

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: P598606

Luminaire Tested: **IFLD-M-SA4E-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598606
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4E-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

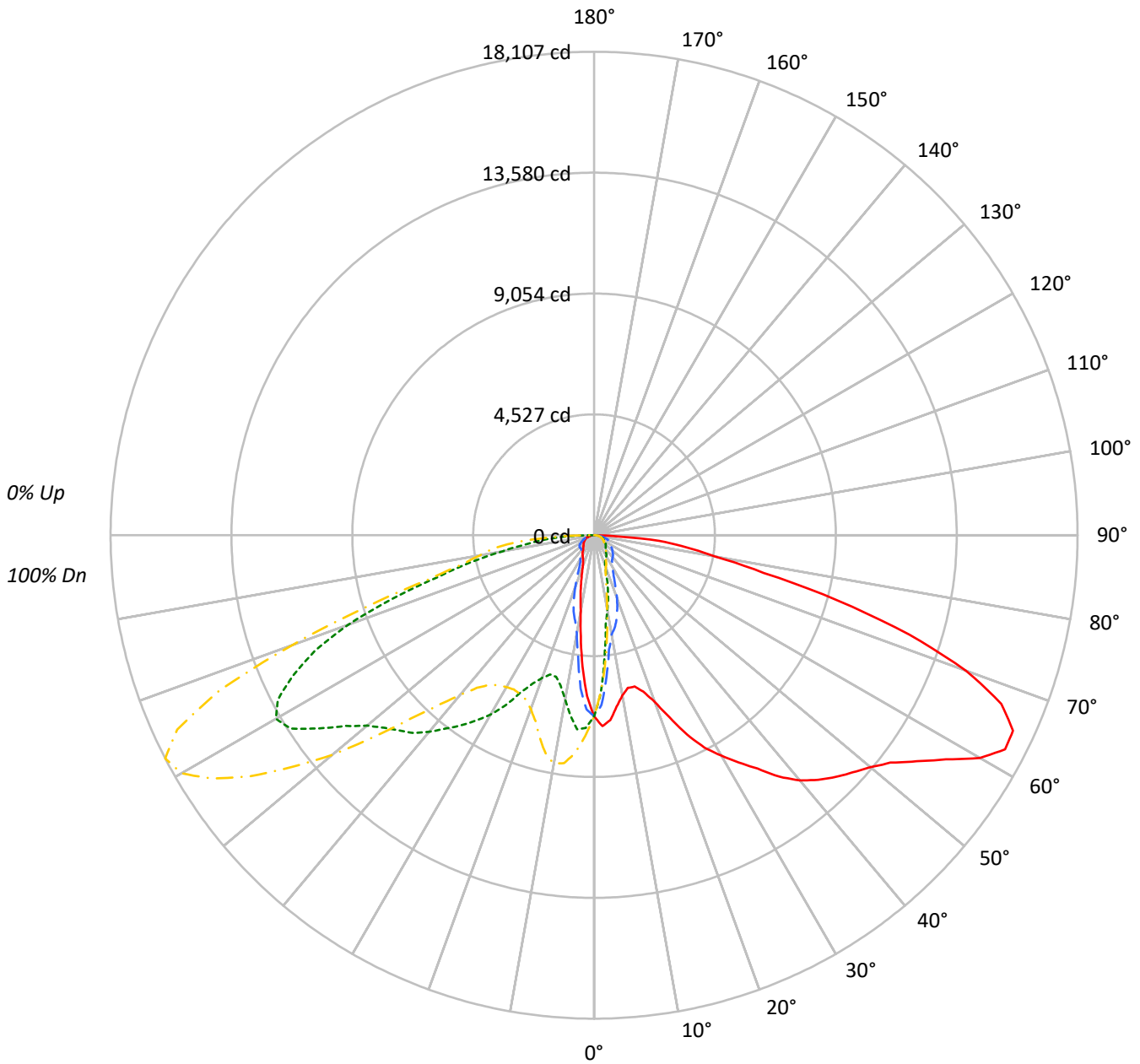
Lumens per Lamp: N/A
 Luminaire Lumens: 22683.5 lumens
 Efficiency: N/A
 Efficacy: 72.1 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 314.8
 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	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	72936	72936	72936	72936
5°	75060	48810	53322	78854
10°	66593	31015	31325	68148
15°	65356	21998	20834	61126
20°	75986	13914	14023	65115
25°	97721	11948	11609	76982
30°	118426	11324	10616	96369
35°	140166	9976	9602	114229
40°	168420	9468	8802	134949
45°	194881	9391	8523	157321
50°	226301	9535	8582	185777
55°	276938	9796	8726	236688
60°	359164	9806	9195	296033
65°	440879	9910	9426	316882
70°	466522	10455	9857	308525
75°	392708	11050	9869	251806
80°	285307	12943	9998	217661
85°	302395	18748	8201	226206

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.4	2.3
10°-20°	1097.5	4.8
20°-30°	1581.6	7.0
30°-40°	2276.9	10.0
40°-50°	3234.2	14.3
50°-60°	4649.8	20.5
60°-70°	5372.1	23.7
70°-80°	3041.8	13.4
80°-90°	905.2	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°	3203.5	14.1
0°-40°	5480.4	24.2
0°-60°	13364.4	58.9
0°-90°	22683.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22683.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6776	6776	6776	6776	6776	
5°	6947	4517	4935	7298	6947	630
15°	5865	1974	1870	5485	5865	1725
25°	8228	1006	978	6482	8228	3819
35°	10667	759	731	8693	10667	6770
45°	12802	617	560	10335	12802	9913
55°	14757	522	465	12612	14757	13365
65°	17310	389	370	12442	17310	16599
75°	9443	266	237	6055	9443	10019
85°	2448	152	66	1832	2448	2438
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°	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0
2.5°	7155.6	7146.1	7089.1	6908.8	6719.0	6538.7	6367.9	6187.6	6092.7	5978.8	5931.3
5°	6946.8	6927.8	6766.5	6367.9	6016.8	5637.2	5314.5	5058.3	4849.5	4640.7	4564.8
7.5°	6472.3	6443.8	6254.0	5703.6	5191.1	4697.6	4308.5	3976.4	3701.2	3577.8	3435.4
