

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: P598974

Luminaire Tested: **IFLD-S-SA6A-740-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598974
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

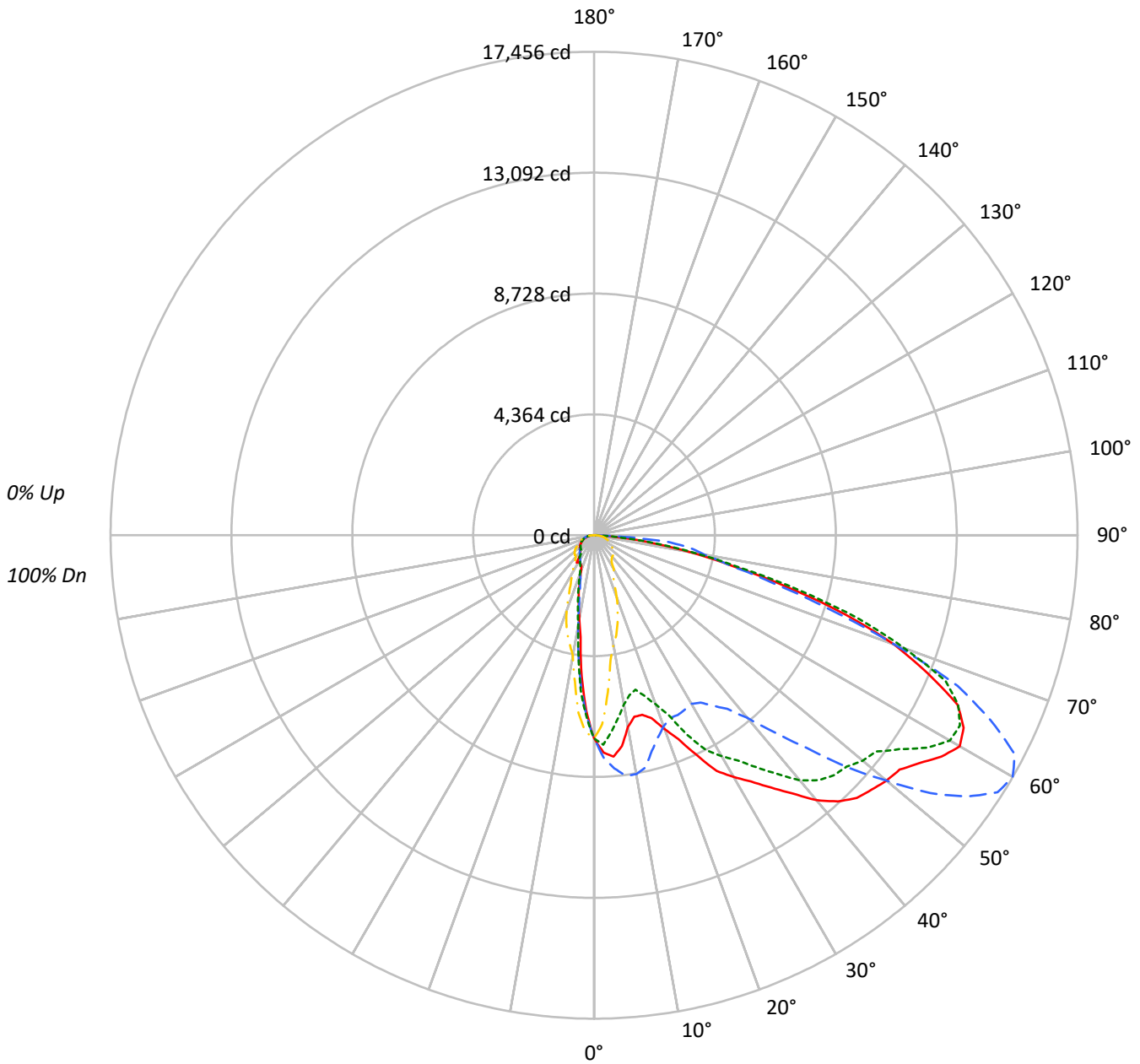
Lumens per Lamp: N/A
 Luminaire Lumens: 22957.7 lumens
 Efficiency: N/A
 Efficacy: 121.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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				
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	52618	52618	52618	52618
5°	57808	51352	36826	40201
10°	51204	45192	22336	23969
15°	49859	42898	15813	16418
20°	56851	49618	10344	11433
25°	69266	62896	9031	9354
30°	83458	76286	9367	8692
35°	97334	89572	7762	7316
40°	116960	108184	7250	6869
45°	136114	124332	7338	6822
50°	153827	141321	7504	7049
55°	179397	168439	7772	7390
60°	218803	212811	7747	7747
65°	245897	246243	7955	8300
70°	241666	250212	8334	8548
75°	199348	212620	8753	9319
80°	143934	151087	9678	10100
85°	79659	85529	10901	13412

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	569.7	2.5
10°-20°	1202.7	5.2
20°-30°	1759.7	7.7
30°-40°	2479.3	10.8
40°-50°	3407.3	14.8
50°-60°	4643.8	20.2
60°-70°	5082.4	22.1
70°-80°	2934.3	12.8
80°-90°	878.7	3.8
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°	3532.0	15.4
0°-40°	6011.3	26.2
0°-60°	14062.4	61.3
0°-90°	22957.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22957.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7333	7333	7333	7333	7333	
5°	8025	7129	5112	5581	8025	729
15°	6711	5774	2128	2210	6711	1961
25°	8748	7944	1141	1181	8748	4096
35°	11111	10225	886	835	11111	7045
45°	13412	12252	723	672	13412	10309
55°	14339	13463	621	591	14339	12938
65°	14482	14502	468	489	14482	13861
75°	7190	7669	316	336	7190	7724
85°	968	1039	132	163	968	1342
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°	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6
2.5°	7852.0	7821.4	7852.0	7964.0	7994.5	8045.5	8045.5	7974.2	7841.8	7780.7	7678.8
5°	8025.1	7974.2	8228.8	8463.0	8646.3	8626.0	8452.8	8310.3	8045.5	7648.3	7271.5
7.5°	7678.8	7729.8	7913.1	8524.1	8951.9	9033.3	8758.4	8473.2	7902.9	7352.9	6843.7
10°	7027.1	7098.3	7495.5	8126.9	8799.1	8931.5	8758.4	8412.1	7729.8	7047.4	6456.7
