

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722085

Luminaire Tested: **IFLD-S-SA6A-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722085
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

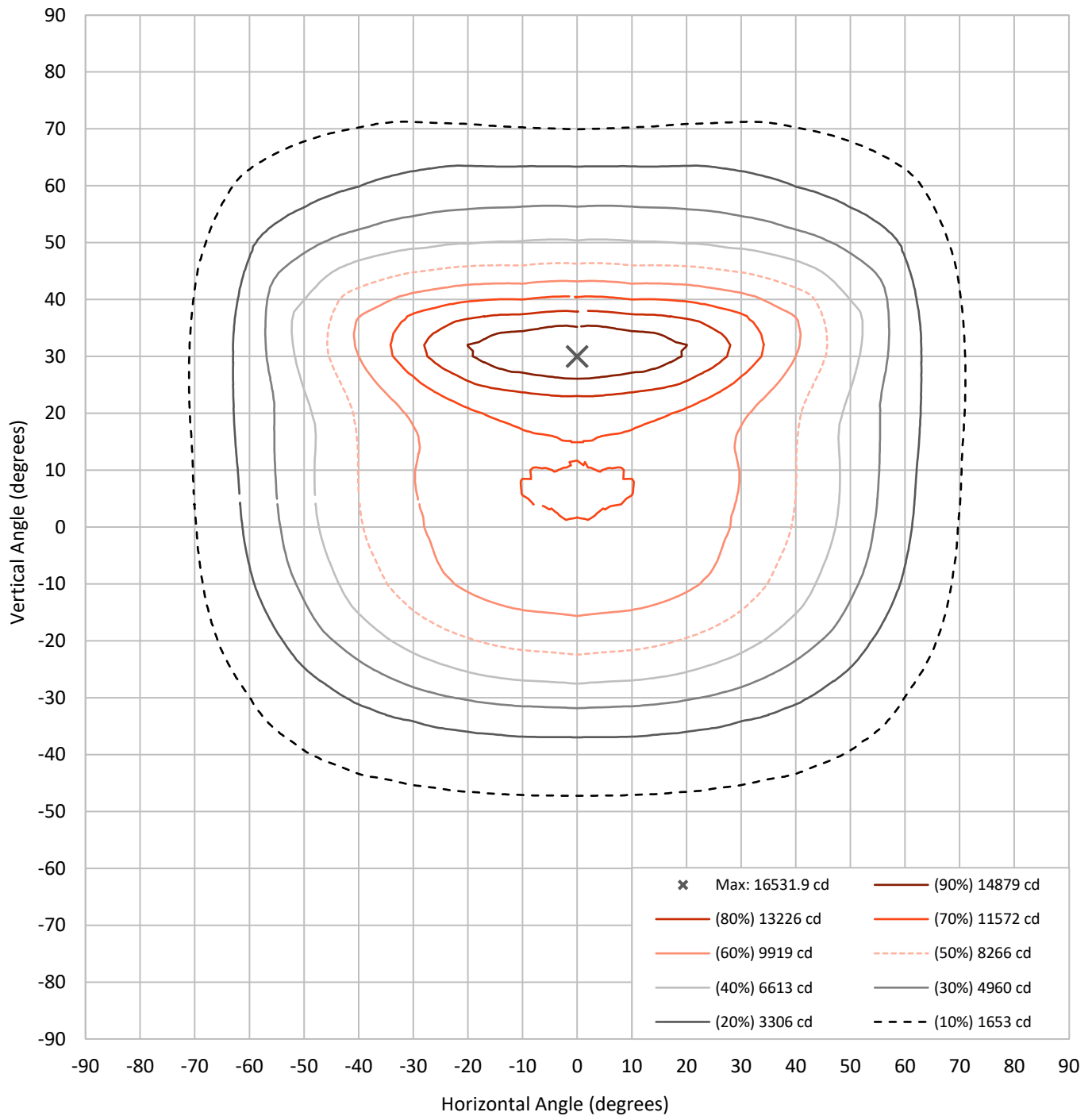
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27595.9 lumens	Max Intensity:	16531.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	145.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16047.3 lumens	Field Lumens:	25860.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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: 28.75 FT



