°	952.0	944.6	937.1	974.3	1004.1	1004.1	1018.9	996.6	989.2	966.9	959.4
22.5°	847.9	847.9	855.3	885.1	914.8	929.7	929.7	892.5	855.3	840.4	847.9
25°	788.4	788.4	810.7	818.1	833.0	833.0	840.4	803.3	780.9	758.6	766.1
27.5°	743.8	743.8	751.2	751.2	758.6	758.6	766.1	751.2	721.4	714.0	714.0
30°	714.0	714.0	706.6	706.6	706.6	706.6	714.0	691.7	676.8	669.4	669.4
32.5°	684.3	676.8	669.4	669.4	661.9	661.9	669.4	647.1	639.6	639.6	639.6
35°	595.0	587.6	595.0	609.9	609.9	617.3	617.3	609.9	595.0	580.1	572.7
37.5°	557.8	550.4	550.4	550.4	565.3	572.7	580.1	565.3	542.9	520.6	520.6
40°	528.1	528.1	520.6	520.6	520.6	535.5	550.4	528.1	498.3	490.9	490.9
42.5°	505.8	498.3	490.9	483.4	476.0	498.3	513.2	483.4	468.6	468.6	468.6
45°	483.4	476.0	468.6	461.1	453.7	461.1	476.0	446.3	438.8	438.8	438.8
47.5°	461.1	453.7	438.8	431.4	423.9	423.9	438.8	416.5	409.1	416.5	416.5
50°	446.3	431.4	416.5	409.1	401.6	401.6	401.6	394.2	394.2	394.2	401.6
52.5°	431.4	416.5	394.2	386.8	379.3	379.3	379.3	379.3	371.9	379.3	386.8
55°	409.1	394.2	379.3	371.9	364.4	357.0	364.4	357.0	357.0	364.4	364.4
57.5°	379.3	364.4	349.6	349.6	342.1	342.1	349.6	342.1	342.1	349.6	349.6
60°	357.0	342.1	327.3	327.3	319.8	327.3	334.7	327.3	327.3	327.3	334.7
62.5°	327.3	319.8	304.9	304.9	304.9	304.9	312.4	304.9	312.4	312.4	312.4
65°	304.9	290.1	282.6	282.6	282.6	282.6	297.5	282.6	290.1	290.1	290.1
67.5°	282.6	267.8	260.3	260.3	260.3	260.3	275.2	260.3	267.8	275.2	267.8
70°	260.3	245.4	238.0	238.0	238.0	238.0	245.4	238.0	238.0	245.4	245.4
72.5°	230.6	223.1	215.7	215.7	208.3	215.7	223.1	215.7	215.7	215.7	215.7
75°	208.3	200.8	200.8	193.4	193.4	193.4	200.8	185.9	185.9	185.9	185.9
77.5°	193.4	178.5	178.5	178.5	171.1	178.5	171.1	156.2	156.2	156.2	156.2
80°	163.6	148.8	156.2	156.2	148.8	148.8	141.3	126.4	126.4	126.4	126.4
82.5°	133.9	119.0	126.4	126.4	126.4	126.4	111.6	104.1	96.7	89.3	89.3
85°	119.0	96.7	111.6	111.6	104.1	104.1	74.4	74.4	59.5	59.5	52.1
87.5°	22.3	14.9	29.8	37.2	37.2	44.6	29.8	37.2	22.3	14.9	14.9
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°	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4
2.5°	4715.4	4797.2	4908.8	4990.6	5117.0	5213.7	5362.4	5488.9	5607.9	5659.9	5712.0
5°	3956.8	4008.8	4179.9	4313.8	4514.6	4730.3	4998.0	5288.1	5585.6	5719.4	5875.6
7.5°	2960.1	3056.8	3153.5	3346.9	3592.3	3941.9	4284.0	4715.4	5131.9	5332.7	5600.4
10°	2298.2	2372.6	2484.1	2684.9	2915.5	3205.6	3614.6	4127.8	4626.1	4886.4	5161.6
12.5°	1844.5	1948.6	2097.4	2305.6	2573.4	2870.9	3168.4	3644.4	4224.5	4522.0	4834.4
15°	1494.9	1576.8	1740.4	2000.7	2313.1	2618.0	2930.4	3324.6	3956.8	4298.9	4670.8