12.5°	6711.3	6874.3	7108.5	7872.3	8351.0	8666.7	8585.2	8361.2	7597.4	6792.8	6222.5
15°	6711.3	6752.1	7098.3	7739.9	8014.9	8025.1	8055.6	8096.4	7638.1	6904.8	6141.0
17.5°	6925.2	7037.2	7332.6	7729.8	7780.7	7658.5	7658.5	7831.6	7719.6	7220.5	6436.4
20°	7444.6	7403.9	7790.9	7953.8	7678.8	7373.3	7342.8	7638.1	7811.2	7556.6	6976.1
22.5°	7964.0	8147.3	8463.0	8096.4	7587.2	7179.8	7139.1	7505.7	8086.2	8137.1	7597.4
25°	8748.2	8931.5	9094.4	8646.3	7577.0	7128.9	7159.4	7444.6	8422.3	8962.0	8636.1
27.5°	9593.5	9705.5	9939.7	9247.2	7821.4	7067.8	7098.3	7526.1	8738.0	9501.8	9450.9
30°	10072.1	10194.3	10143.4	9359.2	7984.4	7108.5	7027.1	7638.1	8564.9	9501.8	9980.4
32.5°	10540.6	10469.3	10438.7	9542.5	8188.0	7363.1	7159.4	7872.3	8666.7	9654.6	10662.8
35°	11110.9	11009.0	10927.6	9899.0	8524.1	7607.5	7515.9	8177.9	8890.7	9970.3	11212.7
37.5°	11742.3	11742.3	11345.1	10163.8	8921.3	8004.7	7902.9	8615.8	9247.2	10163.8	11966.4
40°	12485.7	12516.3	11813.6	10520.2	9369.4	8636.1	8605.6	9186.1	9593.5	10448.9	12689.4
42.5°	13035.7	13056.1	12221.0	10652.6	9888.8	9512.0	9644.4	10102.7	9990.6	10703.5	12740.3
45°	13412.5	13310.7	12506.1	11029.4	10459.1	10825.7	10866.5	10998.9	10510.0	10856.3	12944.0
47.5°	13595.8	13575.4	12628.3	11467.3	11660.8	12159.9	12394.1	12210.8	10988.7	10693.3	12944.0
50°	13779.1	13606.0	12740.3	12068.2	12832.0	13840.2	13789.3	13453.2	11650.6	10897.0	12750.5
52.5°	13901.3	13748.6	12964.4	12608.0	13952.3	15092.9	15296.6	14675.3	12424.6	11273.8	12842.2
55°	14339.3	14217.0	13636.6	13341.2	15245.6	16416.8	16447.4	15581.7	13239.4	11895.1	13443.1
57.5°	14868.8	14940.1	14563.3	14380.0	16233.5	17384.3	17272.3	16253.9	13931.9	12648.7	14135.6
60°	15245.6	15357.7	15266.0	15286.4	16722.3	17710.2	17455.6	16671.4	14441.1	13219.0	14980.9
62.5°	15042.0	15266.0	15642.8	15561.4	16742.7	17476.0	17119.5	16121.5	14502.2	13962.4	15622.5
65°	14481.8	14502.2	15235.5	15683.6	15826.1	16264.1	15795.6	14970.7	13870.8	14420.7	15530.8
67.5°	13045.9	13208.8	13870.8	14746.6	14145.8	14247.6	14206.9	13015.3	12913.5	14105.0	14828.1
70°	11518.3	11630.3	12353.4	13381.9	11946.0	11467.3	11559.0	10673.0	11090.5	13127.3	13412.5
72.5°	9522.2	9593.5	10418.4	11324.8	9583.3	8727.8	8941.7	8218.6	8809.3	11487.7	11314.6
