

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: P722352

Luminaire Tested: **IFLD-M-SA4B-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722352
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

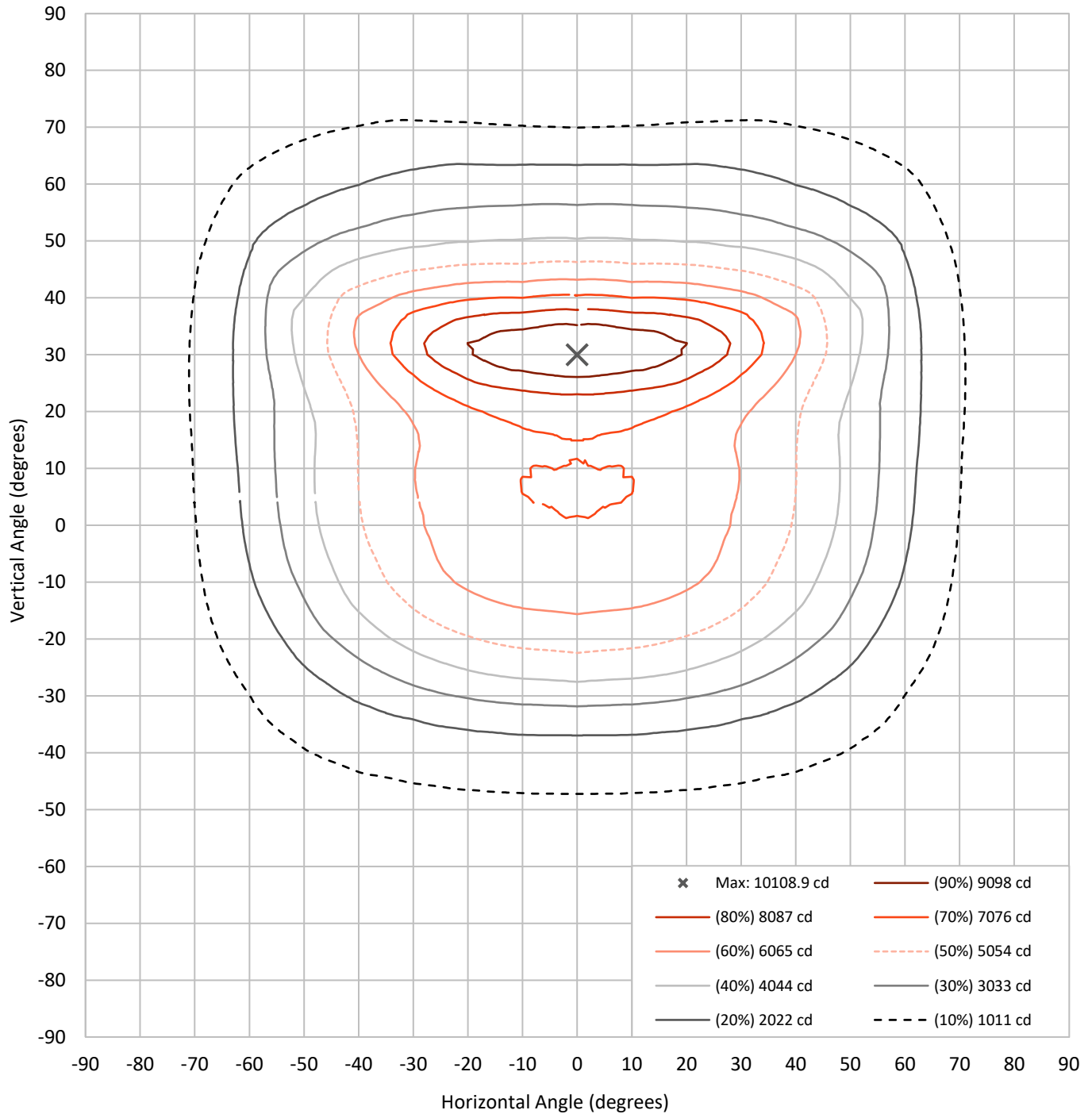
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	16874.3 lumens	Max Intensity:	10108.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9812.6 lumens	Field Lumens:	15813.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 166.1
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: 28.75 FT



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CATALOG NUMBER: IFLD-M-SA4B-950-U-76