10°	6092.7	6045.2	5798.5	5191.1	4526.8	4033.3	3777.1	3549.3	3312.1	3112.8	2904.0
12.5°	5855.4	5798.5	5542.3	4830.5	4185.2	3815.0	3549.3	3293.1	2998.9	2752.1	2524.4
15°	5864.9	5798.5	5485.3	4735.6	4099.7	3625.2	3255.1	2904.0	2562.3	2287.1	2030.9
17.5°	6140.1	6054.7	5722.6	4868.5	4033.3	3378.5	2885.0	2429.5	2040.4	1746.2	1537.4
20°	6633.6	6576.7	6197.1	5067.7	3966.9	3112.8	2505.4	1955.0	1546.9	1319.1	1233.7
22.5°	7373.9	7307.4	6899.3	5371.4	3947.9	2875.5	2097.3	1537.4	1243.2	1148.3	1100.9
25°	8228.0	8104.6	7725.0	5883.9	3985.9	2657.2	1765.2	1271.7	1110.3	1043.9	1015.4
27.5°	8968.2	8892.3	8465.2	6367.9	4004.8	2486.4	1537.4	1157.8	1034.4	977.5	958.5
30°	9528.1	9499.6	9082.1	6899.3	3957.4	2277.6	1395.1	1110.3	1034.4	977.5	920.5
32.5°	10088.0	10097.5	9651.5	7307.4	3891.0	2097.3	1262.2	987.0	911.1	873.1	882.6
35°	10666.9	10714.4	10334.8	7706.0	3748.6	2030.9	1167.3	920.5	854.1	797.2	768.7
37.5°	11397.7	11521.1	11150.9	8152.0	3606.3	1974.0	1119.8	873.1	806.7	759.2	721.3
40°	11986.1	12213.8	11995.6	8569.6	3511.4	1907.5	1081.9	825.6	778.2	721.3	692.8
42.5°	12422.6	12688.3	12612.4	8892.3	3511.4	1841.1	1043.9	797.2	759.2	692.8	654.8
45°	12802.2	13077.4	13067.9	9224.4	3587.3	1803.1	996.5	797.2	740.2	673.8	635.8
47.5°	13143.9	13419.1	13514.0	9642.0	3710.7	1784.1	939.5	778.2	740.2	664.3	607.4
50°	13514.0	13817.7	14102.4	10306.3	3862.5	1736.7	901.6	749.7	749.7	654.8	588.4
52.5°	13988.5	14330.1	14852.1	11132.0	4014.3	1651.3	844.6	730.7	749.7	645.3	569.4
55°	14757.2	15041.9	15725.2	12118.9	4204.1	1546.9	797.2	683.3	711.8	616.9	540.9
57.5°	15620.8	15867.5	16437.0	12878.1	4261.1	1414.0	730.7	635.8	683.3	588.4	503.0
60°	16683.7	16807.1	16807.1	13096.4	4071.3	1290.7	683.3	597.9	616.9	559.9	474.5
62.5°	17357.5	17357.5	16807.1	12697.8	3710.7	1186.3	645.3	559.9	540.9	522.0	446.0
65°	17310.0	17234.1	16418.0	11540.0	3293.1	1119.8	607.4	512.5	484.0	474.5	417.6
67.5°	16512.9	16380.0	15269.7	9907.7	2856.5	1091.4	569.4	465.0	446.0	427.1	379.6
70°	14823.6	14482.0	13115.4	7971.7	2429.5	1072.4	559.9	427.1	408.1	389.1	351.1
72.5°	12375.2	11938.6	10239.9	6130.6	2040.4	1006.0	531.4	379.6	370.1	351.1	313.2
75°	9442.7	8636.0	7146.1	4688.1	1584.9	873.1	455.5	332.2	332.2	322.7	284.7
