

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: P722272

Luminaire Tested: **IFLD-L-SA7D-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722272
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

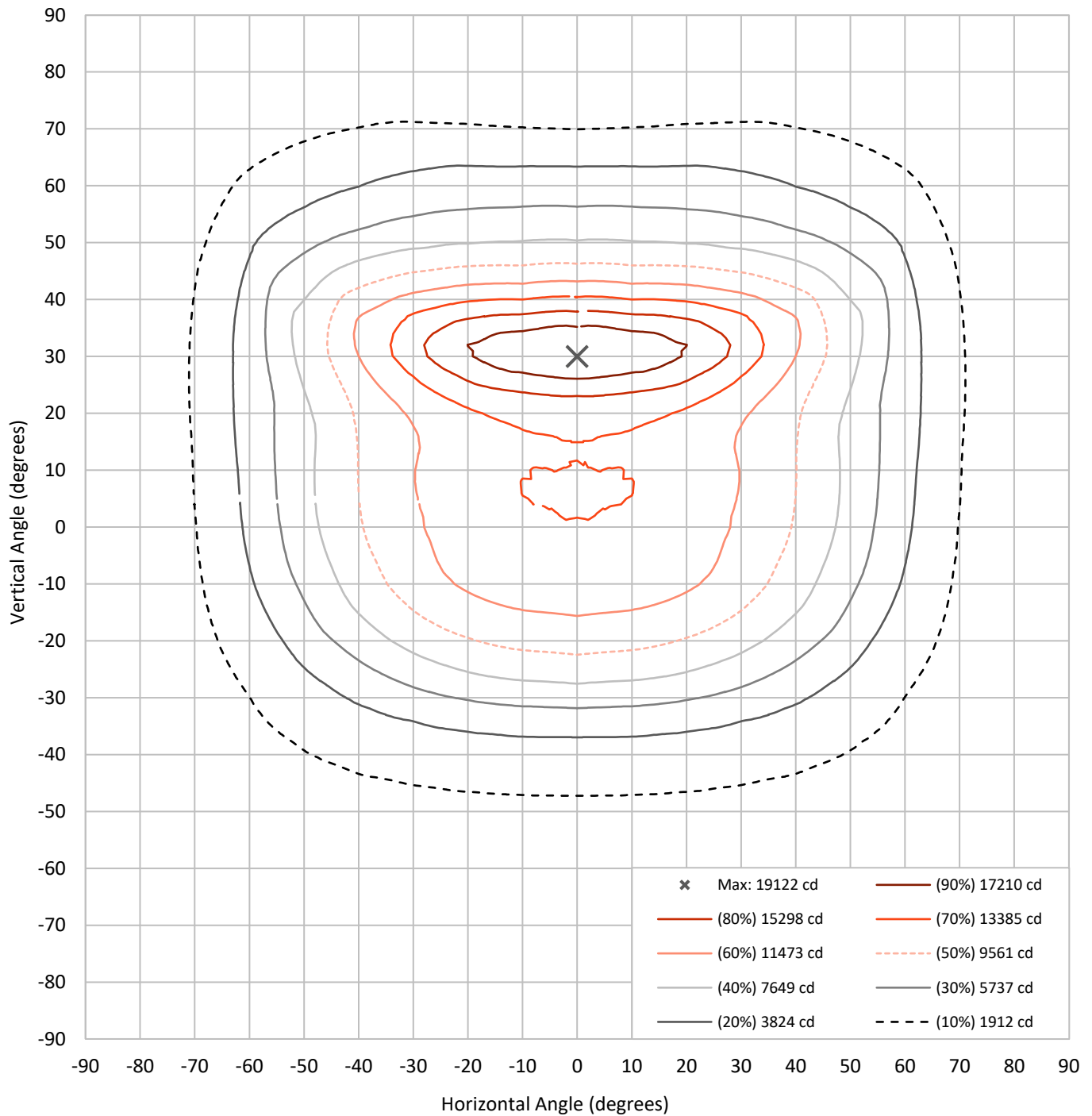
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31919.5 lumens	Max Intensity:	19122 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	18561.5 lumens	Field Lumens:	29912.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	422.6		
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		



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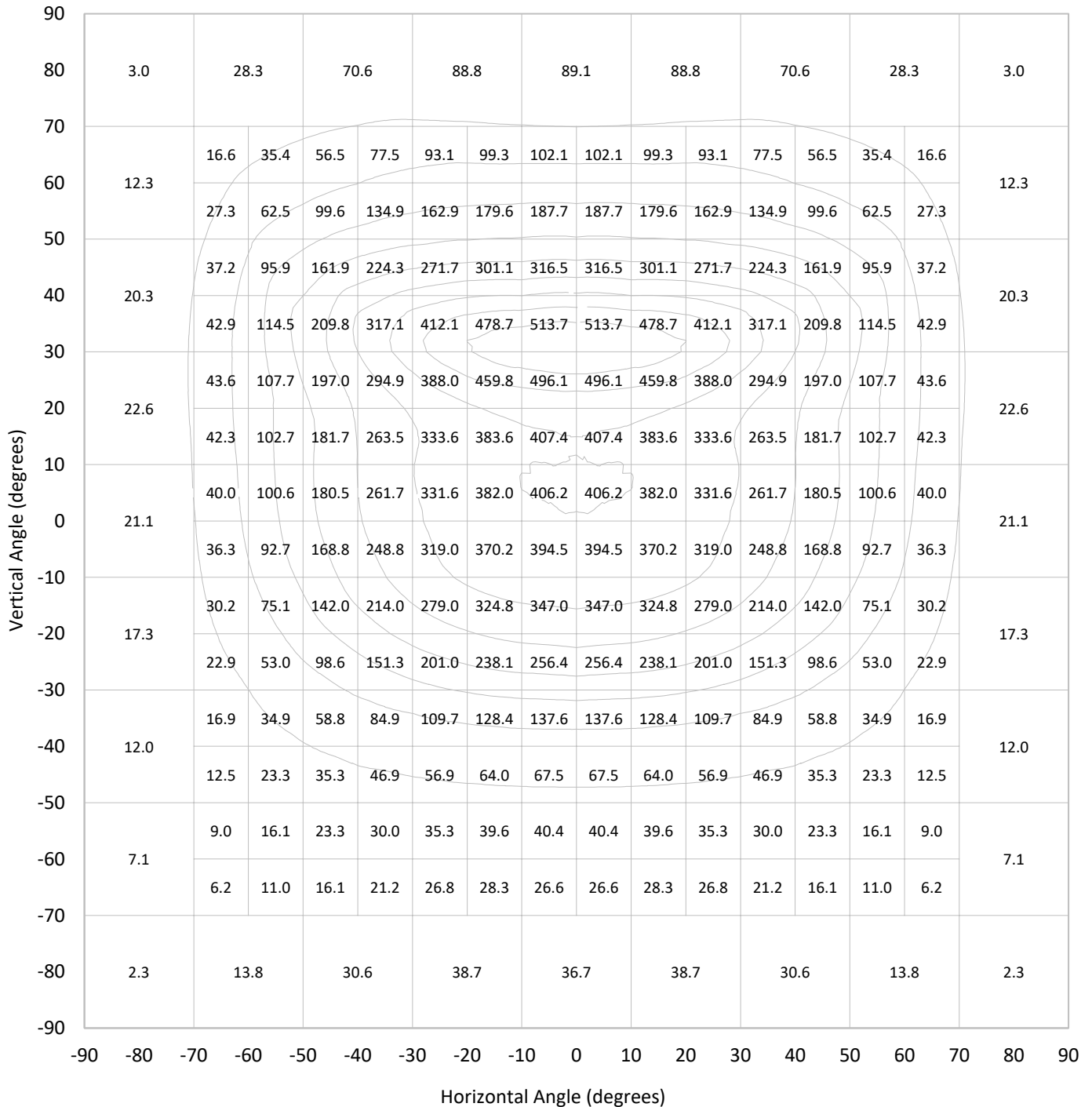
Iso-Candela Plot





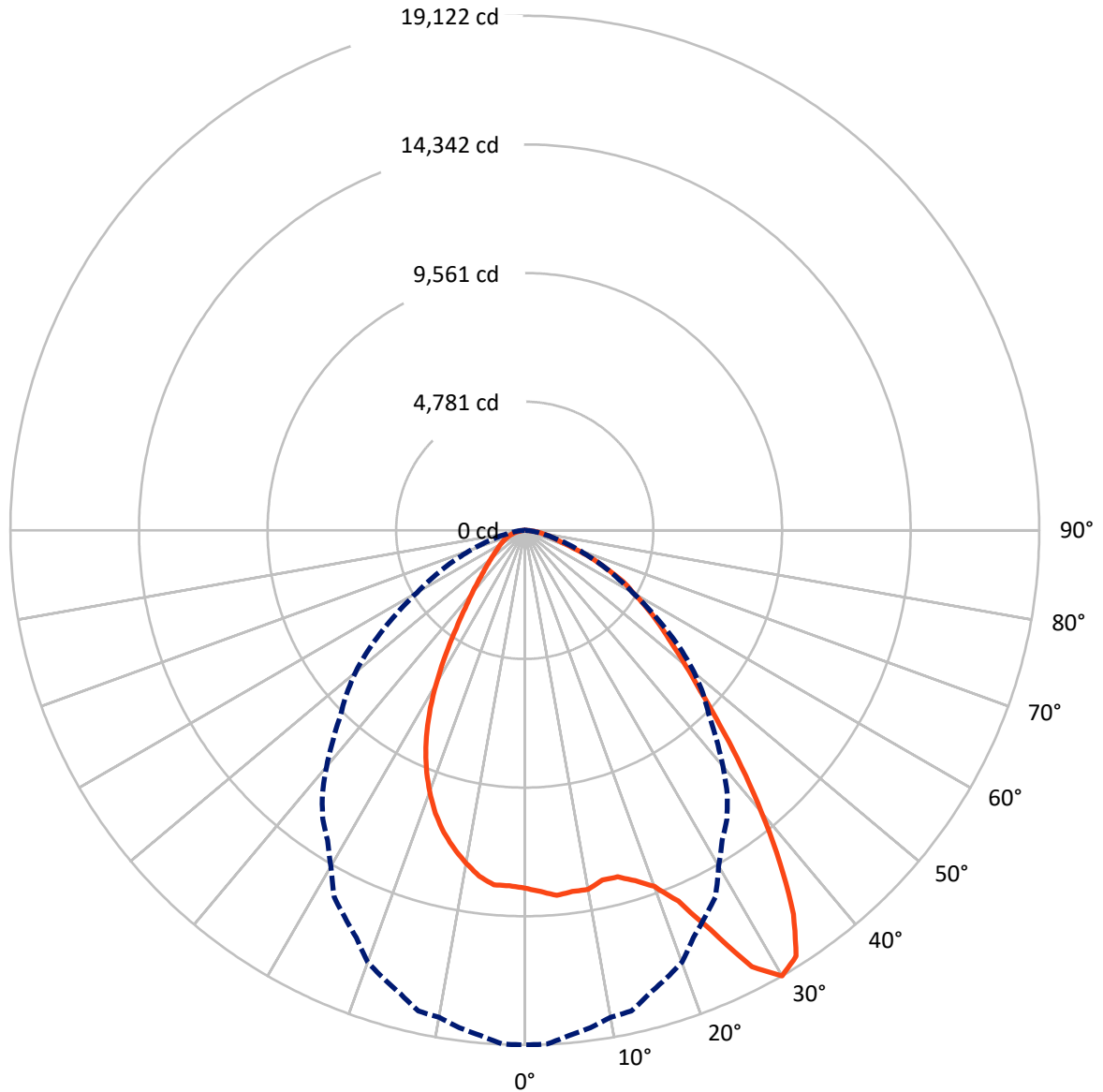
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Lumen Table



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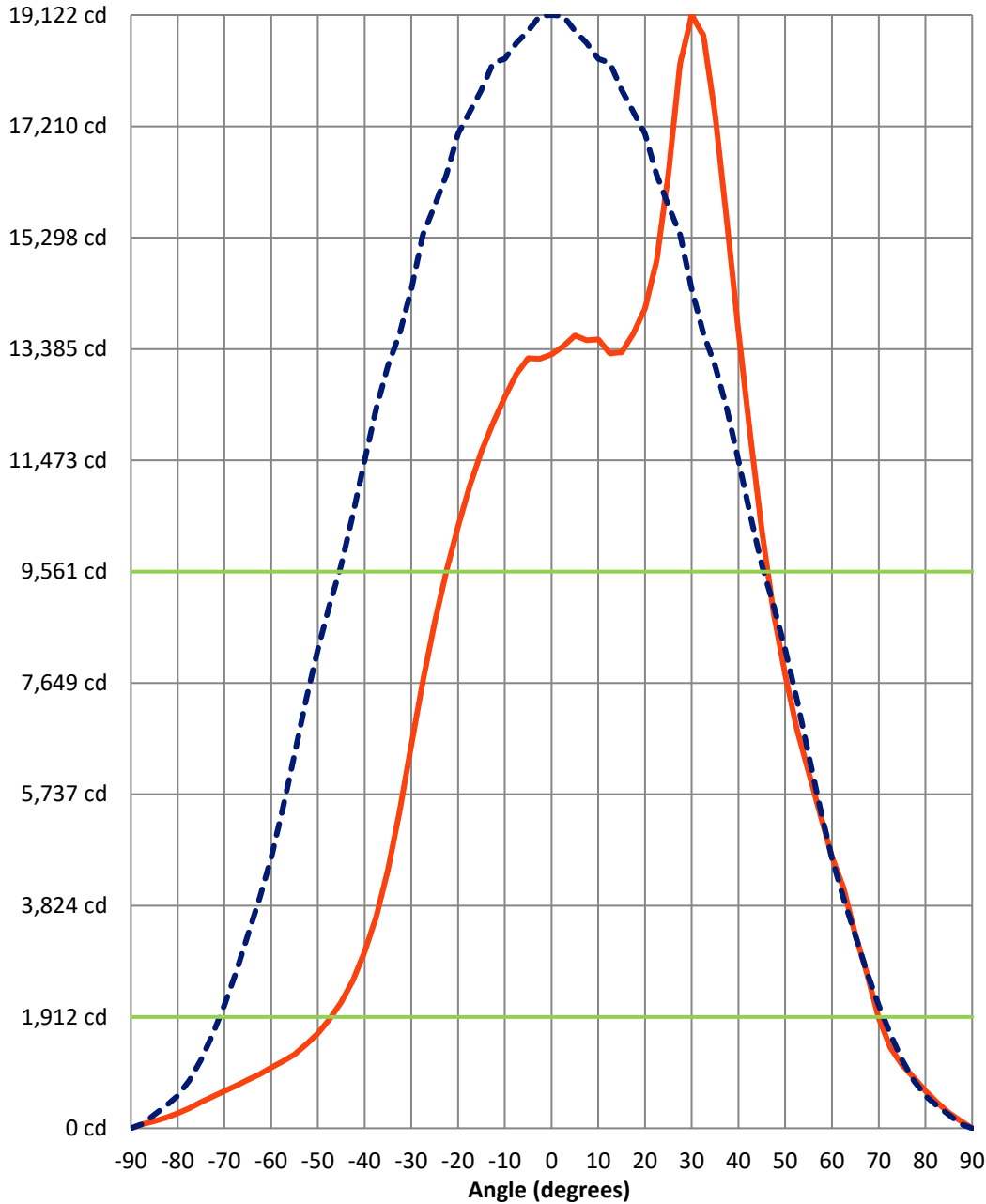
Luminous Intensity Polar Plot



— 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: 18561.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29912.7
 Efficiency: 93.7%

Spill:
 Lumens: 2006.8
 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°	128.5	131.9	135.3	135.3	131.9	131.9	131.9	128.5	131.9	131.9	131.9
85°	267.1	273.9	280.7	277.3	273.9	267.1	260.4	263.8	267.1	270.5	270.5
82.5°	443.0	453.1	459.9	456.5	449.7	443.0	436.2	439.6	446.3	449.7	449.7
80°	642.5	645.9	649.2	656.0	645.9	645.9	642.5	656.0	662.8	669.5	676.3
77.5°	872.4	875.8	875.8	879.2	882.6	885.9	885.9	909.6	926.5	936.7	946.8
75°	1088.8	1099.0	1109.1	1119.3	1132.8	1139.5	1149.7	1183.5	1210.6	1230.8	1251.1
72.5°	1386.4	1399.9	1416.8	1440.5	1464.2	1481.1	1504.7	1545.3	1575.7	1596.0	1619.7
70°	1897.0	1910.5	1927.4	1944.3	1968.0	1984.9	2008.6	2059.3	2089.7	2103.3	2116.8
67.5°	2654.4	2688.2	2718.7	2684.9	2668.0	2644.3	2651.0	2698.4	2728.8	2749.1	2745.7