17.5°	1190.0	1249.5	1398.3	1658.6	1970.9	2313.1	2670.1	3168.4	3867.5	4284.0	4722.8
20°	966.9	1011.5	1108.2	1301.6	1599.1	1970.9	2417.2	3019.6	3919.6	4455.1	4990.6
22.5°	847.9	862.8	907.4	1011.5	1256.9	1651.1	2186.6	2893.2	4016.3	4707.9	5429.4
25°	766.1	780.9	795.8	862.8	1004.1	1375.9	1985.8	2818.8	4224.5	5079.8	5935.1
27.5°	714.0	728.9	736.3	766.1	862.8	1175.1	1814.8	2774.2	4507.1	5622.8	6559.9
30°	669.4	669.4	691.7	736.3	803.3	1033.8	1666.0	2670.1	4804.6	6076.4	7050.8
32.5°	632.2	639.6	669.4	691.7	736.3	914.8	1517.3	2536.2	5072.4	6448.3	7534.2
35°	565.3	565.3	572.7	609.9	669.4	818.1	1383.4	2402.3	5221.1	6812.8	7965.6
37.5°	520.6	528.1	542.9	572.7	624.8	751.2	1271.8	2253.6	5377.3	7154.9	8471.3
40°	490.9	498.3	513.2	542.9	595.0	691.7	1175.1	2134.6	5540.9	7526.8	9014.3
42.5°	468.6	476.0	490.9	520.6	565.3	676.8	1071.0	2037.9	5637.6	7868.9	9527.4
45°	446.3	453.7	476.0	505.8	542.9	661.9	1011.5	1970.9	5674.8	8099.4	9936.5
47.5°	423.9	431.4	453.7	498.3	542.9	639.6	989.2	1933.8	5704.6	8359.8	10263.8
50°	401.6	416.5	446.3	490.9	550.4	609.9	974.3	1926.3	5875.6	8694.4	10576.1
52.5°	386.8	409.1	438.8	490.9	542.9	565.3	966.9	1948.6	6217.8	9192.8	11022.4
55°	371.9	394.2	423.9	490.9	520.6	528.1	929.7	1985.8	6738.4	9884.4	11654.6
57.5°	357.0	371.9	409.1	476.0	490.9	498.3	855.3	2037.9	7259.0	10561.3	12301.6
60°	334.7	349.6	386.8	476.0	446.3	468.6	758.6	2052.8	7630.9	10776.9	12361.1
62.5°	312.4	327.3	364.4	490.9	409.1	438.8	676.8	2000.7	7705.3	10464.6	12026.4
65°	290.1	304.9	334.7	409.1	379.3	409.1	624.8	1859.4	7459.8	9750.6	11416.6
67.5°	267.8	282.6	304.9	334.7	342.1	371.9	602.4	1636.3	6842.5	8865.5	10583.6
70°	238.0	252.9	275.2	297.5	304.9	349.6	565.3	1420.6	5845.9	7682.9	9564.6
72.5°	215.7	223.1	245.4	260.3	275.2	319.8	542.9	1242.1	4469.9	6217.8	7801.9
75°	185.9	185.9	208.3	223.1	238.0	282.6	498.3	1033.8	3153.5	4745.1	5734.3
77.5°	156.2	156.2	171.1	185.9	200.8	245.4	423.9	840.4	2186.6	3763.4	4157.6
80°	119.0	119.0	133.9	148.8	163.6	208.3	342.1	617.3	1353.6	2751.9	3027.1
82.5°	81.8	81.8	104.1	111.6	119.0	163.6	260.3	423.9	795.8	1985.8	2164.3
85°	44.6	44.6	59.5	66.9	81.8	119.0	193.4	297.5	476.0	1435.4	1442.9
87.5°	7.4	7.4	22.3	22.3	37.2	59.5	111.6	163.6	267.8	795.8	505.8
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: P598807
 CATALOG NUMBER: IFLD-M-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4	5310.4
2.5°	5808.7	5890.5	5897.9	5897.9	5860.8	5868.2	5764.1	5652.5	5615.3	5607.9
5°	6113.6	6329.3	6388.8	6418.6	6321.9	6173.1	5905.4	5615.3	5466.6	5444.3
7.5°	6054.1	6485.5	6716.1	6745.8	6552.4	6202.9	5734.3	5288.1	5117.0	5072.4