77.5°	6510.2	6092.7	4982.3	3463.9	1157.8	673.8	370.1	294.2	294.2	303.7	265.7
80°	4602.7	4213.6	3549.3	2486.4	730.7	455.5	284.7	246.7	275.2	294.2	246.7
82.5°	3520.8	3236.1	2638.3	1812.6	427.1	313.2	218.3	199.3	237.3	256.2	208.8
85°	2448.5	2106.8	1338.1	1214.7	246.7	189.8	161.3	161.3	208.8	256.2	189.8
87.5°	692.8	294.2	85.4	360.6	104.4	75.9	56.9	38.0	56.9	56.9	38.0
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°	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0
2.5°	5883.9	5827.0	5827.0	5808.0	5817.5	5827.0	5817.5	5883.9	5912.4	5950.3	6026.2
5°	4517.3	4593.2	4536.3	4593.2	4669.2	4783.0	4811.5	4896.9	4906.4	4972.8	4934.9
7.5°	3350.0	3340.5	3293.1	3359.5	3568.3	3729.6	3805.6	3853.0	3862.5	3862.5	3815.0
10°	2837.6	2752.1	2666.7	2619.3	2638.3	2809.1	2866.0	2894.5	2875.5	2904.0	2866.0
12.5°	2429.5	2353.6	2230.2	2144.8	2087.8	2135.3	2192.2	2220.7	2239.7	2287.1	2325.1
15°	1974.0	1898.0	1822.1	1774.7	1727.2	1689.2	1736.7	1765.2	1812.6	1850.6	1869.6
17.5°	1499.4	1461.5	1423.5	1452.0	1452.0	1433.0	1452.0	1461.5	1480.5	1508.9	1499.4
20°	1214.7	1205.2	1195.8	1243.2	1281.2	1281.2	1300.2	1271.7	1262.2	1233.7	1224.2
22.5°	1081.9	1081.9	1091.4	1129.3	1167.3	1186.3	1186.3	1138.8	1091.4	1072.4	1081.9
25°	1006.0	1006.0	1034.4	1043.9	1062.9	1062.9	1072.4	1024.9	996.5	968.0	977.5
27.5°	949.0	949.0	958.5	958.5	968.0	968.0	977.5	958.5	920.5	911.1	911.1
30°	911.1	911.1	901.6	901.6	901.6	901.6	911.1	882.6	863.6	854.1	854.1
32.5°	873.1	863.6	854.1	854.1	844.6	844.6	854.1	825.6	816.2	816.2	816.2
35°	759.2	749.7	759.2	778.2	778.2	787.7	787.7	778.2	759.2	740.2	730.7
37.5°	711.8	702.3	702.3	702.3	721.3	730.7	740.2	721.3	692.8	664.3	664.3
40°	673.8	673.8	664.3	664.3	664.3	683.3	702.3	673.8	635.8	626.4	626.4
42.5°	645.3	635.8	626.4	616.9	607.4	635.8	654.8	616.9	597.9	597.9	597.9
45°	616.9	607.4	597.9	588.4	578.9	588.4	607.4	569.4	559.9	559.9	559.9
47.5°	588.4	578.9	559.9	550.4	540.9	540.9	559.9	531.4	522.0	531.4	531.4
50°	569.4	550.4	531.4	522.0	512.5	512.5	512.5	503.0	503.0	503.0	512.5
52.5°	550.4	531.4	503.0	493.5	484.0	484.0	484.0	484.0	474.5	484.0	493.5
55°	522.0	503.0	484.0	474.5	465.0	455.5	465.0	455.5	455.5	465.0	465.0
57.5°	484.0	465.0	446.0	446.0	436.5	436.5	446.0	436.5	436.5	446.0	446.0