REPORT NUMBER: P722085
CATALOG NUMBER: IFLD-S-SA6A-740-U-76

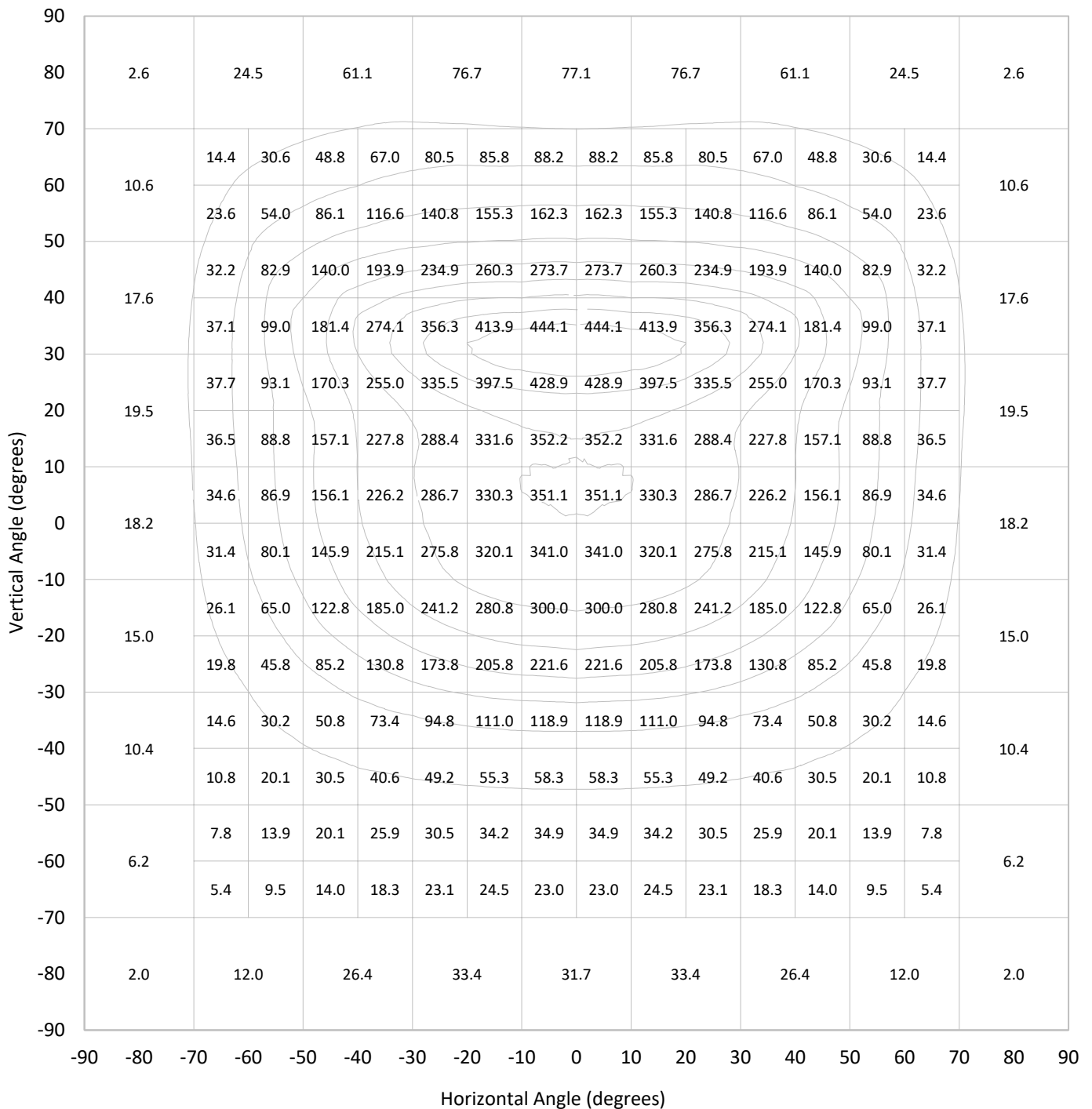
Iso-Candela Plot





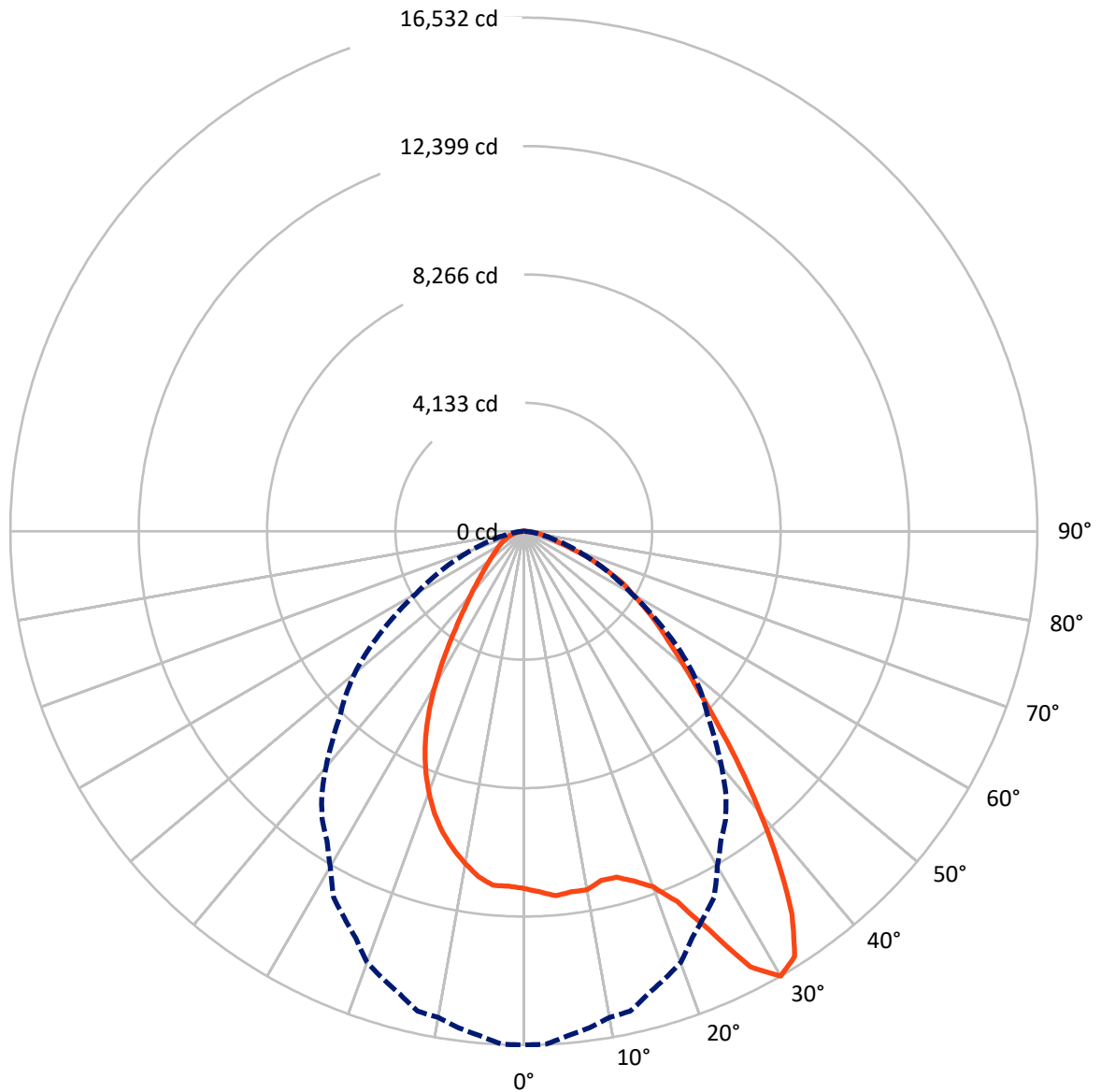
REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