75°	7190.0	7322.4	7964.0	9033.3	7057.6	6507.7	6721.5	6426.2	6976.1	9461.1	8778.7
77.5°	5112.4	5010.6	5805.0	7067.8	5305.9	4980.0	5000.4	5051.3	5642.0	7974.2	6304.0
80°	3483.0	3513.5	4226.4	5183.7	4165.3	4114.4	4063.5	4470.8	4735.6	6314.2	4582.9
82.5°	2067.4	2067.4	2851.6	3686.7	3289.5	3707.0	3472.8	3839.4	3707.0	4644.0	3004.3
85°	967.5	967.5	1466.5	2658.1	2546.0	3055.2	2597.0	2902.5	2739.5	3238.6	1354.5
87.5°	162.9	142.6	295.3	1303.6	1049.0	1191.5	468.5	1548.0	1721.1	2260.9	336.1
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°	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6
2.5°	7566.8	7495.5	7352.9	7169.6	7016.9	6823.4	6762.3	6629.9	6446.6	6426.2	6344.7
5°	7128.9	6884.5	6578.9	6202.1	5947.5	5682.7	5458.7	5326.3	5173.5	5153.2	5112.4
7.5°	6650.2	6344.7	5835.5	5387.4	4949.5	4531.9	4328.3	4073.7	3900.5	3768.1	3707.0
10°	6202.1	5917.0	5285.6	4674.5	4287.5	4012.5	3768.1	3503.3	3289.5	3126.5	3065.4
12.5°	5906.8	5570.7	4888.4	4307.9	4022.7	3707.0	3432.1	3146.9	2871.9	2658.1	2546.0
15°	5774.4	5458.7	4766.2	4124.6	3707.0	3269.1	2953.4	2668.2	2332.2	2179.4	2128.5
17.5°	6090.1	5621.6	4725.4	3910.7	3320.0	2821.0	2434.0	2128.5	1884.1	1731.3	1670.2
20°	6497.5	5917.0	4796.7	3656.1	2953.4	2393.3	1965.5	1639.6	1476.7	1364.7	1354.5
22.5°	7016.9	6354.9	4908.8	3472.8	2546.0	1924.8	1537.8	1344.3	1232.3	1222.1	1201.7
25°	7943.6	7149.3	5092.1	3228.4	2220.1	1588.7	1313.8	1201.7	1150.8	1120.3	1140.6
27.5°	8738.0	7668.7	5224.5	3075.6	2087.7	1497.1	1273.0	1150.8	1099.9	1089.7	1099.9
30°	9206.5	8147.3	5183.7	2790.5	1823.0	1425.8	1354.5	1313.8	1211.9	1130.4	1130.4
32.5°	9634.2	8452.8	5173.5	2535.8	1558.2	1191.5	1130.4	1099.9	1161.0	1201.7	1171.2
35°	10224.9	8931.5	5143.0	2393.3	1446.1	1099.9	998.0	916.6	875.8	855.5	886.0
37.5°	10856.3	9257.4	5061.5	2372.9	1385.0	1049.0	967.5	886.0	845.3	824.9	814.7
40°	11548.8	9603.6	4969.9	2271.1	1354.5	1018.4	936.9	865.7	814.7	784.2	774.0
42.5°	11996.9	9878.6	4878.2	2220.1	1293.4	998.0	906.4	845.3	794.4	753.6	753.6
45°	12251.5	10204.5	4786.5	2169.2	1222.1	1008.2	906.4	824.9	763.8	743.4	723.1
47.5°	12363.5	10448.9	4756.0	2087.7	1161.0	967.5	886.0	804.5	743.4	702.7	692.5
50°	12658.9	10968.3	4868.0	2026.6	1089.7	926.8	936.9	794.4	733.3	682.3	672.2