60°	455.5	436.5	417.6	417.6	408.1	417.6	427.1	417.6	417.6	417.6	427.1
62.5°	417.6	408.1	389.1	389.1	389.1	389.1	398.6	389.1	398.6	398.6	398.6
65°	389.1	370.1	360.6	360.6	360.6	360.6	379.6	360.6	370.1	370.1	370.1
67.5°	360.6	341.6	332.2	332.2	332.2	332.2	351.1	332.2	341.6	351.1	341.6
70°	332.2	313.2	303.7	303.7	303.7	303.7	313.2	303.7	303.7	313.2	313.2
72.5°	294.2	284.7	275.2	275.2	265.7	275.2	284.7	275.2	275.2	275.2	275.2
75°	265.7	256.2	256.2	246.7	246.7	246.7	256.2	237.3	237.3	237.3	237.3
77.5°	246.7	227.8	227.8	227.8	218.3	227.8	218.3	199.3	199.3	199.3	199.3
80°	208.8	189.8	199.3	199.3	189.8	189.8	180.3	161.3	161.3	161.3	161.3
82.5°	170.8	151.8	161.3	161.3	161.3	161.3	142.4	132.9	123.4	113.9	113.9
85°	151.8	123.4	142.4	142.4	132.9	132.9	94.9	94.9	75.9	75.9	66.4
87.5°	28.5	19.0	38.0	47.5	47.5	56.9	38.0	47.5	28.5	19.0	19.0
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°	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0
2.5°	6016.8	6121.2	6263.5	6367.9	6529.2	6652.6	6842.4	7003.7	7155.6	7222.0	7288.4
5°	5048.8	5115.2	5333.5	5504.3	5760.5	6035.7	6377.4	6747.5	7127.1	7297.9	7497.2
7.5°	3777.1	3900.5	4023.8	4270.6	4583.7	5029.8	5466.3	6016.8	6548.2	6804.4	7146.1
10°	2932.5	3027.4	3169.7	3425.9	3720.1	4090.3	4612.2	5267.0	5902.9	6235.0	6586.2
12.5°	2353.6	2486.4	2676.2	2941.9	3283.6	3663.2	4042.8	4650.2	5390.4	5770.0	6168.6
15°	1907.5	2011.9	2220.7	2552.9	2951.4	3340.5	3739.1	4242.1	5048.8	5485.3	5959.8
17.5°	1518.4	1594.3	1784.1	2116.3	2514.9	2951.4	3407.0	4042.8	4934.9	5466.3	6026.2
20°	1233.7	1290.7	1414.0	1660.8	2040.4	2514.9	3084.3	3853.0	5001.3	5684.6	6367.9
22.5°	1081.9	1100.9	1157.8	1290.7	1603.8	2106.8	2790.1	3691.7	5124.7	6007.3	6927.8
25°	977.5	996.5	1015.4	1100.9	1281.2	1755.7	2533.9	3596.8	5390.4	6481.8	7573.1
27.5°	911.1	930.0	939.5	977.5	1100.9	1499.4	2315.6	3539.8	5751.0	7174.6	8370.3
30°	854.1	854.1	882.6	939.5	1024.9	1319.1	2125.8	3407.0	6130.6	7753.5	8996.7
32.5°	806.7	816.2	854.1	882.6	939.5	1167.3	1936.0	3236.1	6472.3	8228.0	9613.5
35°	721.3	721.3	730.7	778.2	854.1	1043.9	1765.2	3065.3	6662.1	8693.0	10164.0
37.5°	664.3	673.8	692.8	730.7	797.2	958.5	1622.8	2875.5	6861.4	9129.5	10809.3
40°	626.4	635.8	654.8	692.8	759.2	882.6	1499.4	2723.7	7070.2	9604.0	11502.1