Lumen Table



REPORT NUMBER: P722085
CATALOG NUMBER: IFLD-S-SA6A-740-U-76

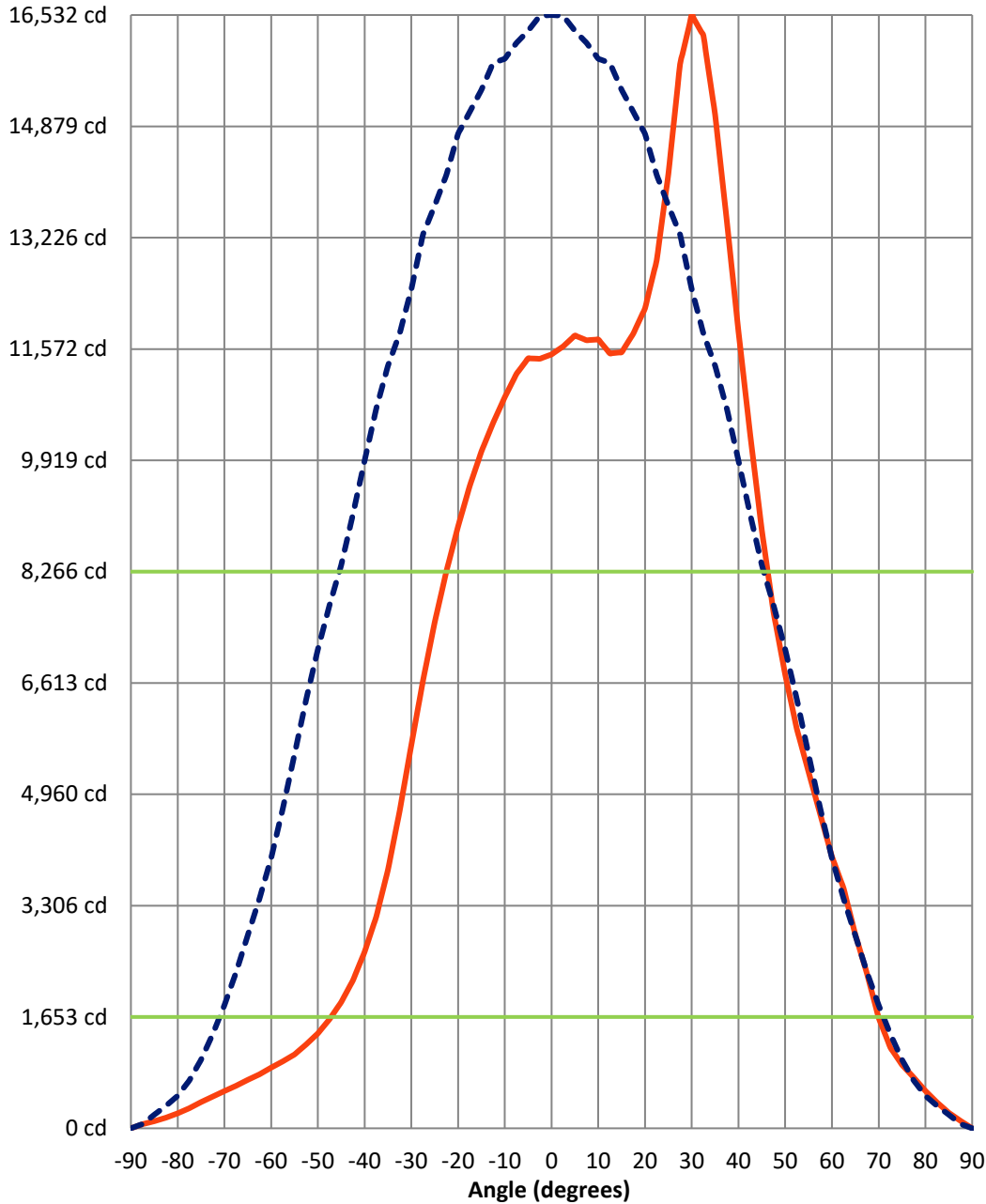
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 16047.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 25860.9
 Efficiency: 93.7%