65°	3327.3	3351.0	3351.0	3347.6	3334.1	3303.7	3320.6	3378.1	3411.9	3428.8	3378.1
62.5°	4118.6	4118.6	4101.7	4128.7	4132.1	4111.8	4101.7	4105.1	4108.4	4118.6	4034.1
60°	4666.4	4700.2	4710.3	4734.0	4740.8	4740.8	4757.7	4771.2	4771.2	4750.9	4652.9
57.5°	5390.0	5454.3	5467.8	5450.9	5417.1	5373.1	5366.3	5346.1	5305.5	5264.9	5217.6
55°	6120.4	6154.2	6150.8	6140.7	6106.9	6056.2	6062.9	6035.9	5971.6	5920.9	5856.6
52.5°	6854.2	6935.3	6948.9	6928.6	6881.2	6827.1	6830.5	6800.1	6735.8	6681.7	6593.8
50°	7790.8	7858.5	7851.7	7817.9	7750.3	7709.7	7713.1	7655.6	7581.2	7564.3	7449.3
47.5°	8862.7	8940.5	8927.0	8879.7	8788.4	8771.4	8788.4	8714.0	8670.0	8632.8	8497.6
45°	10269.4	10360.7	10310.0	10218.7	10073.3	10090.2	10113.9	10100.4	10005.7	9907.6	9735.2
42.5°	11919.6	11977.0	11916.2	11824.9	11642.3	11676.1	11662.6	11581.4	11523.9	11361.6	11141.8
40°	13684.7	13809.8	13715.1	13573.1	13383.7	13434.4	13397.3	13292.4	13157.2	12954.3	12677.0
37.5°	15588.4	15686.5	15578.3	15412.6	15243.5	15226.6	15152.2	14989.9	14797.2	14574.0	14131.0
35°	17411.0	17664.6	17465.1	17201.4	16995.1	16917.3	16846.3	16471.0	16251.2	15889.4	15284.1
32.5°	18767.0	18953.0	18706.1	18432.2	18182.0	18073.8	17823.6	17377.2	17258.9	16498.0	15943.5
30°	19122.0	19108.5	18851.5	18641.9	18371.3	18297.0	17837.1	17458.4	17079.6	16376.3	15848.8
27.5°	18276.7	18192.1	17945.3	17762.7	17495.6	17407.6	16954.5	16751.6	16166.6	15571.5	15125.2
25°	16393.2	16437.2	16251.2	16159.9	15984.1	15794.7	15615.5	15341.6	14976.4	14455.6	14046.5
22.5°	14908.8	14966.2	14888.5	14780.3	14645.0	14540.2	14404.9	14191.9	13840.2	13519.0	13133.5
20°	14083.7	14066.8	13999.1	13918.0	13789.5	13715.1	13566.3	13387.1	13116.6	12839.3	12423.4
17.5°	13650.9	13546.0	13481.8	13451.4	13383.7	13289.0	13113.2	12930.6	12721.0	12406.5	12102.2