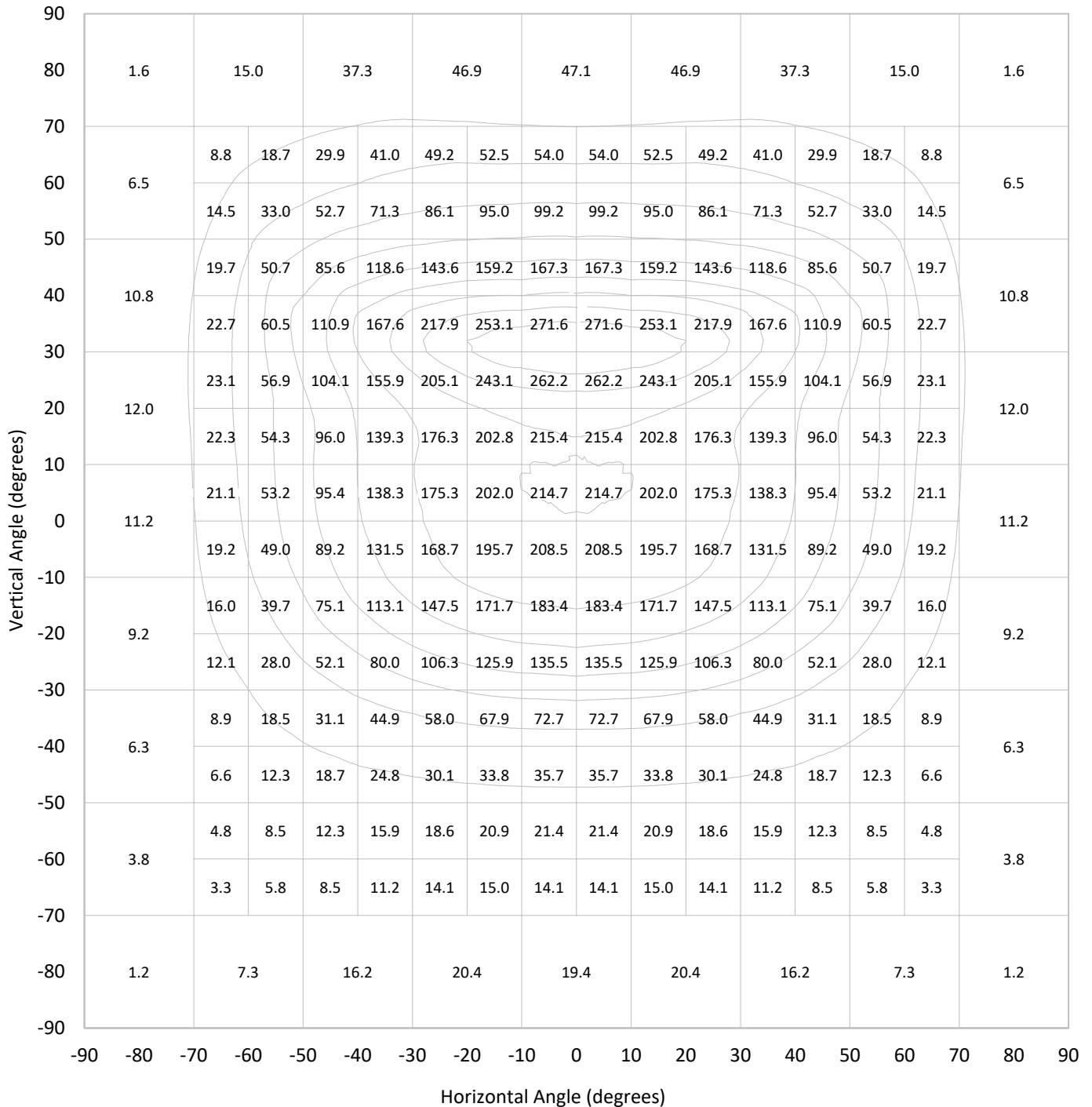
Iso-Candela Plot





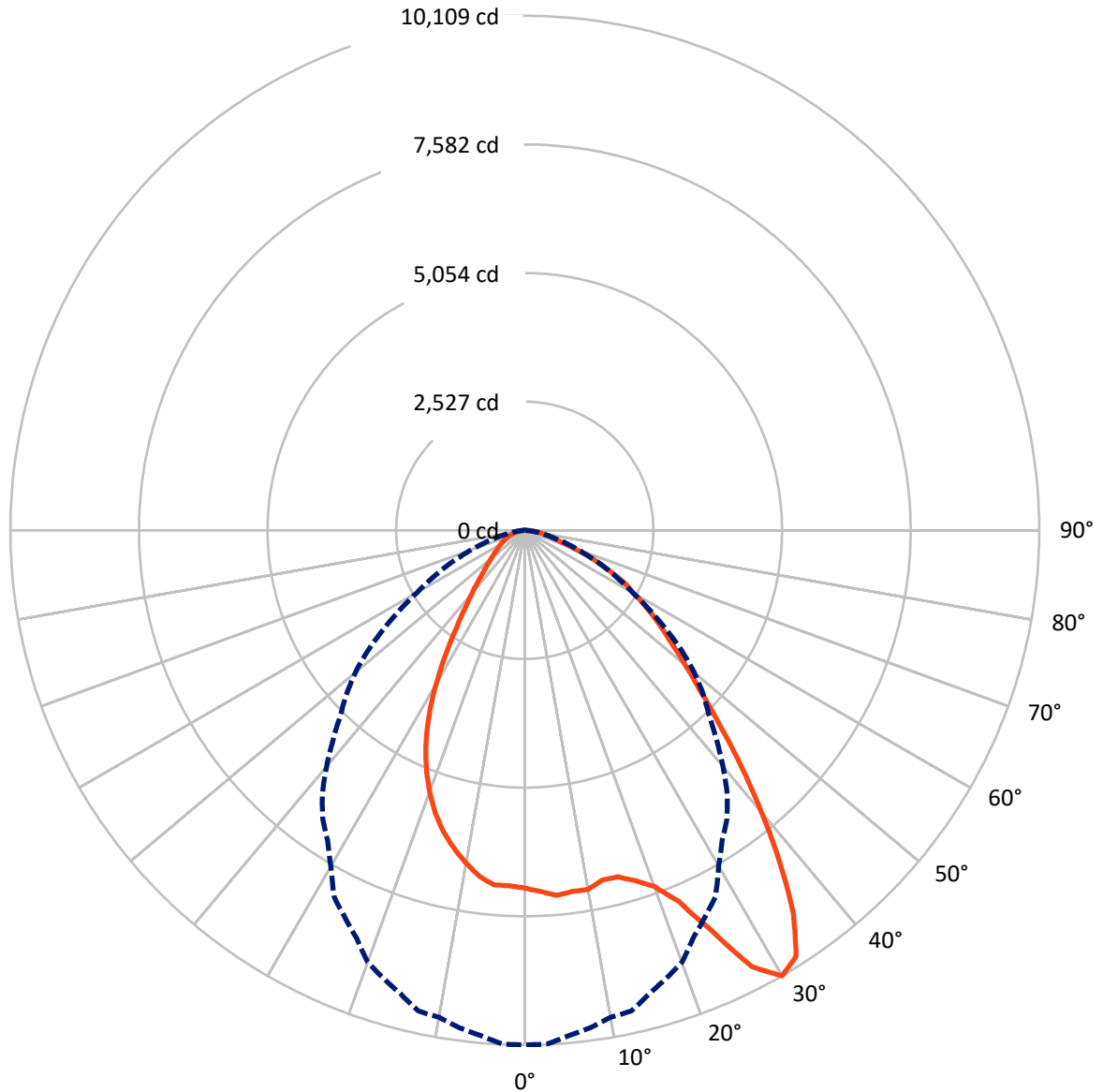
REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