52.5°	12832.0	11385.9	5112.4	1935.0	1038.8	875.8	916.6	774.0	702.7	651.8	651.8
55°	13463.4	12078.4	5377.2	1863.7	977.7	804.5	845.3	733.3	651.8	621.2	621.2
57.5°	14268.0	12811.6	5601.3	1833.1	936.9	753.6	753.6	712.9	621.2	580.5	570.3
60°	14828.1	13412.5	5733.7	1812.8	896.2	702.7	672.2	712.9	590.7	549.9	539.8
62.5°	14889.2	13066.2	5601.3	1802.6	886.0	651.8	611.0	682.3	560.1	519.4	499.0
65°	14502.2	12363.5	5234.6	1761.9	875.8	600.9	570.3	590.7	519.4	488.8	468.5
67.5°	13728.2	11222.9	4705.1	1741.5	865.7	560.1	519.4	509.2	478.7	448.1	427.7
70°	11925.6	9736.0	4083.8	1649.8	845.3	529.6	468.5	458.3	427.7	407.4	397.2
72.5°	10011.0	7964.0	3370.9	1527.6	804.5	478.7	427.7	407.4	397.2	366.6	356.4
75°	7668.7	6130.8	2698.8	1354.5	702.7	427.7	376.8	356.4	346.3	325.9	315.7
77.5°	5387.4	4562.5	1996.1	1099.9	590.7	387.0	336.1	315.7	305.5	275.0	275.0
80°	3656.1	3197.8	1354.5	763.8	458.3	315.7	295.3	275.0	254.6	234.2	234.2
82.5°	2271.1	2240.5	977.7	499.0	336.1	254.6	234.2	234.2	203.7	183.3	183.3
85°	1038.8	1374.9	682.3	346.3	254.6	193.5	193.5	183.3	162.9	132.4	132.4
87.5°	325.9	458.3	356.4	152.8	142.6	112.0	112.0	101.8	101.8	81.5	81.5
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°	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6
2.5°	6426.2	6416.0	6416.0	6375.3	6477.1	6477.1	6538.2	6487.3	6517.8	6528.0	6609.5
5°	5102.2	5183.7	5244.8	5367.0	5438.3	5468.9	5468.9	5550.4	5519.8	5580.9	5703.1
7.5°	3737.6	3839.4	4022.7	4175.5	4297.7	4338.4	4328.3	4348.6	4379.2	4307.9	4328.3
10°	3024.7	2953.4	3014.5	3157.1	3269.1	3401.5	3299.7	3289.5	3320.0	3289.5	3350.6
12.5°	2525.7	2444.2	2393.3	2393.3	2474.7	2535.8	2505.3	2556.2	2668.2	2698.8	2770.1
15°	2047.0	1975.7	1935.0	1884.1	1965.5	1985.9	2016.5	2087.7	2169.2	2210.0	2291.4
17.5°	1639.6	1639.6	1639.6	1598.9	1629.5	1660.0	1670.2	1761.9	1772.0	1812.8	1843.3
20°	1344.3	1374.9	1425.8	1446.1	1476.7	1476.7	1456.3	1507.3	1466.5	1497.1	1517.4
22.5°	1211.9	1252.6	1273.0	1283.2	1323.9	1334.1	1283.2	1293.4	1303.6	1273.0	1283.2
25°	1140.6	1161.0	1140.6	1150.8	1161.0	1140.6	1150.8	1171.2	1161.0	1181.4	1171.2
27.5°	1110.1	1089.7	1079.5	1069.3	1069.3	1049.0	1059.1	1059.1	1079.5	1089.7	1089.7
30°	1110.1	1079.5	1038.8	1008.2	1008.2	977.7	998.0	1018.4	1028.6	1049.0	1049.0