15°	13329.6	13346.5	13295.8	13272.1	13218.0	13086.2	12906.9	12758.2	12474.1	12315.2	12037.9
12.5°	13309.3	13292.4	13295.8	13285.7	13218.0	13049.0	12957.7	12768.3	12585.7	12376.1	12058.2
10°	13549.4	13370.2	13383.7	13431.1	13322.9	13187.6	13089.5	12883.3	12710.8	12443.7	12129.2
7.5°	13535.9	13444.6	13471.6	13393.9	13427.7	13262.0	13126.7	12920.5	12704.1	12420.0	12136.0
5°	13617.0	13478.4	13454.7	13461.5	13377.0	13251.9	13069.3	12873.1	12670.2	12352.4	12061.6
2.5°	13431.1	13451.4	13343.2	13302.6	13292.4	13082.8	12913.7	12724.3	12514.7	12234.0	11973.7
0°	13292.4	13329.6	13218.0	13160.6	13157.2	12978.0	12869.7	12653.3	12504.6	12271.2	11956.8
-2.5°	13218.0	13262.0	13275.5	13170.7	13069.3	12930.6	12748.0	12514.7	12271.2	12000.7	11730.2
-5°	13224.8	13136.9	13099.7	13133.5	13045.6	12906.9	12704.1	12497.8	12257.7	11966.9	11628.8
-7.5°	12957.7	12869.7	12863.0	12846.1	12825.8	12693.9	12524.8	12301.7	12058.2	11787.7	11473.2
-10°	12558.7	12494.4	12477.5	12460.6	12406.5	12328.7	12169.8	11966.9	11747.1	11476.6	11141.8
-12.5°	12115.7	12085.3	12021.0	11977.0	11922.9	11831.6	11679.5	11493.5	11273.7	11033.6	10746.2
-15°	11625.4	11567.9	11503.6	11466.5	11388.7	11280.5	11128.3	10955.9	10715.8	10479.1	10208.6
-17.5°	11033.6	10962.6	10891.6	10881.5	10827.4	10661.7	10519.7	10310.0	10100.4	9873.8	9610.0
-20°	10337.1	10239.0	10191.7	10164.6	10090.2	9968.5	9816.3	9623.6	9420.7	9204.3	8899.9



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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°	9566.1	9481.5	9400.4	9349.7	9285.4	9190.7	9045.3	8876.3	8676.8	8433.3	8152.6
-25°	8690.3	8571.9	8521.2	8463.7	8429.9	8342.0	8200.0	8044.4	7838.2	7601.5	7334.3
-27.5°	7689.4	7594.7	7567.7	7486.5	7445.9	7354.6	7236.3	7090.9	6901.5	6678.3	6458.5