10°	5704.6	6284.7	6701.2	6805.3	6597.1	6150.8	5540.9	5020.3	4812.1	4774.9
12.5°	5459.1	6016.9	6426.0	6567.3	6470.6	6083.9	5444.3	4849.3	4641.0	4588.9
15°	5325.3	5838.4	6106.2	6150.8	6143.4	5979.8	5444.3	4886.4	4655.9	4596.4
17.5°	5436.8	5786.4	5823.6	5719.4	5778.9	5860.8	5563.3	5087.3	4864.1	4812.1
20°	5659.9	5764.1	5585.6	5429.4	5459.1	5719.4	5749.2	5466.6	5288.1	5198.8
22.5°	6128.5	5845.9	5436.8	5221.1	5243.4	5607.9	5994.6	5979.8	5823.6	5778.9
25°	6604.5	6076.4	5392.2	5139.3	5169.1	5585.6	6284.7	6552.4	6470.6	6448.3
27.5°	7132.6	6463.2	5421.9	5102.1	5139.3	5615.3	6485.5	7035.9	7050.8	7028.4
30°	7489.6	6649.1	5511.2	5146.8	5198.8	5689.7	6530.1	7325.9	7459.8	7467.3
32.5°	7787.1	6835.1	5697.1	5221.1	5310.4	5823.6	6649.1	7601.1	7898.6	7906.1
35°	8025.1	7043.3	5927.7	5355.0	5488.9	6046.7	6805.3	7861.4	8307.7	8359.8
37.5°	8330.0	7273.9	6195.4	5645.1	5793.8	6366.5	7080.5	8166.4	8791.1	8932.4
40°	8657.3	7504.4	6582.2	6113.6	6329.3	6842.5	7392.9	8508.5	9200.2	9393.6
42.5°	9021.7	7749.9	7021.0	6745.8	7073.1	7444.9	7749.9	8820.9	9512.6	9735.7
45°	9378.7	8047.4	7660.6	7608.6	7973.0	8158.9	8099.4	9044.0	9810.1	10033.2
47.5°	9631.6	8478.8	8434.1	8746.5	9088.6	8991.9	8508.5	9207.6	10055.5	10300.9
50°	9862.1	9014.3	9408.4	10018.3	10226.6	9899.3	8947.3	9430.8	10315.8	10591.0
52.5°	10204.3	9586.9	10412.5	11171.1	11371.9	10851.3	9423.3	9795.2	10717.4	10962.9
55°	10903.4	10234.0	11461.2	12331.4	12368.6	11721.5	10062.9	10412.5	11282.7	11565.3
57.5°	11684.3	11029.8	12294.2	13290.8	13275.9	12591.7	10784.4	11245.5	12048.8	12242.1
60°	12390.9	11833.1	13201.6	13975.1	13937.9	13223.9	11624.8	12190.1	12926.4	13075.1
62.5°	12807.4	12561.9	13603.2	14190.8	14049.4	13432.1	12338.8	13030.5	13551.1	13603.2
65°	12740.4	12978.4	13134.6	13499.1	13298.3	12852.0	12688.4	13566.0	13618.1	13566.0
67.5°	12234.7	12740.4	11847.9	11885.1	11781.0	11401.7	12145.4	13424.7	13067.7	12941.3
70°	11468.6	11505.8	9906.8	9438.2	9601.8	9081.2	10419.9	12323.9	11773.6	11617.4
72.5°	10196.8	9735.7	7489.6	7013.6	7259.0	6887.1	8359.8	10739.8	10204.3	9698.5
75°	8553.1	7712.7	5704.6	5027.8	5154.2	5139.3	6478.1	8872.9	7906.1	7400.3
77.5°	6626.8	6009.5	4209.6	3949.3	3815.4	3845.2	4522.0	6597.1	5734.3	5102.1
80°	4841.8	4202.2	3257.6	3406.4	3332.0	3153.5	3168.4	4417.9	3986.5	3607.2
82.5°	3346.9	2989.9	2640.3	2982.4	2803.9	2528.8	2469.3	3183.3	2989.9	2759.3
85°	2246.1	2461.8	2097.4	2283.3	1978.4	1822.2	2320.5	2662.6	2149.4	1918.9
87.5°	1465.2	2253.6	1509.8	1145.4	654.5	877.6	1420.6	1747.8	1004.1	542.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)