Lumen Table



REPORT NUMBER: P722352
CATALOG NUMBER: IFLD-M-SA4B-950-U-76

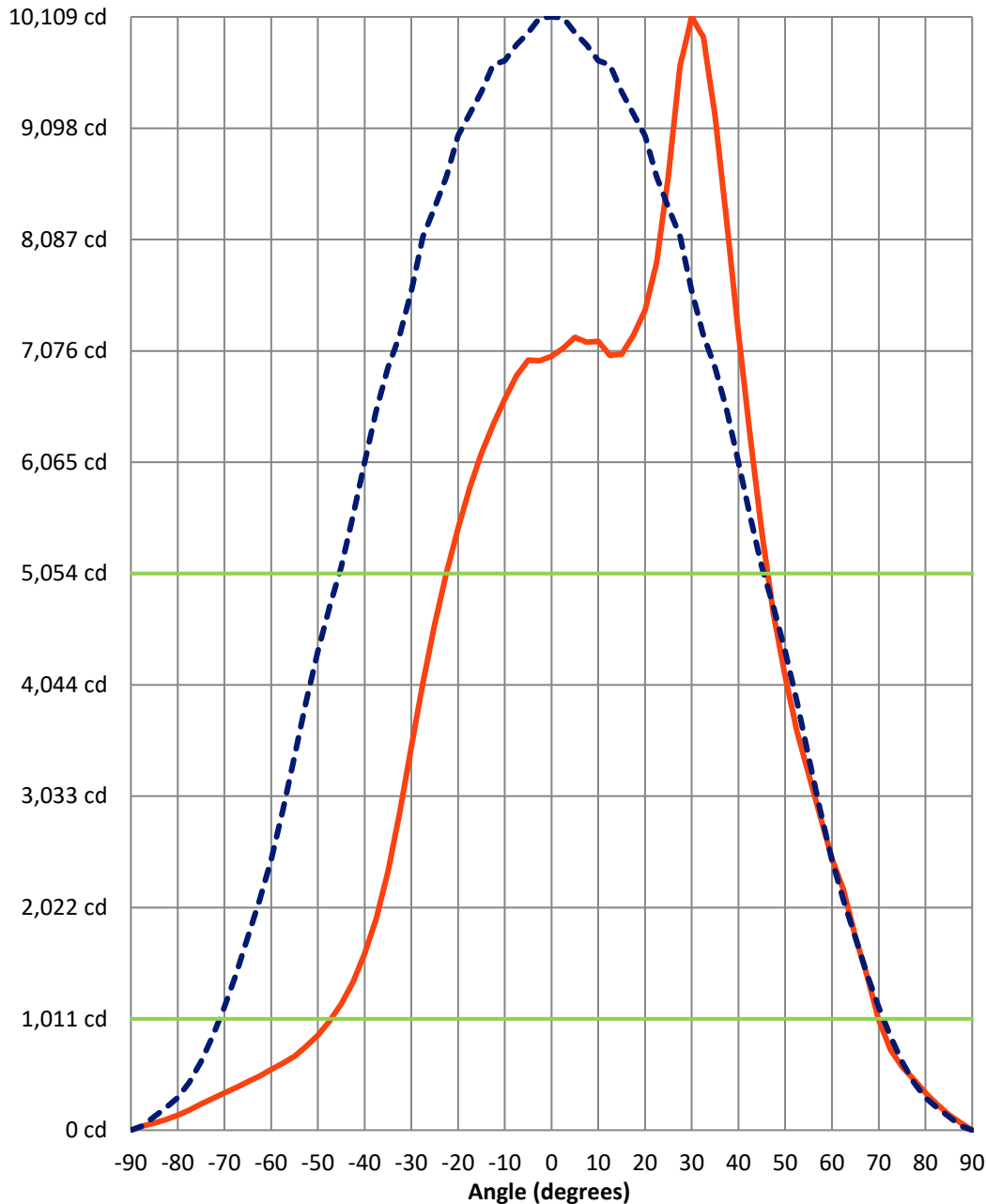
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 9812.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 15813.4
 Efficiency: 93.7%