Spill:
 Lumens: 1735
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	111.1	114.0	116.9	116.9	114.0	114.0	114.0	111.1	114.0	114.0	114.0
85°	230.9	236.8	242.6	239.7	236.8	230.9	225.1	228.0	230.9	233.9	233.9
82.5°	383.0	391.7	397.6	394.7	388.8	383.0	377.1	380.0	385.9	388.8	388.8
80°	555.4	558.4	561.3	567.1	558.4	558.4	555.4	567.1	573.0	578.8	584.7
77.5°	754.2	757.2	757.2	760.1	763.0	765.9	765.9	786.4	801.0	809.8	818.6
75°	941.3	950.1	958.9	967.6	979.3	985.2	994.0	1023.2	1046.6	1064.1	1081.7
72.5°	1198.6	1210.3	1224.9	1245.4	1265.8	1280.5	1300.9	1336.0	1362.3	1379.8	1400.3
70°	1640.0	1651.7	1666.3	1681.0	1701.4	1716.0	1736.5	1780.4	1806.7	1818.4	1830.1
67.5°	2294.9	2324.1	2350.4	2321.2	2306.6	2286.1	2292.0	2332.9	2359.2	2376.7	2373.8
65°	2876.6	2897.1	2897.1	2894.2	2882.5	2856.2	2870.8	2920.5	2949.7	2964.3	2920.5
62.5°	3560.7	3560.7	3546.1	3569.5	3572.4	3554.9	3546.1	3549.0	3551.9	3560.7	3487.6
60°	4034.3	4063.5	4072.3	4092.8	4098.6	4098.6	4113.2	4124.9	4124.9	4107.4	4022.6
57.5°	4659.9	4715.5	4727.2	4712.5	4683.3	4645.3	4639.5	4621.9	4586.8	4551.7	4510.8
55°	5291.4	5320.6	5317.7	5308.9	5279.7	5235.8	5241.7	5218.3	5162.7	5118.9	5063.3
52.5°	5925.8	5995.9	6007.6	5990.1	5949.1	5902.4	5905.3	5879.0	5823.4	5776.7	5700.6
50°	6735.5	6794.0	6788.2	6758.9	6700.5	6665.4	6668.3	6618.6	6554.3	6539.7	6440.3
47.5°	7662.3	7729.5	7717.8	7676.9	7597.9	7583.3	7597.9	7533.6	7495.6	7463.5	7346.5
45°	8878.4	8957.3	8913.5	8834.5	8708.8	8723.5	8743.9	8732.2	8650.4	8565.6	8416.5
42.5°	10305.0	10354.7	10302.1	10223.2	10065.3	10094.5	10082.8	10012.7	9963.0	9822.7	9632.6
40°	11831.0	11939.2	11857.4	11734.6	11570.9	11614.7	11582.6	11491.9	11375.0	11199.6	10959.9
37.5°	13476.9	13561.7	13468.1	13324.9	13178.7	13164.1	13099.8	12959.5	12792.8	12599.9	12216.9
35°	15052.6	15271.9	15099.4	14871.4	14693.1	14625.8	14564.4	14239.9	14049.9	13737.1	13213.8
32.5°	16224.9	16385.7	16172.3	15935.5	15719.2	15625.6	15409.3	15023.4	14921.1	14263.3	13783.9
30°	16531.9	16520.2	16298.0	16116.8	15882.9	15818.6	15421.0	15093.6	14766.1	14158.1	13702.0
27.5°	15801.0	15727.9	15514.5	15356.7	15125.7	15049.7	14658.0	14482.6	13976.8	13462.3	13076.4
25°	14172.7	14210.7	14049.9	13971.0	13819.0	13655.2	13500.3	13263.5	12947.8	12497.6	12143.8
22.5°	12889.3	12939.0	12871.8	12778.2	12661.3	12570.7	12453.7	12269.6	11965.5	11687.8	11354.5
20°	12176.0	12161.4	12102.9	12032.8	11921.7	11857.4	11728.7	11573.8	11339.9	11100.2	10740.6
17.5°	11801.8	11711.2	11655.6	11629.3	11570.9	11489.0	11337.0	11179.1	10997.9	10726.0	10462.9
15°	11524.1	11538.7	11494.8	11474.4	11427.6	11313.6	11158.7	11030.0	10784.5	10647.1	10407.3
12.5°	11506.5	11491.9	11494.8	11486.1	11427.6	11281.4	11202.5	11038.8	10880.9	10699.7	10424.9
10°	11714.1	11559.2	11570.9	11611.8	11518.2	11401.3	11316.5	11138.2	10989.1	10758.1	10486.3
7.5°	11702.4	11623.5	11646.9	11579.6	11608.9	11465.6	11348.7	11170.3	10983.3	10737.7	10492.1
5°	11772.6	11652.7	11632.2	11638.1	11565.0	11456.8	11299.0	11129.4	10954.0	10679.2	10427.8
2.5°	11611.8	11629.3	11535.8	11500.7	11491.9	11310.7	11164.5	11000.8	10819.5	10576.9	10351.8
0°	11491.9	11524.1	11427.6	11377.9	11375.0	11220.0	11126.5	10939.4	10810.8	10609.1	10337.2
-2.5°	11427.6	11465.6	11477.3	11386.7	11299.0	11179.1	11021.3	10819.5	10609.1	10375.2	10141.3
-5°	11433.5	11357.4	11325.3	11354.5	11278.5	11158.7	10983.3	10804.9	10597.4	10345.9	10053.6
-7.5°	11202.5	11126.5	11120.7	11106.0	11088.5	10974.5	10828.3	10635.4	10424.9	10191.0	9919.1
-10°	10857.5	10802.0	10787.4	10772.8	10726.0	10658.8	10521.4	10345.9	10155.9	9922.1	9632.6
-12.5°	10474.6	10448.3	10392.7	10354.7	10307.9	10229.0	10097.5	9936.7	9746.6	9539.1	9290.6
-15°	10050.7	10001.0	9945.4	9913.3	9846.0	9752.5	9620.9	9471.8	9264.3	9059.6	8825.8
-17.5°	9539.1	9477.7	9416.3	9407.5	9360.8	9217.5	9094.7	8913.5	8732.2	8536.4	8308.3
-20°	8936.9	8852.1	8811.2	8787.8	8723.5	8618.2	8486.7	8320.0	8144.6	7957.5	7694.4



