

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: P598916

Luminaire Tested: **IFLD-S-SA6A-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598916
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

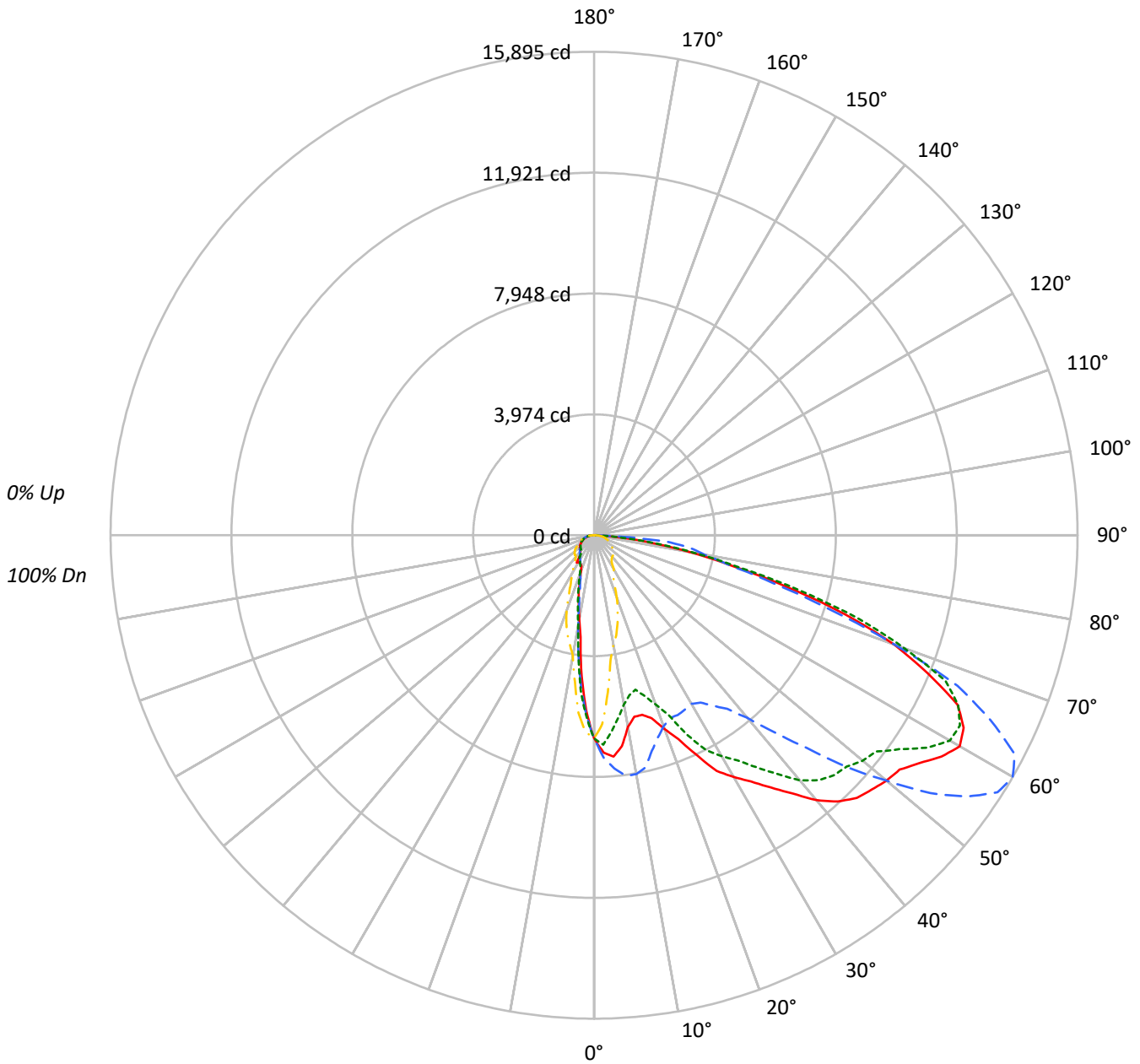
Lumens per Lamp: N/A
 Luminaire Lumens: 20905.3 lumens
 Efficiency: N/A
 Efficacy: 110.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	47914	47914	47914	47914
5°	52640	46761	33534	36607
10°	46626	41153	20340	21826
15°	45401	39064	14399	14950
20°	51768	45182	9419	10410
25°	63074	57273	8224	8517
30°	75997	69465	8530	7915
35°	88632	81565	7068	6661
40°	106504	98512	6602	6255
45°	123945	113217	6682	6212
50°	140075	128687	6833	6419
55°	163358	153381	7077	6730
60°	199243	193786	7054	7054
65°	223915	224229	7244	7558
70°	220060	227844	7589	7782
75°	181526	193611	7971	8484
80°	131065	137578	8815	9199
85°	72537	77880	9930	12218

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	518.7	2.5
10°-20°	1095.2	5.2
20°-30°	1602.4	7.7
30°-40°	2257.7	10.8
40°-50°	3102.7	14.8
50°-60°	4228.6	20.2
60°-70°	4628.0	22.1
70°-80°	2671.9	12.8
80°-90°	800.1	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°	3216.3	15.4
0°-40°	5473.9	26.2
0°-60°	12805.2	61.3
0°-90°	20905.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20905.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6677	6677	6677	6677	6677	
5°	7308	6492	4655	5082	7308	664
15°	6111	5258	1938	2012	6111	1786
25°	7966	7234	1039	1076	7966	3730
35°	10118	9311	807	760	10118	6415
45°	12213	11156	658	612	12213	9387
55°	13057	12260	566	538	13057	11781
65°	13187	13206	427	445	13187	12622
75°	6547	6983	288	306	6547	7033
85°	881	946	121	148	881	1222
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°	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0
2.5°	7150.0	7122.2	7150.0	7252.0	7279.8	7326.2	7326.2	7261.3	7140.7	7085.1	6992.3
5°	7307.7	7261.3	7493.1	7706.4	7873.3	7854.8	7697.1	7567.3	7326.2	6964.5	6621.4
7.5°	6992.3	7038.7	7205.6	7762.1	8151.6	8225.7	7975.4	7715.7	7196.4	6695.6	6231.9
10°	6398.8	6463.7	6825.4	7400.4	8012.5	8133.0	7975.4	7660.1	7038.7	6417.4	5879.5
12.5°	6111.3	6259.7	6473.0	7168.5	7604.4	7891.9	7817.7	7613.7	6918.2	6185.5	5666.2