32.5°	1140.6	1079.5	1008.2	977.7	947.1	926.8	947.1	977.7	1018.4	1028.6	1038.8
35°	906.4	936.9	926.8	886.0	875.8	875.8	865.7	865.7	835.1	835.1	824.9
37.5°	814.7	804.5	824.9	835.1	845.3	814.7	814.7	774.0	763.8	774.0	774.0
40°	763.8	763.8	763.8	794.4	804.5	784.2	753.6	733.3	733.3	733.3	743.4
42.5°	743.4	723.1	712.9	733.3	763.8	743.4	712.9	702.7	702.7	712.9	712.9
45°	712.9	702.7	692.5	682.3	723.1	692.5	682.3	672.2	672.2	672.2	682.3
47.5°	682.3	672.2	651.8	651.8	662.0	651.8	641.6	641.6	641.6	662.0	662.0
50°	662.0	651.8	631.4	631.4	631.4	631.4	621.2	621.2	621.2	631.4	641.6
52.5°	631.4	621.2	611.0	600.9	600.9	600.9	600.9	600.9	600.9	611.0	621.2
55°	600.9	590.7	580.5	580.5	590.7	590.7	580.5	590.7	580.5	590.7	600.9
57.5°	570.3	560.1	549.9	560.1	570.3	560.1	560.1	560.1	560.1	560.1	570.3
60°	529.6	529.6	529.6	529.6	549.9	549.9	549.9	549.9	529.6	539.8	549.9
62.5°	509.2	499.0	499.0	509.2	519.4	519.4	529.6	519.4	509.2	519.4	519.4
65°	468.5	468.5	468.5	478.7	478.7	488.8	488.8	488.8	478.7	488.8	488.8
67.5°	437.9	437.9	437.9	437.9	458.3	458.3	458.3	458.3	448.1	448.1	458.3
70°	387.0	397.2	387.0	407.4	427.7	417.5	427.7	427.7	417.5	407.4	427.7
72.5°	356.4	356.4	356.4	356.4	387.0	387.0	387.0	397.2	387.0	376.8	387.0
75°	315.7	315.7	315.7	325.9	346.3	346.3	346.3	346.3	346.3	336.1	336.1
77.5°	275.0	285.2	275.0	285.2	305.5	295.3	305.5	315.7	305.5	295.3	295.3
80°	234.2	234.2	234.2	244.4	254.6	254.6	254.6	264.8	254.6	244.4	244.4
82.5°	183.3	183.3	193.5	193.5	203.7	203.7	203.7	213.9	203.7	193.5	193.5
85°	142.6	142.6	142.6	152.8	152.8	162.9	162.9	173.1	173.1	162.9	162.9
87.5°	91.7	81.5	91.7	91.7	101.8	101.8	91.7	81.5	91.7	81.5	71.3
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: P598974
 CATALOG NUMBER: IFLD-S-SA6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6	7332.6
2.5°	6691.0	6874.3	7006.7	7098.3	7230.7	7485.3	7587.2	7770.5	7821.4	7852.0
5°	5754.0	5947.5	6232.7	6436.4	6670.6	7149.3	7515.9	7790.9	7913.1	8025.1
7.5°	4511.6	4766.2	5061.5	5326.3	5713.3	6304.0	6782.6	7352.9	7566.8	7678.8
10°	3523.7	3757.9	4083.8	4409.7	4949.5	5448.5	6130.8	6650.2	6945.6	7027.1
12.5°	2973.8	3248.7	3635.7	4032.9	4369.0	4939.3	5631.8	6385.4	6660.4	6711.3
