

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: P722121

Luminaire Tested: **IFLD-M-SA4C-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722121
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

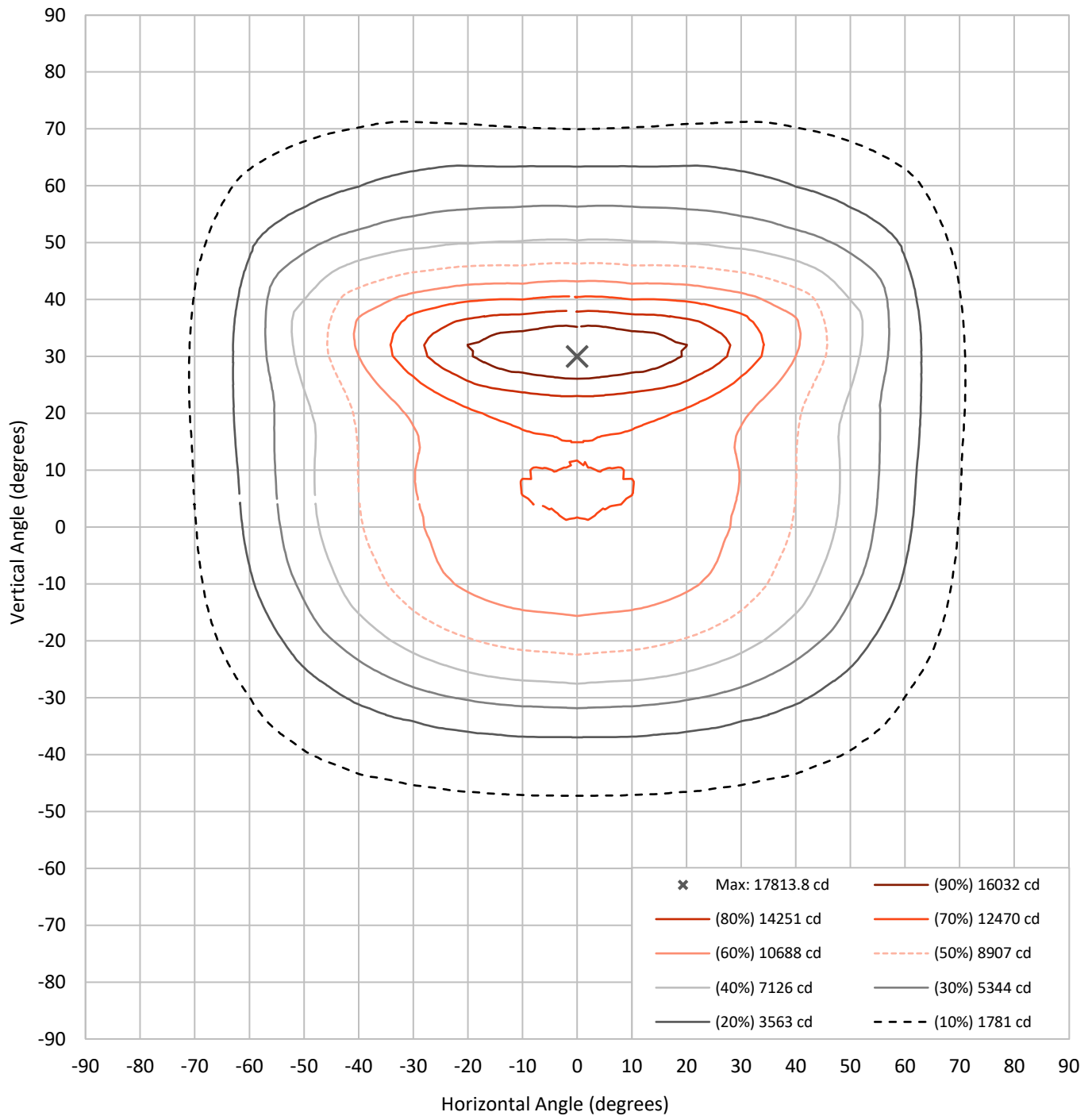
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29735.7 lumens	Max Intensity:	17813.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	136.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	17291.6 lumens	Field Lumens:	27866.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 218.1
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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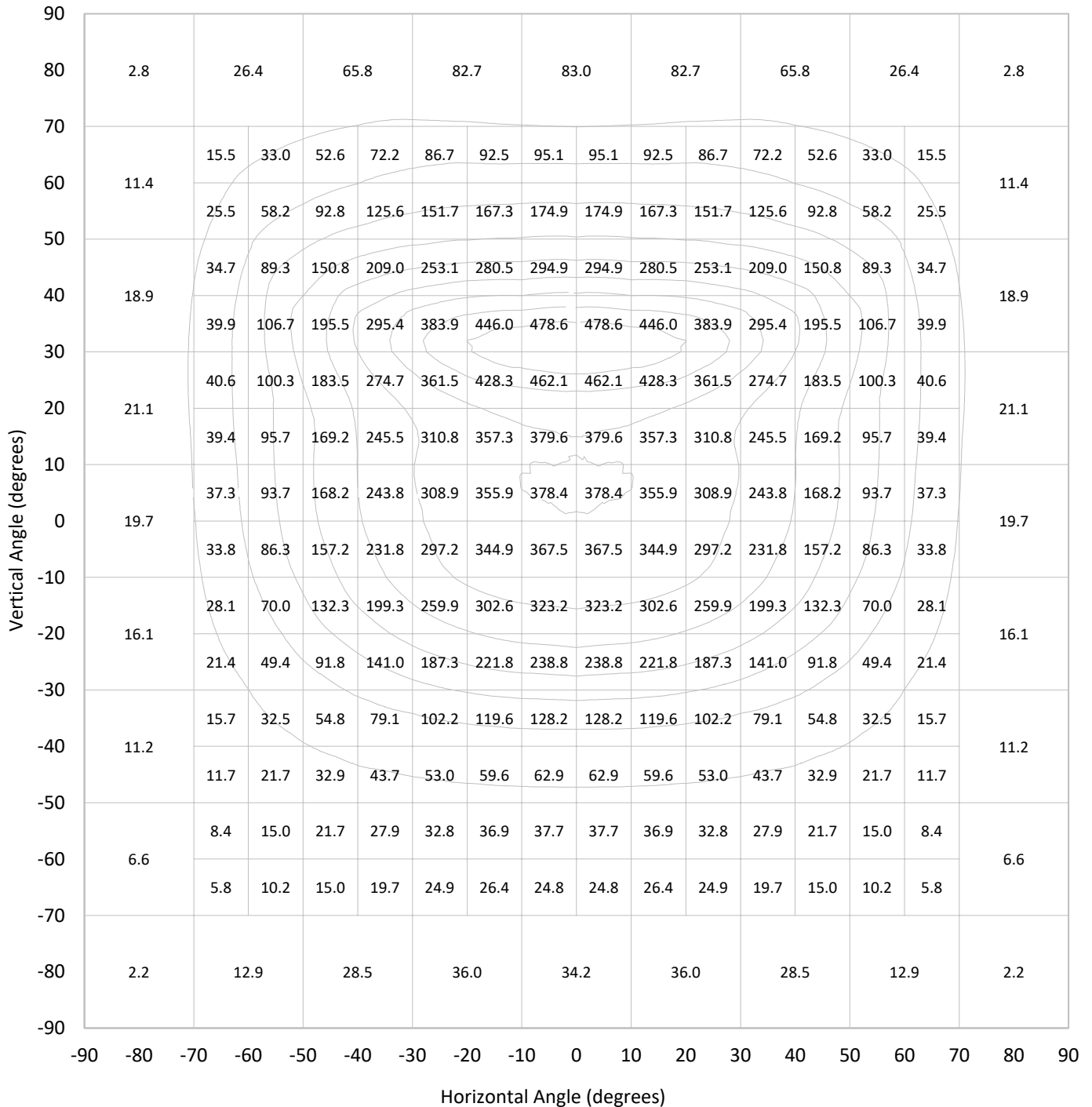
Iso-Candela Plot





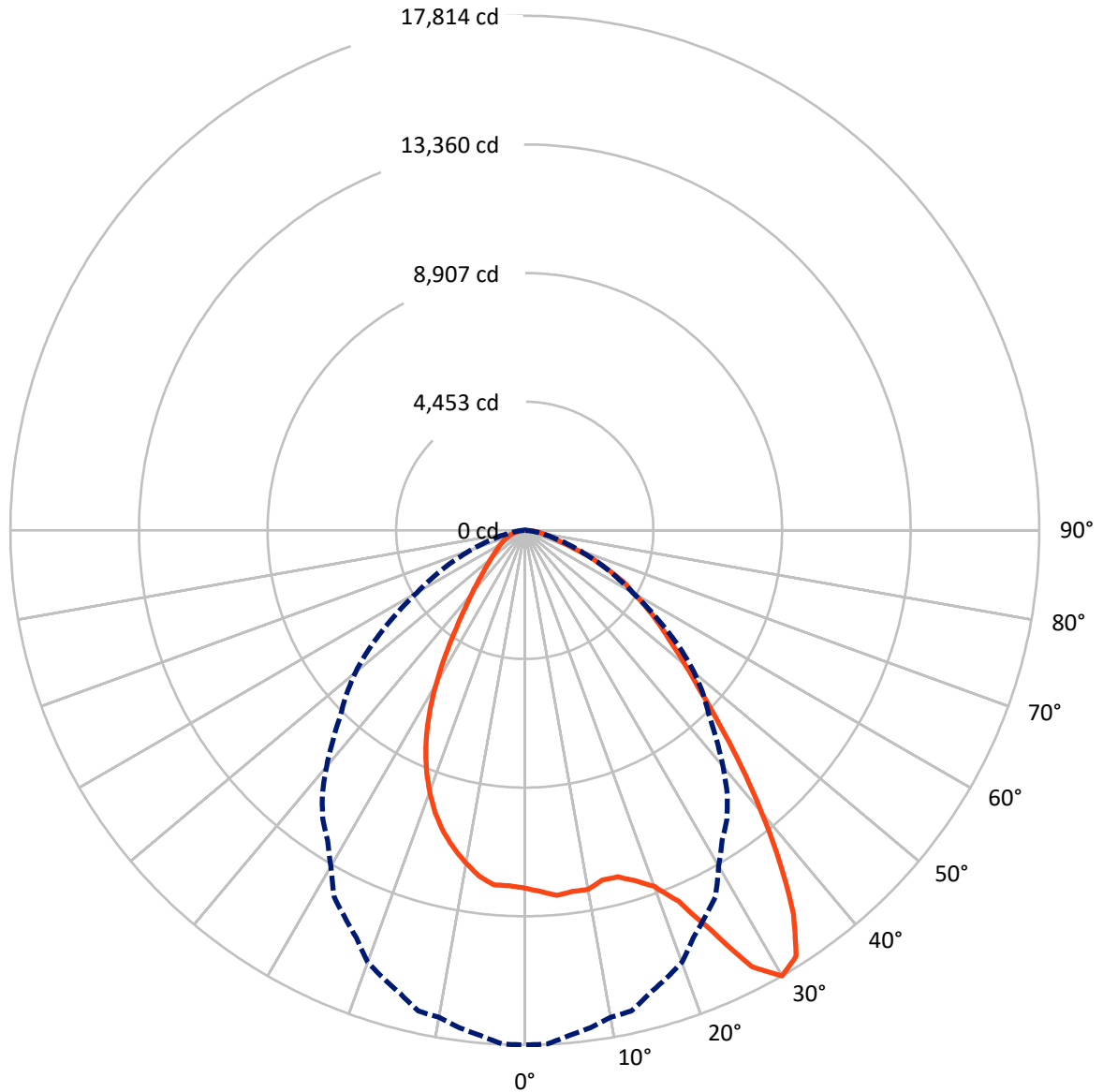
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Lumen Table



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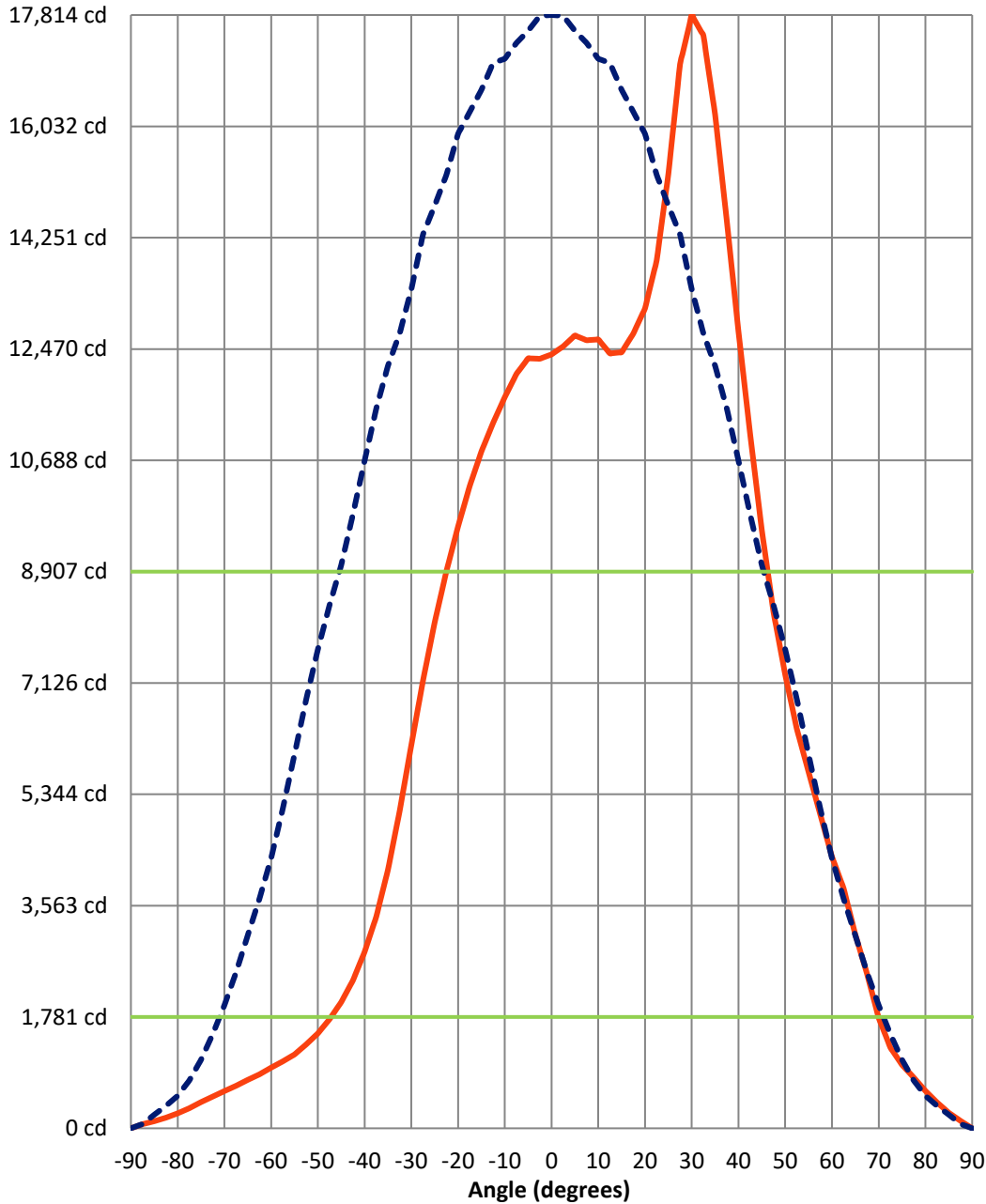
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 17291.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 27866.2
 Efficiency: 93.7%

Spill:
 Lumens: 1869.5
 Efficiency: 6.3%

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



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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°	119.7	122.9	126.0	126.0	122.9	122.9	122.9	119.7	122.9	122.9	122.9
85°	248.9	255.2	261.5	258.3	255.2	248.9	242.6	245.7	248.9	252.0	252.0
82.5°	412.7	422.1	428.4	425.3	419.0	412.7	406.4	409.5	415.8	419.0	419.0
80°	598.5	601.7	604.8	611.1	601.7	601.7	598.5	611.1	617.4	623.7	630.0
77.5°	812.7	815.9	815.9	819.0	822.2	825.3	825.3	847.4	863.1	872.6	882.0
75°	1014.3	1023.8	1033.2	1042.7	1055.3	1061.6	1071.0	1102.5	1127.7	1146.6	1165.5
72.5°	1291.5	1304.1	1319.9	1341.9	1364.0	1379.7	1401.8	1439.6	1467.9	1486.8	1508.9
70°	1767.2	1779.8	1795.6	1811.3	1833.4	1849.1	1871.2	1918.4	1946.8	1959.4	1972.0
67.5°	2472.8	2504.3	2532.7	2501.2	2485.4	2463.4	2469.7	2513.8	2542.1	2561.0	2557.9
65°	3099.7	3121.7	3121.7	3118.6	3106.0	3077.6	3093.4	3146.9	3178.4	3194.2	3146.9
62.5°	3836.8	3836.8	3821.1	3846.3	3849.4	3830.5	3821.1	3824.2	3827.4	3836.8	3758.1
60°	4347.1	4378.6	4388.1	4410.1	4416.4	4416.4	4432.2	4444.8	4444.8	4425.9	4334.5
57.5°	5021.2	5081.1	5093.7	5078.0	5046.5	5005.5	4999.2	4980.3	4942.5	4904.7	4860.6
55°	5701.7	5733.2	5730.0	5720.6	5689.1	5641.8	5648.1	5622.9	5563.1	5515.8	5456.0
52.5°	6385.2	6460.8	6473.4	6454.5	6410.4	6360.0	6363.2	6334.8	6275.0	6224.6	6142.7
50°	7257.8	7320.8	7314.5	7283.0	7220.0	7182.2	7185.4	7131.8	7062.5	7046.8	6939.7
47.5°	8256.4	8328.8	8316.2	8272.1	8187.1	8171.3	8187.1	8117.8	8076.8	8042.2	7916.2