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8270.3	8197.2	8127.1	8083.2	8027.7	7945.8	7820.1	7674.0	7501.5	7291.0	7048.3
-25°	7513.2	7410.8	7367.0	7317.3	7288.1	7212.1	7089.3	6954.8	6776.5	6571.8	6340.9
-27.5°	6647.8	6566.0	6542.6	6472.4	6437.3	6358.4	6256.1	6130.4	5966.7	5773.7	5583.7
-30°	5691.9	5642.2	5604.2	5534.0	5507.7	5422.9	5355.7	5250.4	5101.4	4964.0	4811.9
-32.5°	4709.6	4659.9	4648.2	4616.1	4598.5	4543.0	4467.0	4391.0	4271.1	4168.8	4046.0
-35°	3838.4	3803.4	3806.3	3803.4	3785.8	3744.9	3651.3	3630.9	3543.2	3449.6	3370.7
-37.5°	3142.7	3145.6	3142.7	3139.7	3116.4	3098.8	3031.6	3005.3	2952.6	2862.0	2815.2
-40°	2619.4	2625.2	2622.3	2616.5	2590.1	2581.4	2537.5	2502.4	2482.0	2417.7	2368.0
-42.5°	2195.5	2204.3	2201.3	2198.4	2180.9	2177.9	2154.6	2113.6	2101.9	2063.9	2011.3
-45°	1873.9	1871.0	1865.1	1871.0	1862.2	1853.4	1838.8	1812.5	1797.9	1780.4	1736.5
-47.5°	1619.6	1622.5	1616.6	1616.6	1605.0	1596.2	1590.3	1572.8	1561.1	1546.5	1520.2
-50°	1409.1	1420.8	1417.9	1414.9	1406.2	1400.3	1400.3	1382.8	1365.2	1359.4	1341.8
-52.5°	1245.4	1254.1	1257.1	1262.9	1265.8	1268.8	1260.0	1242.4	1213.2	1210.3	1201.5
-55°	1096.3	1122.6	1140.1	1151.8	1163.5	1172.3	1154.7	1131.4	1102.1	1090.4	1087.5
-57.5°	994.0	1020.3	1040.7	1058.3	1072.9	1087.5	1070.0	1046.6	1020.3	1005.7	1002.7
-60°	900.4	923.8	944.3	967.6	988.1	1011.5	1002.7	985.2	970.6	958.9	947.2
-62.5°	801.0	824.4	847.8	877.0	903.3	926.7	929.6	926.7	923.8	926.7	906.3
-65°	719.2	730.9	745.5	777.6	806.9	833.2	847.8	856.6	871.2	885.8	865.3
-67.5°	631.5	646.1	663.6	687.0	710.4	727.9	748.4	771.8	795.2	818.6	803.9
-70°	552.5	564.2	578.8	590.5	605.1	616.8	634.4	660.7	687.0	710.4	704.5
-72.5°	470.7	482.4	491.1	497.0	505.7	511.6	520.4	543.8	561.3	573.0	573.0
-75°	388.8	400.5	409.3	412.2	418.0	421.0	426.8	435.6	444.4	447.3	450.2
-77.5°	298.2	309.9	318.7	324.5	330.3	336.2	339.1	345.0	347.9	347.9	350.8
-80°	222.2	230.9	236.8	245.6	248.5	254.3	260.2	263.1	266.0	266.0	269.0
-82.5°	157.9	163.7	169.6	175.4	181.3	184.2	190.0	192.9	195.9	198.8	201.7
-85°	105.2	111.1	116.9	122.8	125.7	128.6	131.6	134.5	137.4	140.3	143.2
-87.5°	61.4	64.3	67.2	73.1	76.0	81.9	84.8	81.9	84.8	84.8	84.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	114.0	114.0	114.0	114.0	111.1	105.2	102.3	96.5	90.6	84.8	78.9
85°	236.8	239.7	239.7	239.7	233.9	230.9	222.2	213.4	201.7	184.2	169.6
82.5°	394.7	397.6	397.6	394.7	388.8	380.0	368.3	353.7	330.3	307.0	286.5
80°	593.5	596.4	596.4	593.5	578.8	564.2	549.6	532.1	502.8	470.7	435.6
77.5°	830.2	836.1	836.1	827.3	806.9	789.3	765.9	736.7	692.8	646.1	599.3
75°	1105.0	1119.7	1122.6	1113.8	1087.5	1055.4	1017.3	967.6	900.4	841.9	786.4
72.5°	1423.7	1438.3	1450.0	1438.3	1400.3	1356.5	1300.9	1242.4	1175.2	1096.3	1002.7
70°	1841.7	1856.4	1865.1	1827.1	1759.9	1686.8	1619.6	1552.3	1473.4	1376.9	1274.6
67.5°	2368.0	2353.3	2335.8	2259.8	2175.0	2087.3	1993.8	1894.4	1792.1	1689.7	1569.9