15°	6111.3	6148.4	6463.7	7048.0	7298.4	7307.7	7335.5	7372.6	6955.3	6287.5	5592.0
17.5°	6306.1	6408.1	6677.0	7038.7	7085.1	6973.8	6973.8	7131.5	7029.4	6575.0	5861.0
20°	6779.1	6742.0	7094.4	7242.7	6992.3	6714.1	6686.3	6955.3	7112.9	6881.1	6352.5
22.5°	7252.0	7418.9	7706.4	7372.6	6908.9	6537.9	6500.8	6834.7	7363.3	7409.7	6918.2
25°	7966.1	8133.0	8281.4	7873.3	6899.6	6491.6	6519.4	6779.1	7669.3	8160.8	7864.1
27.5°	8735.8	8837.8	9051.1	8420.5	7122.2	6435.9	6463.7	6853.2	7956.8	8652.3	8606.0
30°	9171.7	9282.9	9236.6	8522.5	7270.6	6473.0	6398.8	6955.3	7799.2	8652.3	9088.2
32.5°	9598.2	9533.3	9505.5	8689.4	7456.0	6704.9	6519.4	7168.5	7891.9	8791.4	9709.5
35°	10117.6	10024.8	9950.6	9014.0	7762.1	6927.4	6844.0	7446.8	8095.9	9078.9	10210.3
37.5°	10692.5	10692.5	10330.9	9255.1	8123.7	7289.1	7196.4	7845.5	8420.5	9255.1	10896.6
40°	11369.5	11397.3	10757.5	9579.7	8531.8	7864.1	7836.3	8364.8	8735.8	9514.8	11555.0
42.5°	11870.3	11888.8	11128.4	9700.3	9004.7	8661.6	8782.2	9199.5	9097.5	9746.6	11601.4
45°	12213.4	12120.7	11388.1	10043.4	9524.1	9857.9	9895.0	10015.6	9570.4	9885.7	11786.8
47.5°	12380.3	12361.8	11499.3	10442.2	10618.4	11072.8	11286.1	11119.1	10006.3	9737.4	11786.8
50°	12547.3	12389.6	11601.4	10989.3	11684.8	12602.9	12556.5	12250.5	10609.1	9922.8	11610.6
52.5°	12658.6	12519.5	11805.4	11480.8	12704.9	13743.6	13929.1	13363.4	11313.9	10266.0	11694.1
55°	13057.3	12946.0	12417.4	12148.5	13882.7	14949.2	14977.0	14188.7	12055.8	10831.6	12241.2
57.5°	13539.6	13604.5	13261.3	13094.4	14782.2	15830.2	15728.1	14800.8	12686.4	11517.9	12871.9
60°	13882.7	13984.7	13901.2	13919.8	15227.4	16126.9	15895.1	15181.0	13150.1	12037.2	13641.6
62.5°	13697.2	13901.2	14244.4	14170.2	15245.9	15913.6	15589.0	14680.2	13205.7	12714.2	14225.8
65°	13187.2	13205.7	13873.4	14281.5	14411.3	14810.0	14383.5	13632.3	12630.7	13131.5	14142.3
67.5°	11879.6	12027.9	12630.7	13428.3	12881.1	12973.9	12936.8	11851.7	11759.0	12844.0	13502.5
70°	10488.5	10590.5	11249.0	12185.6	10878.0	10442.2	10525.6	9718.8	10099.0	11953.8	12213.4
72.5°	8670.9	8735.8	9487.0	10312.3	8726.5	7947.5	8142.3	7483.9	8021.7	10460.7	10303.0
75°	6547.2	6667.8	7252.0	8225.7	6426.7	5925.9	6120.6	5851.7	6352.5	8615.2	7993.9