Spill:
 Lumens: 1060.9
 Efficiency: 6.3%

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



REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-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°	67.9	69.7	71.5	71.5	69.7	69.7	69.7	67.9	69.7	69.7	69.7
85°	141.2	144.8	148.4	146.6	144.8	141.2	137.6	139.4	141.2	143.0	143.0
82.5°	234.2	239.5	243.1	241.3	237.8	234.2	230.6	232.4	236.0	237.8	237.8
80°	339.6	341.4	343.2	346.8	341.4	341.4	339.6	346.8	350.4	353.9	357.5
77.5°	461.2	463.0	463.0	464.8	466.6	468.4	468.4	480.9	489.8	495.2	500.5
75°	575.6	581.0	586.3	591.7	598.8	602.4	607.8	625.7	640.0	650.7	661.4
72.5°	732.9	740.1	749.0	761.5	774.0	783.0	795.5	816.9	833.0	843.7	856.3
70°	1002.8	1010.0	1018.9	1027.9	1040.4	1049.3	1061.8	1088.7	1104.7	1111.9	1119.0
67.5°	1403.3	1421.1	1437.2	1419.4	1410.4	1397.9	1401.5	1426.5	1442.6	1453.3	1451.5
65°	1759.0	1771.5	1771.5	1769.7	1762.6	1746.5	1755.4	1785.8	1803.7	1812.6	1785.8
62.5°	2177.3	2177.3	2168.4	2182.7	2184.5	2173.7	2168.4	2170.2	2171.9	2177.3	2132.6
60°	2466.9	2484.8	2490.1	2502.6	2506.2	2506.2	2515.2	2522.3	2522.3	2511.6	2459.7
57.5°	2849.4	2883.4	2890.6	2881.6	2863.7	2840.5	2836.9	2826.2	2804.8	2783.3	2758.3
55°	3235.6	3253.4	3251.7	3246.3	3228.4	3201.6	3205.2	3190.9	3156.9	3130.1	3096.1
52.5°	3623.5	3666.4	3673.5	3662.8	3637.8	3609.2	3611.0	3594.9	3560.9	3532.3	3485.8
50°	4118.6	4154.4	4150.8	4132.9	4097.2	4075.7	4077.5	4047.1	4007.8	3998.9	3938.1
47.5°	4685.3	4726.4	4719.3	4694.2	4646.0	4637.0	4646.0	4606.7	4583.4	4563.8	4492.2
45°	5429.0	5477.2	5450.4	5402.1	5325.3	5334.2	5346.7	5339.6	5289.5	5237.7	5146.5
42.5°	6301.3	6331.7	6299.5	6251.3	6154.7	6172.6	6165.4	6122.5	6092.2	6006.3	5890.2
40°	7234.4	7300.6	7250.5	7175.4	7075.3	7102.2	7082.5	7027.1	6955.6	6848.3	6701.7
37.5°	8240.9	8292.7	8235.5	8147.9	8058.5	8049.6	8010.3	7924.4	7822.6	7704.6	7470.4
35°	9204.4	9338.4	9233.0	9093.5	8984.5	8943.4	8905.8	8707.4	8591.2	8400.0	8080.0
32.5°	9921.2	10019.5	9889.0	9744.2	9611.9	9554.7	9422.5	9186.5	9123.9	8721.7	8428.6
30°	10108.9	10101.7	9965.9	9855.1	9712.1	9672.7	9429.6	9229.4	9029.2	8657.4	8378.5
27.5°	9662.0	9617.3	9486.8	9390.3	9249.1	9202.6	8963.0	8855.8	8546.5	8231.9	7996.0
25°	8666.3	8689.5	8591.2	8543.0	8450.0	8349.9	8255.2	8110.4	7917.3	7642.0	7425.7
22.5°	7881.5	7911.9	7870.8	7813.6	7742.1	7686.7	7615.2	7502.6	7316.7	7146.8	6943.1
20°	7445.4	7436.4	7400.7	7357.8	7289.8	7250.5	7171.9	7077.1	6934.1	6787.5	6567.7
17.5°	7216.6	7161.1	7127.2	7111.1	7075.3	7025.3	6932.3	6835.8	6725.0	6558.7	6397.8
15°	7046.7	7055.7	7028.9	7016.3	6987.7	6918.0	6823.3	6744.6	6594.5	6510.5	6363.9
12.5°	7036.0	7027.1	7028.9	7023.5	6987.7	6898.4	6850.1	6750.0	6653.5	6542.6	6374.6
10°	7162.9	7068.2	7075.3	7100.4	7043.2	6971.7	6919.8	6810.8	6719.6	6578.4	6412.1
7.5°	7155.8	7107.5	7121.8	7080.7	7098.6	7011.0	6939.5	6830.4	6716.0	6565.9	6415.7
5°	7198.7	7125.4	7112.9	7116.5	7071.8	7005.6	6909.1	6805.4	6698.2	6530.1	6376.4
2.5°	7100.4	7111.1	7053.9	7032.4	7027.1	6916.2	6826.9	6726.8	6615.9	6467.6	6329.9
0°	7027.1	7046.7	6987.7	6957.4	6955.6	6860.8	6803.6	6689.2	6610.6	6487.2	6321.0
-2.5°	6987.7	7011.0	7018.1	6962.7	6909.1	6835.8	6739.3	6615.9	6487.2	6344.2	6201.2
-5°	6991.3	6944.8	6925.2	6943.1	6896.6	6823.3	6716.0	6607.0	6480.1	6326.3	6147.6
-7.5°	6850.1	6803.6	6800.0	6791.1	6780.4	6710.7	6621.3	6503.3	6374.6	6231.6	6065.3
-10°	6639.2	6605.2	6596.3	6587.3	6558.7	6517.6	6433.6	6326.3	6210.1	6067.1	5890.2
-12.5°	6405.0	6388.9	6354.9	6331.7	6303.1	6254.8	6174.4	6076.1	5959.9	5833.0	5681.0
-15°	6145.8	6115.4	6081.4	6061.8	6020.6	5963.4	5883.0	5791.8	5664.9	5539.8	5396.8
-17.5°	5833.0	5795.4	5757.9	5752.5	5723.9	5636.3	5561.2	5450.4	5339.6	5219.8	5080.4
-20°	5464.7	5412.9	5387.8	5373.5	5334.2	5269.9	5189.4	5087.5	4980.3	4865.9	4705.0



REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5057.1	5012.4	4969.5	4942.7	4908.8	4858.7	4781.8	4692.5	4587.0	4458.3	4309.9
-25°	4594.1	4531.6	4504.8	4474.4	4456.5	4410.0	4334.9	4252.7	4143.7	4018.5	3877.3
-27.5°	4065.0	4015.0	4000.7	3957.8	3936.3	3888.0	3825.5	3748.6	3648.5	3530.5	3414.3
-30°	3480.5	3450.1	3426.8	3383.9	3367.8	3316.0	3274.9	3210.5	3119.4	3035.4	2942.4
-32.5°	2879.8	2849.4	2842.3	2822.6	2811.9	2777.9	2731.5	2685.0	2611.7	2549.1	2474.0
-35°	2347.1	2325.7	2327.5	2325.7	2314.9	2289.9	2232.7	2220.2	2166.6	2109.4	2061.1
-37.5°	1921.7	1923.5	1921.7	1919.9	1905.6	1894.9	1853.7	1837.7	1805.5	1750.1	1721.5
-40°	1601.7	1605.3	1603.5	1599.9	1583.8	1578.5	1551.6	1530.2	1517.7	1478.3	1448.0
-42.5°	1342.5	1347.9	1346.1	1344.3	1333.6	1331.8	1317.5	1292.4	1285.3	1262.0	1229.9
-45°	1145.9	1144.1	1140.5	1144.1	1138.7	1133.3	1124.4	1108.3	1099.4	1088.7	1061.8
-47.5°	990.3	992.1	988.5	988.5	981.4	976.0	972.5	961.7	954.6	945.6	929.6
-50°	861.6	868.8	867.0	865.2	859.8	856.3	856.3	845.5	834.8	831.2	820.5
-52.5°	761.5	766.9	768.7	772.2	774.0	775.8	770.5	759.7	741.9	740.1	734.7
-55°	670.4	686.4	697.2	704.3	711.5	716.8	706.1	691.8	673.9	666.8	665.0
-57.5°	607.8	623.9	636.4	647.1	656.1	665.0	654.3	640.0	623.9	614.9	613.1
-60°	550.6	564.9	577.4	591.7	604.2	618.5	613.1	602.4	593.5	586.3	579.2
-62.5°	489.8	504.1	518.4	536.3	552.4	566.7	568.5	566.7	564.9	566.7	554.2
-65°	439.8	446.9	455.8	475.5	493.4	509.5	518.4	523.8	532.7	541.6	529.1
-67.5°	386.1	395.1	405.8	420.1	434.4	445.1	457.6	471.9	486.2	500.5	491.6
-70°	337.9	345.0	353.9	361.1	370.0	377.2	387.9	404.0	420.1	434.4	430.8
-72.5°	287.8	295.0	300.3	303.9	309.3	312.8	318.2	332.5	343.2	350.4	350.4
-75°	237.8	244.9	250.3	252.1	255.6	257.4	261.0	266.4	271.7	273.5	275.3
-77.5°	182.3	189.5	194.8	198.4	202.0	205.6	207.4	210.9	212.7	212.7	214.5
-80°	135.9	141.2	144.8	150.2	151.9	155.5	159.1	160.9	162.7	162.7	164.5
-82.5°	96.5	100.1	103.7	107.3	110.8	112.6	116.2	118.0	119.8	121.6	123.3
-85°	64.4	67.9	71.5	75.1	76.9	78.7	80.4	82.2	84.0	85.8	87.6
-87.5°	37.5	39.3	41.1	44.7	46.5	50.1	51.8	50.1	51.8	51.8	51.8
-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: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-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°	69.7	69.7	69.7	69.7	67.9	64.4	62.6	59.0	55.4	51.8	48.3
85°	144.8	146.6	146.6	146.6	143.0	141.2	135.9	130.5	123.3	112.6	103.7
82.5°	241.3	243.1	243.1	241.3	237.8	232.4	225.2	216.3	202.0	187.7	175.2
80°	362.9	364.7	364.7	362.9	353.9	345.0	336.1	325.3	307.5	287.8	266.4
77.5°	507.7	511.3	511.3	505.9	493.4	482.7	468.4	450.5	423.7	395.1	366.5
75°	675.7	684.7	686.4	681.1	665.0	645.3	622.1	591.7	550.6	514.8	480.9
72.5°	870.6	879.5	886.7	879.5	856.3	829.4	795.5	759.7	718.6	670.4	613.1
70°	1126.2	1135.1	1140.5	1117.3	1076.1	1031.4	990.3	949.2	901.0	842.0	779.4
67.5°	1448.0	1439.0	1428.3	1381.8	1330.0	1276.3	1219.1	1158.4	1095.8	1033.2	959.9
65°	1757.2	1732.2	1708.9	1653.5	1587.4	1517.7	1451.5	1383.6	1308.5	1229.9	1160.2
62.5°	2082.6	2028.9	1971.7	1903.8	1835.9	1759.0	1692.9	1612.4	1528.4	1431.9	1342.5
60°	2402.5	2338.2	2281.0	2197.0	2107.6	2003.9	1932.4	1853.7	1755.4	1651.7	1546.3
57.5°	2711.8	2642.1	2579.5	2506.2	2409.7	2297.1	2218.4	2116.5	2012.8	1882.3	1775.1
55°	3040.7	2971.0	2920.9	2838.7	2733.2	2629.6	2543.8	2436.5	2291.7	2152.3	2020.0
52.5°	3417.9	3362.5	3308.9	3224.8	3097.9	2992.4	2897.7	2777.9	2626.0	2454.4	2295.3
50°	3839.8	3811.2	3754.0	3655.6	3510.9	3417.9	3292.8	3133.7	2971.0	2790.4	2592.0
47.5°	4399.3	4352.8	4272.4	4165.1	4043.6	3904.1	3736.1	3550.2	3319.6	3119.4	2908.4
45°	5067.9	4982.1	4878.4	4733.6	4583.4	4426.1	4242.0	4006.0	3696.8	3435.8	3214.1
42.5°	5791.8	5675.6	5534.4	5344.9	5150.1	4957.0	4758.6	4436.8	4050.7	3750.4	3500.1
40°	6548.0	6399.6	6222.6	5947.4	5731.1	5482.6	5255.6	4774.7	4363.5	4038.2	3771.8
37.5°	7288.1	7100.4	6803.6	6469.3	6217.3	6013.5	5514.8	4999.9	4631.7	4274.2	4004.2
35°	7854.7	7695.6	7171.9	6825.1	6608.8	6287.0	5663.1	5135.8	4746.1	4449.3	4029.3
32.5°	8190.8	7779.7	7320.2	6969.9	6791.1	6263.8	5673.9	5175.1	4799.7	4467.2	3964.9
30°	8115.7	7618.8	7216.6	6923.4	6535.5	6061.8	5573.7	5114.3	4749.7	4347.5	3893.4
27.5°	7663.5	7279.1	6919.8	6614.1	6233.4	5807.9	5357.4	4953.5	4613.8	4224.1	3795.1
25°	7152.2	6803.6	6537.3	6270.9	5909.8	5504.0	5107.2	4815.8	4474.4	4090.0	3666.4
22.5°	6682.1	6431.8	6222.6	5943.8	5591.6	5237.7	4991.0	4688.9	4338.5	3948.8	3534.1
20°	6381.7	6211.9	5972.4	5664.9	5387.8	5166.2	4892.7	4572.7	4211.6	3804.0	3421.5
17.5°	6236.9	6040.3	5774.0	5573.7	5361.0	5117.9	4812.2	4472.6	4088.2	3737.9	3434.0
15°	6161.9	5954.5	5779.3	5582.7	5343.1	5087.5	4747.9	4395.7	4088.2	3764.7	3442.9
12.5°	6178.0	5999.2	5807.9	5593.4	5336.0	5062.5	4755.0	4427.9	4109.7	3784.4	3444.7
10°	6228.0	6040.3	5836.5	5598.8	5339.6	5069.6	4774.7	4447.6	4120.4	3793.3	3441.1
7.5°	6245.9	6042.1	5824.0	5584.5	5330.6	5066.1	4778.3	4452.9	4122.2	3791.5	3430.4
5°	6190.5	6006.3	5795.4	5554.1	5305.6	5048.2	4764.0	4445.8	4107.9	3773.6	3403.6
2.5°	6115.4	5967.0	5765.0	5532.6	5280.6	5023.2	4740.7	4413.6	4075.7	3741.5	3369.6
0°	6102.9	5918.8	5715.0	5507.6	5239.5	4967.8	4687.1	4352.8	4016.7	3680.7	3310.6
-2.5°	6020.6	5825.8	5622.0	5396.8	5160.8	4887.3	4592.4	4265.2	3932.7	3602.0	3246.3
-5°	5958.1	5741.8	5525.5	5282.4	5044.6	4771.1	4465.4	4147.2	3821.9	3500.1	3156.9
-7.5°	5874.1	5652.4	5425.4	5171.5	4914.1	4635.3	4333.2	4015.0	3695.0	3375.0	3046.1
-10°	5704.2	5509.4	5296.7	5033.9	4762.2	4483.3	4183.0	3870.2	3550.2	3226.6	2895.9
-12.5°	5498.7	5293.1	5060.7	4819.4	4576.3	4317.1	4016.7	3709.3	3387.5	3062.2	2733.2
-15°	5232.3	5030.3	4792.6	4556.6	4322.4	4073.9	3809.4	3532.3	3205.2	2885.2	2556.3
-17.5°	4899.8	4710.3	4497.6	4272.4	4040.0	3789.7	3532.3	3298.1	2992.4	2692.1	2366.8
-20°	4542.3	4365.3	4174.1	3961.3	3728.9	3484.0	3240.9	2996.0	2731.5	2466.9	2164.8



REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4170.5	3991.7	3798.7	3600.2	3385.7	3158.7	2933.5	2699.3	2466.9	2227.4	1971.7
-25°	3741.5	3584.1	3407.2	3214.1	3022.8	2824.4	2609.9	2397.2	2198.8	1991.4	1782.2
-27.5°	3292.8	3148.0	2987.1	2819.1	2654.6	2488.3	2302.4	2105.8	1941.3	1769.7	1596.3
-30°	2820.8	2704.6	2574.1	2427.6	2300.6	2166.6	2011.1	1848.4	1698.2	1567.7	1428.3
-32.5°	2373.9	2275.6	2182.7	2086.1	1961.0	1857.3	1750.1	1630.3	1498.0	1374.7	1274.6
-35°	1989.6	1884.1	1844.8	1773.3	1683.9	1592.8	1514.1	1428.3	1328.2	1219.1	1136.9
-37.5°	1666.0	1603.5	1548.1	1508.7	1449.7	1376.5	1313.9	1251.3	1174.5	1092.2	1010.0
-40°	1414.0	1371.1	1310.3	1290.6	1253.1	1203.1	1138.7	1090.4	1038.6	976.0	906.3
-42.5°	1212.0	1179.8	1140.5	1106.5	1090.4	1054.7	1004.6	958.2	917.0	874.1	820.5
-45°	1045.7	1024.3	999.3	968.9	956.4	927.8	892.0	840.2	816.9	781.2	741.9
-47.5°	911.7	901.0	883.1	863.4	845.5	824.1	791.9	759.7	727.6	704.3	673.9
-50°	806.2	799.1	788.3	772.2	749.0	734.7	713.3	684.7	654.3	634.6	613.1
-52.5°	722.2	715.0	707.9	695.4	677.5	663.2	645.3	622.1	597.1	577.4	559.5
-55°	657.8	647.1	641.7	631.0	616.7	600.6	584.5	568.5	547.0	529.1	511.3
-57.5°	607.8	593.5	586.3	577.4	563.1	547.0	534.5	518.4	504.1	484.4	468.4
-60°	568.5	552.4	538.1	529.1	516.6	500.5	488.0	475.5	461.2	445.1	425.4
-62.5°	536.3	516.6	497.0	486.2	473.7	459.4	446.9	434.4	420.1	404.0	386.1
-65°	505.9	482.7	457.6	446.9	434.4	420.1	404.0	395.1	382.5	368.2	350.4
-67.5°	468.4	443.3	421.9	409.4	396.8	384.3	370.0	361.1	348.6	330.7	312.8
-70°	412.9	396.8	382.5	371.8	361.1	350.4	336.1	321.8	307.5	291.4	275.3
-72.5°	343.2	337.9	336.1	330.7	318.2	305.7	291.4	277.1	264.6	252.1	239.5
-75°	277.1	280.7	284.2	282.4	269.9	257.4	244.9	232.4	223.5	212.7	202.0
-77.5°	219.9	223.5	227.0	227.0	218.1	210.9	202.0	193.1	185.9	177.0	166.2
-80°	169.8	175.2	180.5	184.1	177.0	171.6	164.5	157.3	150.2	143.0	135.9
-82.5°	128.7	134.1	139.4	143.0	137.6	134.1	128.7	123.3	118.0	110.8	105.5
-85°	93.0	96.5	100.1	101.9	98.3	94.7	91.2	87.6	84.0	78.7	75.1
-87.5°	53.6	55.4	57.2	59.0	55.4	51.8	50.1	46.5	44.7	41.1	39.3
-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: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-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°	44.7	41.1	37.5	35.8	32.2	26.8	23.2	19.7	16.1	12.5	10.7
85°	94.7	85.8	75.1	69.7	62.6	55.4	48.3	41.1	34.0	26.8	19.7
82.5°	162.7	151.9	141.2	128.7	112.6	93.0	73.3	60.8	50.1	39.3	30.4
80°	244.9	225.2	207.4	191.3	173.4	148.4	121.6	96.5	67.9	51.8	39.3
77.5°	339.6	316.4	291.4	264.6	236.0	202.0	171.6	139.4	105.5	71.5	50.1
75°	446.9	416.5	382.5	345.0	307.5	262.8	219.9	182.3	143.0	100.1	60.8
72.5°	566.7	529.1	488.0	438.0	379.0	327.1	275.3	225.2	178.8	126.9	82.2
70°	720.4	661.4	600.6	547.0	471.9	389.7	328.9	271.7	212.7	155.5	103.7
67.5°	884.9	813.4	740.1	661.4	566.7	470.1	382.5	318.2	248.5	182.3	123.3
65°	1063.6	974.2	881.3	793.7	663.2	548.8	450.5	362.9	282.4	207.4	143.0
62.5°	1247.7	1142.3	1035.0	920.6	770.5	629.2	514.8	412.9	314.6	230.6	160.9
60°	1444.4	1321.0	1190.5	1047.5	872.4	716.8	575.6	464.8	348.6	253.8	180.5
57.5°	1651.7	1517.7	1363.9	1170.9	977.8	800.8	645.3	511.3	379.0	275.3	194.8
55°	1877.0	1723.3	1555.2	1299.6	1081.5	884.9	715.0	557.7	411.1	293.2	209.1
52.5°	2120.1	1941.3	1728.6	1435.4	1190.5	970.7	779.4	598.8	441.5	312.8	221.7
50°	2391.8	2166.6	1880.6	1560.6	1285.3	1051.1	843.7	643.5	466.6	334.3	232.4
47.5°	2674.3	2431.1	2016.4	1676.8	1381.8	1129.8	909.9	682.9	491.6	352.2	243.1
45°	2969.2	2615.3	2157.6	1780.5	1465.8	1201.3	959.9	718.6	522.0	368.2	252.1
42.5°	3260.6	2754.7	2281.0	1884.1	1544.5	1265.6	1001.1	752.6	547.0	384.3	261.0
40°	3398.2	2860.2	2379.3	1955.6	1610.6	1322.8	1036.8	783.0	568.5	395.1	269.9
37.5°	3455.4	2924.5	2443.7	2023.6	1662.5	1353.2	1067.2	809.8	586.3	405.8	277.1
35°	3468.0	2947.8	2475.8	2070.0	1705.4	1381.8	1090.4	829.4	600.6	416.5	284.2
32.5°	3444.7	2940.6	2484.8	2086.1	1732.2	1403.3	1106.5	843.7	611.4	427.2	291.4
30°	3392.9	2903.1	2452.6	2084.3	1751.9	1415.8	1117.3	854.5	622.1	434.4	295.0
27.5°	3308.9	2836.9	2411.5	2086.1	1762.6	1421.1	1122.6	859.8	629.2	439.8	302.1
25°	3205.2	2747.5	2413.3	2082.6	1764.4	1422.9	1122.6	859.8	631.0	441.5	307.5
22.5°	3085.4	2747.5	2413.3	2077.2	1753.6	1419.4	1117.3	856.3	631.0	445.1	312.8
20°	3092.6	2749.3	2407.9	2066.5	1737.6	1408.6	1104.7	847.3	625.7	450.5	316.4
17.5°	3097.9	2745.8	2397.2	2052.2	1716.1	1390.8	1088.7	834.8	625.7	455.8	318.2
15°	3097.9	2735.0	2381.1	2030.7	1689.3	1365.7	1065.4	824.1	627.4	457.6	321.8
12.5°	3092.6	2715.4	2356.1	2002.1	1657.1	1335.3	1051.1	820.5	627.4	459.4	321.8
10°	3081.8	2688.6	2323.9	1966.4	1626.7	1324.6	1044.0	813.4	623.9	459.4	321.8
7.5°	3062.2	2656.4	2297.1	1944.9	1608.8	1312.1	1033.2	802.6	618.5	455.8	325.3
5°	3031.8	2638.5	2275.6	1919.9	1583.8	1303.2	1026.1	793.7	614.9	455.8	321.8
2.5°	2992.4	2617.1	2250.6	1887.7	1555.2	1272.8	1002.8	774.0	602.4	448.7	318.2
0°	2928.1	2574.1	2207.7	1843.0	1515.9	1242.4	979.6	754.4	589.9	441.5	314.6
-2.5°	2869.1	2516.9	2152.3	1796.5	1478.3	1215.6	961.7	743.6	584.5	439.8	312.8
-5°	2786.9	2438.3	2079.0	1735.8	1428.3	1188.8	943.9	731.1	579.2	436.2	312.8
-7.5°	2695.7	2356.1	2002.1	1673.2	1378.2	1142.3	909.9	711.5	566.7	429.0	311.0
-10°	2554.5	2232.7	1905.6	1601.7	1324.6	1101.2	881.3	693.6	555.9	421.9	303.9
-12.5°	2404.3	2096.9	1794.8	1514.1	1263.8	1058.3	849.1	673.9	543.4	414.7	300.3
-15°	2245.2	1957.4	1678.6	1422.9	1197.7	1006.4	815.1	652.5	530.9	405.8	295.0
-17.5°	2079.0	1810.8	1558.8	1330.0	1131.6	952.8	779.4	632.8	516.6	396.8	289.6
-20°	1903.8	1660.7	1437.2	1235.2	1061.8	899.2	741.9	609.6	500.5	386.1	282.4