45°	9566.8	9651.9	9604.6	9519.6	9384.1	9399.9	9421.9	9409.3	9321.1	9229.8	9069.1
42.5°	11104.1	11157.6	11100.9	11015.9	10845.8	10877.3	10864.7	10789.1	10735.5	10584.3	10379.6
40°	12748.4	12865.0	12776.8	12644.5	12468.1	12515.3	12480.7	12383.0	12257.0	12068.0	11809.7
37.5°	14521.9	14613.3	14512.5	14358.1	14200.6	14184.9	14115.6	13964.4	13784.8	13576.9	13164.2
35°	16219.8	16456.1	16270.2	16024.5	15832.4	15759.9	15693.8	15344.1	15139.4	14802.3	14238.4
32.5°	17483.0	17656.3	17426.3	17171.2	16938.1	16837.3	16604.1	16188.3	16078.1	15369.3	14852.7
30°	17813.8	17801.2	17561.8	17366.5	17114.5	17045.2	16616.7	16263.9	15911.1	15255.9	14764.5
27.5°	17026.3	16947.5	16717.5	16547.4	16298.6	16216.7	15794.6	15605.6	15060.6	14506.2	14090.4
25°	15271.7	15312.6	15139.4	15054.3	14890.5	14714.1	14547.1	14292.0	13951.8	13466.7	13085.5
22.5°	13888.8	13942.3	13869.9	13769.1	13643.1	13545.4	13419.4	13220.9	12893.3	12594.1	12235.0
20°	13120.1	13104.4	13041.4	12965.8	12846.1	12776.8	12638.2	12471.2	12219.2	11960.9	11573.4
17.5°	12716.9	12619.3	12559.4	12531.1	12468.1	12379.9	12216.1	12046.0	11850.7	11557.7	11274.2
15°	12417.7	12433.4	12386.2	12364.1	12313.7	12190.9	12023.9	11885.3	11620.7	11472.6	11214.3
12.5°	12398.8	12383.0	12386.2	12376.7	12313.7	12156.2	12071.2	11894.8	11724.6	11529.3	11233.2
10°	12622.4	12455.5	12468.1	12512.2	12411.4	12285.4	12194.0	12001.9	11841.2	11592.3	11299.4
7.5°	12609.8	12524.8	12550.0	12477.5	12509.0	12354.7	12228.7	12036.5	11834.9	11570.3	11305.7
5°	12685.4	12556.3	12534.2	12540.5	12461.8	12345.2	12175.1	11992.4	11803.4	11507.3	11236.4
2.5°	12512.2	12531.1	12430.3	12392.5	12383.0	12187.7	12030.2	11853.8	11658.5	11397.0	11154.5
0°	12383.0	12417.7	12313.7	12260.2	12257.0	12090.1	11989.3	11787.7	11649.0	11431.7	11138.7
-2.5°	12313.7	12354.7	12367.3	12269.6	12175.1	12046.0	11875.9	11658.5	11431.7	11179.7	10927.7
-5°	12320.0	12238.1	12203.5	12235.0	12153.1	12023.9	11834.9	11642.7	11419.1	11148.2	10833.2
-7.5°	12071.2	11989.3	11983.0	11967.2	11948.3	11825.5	11667.9	11460.0	11233.2	10981.2	10688.3
-10°	11699.4	11639.6	11623.8	11608.1	11557.7	11485.2	11337.2	11148.2	10943.4	10691.4	10379.6
-12.5°	11286.8	11258.4	11198.6	11157.6	11107.2	11022.2	10880.4	10707.2	10502.4	10278.8	10011.0
-15°	10830.0	10776.5	10716.6	10682.0	10609.5	10508.7	10367.0	10206.3	9982.6	9762.1	9510.1
-17.5°	10278.8	10212.6	10146.5	10137.0	10086.6	9932.2	9799.9	9604.6	9409.3	9198.3	8952.6
-20°	9629.8	9538.5	9494.4	9469.2	9399.9	9286.5	9144.7	8965.2	8776.2	8574.6	8291.0



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8911.6	8832.9	8757.3	8710.0	8650.2	8562.0	8426.5	8269.0	8083.1	7856.3	7594.9