77.5°	4655.4	4562.6	5286.0	6435.9	4831.6	4534.8	4553.4	4599.7	5137.6	7261.3	5740.4
80°	3171.6	3199.4	3848.6	4720.3	3792.9	3746.6	3700.2	4071.1	4312.3	5749.7	4173.2
82.5°	1882.6	1882.6	2596.6	3357.1	2995.4	3375.6	3162.3	3496.2	3375.6	4228.8	2735.7
85°	881.0	881.0	1335.4	2420.4	2318.4	2782.1	2364.8	2643.0	2494.6	2949.0	1233.4
87.5°	148.4	129.8	268.9	1187.0	955.2	1085.0	426.6	1409.6	1567.3	2058.8	306.0
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°	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0
2.5°	6890.3	6825.4	6695.6	6528.7	6389.6	6213.4	6157.7	6037.2	5870.2	5851.7	5777.5
5°	6491.6	6269.0	5990.8	5647.7	5415.8	5174.7	4970.7	4850.1	4711.0	4692.5	4655.4
7.5°	6055.7	5777.5	5313.8	4905.8	4507.0	4126.8	3941.3	3709.5	3551.8	3431.3	3375.6
10°	5647.7	5388.0	4813.0	4256.6	3904.2	3653.8	3431.3	3190.1	2995.4	2847.0	2791.4
12.5°	5378.7	5072.7	4451.4	3922.8	3663.1	3375.6	3125.2	2865.6	2615.2	2420.4	2318.4
15°	5258.2	4970.7	4340.1	3755.8	3375.6	2976.8	2689.4	2429.7	2123.7	1984.6	1938.2
17.5°	5545.7	5119.1	4303.0	3561.1	3023.2	2568.8	2216.4	1938.2	1715.6	1576.5	1520.9
20°	5916.6	5388.0	4367.9	3329.2	2689.4	2179.3	1789.8	1493.1	1344.7	1242.7	1233.4
22.5°	6389.6	5786.8	4469.9	3162.3	2318.4	1752.7	1400.3	1224.1	1122.1	1112.8	1094.3
25°	7233.5	6510.1	4636.8	2939.8	2021.7	1446.7	1196.3	1094.3	1047.9	1020.1	1038.7
27.5°	7956.8	6983.1	4757.4	2800.6	1901.1	1363.2	1159.2	1047.9	1001.6	992.3	1001.6
30°	8383.4	7418.9	4720.3	2541.0	1660.0	1298.3	1233.4	1196.3	1103.6	1029.4	1029.4
32.5°	8772.9	7697.1	4711.0	2309.1	1418.9	1085.0	1029.4	1001.6	1057.2	1094.3	1066.5
35°	9310.8	8133.0	4683.2	2179.3	1316.9	1001.6	908.8	834.6	797.5	779.0	806.8
37.5°	9885.7	8429.8	4609.0	2160.8	1261.2	955.2	881.0	806.8	769.7	751.2	741.9
40°	10516.3	8745.1	4525.6	2068.0	1233.4	927.4	853.2	788.3	741.9	714.1	704.8
42.5°	10924.4	8995.5	4442.1	2021.7	1177.8	908.8	825.4	769.7	723.3	686.3	686.3
45°	11156.2	9292.2	4358.6	1975.3	1112.8	918.1	825.4	751.2	695.5	677.0	658.4
47.5°	11258.2	9514.8	4330.8	1901.1	1057.2	881.0	806.8	732.6	677.0	639.9	630.6
50°	11527.2	9987.7	4432.8	1845.5	992.3	843.9	853.2	723.3	667.7	621.3	612.1
52.5°	11684.8	10368.0	4655.4	1762.0	945.9	797.5	834.6	704.8	639.9	593.5	593.5