42.5°	597.9	607.4	626.4	664.3	721.3	863.6	1366.6	2600.3	7193.5	10040.6	12156.9
45°	569.4	578.9	607.4	645.3	692.8	844.6	1290.7	2514.9	7241.0	10334.8	12678.8
47.5°	540.9	550.4	578.9	635.8	692.8	816.2	1262.2	2467.4	7279.0	10666.9	13096.4
50°	512.5	531.4	569.4	626.4	702.3	778.2	1243.2	2458.0	7497.2	11094.0	13495.0
52.5°	493.5	522.0	559.9	626.4	692.8	721.3	1233.7	2486.4	7933.8	11729.8	14064.4
55°	474.5	503.0	540.9	626.4	664.3	673.8	1186.3	2533.9	8598.1	12612.4	14871.1
57.5°	455.5	474.5	522.0	607.4	626.4	635.8	1091.4	2600.3	9262.4	13476.0	15696.7
60°	427.1	446.0	493.5	607.4	569.4	597.9	968.0	2619.3	9736.9	13751.2	15772.6
62.5°	398.6	417.6	465.0	626.4	522.0	559.9	863.6	2552.9	9831.8	13352.7	15345.6
65°	370.1	389.1	427.1	522.0	484.0	522.0	797.2	2372.5	9518.6	12441.6	14567.4
67.5°	341.6	360.6	389.1	427.1	436.5	474.5	768.7	2087.8	8730.9	11312.3	13504.5
70°	303.7	322.7	351.1	379.6	389.1	446.0	721.3	1812.6	7459.3	9803.3	12204.3
72.5°	275.2	284.7	313.2	332.2	351.1	408.1	692.8	1584.9	5703.6	7933.8	9955.2
75°	237.3	237.3	265.7	284.7	303.7	360.6	635.8	1319.1	4023.8	6054.7	7316.9
77.5°	199.3	199.3	218.3	237.3	256.2	313.2	540.9	1072.4	2790.1	4802.0	5305.0
80°	151.8	151.8	170.8	189.8	208.8	265.7	436.5	787.7	1727.2	3511.4	3862.5
82.5°	104.4	104.4	132.9	142.4	151.8	208.8	332.2	540.9	1015.4	2533.9	2761.6
85°	56.9	56.9	75.9	85.4	104.4	151.8	246.7	379.6	607.4	1831.6	1841.1
87.5°	9.5	9.5	28.5	28.5	47.5	75.9	142.4	208.8	341.6	1015.4	645.3
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: P598606
 CATALOG NUMBER: IFLD-M-SA4E-722-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0	6776.0
2.5°	7411.8	7516.2	7525.7	7525.7	7478.2	7487.7	7354.9	7212.5	7165.1	7155.6
5°	7800.9	8076.1	8152.0	8190.0	8066.6	7876.8	7535.2	7165.1	6975.3	6946.8
7.5°	7725.0	8275.4	8569.6	8607.6	8360.8	7914.8	7316.9	6747.5	6529.2	6472.3
10°	7279.0	8019.2	8550.6	8683.5	8417.8	7848.4	7070.2	6405.9	6140.1	6092.7
12.5°	6965.8	7677.5	8199.5	8379.8	8256.4	7762.9	6946.8	6187.6	5921.9	5855.4
15°	6795.0	7449.8	7791.4	7848.4	7838.9	7630.1	6946.8	6235.0	5940.8	5864.9
17.5°	6937.3	7383.3	7430.8	7297.9	7373.9	7478.2	7098.6	6491.3	6206.6	6140.1
20°	7222.0	7354.9	7127.1	6927.8	6965.8	7297.9	7335.9	6975.3	6747.5	6633.6