65°	2873.7	2832.8	2794.8	2704.2	2596.0	2482.0	2373.8	2262.7	2139.9	2011.3	1897.3
62.5°	3405.8	3318.1	3224.5	3113.4	3002.3	2876.6	2768.5	2636.9	2499.5	2341.7	2195.5
60°	3929.1	3823.8	3730.3	3592.9	3446.7	3277.1	3160.2	3031.6	2870.8	2701.2	2528.7
57.5°	4434.8	4320.8	4218.5	4098.6	3940.8	3756.6	3628.0	3461.3	3291.8	3078.4	2902.9
55°	4972.7	4858.7	4776.9	4642.4	4469.9	4300.3	4160.0	3984.6	3747.8	3519.8	3303.5
52.5°	5589.6	5498.9	5411.2	5273.8	5066.3	4893.8	4738.8	4543.0	4294.5	4013.8	3753.7
50°	6279.5	6232.7	6139.2	5978.4	5741.6	5589.6	5384.9	5124.7	4858.7	4563.4	4238.9
47.5°	7194.5	7118.5	6986.9	6811.5	6612.8	6384.7	6109.9	5805.9	5428.8	5101.4	4756.4
45°	8287.9	8147.5	7978.0	7741.2	7495.6	7238.4	6937.3	6551.4	6045.6	5618.8	5256.3
42.5°	9471.8	9281.8	9050.9	8741.0	8422.3	8106.6	7782.1	7255.9	6624.4	6133.3	5724.0
40°	10708.5	10465.8	10176.4	9726.2	9372.5	8966.1	8594.8	7808.4	7136.0	6604.0	6168.4
37.5°	11918.7	11611.8	11126.5	10579.8	10167.6	9834.4	9018.7	8176.8	7574.6	6989.9	6548.4
35°	12845.5	12585.3	11728.7	11161.6	10807.8	10281.6	9261.4	8399.0	7761.7	7276.4	6589.4
32.5°	13395.1	12722.7	11971.4	11398.4	11106.0	10243.6	9278.9	8463.3	7849.4	7305.6	6484.1
30°	13272.3	12459.6	11801.8	11322.4	10688.0	9913.3	9115.2	8363.9	7767.5	7109.7	6367.2
27.5°	12532.7	11904.1	11316.5	10816.6	10193.9	9498.2	8761.5	8100.8	7545.3	6908.0	6206.4
25°	11696.6	11126.5	10690.9	10255.3	9664.8	9001.2	8352.2	7875.7	7317.3	6688.8	5995.9
22.5°	10927.7	10518.4	10176.4	9720.3	9144.4	8565.6	8162.2	7668.1	7095.1	6457.8	5779.6
20°	10436.6	10158.8	9767.1	9264.3	8811.2	8448.7	8001.4	7478.1	6887.6	6221.0	5595.4
17.5°	10199.8	9878.2	9442.6	9115.2	8767.3	8369.7	7869.8	7314.4	6685.8	6112.9	5615.9
15°	10077.0	9737.9	9451.4	9129.8	8738.1	8320.0	7764.6	7188.7	6685.8	6156.7	5630.5
12.5°	10103.3	9811.0	9498.2	9147.3	8726.4	8279.1	7776.3	7241.3	6720.9	6188.9	5633.4
10°	10185.2	9878.2	9544.9	9156.1	8732.2	8290.8	7808.4	7273.4	6738.5	6203.5	5627.6
7.5°	10214.4	9881.1	9524.5	9132.7	8717.6	8284.9	7814.3	7282.2	6741.4	6200.6	5610.0
5°	10123.8	9822.7	9477.7	9083.0	8676.7	8255.7	7790.9	7270.5	6718.0	6171.3	5566.2
2.5°	10001.0	9758.3	9428.0	9048.0	8635.8	8214.8	7752.9	7217.9	6665.4	6118.7	5510.6
0°	9980.5	9679.4	9346.1	9007.0	8568.5	8124.2	7665.2	7118.5	6568.9	6019.3	5414.2
-2.5°	9846.0	9527.4	9194.1	8825.8	8439.9	7992.6	7510.2	6975.3	6431.5	5890.7	5308.9
-5°	9743.7	9390.0	9036.3	8638.7	8249.9	7802.6	7302.7	6782.3	6250.3	5724.0	5162.7
-7.5°	9606.3	9243.8	8872.5	8457.4	8036.5	7580.4	7086.3	6566.0	6042.7	5519.4	4981.5
-10°	9328.6	9009.9	8662.1	8232.3	7788.0	7331.9	6840.8	6329.2	5805.9	5276.8	4735.9
-12.5°	8992.4	8656.2	8276.2	7881.5	7483.9	7060.0	6568.9	6066.1	5539.9	5007.8	4469.9
-15°	8556.8	8226.5	7837.7	7451.8	7068.8	6662.5	6229.8	5776.7	5241.7	4718.4	4180.5
-17.5°	8013.1	7703.2	7355.3	6986.9	6606.9	6197.6	5776.7	5393.7	4893.8	4402.7	3870.6
-20°	7428.4	7139.0	6826.2	6478.3	6098.2	5697.7	5300.1	4899.6	4467.0	4034.3	3540.2