-30°	6583.7	6526.2	6482.2	6401.1	6370.6	6272.6	6194.8	6073.1	5900.6	5741.7	5565.8
-32.5°	5447.5	5390.0	5376.5	5339.3	5319.0	5254.8	5166.8	5078.9	4940.3	4821.9	4679.9
-35°	4439.8	4399.2	4402.6	4399.2	4379.0	4331.6	4223.4	4199.7	4098.3	3990.1	3898.8
-37.5°	3635.0	3638.4	3635.0	3631.7	3604.6	3584.3	3506.6	3476.1	3415.3	3310.4	3256.3
-40°	3029.8	3036.5	3033.1	3026.4	2996.0	2985.8	2935.1	2894.5	2870.8	2796.4	2739.0
-42.5°	2539.5	2549.6	2546.2	2542.8	2522.6	2519.2	2492.1	2444.8	2431.3	2387.3	2326.4
-45°	2167.5	2164.1	2157.4	2164.1	2154.0	2143.8	2126.9	2096.5	2079.6	2059.3	2008.6
-47.5°	1873.3	1876.7	1869.9	1869.9	1856.4	1846.3	1839.5	1819.2	1805.7	1788.8	1758.3
-50°	1629.9	1643.4	1640.0	1636.6	1626.5	1619.7	1619.7	1599.4	1579.1	1572.4	1552.1
-52.5°	1440.5	1450.6	1454.0	1460.8	1464.2	1467.5	1457.4	1437.1	1403.3	1399.9	1389.8
-55°	1268.0	1298.5	1318.8	1332.3	1345.8	1356.0	1335.7	1308.6	1274.8	1261.3	1257.9
-57.5°	1149.7	1180.1	1203.8	1224.1	1241.0	1257.9	1237.6	1210.6	1180.1	1163.2	1159.8
-60°	1041.5	1068.5	1092.2	1119.3	1142.9	1170.0	1159.8	1139.5	1122.6	1109.1	1095.6
-62.5°	926.5	953.6	980.6	1014.4	1044.9	1071.9	1075.3	1071.9	1068.5	1071.9	1048.2
-65°	831.8	845.4	862.3	899.5	933.3	963.7	980.6	990.8	1007.7	1024.6	1000.9
-67.5°	730.4	747.3	767.6	794.6	821.7	842.0	865.6	892.7	919.8	946.8	929.9
-70°	639.1	652.6	669.5	683.1	700.0	713.5	733.8	764.2	794.6	821.7	814.9
-72.5°	544.4	557.9	568.1	574.8	585.0	591.8	601.9	628.9	649.2	662.8	662.8
-75°	449.7	463.3	473.4	476.8	483.5	486.9	493.7	503.8	514.0	517.4	520.7
-77.5°	344.9	358.4	368.6	375.3	382.1	388.9	392.2	399.0	402.4	402.4	405.8
-80°	257.0	267.1	273.9	284.0	287.4	294.2	300.9	304.3	307.7	307.7	311.1
-82.5°	182.6	189.4	196.1	202.9	209.6	213.0	219.8	223.2	226.6	229.9	233.3