-25°	8095.7	7985.5	7938.2	7884.7	7853.2	7771.3	7639.0	7494.1	7301.9	7081.4	6832.6
-27.5°	7163.3	7075.1	7049.9	6974.3	6936.5	6851.5	6741.2	6605.7	6429.3	6221.4	6016.7
-30°	6133.2	6079.7	6038.7	5963.1	5934.8	5843.4	5771.0	5657.6	5496.9	5348.9	5185.1
-32.5°	5074.8	5021.2	5008.6	4974.0	4955.1	4895.2	4813.3	4731.4	4602.3	4492.0	4359.7
-35°	4136.1	4098.3	4101.4	4098.3	4079.4	4035.3	3934.5	3912.4	3817.9	3717.1	3632.1
-37.5°	3386.4	3389.5	3386.4	3383.2	3358.0	3339.1	3266.6	3238.3	3181.6	3083.9	3033.5
-40°	2822.5	2828.8	2825.6	2819.3	2791.0	2781.5	2734.3	2696.5	2674.4	2605.1	2551.6
-42.5°	2365.7	2375.2	2372.0	2368.9	2350.0	2346.8	2321.6	2277.5	2264.9	2224.0	2167.3
-45°	2019.2	2016.1	2009.8	2016.1	2006.6	1997.2	1981.4	1953.1	1937.3	1918.4	1871.2
-47.5°	1745.2	1748.3	1742.0	1742.0	1729.4	1720.0	1713.7	1694.8	1682.2	1666.4	1638.0
-50°	1518.3	1530.9	1527.8	1524.6	1515.2	1508.9	1508.9	1490.0	1471.1	1464.8	1445.9
-52.5°	1341.9	1351.4	1354.5	1360.8	1364.0	1367.1	1357.7	1338.8	1307.3	1304.1	1294.7
-55°	1181.3	1209.6	1228.5	1241.1	1253.7	1263.2	1244.3	1219.1	1187.6	1175.0	1171.8
-57.5°	1071.0	1099.4	1121.4	1140.3	1156.1	1171.8	1152.9	1127.7	1099.4	1083.6	1080.5
-60°	970.2	995.4	1017.5	1042.7	1064.7	1089.9	1080.5	1061.6	1045.8	1033.2	1020.6
-62.5°	863.1	888.3	913.5	945.0	973.4	998.6	1001.7	998.6	995.4	998.6	976.5
-65°	774.9	787.5	803.3	837.9	869.4	897.8	913.5	923.0	938.7	954.5	932.4
-67.5°	680.4	696.2	715.1	740.3	765.5	784.4	806.4	831.6	856.8	882.0	866.3
-70°	595.4	608.0	623.7	636.3	652.1	664.7	683.6	711.9	740.3	765.5	759.2
-72.5°	507.2	519.8	529.2	535.5	545.0	551.3	560.7	585.9	604.8	617.4	617.4
-75°	419.0	431.6	441.0	444.2	450.5	453.6	459.9	469.4	478.8	482.0	485.1
-77.5°	321.3	333.9	343.4	349.7	356.0	362.3	365.4	371.7	374.9	374.9	378.0
-80°	239.4	248.9	255.2	264.6	267.8	274.1	280.4	283.5	286.7	286.7	289.8
-82.5°	170.1	176.4	182.7	189.0	195.3	198.5	204.8	207.9	211.1	214.2	217.4
-85°	113.4	119.7	126.0	132.3	135.5	138.6	141.8	144.9	148.1	151.2	154.4
-87.5°	66.2	69.3	72.5	78.8	81.9	88.2	91.4	88.2	91.4	91.4	91.4
-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):

	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°	122.9	122.9	122.9	122.9	119.7	113.4	110.3	104.0	97.7	91.4	85.1
85°	255.2	258.3	258.3	258.3	252.0	248.9	239.4	230.0	217.4	198.5	182.7
82.5°	425.3	428.4	428.4	425.3	419.0	409.5	396.9	381.2	356.0	330.8	308.7
80°	639.5	642.6	642.6	639.5	623.7	608.0	592.2	573.3	541.8	507.2	469.4
77.5°	894.6	900.9	900.9	891.5	869.4	850.5	825.3	793.8	746.6	696.2	645.8
75°	1190.7	1206.5	1209.6	1200.2	1171.8	1137.2	1096.2	1042.7	970.2	907.2	847.4
72.5°	1534.1	1549.8	1562.4	1549.8	1508.9	1461.6	1401.8	1338.8	1266.3	1181.3	1080.5