55°	12259.8	10998.6	4896.5	1697.1	890.3	732.6	769.7	667.7	593.5	565.7	565.7
57.5°	12992.4	11666.3	5100.5	1669.3	853.2	686.3	686.3	649.2	565.7	528.6	519.3
60°	13502.5	12213.4	5221.1	1650.7	816.1	639.9	612.1	649.2	537.9	500.8	491.5
62.5°	13558.1	11898.1	5100.5	1641.4	806.8	593.5	556.4	621.3	510.1	473.0	454.4
65°	13205.7	11258.2	4766.7	1604.3	797.5	547.1	519.3	537.9	473.0	445.1	426.6
67.5°	12500.9	10219.6	4284.4	1585.8	788.3	510.1	473.0	463.7	435.9	408.0	389.5
70°	10859.5	8865.6	3718.7	1502.3	769.7	482.2	426.6	417.3	389.5	370.9	361.7
72.5°	9116.0	7252.0	3069.6	1391.1	732.6	435.9	389.5	370.9	361.7	333.9	324.6
75°	6983.1	5582.7	2457.5	1233.4	639.9	389.5	343.1	324.6	315.3	296.8	287.5
77.5°	4905.8	4154.6	1817.6	1001.6	537.9	352.4	306.0	287.5	278.2	250.4	250.4
80°	3329.2	2911.9	1233.4	695.5	417.3	287.5	268.9	250.4	231.8	213.3	213.3
82.5°	2068.0	2040.2	890.3	454.4	306.0	231.8	213.3	213.3	185.5	166.9	166.9
85°	945.9	1251.9	621.3	315.3	231.8	176.2	176.2	166.9	148.4	120.6	120.6
87.5°	296.8	417.3	324.6	139.1	129.8	102.0	102.0	92.7	92.7	74.2	74.2
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°	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0
2.5°	5851.7	5842.4	5842.4	5805.3	5898.1	5898.1	5953.7	5907.3	5935.1	5944.4	6018.6
5°	4646.1	4720.3	4775.9	4887.2	4952.1	4980.0	4980.0	5054.1	5026.3	5082.0	5193.3
7.5°	3403.4	3496.2	3663.1	3802.2	3913.5	3950.6	3941.3	3959.9	3987.7	3922.8	3941.3
10°	2754.3	2689.4	2745.0	2874.8	2976.8	3097.4	3004.7	2995.4	3023.2	2995.4	3051.0
12.5°	2299.9	2225.7	2179.3	2179.3	2253.5	2309.1	2281.3	2327.7	2429.7	2457.5	2522.4
15°	1864.0	1799.1	1762.0	1715.6	1789.8	1808.4	1836.2	1901.1	1975.3	2012.4	2086.6
17.5°	1493.1	1493.1	1493.1	1456.0	1483.8	1511.6	1520.9	1604.3	1613.6	1650.7	1678.5
20°	1224.1	1251.9	1298.3	1316.9	1344.7	1344.7	1326.1	1372.5	1335.4	1363.2	1381.8
22.5°	1103.6	1140.7	1159.2	1168.5	1205.6	1214.9	1168.5	1177.8	1187.0	1159.2	1168.5
25°	1038.7	1057.2	1038.7	1047.9	1057.2	1038.7	1047.9	1066.5	1057.2	1075.7	1066.5
27.5°	1010.8	992.3	983.0	973.7	973.7	955.2	964.5	964.5	983.0	992.3	992.3
30°	1010.8	983.0	945.9	918.1	918.1	890.3	908.8	927.4	936.6	955.2	955.2