-85°	121.7	128.5	135.3	142.0	145.4	148.8	152.2	155.5	158.9	162.3	165.7
-87.5°	71.0	74.4	77.8	84.5	87.9	94.7	98.1	94.7	98.1	98.1	98.1
-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):

	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°	131.9	131.9	131.9	131.9	128.5	121.7	118.4	111.6	104.8	98.1	91.3
85°	273.9	277.3	277.3	277.3	270.5	267.1	257.0	246.8	233.3	213.0	196.1
82.5°	456.5	459.9	459.9	456.5	449.7	439.6	426.1	409.2	382.1	355.1	331.4
80°	686.4	689.8	689.8	686.4	669.5	652.6	635.7	615.4	581.6	544.4	503.8
77.5°	960.3	967.1	967.1	956.9	933.3	913.0	885.9	852.1	801.4	747.3	693.2
75°	1278.2	1295.1	1298.5	1288.3	1257.9	1220.7	1176.7	1119.3	1041.5	973.9	909.6
72.5°	1646.8	1663.7	1677.2	1663.7	1619.7	1569.0	1504.7	1437.1	1359.3	1268.0	1159.8
70°	2130.3	2147.2	2157.4	2113.4	2035.6	1951.1	1873.3	1795.5	1704.2	1592.7	1474.3
67.5°	2739.0	2722.1	2701.8	2613.9	2515.8	2414.3	2306.1	2191.2	2072.8	1954.5	1815.8
65°	3324.0	3276.6	3232.7	3127.8	3002.7	2870.8	2745.7	2617.2	2475.2	2326.4	2194.6
62.5°	3939.4	3837.9	3729.7	3601.2	3472.7	3327.3	3202.2	3050.1	2891.1	2708.5	2539.5
60°	4544.7	4422.9	4314.7	4155.8	3986.7	3790.6	3655.3	3506.6	3320.6	3124.4	2924.9
57.5°	5129.6	4997.8	4879.4	4740.8	4558.2	4345.1	4196.4	4003.6	3807.5	3560.7	3357.8
55°	5751.8	5619.9	5525.3	5369.7	5170.2	4974.1	4811.8	4608.9	4335.0	4071.3	3821.0
52.5°	6465.3	6360.5	6259.0	6100.1	5860.0	5660.5	5481.3	5254.8	4967.3	4642.7	4341.8
50°	7263.3	7209.2	7101.0	6915.0	6641.1	6465.3	6228.6	5927.7	5619.9	5278.4	4903.1
47.5°	8321.7	8233.8	8081.6	7878.7	7648.8	7385.1	7067.2	6715.5	6279.3	5900.6	5501.6
45°	9586.4	9424.1	9227.9	8954.0	8670.0	8372.4	8024.1	7577.8	6992.8	6499.1	6079.8
42.5°	10955.9	10736.1	10468.9	10110.5	9741.9	9376.7	9001.4	8392.7	7662.3	7094.3	6620.9
40°	12386.2	12105.5	11770.8	11250.0	10840.9	10370.9	9941.4	9031.8	8254.1	7638.7	7134.8