22.5°	7819.9	7459.3	6937.3	6662.1	6690.6	7155.6	7649.1	7630.1	7430.8	7373.9
25°	8427.3	7753.5	6880.4	6557.7	6595.7	7127.1	8019.2	8360.8	8256.4	8228.0
27.5°	9101.1	8246.9	6918.3	6510.2	6557.7	7165.1	8275.4	8977.7	8996.7	8968.2
30°	9556.6	8484.2	7032.2	6567.2	6633.6	7260.0	8332.4	9347.8	9518.6	9528.1
32.5°	9936.2	8721.5	7269.5	6662.1	6776.0	7430.8	8484.2	9698.9	10078.5	10088.0
35°	10239.9	8987.2	7563.7	6832.9	7003.7	7715.5	8683.5	10031.1	10600.5	10666.9
37.5°	10629.0	9281.4	7905.3	7203.0	7392.8	8123.6	9034.6	10420.2	11217.4	11397.7
40°	11046.5	9575.6	8398.8	7800.9	8076.1	8730.9	9433.2	10856.7	11739.3	11986.1
42.5°	11511.6	9888.7	8958.7	8607.6	9025.1	9499.6	9888.7	11255.3	12137.9	12422.6
45°	11967.1	10268.3	9774.9	9708.4	10173.4	10410.7	10334.8	11540.0	12517.5	12802.2
47.5°	12289.8	10818.8	10761.8	11160.4	11597.0	11473.6	10856.7	11748.8	12830.7	13143.9
50°	12583.9	11502.1	12005.0	12783.2	13049.0	12631.4	11416.7	12033.5	13162.8	13514.0
52.5°	13020.5	12232.8	13286.2	14254.2	14510.4	13846.1	12024.0	12498.5	13675.3	13988.5
55°	13912.6	13058.5	14624.3	15734.7	15782.1	14956.5	12840.2	13286.2	14396.6	14757.2
57.5°	14909.0	14073.9	15687.2	16958.9	16939.9	16066.8	13760.7	14349.1	15374.1	15620.8
60°	15810.6	15098.8	16845.0	17832.0	17784.6	16873.5	14833.1	15554.4	16493.9	16683.7
62.5°	16342.0	16028.9	17357.5	18107.2	17926.9	17139.2	15744.2	16626.8	17291.1	17357.5
65°	16256.6	16560.3	16759.6	17224.6	16968.4	16399.0	16190.2	17310.0	17376.5	17310.0
67.5°	15611.3	16256.6	15117.8	15165.3	15032.4	14548.4	15497.4	17129.7	16674.2	16512.9
70°	14633.8	14681.3	12640.9	12043.0	12251.8	11587.5	13295.7	15725.2	15022.9	14823.6
72.5°	13011.0	12422.6	9556.6	8949.2	9262.4	8787.9	10666.9	13703.8	13020.5	12375.2
75°	10913.7	9841.3	7279.0	6415.3	6576.7	6557.7	8265.9	11321.8	10088.0	9442.7
77.5°	8455.7	7668.0	5371.4	5039.3	4868.5	4906.4	5770.0	8417.8	7316.9	6510.2
80°	6178.1	5361.9	4156.7	4346.5	4251.6	4023.8	4042.8	5637.2	5086.7	4602.7
82.5°	4270.6	3815.0	3369.0	3805.6	3577.8	3226.7	3150.7	4061.8	3815.0	3520.8
85°	2866.0	3141.2	2676.2	2913.5	2524.4	2325.1	2960.9	3397.5	2742.7	2448.5
87.5°	1869.6	2875.5	1926.5	1461.5	835.1	1119.8	1812.6	2230.2	1281.2	692.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)