70°	1984.6	2000.3	2009.8	1968.8	1896.4	1817.6	1745.2	1672.7	1587.6	1483.7	1373.4
67.5°	2551.6	2535.8	2516.9	2435.0	2343.7	2249.2	2148.4	2041.3	1931.0	1820.8	1691.6
65°	3096.5	3052.4	3011.5	2913.8	2797.3	2674.4	2557.9	2438.2	2305.9	2167.3	2044.4
62.5°	3669.9	3575.4	3474.6	3354.9	3235.1	3099.7	2983.1	2841.4	2693.3	2523.2	2365.7
60°	4233.7	4120.3	4019.5	3871.5	3714.0	3531.3	3405.3	3266.6	3093.4	2910.7	2724.8
57.5°	4778.7	4655.8	4545.6	4416.4	4246.3	4047.9	3909.3	3729.7	3547.0	3317.0	3128.0
55°	5358.3	5235.5	5147.3	5002.3	4816.5	4633.8	4482.6	4293.6	4038.4	3792.7	3559.6
52.5°	6023.0	5925.3	5830.8	5682.8	5459.1	5273.3	5106.3	4895.2	4627.5	4325.1	4044.7
50°	6766.4	6716.0	6615.2	6441.9	6186.8	6023.0	5802.5	5522.1	5235.5	4917.3	4567.6
47.5°	7752.4	7670.5	7528.7	7339.7	7125.5	6879.8	6583.7	6256.1	5849.7	5496.9	5125.2
45°	8930.5	8779.3	8596.6	8341.4	8076.8	7799.6	7475.2	7059.4	6514.4	6054.5	5663.9
42.5°	10206.3	10001.5	9752.7	9418.8	9075.4	8735.2	8385.6	7818.5	7138.1	6608.9	6167.9
40°	11538.8	11277.3	10965.5	10480.4	10099.2	9661.3	9261.3	8413.9	7689.4	7116.1	6646.7
37.5°	12842.9	12512.2	11989.3	11400.2	10956.0	10596.9	9718.0	8810.8	8161.9	7531.9	7056.2
35°	13841.5	13561.2	12638.2	12027.1	11645.9	11078.9	9979.5	9050.2	8363.5	7840.6	7100.3
32.5°	14433.7	13709.2	12899.6	12282.2	11967.2	11037.9	9998.4	9119.5	8458.0	7872.1	6986.9
30°	14301.4	13425.7	12716.9	12200.3	11516.7	10682.0	9822.0	9012.4	8369.8	7661.0	6860.9
27.5°	13504.5	12827.2	12194.0	11655.3	10984.4	10234.7	9440.8	8728.9	8130.4	7443.7	6687.6
25°	12603.5	11989.3	11519.9	11050.5	10414.2	9699.1	8999.8	8486.4	7884.7	7207.4	6460.8
22.5°	11775.1	11334.0	10965.5	10474.1	9853.5	9229.8	8795.1	8262.7	7645.3	6958.6	6227.7
20°	11245.8	10946.6	10524.5	9982.6	9494.4	9103.8	8621.8	8057.9	7421.6	6703.4	6029.3
17.5°	10990.7	10644.2	10174.8	9822.0	9447.1	9018.7	8480.1	7881.5	7204.3	6586.8	6051.3
15°	10858.4	10493.0	10184.3	9837.7	9415.6	8965.2	8366.6	7746.1	7204.3	6634.1	6067.1
12.5°	10886.7	10571.7	10234.7	9856.6	9403.0	8921.1	8379.3	7802.8	7242.1	6668.7	6070.2
10°	10974.9	10644.2	10285.1	9866.1	9409.3	8933.7	8413.9	7837.4	7261.0	6684.5	6063.9
7.5°	11006.4	10647.3	10263.0	9840.9	9393.6	8927.4	8420.2	7846.9	7264.1	6681.3	6045.0
5°	10908.8	10584.3	10212.6	9787.3	9349.5	8895.9	8395.0	7834.3	7238.9	6649.8	5997.8
2.5°	10776.5	10515.0	10159.1	9749.5	9305.4	8851.8	8354.0	7777.6	7182.2	6593.1	5937.9
0°	10754.4	10430.0	10070.9	9705.4	9232.9	8754.1	8259.5	7670.5	7078.3	6486.0	5834.0
-2.5°	10609.5	10266.2	9907.0	9510.1	9094.3	8612.4	8092.6	7516.1	6930.2	6347.4	5720.6