37.5°	13786.1	13431.1	12869.7	12237.4	11760.6	11375.2	10431.7	9457.9	8761.3	8085.0	7574.4
35°	14858.0	14557.1	13566.3	12910.3	12501.2	11892.5	10712.4	9714.9	8977.7	8416.4	7621.8
32.5°	15493.7	14716.0	13847.0	13184.2	12846.1	11848.6	10732.7	9789.3	9079.2	8450.2	7500.0
30°	15351.7	14411.7	13650.9	13096.3	12362.5	11466.5	10543.3	9674.3	8984.5	8223.7	7364.8
27.5°	14496.2	13769.2	13089.5	12511.3	11791.1	10986.3	10134.2	9370.0	8727.5	7990.3	7178.8
25°	13529.1	12869.7	12365.9	11862.1	11179.0	10411.4	9660.8	9109.6	8463.7	7736.7	6935.3
22.5°	12639.8	12166.4	11770.8	11243.3	10577.1	9907.6	9441.0	8869.5	8206.7	7469.6	6685.1
20°	12071.7	11750.5	11297.4	10715.8	10191.7	9772.4	9255.0	8649.7	7966.7	7195.7	6472.1
17.5°	11797.8	11425.9	10922.0	10543.3	10140.9	9681.1	9102.8	8460.4	7733.3	7070.6	6495.7
15°	11655.8	11263.6	10932.2	10560.2	10107.1	9623.6	8981.1	8315.0	7733.3	7121.3	6512.6
12.5°	11686.2	11348.1	10986.3	10580.5	10093.6	9576.2	8994.6	8375.8	7773.9	7158.5	6516.0
10°	11780.9	11425.9	11040.4	10590.7	10100.4	9589.8	9031.8	8413.0	7794.2	7175.4	6509.3
7.5°	11814.7	11429.3	11016.7	10563.6	10083.4	9583.0	9038.6	8423.2	7797.6	7172.0	6489.0
5°	11709.9	11361.6	10962.6	10506.1	10036.1	9549.2	9011.5	8409.6	7770.5	7138.2	6438.3
2.5°	11567.9	11287.2	10905.1	10465.5	9988.8	9501.8	8967.6	8348.8	7709.7	7077.3	6374.0
0°	11544.2	11195.9	10810.5	10418.2	9911.0	9397.0	8866.1	8233.8	7598.1	6962.4	6262.4
-2.5°	11388.7	11020.1	10634.6	10208.6	9762.2	9244.8	8686.9	8068.1	7439.2	6813.6	6140.7
-5°	11270.3	10861.2	10452.0	9992.1	9542.4	9025.1	8446.8	7844.9	7229.5	6620.9	5971.6
-7.5°	11111.4	10692.1	10262.7	9782.5	9295.6	8768.1	8196.6	7594.7	6989.4	6384.2	5762.0
-10°	10790.2	10421.6	10019.2	9522.1	9008.1	8480.6	7912.6	7320.8	6715.5	6103.5	5477.9