32.5°	1038.7	983.0	918.1	890.3	862.5	843.9	862.5	890.3	927.4	936.6	945.9
35°	825.4	853.2	843.9	806.8	797.5	797.5	788.3	788.3	760.4	760.4	751.2
37.5°	741.9	732.6	751.2	760.4	769.7	741.9	741.9	704.8	695.5	704.8	704.8
40°	695.5	695.5	695.5	723.3	732.6	714.1	686.3	667.7	667.7	667.7	677.0
42.5°	677.0	658.4	649.2	667.7	695.5	677.0	649.2	639.9	639.9	649.2	649.2
45°	649.2	639.9	630.6	621.3	658.4	630.6	621.3	612.1	612.1	612.1	621.3
47.5°	621.3	612.1	593.5	593.5	602.8	593.5	584.2	584.2	584.2	602.8	602.8
50°	602.8	593.5	575.0	575.0	575.0	575.0	565.7	565.7	565.7	575.0	584.2
52.5°	575.0	565.7	556.4	547.1	547.1	547.1	547.1	547.1	547.1	556.4	565.7
55°	547.1	537.9	528.6	528.6	537.9	537.9	528.6	537.9	528.6	537.9	547.1
57.5°	519.3	510.1	500.8	510.1	519.3	510.1	510.1	510.1	510.1	510.1	519.3
60°	482.2	482.2	482.2	482.2	500.8	500.8	500.8	500.8	482.2	491.5	500.8
62.5°	463.7	454.4	454.4	463.7	473.0	473.0	482.2	473.0	463.7	473.0	473.0
65°	426.6	426.6	426.6	435.9	435.9	445.1	445.1	445.1	435.9	445.1	445.1
67.5°	398.8	398.8	398.8	398.8	417.3	417.3	417.3	417.3	408.0	408.0	417.3
70°	352.4	361.7	352.4	370.9	389.5	380.2	389.5	389.5	380.2	370.9	389.5
72.5°	324.6	324.6	324.6	324.6	352.4	352.4	352.4	361.7	352.4	343.1	352.4
75°	287.5	287.5	287.5	296.8	315.3	315.3	315.3	315.3	315.3	306.0	306.0
77.5°	250.4	259.7	250.4	259.7	278.2	268.9	278.2	287.5	278.2	268.9	268.9
80°	213.3	213.3	213.3	222.6	231.8	231.8	231.8	241.1	231.8	222.6	222.6
82.5°	166.9	166.9	176.2	176.2	185.5	185.5	185.5	194.7	185.5	176.2	176.2
85°	129.8	129.8	129.8	139.1	139.1	148.4	148.4	157.7	157.7	148.4	148.4
87.5°	83.5	74.2	83.5	83.5	92.7	92.7	83.5	74.2	83.5	74.2	64.9
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: P598916
 CATALOG NUMBER: IFLD-S-SA6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0	6677.0
2.5°	6092.8	6259.7	6380.3	6463.7	6584.3	6816.1	6908.9	7075.8	7122.2	7150.0
5°	5239.6	5415.8	5675.5	5861.0	6074.3	6510.1	6844.0	7094.4	7205.6	7307.7
7.5°	4108.2	4340.1	4609.0	4850.1	5202.5	5740.4	6176.3	6695.6	6890.3	6992.3
10°	3208.7	3422.0	3718.7	4015.5	4507.0	4961.4	5582.7	6055.7	6324.6	6398.8
12.5°	2707.9	2958.3	3310.7	3672.4	3978.4	4497.7	5128.3	5814.6	6065.0	6111.3
15°	2299.9	2643.0	3004.7	3375.6	3728.0	4182.4	4859.4	5694.0	6065.0	6111.3