-5°	10499.3	10118.1	9736.9	9308.5	8889.6	8407.6	7868.9	7308.2	6734.9	6167.9	5563.1
-7.5°	10351.2	9960.6	9560.5	9113.2	8659.6	8168.2	7635.8	7075.1	6511.2	5947.4	5367.8
-10°	10052.0	9708.6	9333.7	8870.7	8391.9	7900.4	7371.2	6820.0	6256.1	5685.9	5103.2
-12.5°	9689.7	9327.4	8917.9	8492.7	8064.2	7607.5	7078.3	6536.4	5969.4	5396.1	4816.5
-15°	9220.3	8864.4	8445.4	8029.6	7616.9	7179.1	6712.9	6224.6	5648.1	5084.3	4504.6
-17.5°	8634.4	8300.5	7925.6	7528.7	7119.2	6678.2	6224.6	5811.9	5273.3	4744.0	4170.7
-20°	8004.4	7692.5	7355.5	6980.6	6571.1	6139.5	5711.1	5279.6	4813.3	4347.1	3814.8



REPORT NUMBER: P722121
 CATALOG NUMBER: IFLD-M-SA4C-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7349.2	7034.2	6693.9	6344.3	5966.3	5566.2	5169.3	4756.6	4347.1	3925.0	3474.6
-25°	6593.1	6315.9	6004.1	5663.9	5326.8	4977.1	4599.1	4224.3	3874.6	3509.2	3140.6
-27.5°	5802.5	5547.3	5263.8	4967.7	4677.9	4384.9	4057.3	3710.8	3421.0	3118.6	2813.0
-30°	4970.8	4766.1	4536.1	4277.8	4054.2	3817.9	3543.9	3257.2	2992.6	2762.6	2516.9
-32.5°	4183.3	4010.1	3846.3	3676.2	3455.7	3272.9	3083.9	2872.9	2639.8	2422.4	2246.0
-35°	3506.1	3320.2	3250.9	3124.9	2967.4	2806.7	2668.1	2516.9	2340.5	2148.4	2003.5
-37.5°	2935.9	2825.6	2728.0	2658.7	2554.7	2425.6	2315.3	2205.1	2069.6	1924.7	1779.8
-40°	2491.7	2416.1	2309.0	2274.4	2208.2	2120.0	2006.6	1921.6	1830.2	1720.0	1597.1
-42.5°	2135.8	2079.1	2009.8	1949.9	1921.6	1858.6	1770.4	1688.5	1616.0	1540.4	1445.9
-45°	1842.8	1805.0	1760.9	1707.4	1685.3	1634.9	1571.9	1480.5	1439.6	1376.6	1307.3
-47.5°	1606.5	1587.6	1556.1	1521.5	1490.0	1452.2	1395.5	1338.8	1282.1	1241.1	1187.6
-50°	1420.7	1408.1	1389.2	1360.8	1319.9	1294.7	1256.9	1206.5	1152.9	1118.3	1080.5
-52.5°	1272.6	1260.0	1247.4	1225.4	1193.9	1168.7	1137.2	1096.2	1052.1	1017.5	986.0
-55°	1159.2	1140.3	1130.9	1112.0	1086.8	1058.4	1030.1	1001.7	963.9	932.4	900.9
-57.5°	1071.0	1045.8	1033.2	1017.5	992.3	963.9	941.9	913.5	888.3	853.7	825.3
-60°	1001.7	973.4	948.2	932.4	910.4	882.0	860.0	837.9	812.7	784.4	749.7
-62.5°	945.0	910.4	875.7	856.8	834.8	809.6	787.5	765.5	740.3	711.9	680.4
-65°	891.5	850.5	806.4	787.5	765.5	740.3	711.9	696.2	674.1	648.9	617.4
-67.5°	825.3	781.2	743.4	721.4	699.3	677.3	652.1	636.3	614.3	582.8	551.3
-70°	727.7	699.3	674.1	655.2	636.3	617.4	592.2	567.0	541.8	513.5	485.1
-72.5°	604.8	595.4	592.2	582.8	560.7	538.7	513.5	488.3	466.2	444.2	422.1
-75°	488.3	494.6	500.9	497.7	475.7	453.6	431.6	409.5	393.8	374.9	356.0
-77.5°	387.5	393.8	400.1	400.1	384.3	371.7	356.0	340.2	327.6	311.9	293.0
-80°	299.3	308.7	318.2	324.5	311.9	302.4	289.8	277.2	264.6	252.0	239.4
-82.5°	226.8	236.3	245.7	252.0	242.6	236.3	226.8	217.4	207.9	195.3	185.9