-12.5°	10401.3	10012.4	9572.8	9116.4	8656.5	8166.2	7598.1	7016.5	6407.8	5792.4	5170.2
-15°	9897.5	9515.4	9065.6	8619.3	8176.3	7706.3	7205.8	6681.7	6062.9	5457.6	4835.5
-17.5°	9268.5	8910.1	8507.7	8081.6	7642.0	7168.6	6681.7	6238.8	5660.5	5092.4	4477.0
-20°	8592.2	8257.5	7895.7	7493.3	7053.7	6590.4	6130.5	5667.3	5166.8	4666.4	4094.9



REPORT NUMBER: P722272

CATALOG NUMBER: IFLD-L-SA7D-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7888.9	7550.7	7185.6	6810.2	6404.4	5975.0	5548.9	5106.0	4666.4	4213.3	3729.7
-25°	7077.3	6779.8	6445.0	6079.8	5718.0	5342.7	4936.9	4534.5	4159.2	3766.9	3371.3
-27.5°	6228.6	5954.7	5650.4	5332.5	5021.4	4707.0	4355.3	3983.3	3672.2	3347.6	3019.6
-30°	5335.9	5116.1	4869.3	4592.0	4351.9	4098.3	3804.1	3496.4	3212.4	2965.5	2701.8
-32.5°	4490.5	4304.6	4128.7	3946.1	3709.4	3513.3	3310.4	3083.9	2833.6	2600.3	2411.0
-35°	3763.5	3564.0	3489.6	3354.4	3185.3	3012.9	2864.1	2701.8	2512.4	2306.1	2150.6
-37.5°	3151.5	3033.1	2928.3	2853.9	2742.3	2603.7	2485.4	2367.0	2221.6	2066.1	1910.5
-40°	2674.7	2593.6	2478.6	2441.4	2370.4	2275.7	2154.0	2062.7	1964.6	1846.3	1714.4
-42.5°	2292.6	2231.7	2157.4	2093.1	2062.7	1995.0	1900.4	1812.5	1734.7	1653.5	1552.1
-45°	1978.1	1937.6	1890.2	1832.7	1809.1	1755.0	1687.3	1589.3	1545.3	1477.7	1403.3
-47.5°	1724.5	1704.2	1670.4	1633.2	1599.4	1558.8	1498.0	1437.1	1376.2	1332.3	1274.8
-50°	1525.0	1511.5	1491.2	1460.8	1416.8	1389.8	1349.2	1295.1	1237.6	1200.4	1159.8
-52.5°	1366.1	1352.6	1339.0	1315.4	1281.6	1254.5	1220.7	1176.7	1129.4	1092.2	1058.4
-55°	1244.4	1224.1	1213.9	1193.6	1166.6	1136.2	1105.7	1075.3	1034.7	1000.9	967.1
-57.5°	1149.7	1122.6	1109.1	1092.2	1065.2	1034.7	1011.0	980.6	953.6	916.4	885.9
-60°	1075.3	1044.9	1017.8	1000.9	977.2	946.8	923.1	899.5	872.4	842.0	804.8