REPORT NUMBER: P722085

CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6820.3	6528.0	6212.2	5887.7	5536.9	5165.7	4797.3	4414.3	4034.3	3642.6	3224.5
-25°	6118.7	5861.4	5572.0	5256.3	4943.5	4619.0	4268.2	3920.3	3595.8	3256.7	2914.6
-27.5°	5384.9	5148.1	4885.0	4610.2	4341.3	4069.4	3765.4	3443.8	3174.8	2894.2	2610.6
-30°	4613.1	4423.1	4209.7	3970.0	3762.4	3543.2	3288.8	3022.8	2777.2	2563.8	2335.8
-32.5°	3882.3	3721.5	3569.5	3411.6	3207.0	3037.4	2862.0	2666.1	2449.8	2248.1	2084.4
-35°	3253.8	3081.3	3017.0	2900.0	2753.9	2604.8	2476.1	2335.8	2172.1	1993.8	1859.3
-37.5°	2724.6	2622.3	2531.7	2467.4	2370.9	2251.0	2148.7	2046.4	1920.7	1786.2	1651.7
-40°	2312.4	2242.3	2142.9	2110.7	2049.3	1967.5	1862.2	1783.3	1698.5	1596.2	1482.2
-42.5°	1982.1	1929.5	1865.1	1809.6	1783.3	1724.8	1643.0	1566.9	1499.7	1429.5	1341.8
-45°	1710.2	1675.1	1634.2	1584.5	1564.0	1517.2	1458.8	1374.0	1336.0	1277.5	1213.2
-47.5°	1490.9	1473.4	1444.2	1412.0	1382.8	1347.7	1295.1	1242.4	1189.8	1151.8	1102.1
-50°	1318.5	1306.8	1289.2	1262.9	1224.9	1201.5	1166.4	1119.7	1070.0	1037.8	1002.7
-52.5°	1181.1	1169.4	1157.7	1137.2	1108.0	1084.6	1055.4	1017.3	976.4	944.3	915.0
-55°	1075.8	1058.3	1049.5	1032.0	1008.6	982.3	956.0	929.6	894.6	865.3	836.1
-57.5°	994.0	970.6	958.9	944.3	920.9	894.6	874.1	847.8	824.4	792.2	765.9
-60°	929.6	903.3	879.9	865.3	844.9	818.6	798.1	777.6	754.2	727.9	695.8
-62.5°	877.0	844.9	812.7	795.2	774.7	751.3	730.9	710.4	687.0	660.7	631.5
-65°	827.3	789.3	748.4	730.9	710.4	687.0	660.7	646.1	625.6	602.2	573.0
-67.5°	765.9	725.0	689.9	669.5	649.0	628.5	605.1	590.5	570.1	540.8	511.6
-70°	675.3	649.0	625.6	608.1	590.5	573.0	549.6	526.2	502.8	476.5	450.2
-72.5°	561.3	552.5	549.6	540.8	520.4	499.9	476.5	453.1	432.7	412.2	391.7
-75°	453.1	459.0	464.8	461.9	441.4	421.0	400.5	380.0	365.4	347.9	330.3
-77.5°	359.6	365.4	371.3	371.3	356.7	345.0	330.3	315.7	304.0	289.4	271.9
-80°	277.7	286.5	295.3	301.1	289.4	280.6	269.0	257.3	245.6	233.9	222.2
-82.5°	210.5	219.3	228.0	233.9	225.1	219.3	210.5	201.7	192.9	181.3	172.5
-85°	152.0	157.9	163.7	166.6	160.8	154.9	149.1	143.2	137.4	128.6	122.8
-87.5°	87.7	90.6	93.5	96.5	90.6	84.8	81.9	76.0	73.1	67.2	64.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	73.1	67.2	61.4	58.5	52.6	43.9	38.0	32.2	26.3	20.5	17.5
85°	154.9	140.3	122.8	114.0	102.3	90.6	78.9	67.2	55.5	43.9	32.2
82.5°	266.0	248.5	230.9	210.5	184.2	152.0	119.9	99.4	81.9	64.3	49.7
80°	400.5	368.3	339.1	312.8	283.6	242.6	198.8	157.9	111.1	84.8	64.3
77.5°	555.4	517.4	476.5	432.7	385.9	330.3	280.6	228.0	172.5	116.9	81.9
75°	730.9	681.2	625.6	564.2	502.8	429.7	359.6	298.2	233.9	163.7	99.4
72.5°	926.7	865.3	798.1	716.2	619.8	535.0	450.2	368.3	292.3	207.6	134.5
70°	1178.1	1081.7	982.3	894.6	771.8	637.3	537.9	444.4	347.9	254.3	169.6
67.5°	1447.1	1330.2	1210.3	1081.7	926.7	768.9	625.6	520.4	406.4	298.2	201.7
65°	1739.4	1593.3	1441.2	1298.0	1084.6	897.5	736.7	593.5	461.9	339.1	233.9
62.5°	2040.5	1868.1	1692.7	1505.6	1260.0	1029.0	841.9	675.3	514.5	377.1	263.1
60°	2362.1	2160.4	1947.0	1713.1	1426.6	1172.3	941.3	760.1	570.1	415.1	295.3
57.5°	2701.2	2482.0	2230.6	1914.8	1599.1	1309.7	1055.4	836.1	619.8	450.2	318.7
55°	3069.6	2818.2	2543.4	2125.3	1768.7	1447.1	1169.4	912.1	672.4	479.4	342.0
52.5°	3467.2	3174.8	2826.9	2347.5	1947.0	1587.4	1274.6	979.3	722.1	511.6	362.5
50°	3911.5	3543.2	3075.4	2552.1	2101.9	1719.0	1379.8	1052.4	763.0	546.7	380.0
47.5°	4373.4	3975.8	3297.6	2742.2	2259.8	1847.6	1488.0	1116.7	803.9	575.9	397.6
45°	4855.8	4276.9	3528.6	2911.7	2397.2	1964.5	1569.9	1175.2	853.6	602.2	412.2
42.5°	5332.3	4505.0	3730.3	3081.3	2525.8	2069.8	1637.1	1230.8	894.6	628.5	426.8
40°	5557.4	4677.5	3891.1	3198.2	2634.0	2163.3	1695.6	1280.5	929.6	646.1	441.4
37.5°	5651.0	4782.7	3996.3	3309.3	2718.8	2213.0	1745.3	1324.3	958.9	663.6	453.1
35°	5671.4	4820.7	4048.9	3385.3	2788.9	2259.8	1783.3	1356.5	982.3	681.2	464.8
32.5°	5633.4	4809.0	4063.5	3411.6	2832.8	2294.9	1809.6	1379.8	999.8	698.7	476.5
30°	5548.6	4747.6	4010.9	3408.7	2864.9	2315.3	1827.1	1397.4	1017.3	710.4	482.4
27.5°	5411.2	4639.5	3943.7	3411.6	2882.5	2324.1	1835.9	1406.2	1029.0	719.2	494.1
25°	5241.7	4493.3	3946.6	3405.8	2885.4	2327.0	1835.9	1406.2	1032.0	722.1	502.8
22.5°	5045.8	4493.3	3946.6	3397.0	2867.9	2321.2	1827.1	1400.3	1032.0	727.9	511.6
20°	5057.5	4496.2	3937.8	3379.5	2841.6	2303.6	1806.7	1385.7	1023.2	736.7	517.4
17.5°	5066.3	4490.4	3920.3	3356.1	2806.5	2274.4	1780.4	1365.2	1023.2	745.5	520.4
15°	5066.3	4472.8	3894.0	3321.0	2762.6	2233.5	1742.4	1347.7	1026.1	748.4	526.2
12.5°	5057.5	4440.7	3853.1	3274.2	2710.0	2183.8	1719.0	1341.8	1026.1	751.3	526.2
10°	5040.0	4396.8	3800.4	3215.8	2660.3	2166.2	1707.3	1330.2	1020.3	751.3	526.2
7.5°	5007.8	4344.2	3756.6	3180.7	2631.1	2145.8	1689.7	1312.6	1011.5	745.5	532.1
5°	4958.1	4315.0	3721.5	3139.7	2590.1	2131.2	1678.0	1298.0	1005.7	745.5	526.2
2.5°	4893.8	4279.9	3680.6	3087.1	2543.4	2081.5	1640.0	1265.8	985.2	733.8	520.4
0°	4788.5	4209.7	3610.4	3014.0	2479.1	2031.8	1602.0	1233.7	964.7	722.1	514.5
-2.5°	4692.1	4116.2	3519.8	2938.0	2417.7	1987.9	1572.8	1216.1	956.0	719.2	511.6
-5°	4557.6	3987.5	3399.9	2838.6	2335.8	1944.1	1543.6	1195.7	947.2	713.3	511.6
-7.5°	4408.5	3853.1	3274.2	2736.3	2253.9	1868.1	1488.0	1163.5	926.7	701.6	508.7
-10°	4177.6	3651.3	3116.4	2619.4	2166.2	1800.8	1441.2	1134.3	909.2	689.9	497.0
-12.5°	3932.0	3429.2	2935.1	2476.1	2066.9	1730.7	1388.6	1102.1	888.7	678.2	491.1
-15°	3671.8	3201.1	2745.1	2327.0	1958.7	1645.9	1333.1	1067.0	868.3	663.6	482.4
-17.5°	3399.9	2961.4	2549.2	2175.0	1850.5	1558.2	1274.6	1034.9	844.9	649.0	473.6
-20°	3113.4	2715.8	2350.4	2020.1	1736.5	1470.5	1213.2	996.9	818.6	631.5	461.9