-85°	163.8	170.1	176.4	179.6	173.3	167.0	160.7	154.4	148.1	138.6	132.3
-87.5°	94.5	97.7	100.8	104.0	97.7	91.4	88.2	81.9	78.8	72.5	69.3
-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):

	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°	78.8	72.5	66.2	63.0	56.7	47.3	41.0	34.7	28.4	22.1	18.9
85°	167.0	151.2	132.3	122.9	110.3	97.7	85.1	72.5	59.9	47.3	34.7
82.5°	286.7	267.8	248.9	226.8	198.5	163.8	129.2	107.1	88.2	69.3	53.6
80°	431.6	396.9	365.4	337.1	305.6	261.5	214.2	170.1	119.7	91.4	69.3
77.5°	598.5	557.6	513.5	466.2	415.8	356.0	302.4	245.7	185.9	126.0	88.2
75°	787.5	734.0	674.1	608.0	541.8	463.1	387.5	321.3	252.0	176.4	107.1
72.5°	998.6	932.4	860.0	771.8	667.8	576.5	485.1	396.9	315.0	223.7	144.9
70°	1269.5	1165.5	1058.4	963.9	831.6	686.7	579.6	478.8	374.9	274.1	182.7
67.5°	1559.3	1433.3	1304.1	1165.5	998.6	828.5	674.1	560.7	437.9	321.3	217.4
65°	1874.3	1716.8	1553.0	1398.6	1168.7	967.1	793.8	639.5	497.7	365.4	252.0
62.5°	2198.8	2012.9	1823.9	1622.3	1357.7	1108.8	907.2	727.7	554.4	406.4	283.5
60°	2545.3	2327.9	2098.0	1846.0	1537.2	1263.2	1014.3	819.0	614.3	447.3	318.2
57.5°	2910.7	2674.4	2403.5	2063.3	1723.1	1411.2	1137.2	900.9	667.8	485.1	343.4
55°	3307.6	3036.7	2740.6	2290.1	1905.8	1559.3	1260.0	982.8	724.5	516.6	368.6
52.5°	3736.0	3421.0	3046.1	2529.5	2098.0	1710.5	1373.4	1055.3	778.1	551.3	390.6
50°	4214.8	3817.9	3313.9	2750.0	2264.9	1852.3	1486.8	1134.0	822.2	589.1	409.5
47.5°	4712.5	4284.1	3553.3	2954.8	2435.0	1990.9	1603.4	1203.3	866.3	620.6	428.4
45°	5232.3	4608.6	3802.2	3137.5	2583.1	2116.9	1691.6	1266.3	919.8	648.9	444.2
42.5°	5745.8	4854.3	4019.5	3320.2	2721.7	2230.3	1764.1	1326.2	963.9	677.3	459.9
40°	5988.3	5040.2	4192.8	3446.2	2838.2	2331.1	1827.1	1379.7	1001.7	696.2	475.7
37.5°	6089.1	5153.6	4306.2	3565.9	2929.6	2384.6	1880.6	1427.0	1033.2	715.1	488.3
35°	6111.2	5194.5	4362.9	3647.8	3005.2	2435.0	1921.6	1461.6	1058.4	734.0	500.9
32.5°	6070.2	5181.9	4378.6	3676.2	3052.4	2472.8	1949.9	1486.8	1077.3	752.9	513.5
30°	5978.9	5115.8	4321.9	3673.0	3087.1	2494.9	1968.8	1505.7	1096.2	765.5	519.8
27.5°	5830.8	4999.2	4249.5	3676.2	3106.0	2504.3	1978.3	1515.2	1108.8	774.9	532.4
25°	5648.1	4841.7	4252.6	3669.9	3109.1	2507.5	1978.3	1515.2	1112.0	778.1	541.8
22.5°	5437.1	4841.7	4252.6	3660.4	3090.2	2501.2	1968.8	1508.9	1112.0	784.4	551.3
20°	5449.7	4844.8	4243.2	3641.5	3061.9	2482.3	1946.8	1493.1	1102.5	793.8	557.6
17.5°	5459.1	4838.5	4224.3	3616.3	3024.1	2450.8	1918.4	1471.1	1102.5	803.3	560.7
15°	5459.1	4819.6	4195.9	3578.5	2976.8	2406.7	1877.5	1452.2	1105.7	806.4	567.0
12.5°	5449.7	4785.0	4151.8	3528.1	2920.1	2353.1	1852.3	1445.9	1105.7	809.6	567.0