15°	2525.7	2902.5	3299.7	3707.0	4094.0	4593.0	5336.5	6253.1	6660.4	6711.3
17.5°	2087.7	2423.8	2892.3	3330.2	3778.3	4460.6	5387.4	6365.1	6772.4	6925.2
20°	1660.0	1985.9	2352.5	2902.5	3513.5	4236.6	5499.4	6741.9	7281.7	7444.6
22.5°	1374.9	1517.4	1873.9	2403.5	3126.5	4083.8	5611.5	7332.6	7902.9	7964.0
25°	1201.7	1303.6	1527.6	2026.6	2821.0	3982.0	5876.2	8014.9	8748.2	8748.2
27.5°	1120.3	1161.0	1313.8	1761.9	2607.1	3890.3	6141.0	8768.5	9450.9	9593.5
30°	1099.9	1201.7	1283.2	1568.4	2372.9	3635.7	6385.4	9359.2	10061.9	10072.1
32.5°	1079.5	1059.1	1120.3	1364.7	2087.7	3370.9	6589.1	9960.1	10510.0	10540.6
35°	845.3	886.0	987.9	1201.7	1873.9	3177.4	6691.0	10286.0	11080.3	11110.9
37.5°	794.4	845.3	926.8	1110.1	1731.3	3014.5	6721.5	10917.4	11681.2	11742.3
40°	774.0	814.7	875.8	1028.6	1619.3	2810.8	6782.6	11569.2	12567.2	12485.7
42.5°	733.3	784.2	845.3	987.9	1527.6	2658.1	6792.8	11925.6	13035.7	13035.7
45°	723.1	753.6	824.9	987.9	1425.8	2525.7	6629.9	12282.1	13575.4	13412.5
47.5°	682.3	743.4	804.5	957.3	1303.6	2393.3	6436.4	12465.4	13646.7	13595.8
50°	672.2	733.3	835.1	906.4	1232.3	2332.2	6395.6	12923.7	13789.3	13779.1
52.5°	651.8	712.9	865.7	865.7	1140.6	2250.7	6589.1	13127.3	13819.9	13901.3
55°	621.2	712.9	804.5	794.4	1059.1	2148.9	6803.0	13656.9	14359.6	14339.3
57.5°	600.9	692.5	763.8	723.1	967.5	2077.6	7118.7	14166.1	15011.4	14868.8
60°	570.3	692.5	682.3	672.2	896.2	2016.5	7383.5	14268.0	15154.0	15245.6
62.5°	549.9	723.1	600.9	621.2	835.1	1985.9	7271.5	13504.2	14960.5	15042.0
65°	529.6	621.2	549.9	570.3	814.7	1924.8	6833.6	12587.6	14125.4	14481.8
67.5°	488.8	509.2	509.2	529.6	794.4	1782.2	5937.3	10937.8	12852.4	13045.9
70°	448.1	458.3	458.3	488.8	774.0	1619.3	4898.6	9461.1	11151.6	11518.3
72.5°	407.4	407.4	407.4	448.1	712.9	1486.9	4032.9	7271.5	9267.6	9522.2
75°	356.4	356.4	356.4	397.2	641.6	1354.5	3177.4	5407.8	6823.4	7190.0
77.5°	315.7	315.7	305.5	356.4	560.1	1099.9	2291.4	3819.0	4806.9	5112.4
80°	264.8	254.6	254.6	285.2	437.9	794.4	1476.7	2698.8	3350.6	3483.0
82.5°	213.9	203.7	193.5	213.9	315.7	499.0	916.6	1884.1	2148.9	2067.4
85°	203.7	213.9	173.1	162.9	224.1	325.9	580.5	1161.0	967.5	967.5
87.5°	81.5	71.3	71.3	61.1	112.0	122.2	254.6	213.9	162.9	162.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)