REPORT NUMBER: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1730.4	1512.3	1312.1	1142.3	990.3	843.7	704.3	586.3	482.7	373.6	277.1
-25°	1576.7	1372.9	1201.3	1052.9	920.6	790.1	665.0	563.1	463.0	361.1	269.9
-27.5°	1426.5	1253.1	1092.2	968.9	852.7	738.3	627.4	538.1	443.3	346.8	262.8
-30°	1287.1	1138.7	1006.4	886.7	788.3	691.8	595.3	513.0	421.9	332.5	253.8
-32.5°	1160.2	1040.4	929.6	815.1	727.6	645.3	564.9	488.0	400.4	318.2	244.9
-35°	1042.2	949.2	852.7	756.2	666.8	602.4	532.7	461.2	380.8	302.1	236.0
-37.5°	936.7	861.6	784.8	702.5	625.7	561.3	502.3	434.4	361.1	287.8	227.0
-40°	845.5	784.8	716.8	650.7	586.3	525.6	471.9	407.6	341.4	277.1	218.1
-42.5°	761.5	715.0	659.6	604.2	547.0	493.4	441.5	379.0	321.8	264.6	209.1
-45°	697.2	650.7	606.0	555.9	507.7	461.2	409.4	353.9	303.9	250.3	200.2
-47.5°	636.4	595.3	554.2	513.0	473.7	430.8	379.0	332.5	284.2	237.8	193.1
-50°	582.8	543.4	507.7	471.9	438.0	396.8	348.6	311.0	268.1	225.2	184.1
-52.5°	532.7	498.7	463.0	434.4	405.8	364.7	325.3	289.6	252.1	210.9	175.2
-55°	488.0	455.8	423.7	396.8	370.0	334.3	302.1	271.7	236.0	200.2	166.2
-57.5°	445.1	418.3	387.9	362.9	336.1	307.5	280.7	252.1	219.9	189.5	157.3
-60°	405.8	380.8	353.9	328.9	305.7	282.4	257.4	234.2	205.6	177.0	148.4
-62.5°	366.5	345.0	321.8	296.7	278.9	257.4	237.8	214.5	191.3	166.2	132.3
-65°	330.7	311.0	289.6	268.1	252.1	236.0	218.1	196.6	177.0	153.7	118.0
-67.5°	295.0	277.1	259.2	241.3	227.0	214.5	196.6	180.5	164.5	139.4	103.7
-70°	261.0	246.7	230.6	216.3	205.6	191.3	178.8	164.5	150.2	121.6	87.6
-72.5°	228.8	214.5	202.0	191.3	182.3	169.8	159.1	148.4	128.7	101.9	73.3
-75°	191.3	182.3	175.2	166.2	157.3	148.4	139.4	126.9	107.3	82.2	57.2
-77.5°	157.3	151.9	146.6	139.4	132.3	125.1	114.4	101.9	85.8	64.4	46.5
-80°	128.7	123.3	119.8	112.6	107.3	100.1	89.4	78.7	62.6	50.1	37.5
-82.5°	98.3	94.7	91.2	87.6	82.2	75.1	64.4	55.4	46.5	37.5	28.6
-85°	69.7	67.9	64.4	60.8	55.4	50.1	42.9	37.5	32.2	25.0	19.7
-87.5°	35.8	34.0	32.2	30.4	28.6	25.0	21.5	17.9	16.1	12.5	8.9
-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: P722352
 CATALOG NUMBER: IFLD-M-SA4B-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.2	5.4	1.8	0.0
85°	14.3	8.9	3.6	0.0
82.5°	21.5	14.3	5.4	0.0
80°	28.6	17.9	8.9	0.0
77.5°	35.8	21.5	10.7	0.0
75°	42.9	26.8	12.5	0.0
72.5°	48.3	30.4	14.3	0.0
70°	57.2	35.8	16.1	0.0
67.5°	71.5	39.3	17.9	0.0
65°	84.0	42.9	19.7	0.0
62.5°	98.3	46.5	21.5	0.0
60°	110.8	50.1	23.2	0.0
57.5°	123.3	59.0	25.0	0.0
55°	134.1	66.1	26.8	0.0
52.5°	146.6	73.3	28.6	0.0
50°	157.3	80.4	30.4	0.0
47.5°	166.2	87.6	30.4	0.0
45°	173.4	93.0	32.2	0.0
42.5°	178.8	98.3	34.0	0.0
40°	184.1	103.7	35.8	0.0
37.5°	189.5	109.0	35.8	0.0
35°	194.8	114.4	37.5	0.0
32.5°	200.2	119.8	37.5	0.0
30°	203.8	123.3	39.3	0.0
27.5°	209.1	126.9	39.3	0.0
25°	210.9	130.5	41.1	0.0
22.5°	214.5	132.3	41.1	0.0
20°	218.1	135.9	41.1	0.0
17.5°	219.9	137.6	42.9	0.0
15°	219.9	139.4	44.7	0.0
12.5°	221.7	141.2	44.7	0.0
10°	221.7	144.8	42.9	0.0
7.5°	225.2	143.0	42.9	0.0
5°	223.5	143.0	42.9	0.0
2.5°	221.7	141.2	42.9	0.0
0°	219.9	141.2	42.9	0.0
-2.5°	219.9	141.2	42.9	0.0
-5°	219.9	141.2	42.9	0.0
-7.5°	218.1	143.0	42.9	0.0
-10°	214.5	143.0	42.9	0.0
-12.5°	212.7	137.6	42.9	0.0
-15°	210.9	135.9	42.9	0.0
-17.5°	207.4	134.1	41.1	0.0
-20°	203.8	132.3	41.1	0.0