10°	5430.8	4737.7	4095.1	3465.1	2866.6	2334.2	1839.7	1433.3	1099.4	809.6	567.0
7.5°	5396.1	4681.0	4047.9	3427.3	2835.1	2312.2	1820.8	1414.4	1089.9	803.3	573.3
5°	5342.6	4649.5	4010.1	3383.2	2791.0	2296.4	1808.2	1398.6	1083.6	803.3	567.0
2.5°	5273.3	4611.7	3966.0	3326.5	2740.6	2242.9	1767.2	1364.0	1061.6	790.7	560.7
0°	5159.9	4536.1	3890.4	3247.7	2671.3	2189.3	1726.3	1329.3	1039.5	778.1	554.4
-2.5°	5055.9	4435.3	3792.7	3165.8	2605.1	2142.1	1694.8	1310.4	1030.1	774.9	551.3
-5°	4911.0	4296.7	3663.6	3058.7	2516.9	2094.8	1663.2	1288.4	1020.6	768.6	551.3
-7.5°	4750.3	4151.8	3528.1	2948.5	2428.7	2012.9	1603.4	1253.7	998.6	756.0	548.1
-10°	4501.5	3934.5	3358.0	2822.5	2334.2	1940.5	1553.0	1222.2	979.7	743.4	535.5
-12.5°	4236.9	3695.1	3162.7	2668.1	2227.1	1864.9	1496.3	1187.6	957.6	730.8	529.2
-15°	3956.5	3449.4	2957.9	2507.5	2110.6	1773.5	1436.4	1149.8	935.6	715.1	519.8
-17.5°	3663.6	3191.0	2746.9	2343.7	1994.0	1679.0	1373.4	1115.1	910.4	699.3	510.3
-20°	3354.9	2926.4	2532.7	2176.7	1871.2	1584.5	1307.3	1074.2	882.0	680.4	497.7



REPORT NUMBER: P722121
 CATALOG NUMBER: IFLD-M-SA4C-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3049.3	2665.0	2312.2	2012.9	1745.2	1486.8	1241.1	1033.2	850.5	658.4	488.3
-25°	2778.4	2419.3	2116.9	1855.4	1622.3	1392.3	1171.8	992.3	815.9	636.3	475.7
-27.5°	2513.8	2208.2	1924.7	1707.4	1502.6	1301.0	1105.7	948.2	781.2	611.1	463.1
-30°	2268.1	2006.6	1773.5	1562.4	1389.2	1219.1	1049.0	904.1	743.4	585.9	447.3
-32.5°	2044.4	1833.4	1638.0	1436.4	1282.1	1137.2	995.4	860.0	705.6	560.7	431.6
-35°	1836.5	1672.7	1502.6	1332.5	1175.0	1061.6	938.7	812.7	671.0	532.4	415.8
-37.5°	1650.6	1518.3	1382.9	1238.0	1102.5	989.1	885.2	765.5	636.3	507.2	400.1
-40°	1490.0	1382.9	1263.2	1146.6	1033.2	926.1	831.6	718.2	601.7	488.3	384.3
-42.5°	1341.9	1260.0	1162.4	1064.7	963.9	869.4	778.1	667.8	567.0	466.2	368.6
-45°	1228.5	1146.6	1067.9	979.7	894.6	812.7	721.4	623.7	535.5	441.0	352.8
-47.5°	1121.4	1049.0	976.5	904.1	834.8	759.2	667.8	585.9	500.9	419.0	340.2
-50°	1026.9	957.6	894.6	831.6	771.8	699.3	614.3	548.1	472.5	396.9	324.5
-52.5°	938.7	878.9	815.9	765.5	715.1	642.6	573.3	510.3	444.2	371.7	308.7
-55°	860.0	803.3	746.6	699.3	652.1	589.1	532.4	478.8	415.8	352.8	293.0
-57.5°	784.4	737.1	683.6	639.5	592.2	541.8	494.6	444.2	387.5	333.9	277.2
-60°	715.1	671.0	623.7	579.6	538.7	497.7	453.6	412.7	362.3	311.9	261.5
-62.5°	645.8	608.0	567.0	522.9	491.4	453.6	419.0	378.0	337.1	293.0	233.1
-65°	582.8	548.1	510.3	472.5	444.2	415.8	384.3	346.5	311.9	270.9	207.9
-67.5°	519.8	488.3	456.8	425.3	400.1	378.0	346.5	318.2	289.8	245.7	182.7
-70°	459.9	434.7	406.4	381.2	362.3	337.1	315.0	289.8	264.6	214.2	154.4