17.5°	1901.1	2207.1	2633.7	3032.5	3440.5	4061.9	4905.8	5796.0	6167.0	6306.1
20°	1511.6	1808.4	2142.2	2643.0	3199.4	3857.8	5007.8	6139.2	6630.7	6779.1
22.5°	1251.9	1381.8	1706.4	2188.6	2847.0	3718.7	5109.8	6677.0	7196.4	7252.0
25°	1094.3	1187.0	1391.1	1845.5	2568.8	3626.0	5350.9	7298.4	7966.1	7966.1
27.5°	1020.1	1057.2	1196.3	1604.3	2374.1	3542.5	5592.0	7984.6	8606.0	8735.8
30°	1001.6	1094.3	1168.5	1428.1	2160.8	3310.7	5814.6	8522.5	9162.4	9171.7
32.5°	983.0	964.5	1020.1	1242.7	1901.1	3069.6	6000.1	9069.6	9570.4	9598.2
35°	769.7	806.8	899.5	1094.3	1706.4	2893.4	6092.8	9366.4	10089.8	10117.6
37.5°	723.3	769.7	843.9	1010.8	1576.5	2745.0	6120.6	9941.4	10636.9	10692.5
40°	704.8	741.9	797.5	936.6	1474.5	2559.5	6176.3	10534.9	11443.7	11369.5
42.5°	667.7	714.1	769.7	899.5	1391.1	2420.4	6185.5	10859.5	11870.3	11870.3
45°	658.4	686.3	751.2	899.5	1298.3	2299.9	6037.2	11184.0	12361.8	12213.4
47.5°	621.3	677.0	732.6	871.7	1187.0	2179.3	5861.0	11351.0	12426.7	12380.3
50°	612.1	667.7	760.4	825.4	1122.1	2123.7	5823.9	11768.3	12556.5	12547.3
52.5°	593.5	649.2	788.3	788.3	1038.7	2049.5	6000.1	11953.8	12584.4	12658.6
55°	565.7	649.2	732.6	723.3	964.5	1956.7	6194.8	12436.0	13075.9	13057.3
57.5°	547.1	630.6	695.5	658.4	881.0	1891.8	6482.3	12899.7	13669.4	13539.6
60°	519.3	630.6	621.3	612.1	816.1	1836.2	6723.4	12992.4	13799.2	13882.7
62.5°	500.8	658.4	547.1	565.7	760.4	1808.4	6621.4	12296.9	13623.0	13697.2
65°	482.2	565.7	500.8	519.3	741.9	1752.7	6222.6	11462.3	12862.6	13187.2
67.5°	445.1	463.7	463.7	482.2	723.3	1622.9	5406.5	9959.9	11703.4	11879.6
70°	408.0	417.3	417.3	445.1	704.8	1474.5	4460.6	8615.2	10154.7	10488.5
72.5°	370.9	370.9	370.9	408.0	649.2	1354.0	3672.4	6621.4	8439.0	8670.9
75°	324.6	324.6	324.6	361.7	584.2	1233.4	2893.4	4924.3	6213.4	6547.2
77.5°	287.5	287.5	278.2	324.6	510.1	1001.6	2086.6	3477.6	4377.2	4655.4
80°	241.1	231.8	231.8	259.7	398.8	723.3	1344.7	2457.5	3051.0	3171.6
82.5°	194.7	185.5	176.2	194.7	287.5	454.4	834.6	1715.6	1956.7	1882.6
85°	185.5	194.7	157.7	148.4	204.0	296.8	528.6	1057.2	881.0	881.0
87.5°	74.2	64.9	64.9	55.6	102.0	111.3	231.8	194.7	148.4	148.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)