REPORT NUMBER: P722352
CATALOG NUMBER: IFLD-M-SA4B-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	200.2	128.7	41.1	0.0
-25°	196.6	125.1	39.3	0.0
-27.5°	193.1	121.6	39.3	0.0
-30°	187.7	118.0	37.5	0.0
-32.5°	182.3	114.4	37.5	0.0
-35°	178.8	109.0	35.8	0.0
-37.5°	173.4	103.7	35.8	0.0
-40°	168.0	98.3	34.0	0.0
-42.5°	162.7	93.0	32.2	0.0
-45°	155.5	87.6	32.2	0.0
-47.5°	150.2	82.2	30.4	0.0
-50°	141.2	75.1	28.6	0.0
-52.5°	130.5	67.9	26.8	0.0
-55°	119.8	62.6	25.0	0.0
-57.5°	109.0	55.4	25.0	0.0
-60°	98.3	48.3	23.2	0.0
-62.5°	87.6	44.7	21.5	0.0
-65°	76.9	41.1	19.7	0.0
-67.5°	64.4	35.8	17.9	0.0
-70°	53.6	32.2	16.1	0.0
-72.5°	46.5	28.6	14.3	0.0
-75°	39.3	25.0	12.5	0.0
-77.5°	34.0	21.5	10.7	0.0
-80°	26.8	16.1	7.2	0.0
-82.5°	19.7	12.5	5.4	0.0
-85°	12.5	8.9	3.6	0.0
-87.5°	7.2	3.6	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)