-72.5°	403.2	378.0	356.0	337.1	321.3	299.3	280.4	261.5	226.8	179.6	129.2
-75°	337.1	321.3	308.7	293.0	277.2	261.5	245.7	223.7	189.0	144.9	100.8
-77.5°	277.2	267.8	258.3	245.7	233.1	220.5	201.6	179.6	151.2	113.4	81.9
-80°	226.8	217.4	211.1	198.5	189.0	176.4	157.5	138.6	110.3	88.2	66.2
-82.5°	173.3	167.0	160.7	154.4	144.9	132.3	113.4	97.7	81.9	66.2	50.4
-85°	122.9	119.7	113.4	107.1	97.7	88.2	75.6	66.2	56.7	44.1	34.7
-87.5°	63.0	59.9	56.7	53.6	50.4	44.1	37.8	31.5	28.4	22.1	15.8
-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: P722121
 CATALOG NUMBER: IFLD-M-SA4C-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.6	9.5	3.2	0.0
85°	25.2	15.8	6.3	0.0
82.5°	37.8	25.2	9.5	0.0
80°	50.4	31.5	15.8	0.0
77.5°	63.0	37.8	18.9	0.0
75°	75.6	47.3	22.1	0.0
72.5°	85.1	53.6	25.2	0.0
70°	100.8	63.0	28.4	0.0
67.5°	126.0	69.3	31.5	0.0
65°	148.1	75.6	34.7	0.0
62.5°	173.3	81.9	37.8	0.0
60°	195.3	88.2	41.0	0.0
57.5°	217.4	104.0	44.1	0.0
55°	236.3	116.6	47.3	0.0
52.5°	258.3	129.2	50.4	0.0
50°	277.2	141.8	53.6	0.0
47.5°	293.0	154.4	53.6	0.0
45°	305.6	163.8	56.7	0.0
42.5°	315.0	173.3	59.9	0.0
40°	324.5	182.7	63.0	0.0
37.5°	333.9	192.2	63.0	0.0
35°	343.4	201.6	66.2	0.0
32.5°	352.8	211.1	66.2	0.0
30°	359.1	217.4	69.3	0.0
27.5°	368.6	223.7	69.3	0.0
25°	371.7	230.0	72.5	0.0
22.5°	378.0	233.1	72.5	0.0
20°	384.3	239.4	72.5	0.0
17.5°	387.5	242.6	75.6	0.0
15°	387.5	245.7	78.8	0.0
12.5°	390.6	248.9	78.8	0.0
10°	390.6	255.2	75.6	0.0
7.5°	396.9	252.0	75.6	0.0
5°	393.8	252.0	75.6	0.0
2.5°	390.6	248.9	75.6	0.0
0°	387.5	248.9	75.6	0.0
-2.5°	387.5	248.9	75.6	0.0
-5°	387.5	248.9	75.6	0.0
-7.5°	384.3	252.0	75.6	0.0
-10°	378.0	252.0	75.6	0.0
-12.5°	374.9	242.6	75.6	0.0
-15°	371.7	239.4	75.6	0.0
-17.5°	365.4	236.3	72.5	0.0
-20°	359.1	233.1	72.5	0.0



REPORT NUMBER: P722121
 CATALOG NUMBER: IFLD-M-SA4C-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	352.8	226.8	72.5	0.0
-25°	346.5	220.5	69.3	0.0
-27.5°	340.2	214.2	69.3	0.0
-30°	330.8	207.9	66.2	0.0
-32.5°	321.3	201.6	66.2	0.0
-35°	315.0	192.2	63.0	0.0
-37.5°	305.6	182.7	63.0	0.0
-40°	296.1	173.3	59.9	0.0
-42.5°	286.7	163.8	56.7	0.0
-45°	274.1	154.4	56.7	0.0
-47.5°	264.6	144.9	53.6	0.0
-50°	248.9	132.3	50.4	0.0
-52.5°	230.0	119.7	47.3	0.0
-55°	211.1	110.3	44.1	0.0
-57.5°	192.2	97.7	44.1	0.0
-60°	173.3	85.1	41.0	0.0
-62.5°	154.4	78.8	37.8	0.0
-65°	135.5	72.5	34.7	0.0
-67.5°	113.4	63.0	31.5	0.0
-70°	94.5	56.7	28.4	0.0
-72.5°	81.9	50.4	25.2	0.0
-75°	69.3	44.1	22.1	0.0
-77.5°	59.9	37.8	18.9	0.0
-80°	47.3	28.4	12.6	0.0
-82.5°	34.7	22.1	9.5	0.0
-85°	22.1	15.8	6.3	0.0
-87.5°	12.6	6.3	3.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)