REPORT NUMBER: P722085

CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2829.9	2473.2	2145.8	1868.1	1619.6	1379.8	1151.8	958.9	789.3	611.0	453.1
-25°	2578.4	2245.2	1964.5	1721.9	1505.6	1292.1	1087.5	920.9	757.2	590.5	441.4
-27.5°	2332.9	2049.3	1786.2	1584.5	1394.5	1207.4	1026.1	879.9	725.0	567.1	429.7
-30°	2104.9	1862.2	1645.9	1450.0	1289.2	1131.4	973.5	839.0	689.9	543.8	415.1
-32.5°	1897.3	1701.4	1520.2	1333.1	1189.8	1055.4	923.8	798.1	654.8	520.4	400.5
-35°	1704.3	1552.3	1394.5	1236.6	1090.4	985.2	871.2	754.2	622.7	494.1	385.9
-37.5°	1531.9	1409.1	1283.4	1148.9	1023.2	918.0	821.5	710.4	590.5	470.7	371.3
-40°	1382.8	1283.4	1172.3	1064.1	958.9	859.5	771.8	666.5	558.4	453.1	356.7
-42.5°	1245.4	1169.4	1078.7	988.1	894.6	806.9	722.1	619.8	526.2	432.7	342.0
-45°	1140.1	1064.1	991.0	909.2	830.2	754.2	669.5	578.8	497.0	409.3	327.4
-47.5°	1040.7	973.5	906.3	839.0	774.7	704.5	619.8	543.8	464.8	388.8	315.7
-50°	953.0	888.7	830.2	771.8	716.2	649.0	570.1	508.7	438.5	368.3	301.1
-52.5°	871.2	815.6	757.2	710.4	663.6	596.4	532.1	473.6	412.2	345.0	286.5
-55°	798.1	745.5	692.8	649.0	605.1	546.7	494.1	444.4	385.9	327.4	271.9
-57.5°	727.9	684.1	634.4	593.5	549.6	502.8	459.0	412.2	359.6	309.9	257.3
-60°	663.6	622.7	578.8	537.9	499.9	461.9	421.0	383.0	336.2	289.4	242.6
-62.5°	599.3	564.2	526.2	485.3	456.1	421.0	388.8	350.8	312.8	271.9	216.3
-65°	540.8	508.7	473.6	438.5	412.2	385.9	356.7	321.6	289.4	251.4	192.9
-67.5°	482.4	453.1	423.9	394.7	371.3	350.8	321.6	295.3	269.0	228.0	169.6
-70°	426.8	403.4	377.1	353.7	336.2	312.8	292.3	269.0	245.6	198.8	143.2
-72.5°	374.2	350.8	330.3	312.8	298.2	277.7	260.2	242.6	210.5	166.6	119.9
-75°	312.8	298.2	286.5	271.9	257.3	242.6	228.0	207.6	175.4	134.5	93.5
-77.5°	257.3	248.5	239.7	228.0	216.3	204.6	187.1	166.6	140.3	105.2	76.0
-80°	210.5	201.7	195.9	184.2	175.4	163.7	146.2	128.6	102.3	81.9	61.4
-82.5°	160.8	154.9	149.1	143.2	134.5	122.8	105.2	90.6	76.0	61.4	46.8
-85°	114.0	111.1	105.2	99.4	90.6	81.9	70.2	61.4	52.6	40.9	32.2
-87.5°	58.5	55.5	52.6	49.7	46.8	40.9	35.1	29.2	26.3	20.5	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.7	8.8	2.9	0.0
85°	23.4	14.6	5.8	0.0
82.5°	35.1	23.4	8.8	0.0
80°	46.8	29.2	14.6	0.0
77.5°	58.5	35.1	17.5	0.0
75°	70.2	43.9	20.5	0.0
72.5°	78.9	49.7	23.4	0.0
70°	93.5	58.5	26.3	0.0
67.5°	116.9	64.3	29.2	0.0
65°	137.4	70.2	32.2	0.0
62.5°	160.8	76.0	35.1	0.0
60°	181.3	81.9	38.0	0.0
57.5°	201.7	96.5	40.9	0.0
55°	219.3	108.2	43.9	0.0
52.5°	239.7	119.9	46.8	0.0
50°	257.3	131.6	49.7	0.0
47.5°	271.9	143.2	49.7	0.0
45°	283.6	152.0	52.6	0.0
42.5°	292.3	160.8	55.5	0.0
40°	301.1	169.6	58.5	0.0
37.5°	309.9	178.3	58.5	0.0
35°	318.7	187.1	61.4	0.0
32.5°	327.4	195.9	61.4	0.0
30°	333.3	201.7	64.3	0.0
27.5°	342.0	207.6	64.3	0.0
25°	345.0	213.4	67.2	0.0
22.5°	350.8	216.3	67.2	0.0
20°	356.7	222.2	67.2	0.0
17.5°	359.6	225.1	70.2	0.0
15°	359.6	228.0	73.1	0.0
12.5°	362.5	230.9	73.1	0.0
10°	362.5	236.8	70.2	0.0
7.5°	368.3	233.9	70.2	0.0
5°	365.4	233.9	70.2	0.0
2.5°	362.5	230.9	70.2	0.0
0°	359.6	230.9	70.2	0.0
-2.5°	359.6	230.9	70.2	0.0
-5°	359.6	230.9	70.2	0.0
-7.5°	356.7	233.9	70.2	0.0
-10°	350.8	233.9	70.2	0.0
-12.5°	347.9	225.1	70.2	0.0
-15°	345.0	222.2	70.2	0.0
-17.5°	339.1	219.3	67.2	0.0
-20°	333.3	216.3	67.2	0.0



REPORT NUMBER: P722085
 CATALOG NUMBER: IFLD-S-SA6A-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	327.4	210.5	67.2	0.0
-25°	321.6	204.6	64.3	0.0
-27.5°	315.7	198.8	64.3	0.0
-30°	307.0	192.9	61.4	0.0
-32.5°	298.2	187.1	61.4	0.0
-35°	292.3	178.3	58.5	0.0
-37.5°	283.6	169.6	58.5	0.0
-40°	274.8	160.8	55.5	0.0
-42.5°	266.0	152.0	52.6	0.0
-45°	254.3	143.2	52.6	0.0
-47.5°	245.6	134.5	49.7	0.0
-50°	230.9	122.8	46.8	0.0
-52.5°	213.4	111.1	43.9	0.0
-55°	195.9	102.3	40.9	0.0
-57.5°	178.3	90.6	40.9	0.0
-60°	160.8	78.9	38.0	0.0
-62.5°	143.2	73.1	35.1	0.0
-65°	125.7	67.2	32.2	0.0
-67.5°	105.2	58.5	29.2	0.0
-70°	87.7	52.6	26.3	0.0
-72.5°	76.0	46.8	23.4	0.0
-75°	64.3	40.9	20.5	0.0
-77.5°	55.5	35.1	17.5	0.0
-80°	43.9	26.3	11.7	0.0
-82.5°	32.2	20.5	8.8	0.0
-85°	20.5	14.6	5.8	0.0
-87.5°	11.7	5.8	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)