-62.5°	1014.4	977.2	940.0	919.8	896.1	869.0	845.4	821.7	794.6	764.2	730.4
-65°	956.9	913.0	865.6	845.4	821.7	794.6	764.2	747.3	723.6	696.6	662.8
-67.5°	885.9	838.6	798.0	774.3	750.7	727.0	700.0	683.1	659.4	625.6	591.8
-70°	781.1	750.7	723.6	703.3	683.1	662.8	635.7	608.7	581.6	551.2	520.7
-72.5°	649.2	639.1	635.7	625.6	601.9	578.2	551.2	524.1	500.5	476.8	453.1
-75°	524.1	530.9	537.6	534.3	510.6	486.9	463.3	439.6	422.7	402.4	382.1
-77.5°	415.9	422.7	429.4	429.4	412.5	399.0	382.1	365.2	351.7	334.8	314.5
-80°	321.2	331.4	341.5	348.3	334.8	324.6	311.1	297.6	284.0	270.5	257.0
-82.5°	243.5	253.6	263.8	270.5	260.4	253.6	243.5	233.3	223.2	209.6	199.5
-85°	175.8	182.6	189.4	192.7	186.0	179.2	172.5	165.7	158.9	148.8	142.0
-87.5°	101.4	104.8	108.2	111.6	104.8	98.1	94.7	87.9	84.5	77.8	74.4
-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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 CATALOG NUMBER: IFLD-L-SA7D-930-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°	84.5	77.8	71.0	67.6	60.9	50.7	44.0	37.2	30.4	23.7	20.3
85°	179.2	162.3	142.0	131.9	118.4	104.8	91.3	77.8	64.2	50.7	37.2
82.5°	307.7	287.4	267.1	243.5	213.0	175.8	138.6	115.0	94.7	74.4	57.5
80°	463.3	426.1	392.2	361.8	328.0	280.7	229.9	182.6	128.5	98.1	74.4
77.5°	642.5	598.5	551.2	500.5	446.3	382.1	324.6	263.8	199.5	135.3	94.7
75°	845.4	787.9	723.6	652.6	581.6	497.1	415.9	344.9	270.5	189.4	115.0
72.5°	1071.9	1000.9	923.1	828.5	716.9	618.8	520.7	426.1	338.1	240.1	155.5
70°	1362.7	1251.1	1136.2	1034.7	892.7	737.2	622.2	514.0	402.4	294.2	196.1
67.5°	1673.8	1538.6	1399.9	1251.1	1071.9	889.3	723.6	601.9	470.0	344.9	233.3
65°	2012.0	1842.9	1667.0	1501.4	1254.5	1038.1	852.1	686.4	534.3	392.2	270.5
62.5°	2360.2	2160.7	1957.9	1741.4	1457.4	1190.3	973.9	781.1	595.1	436.2	304.3
60°	2732.2	2498.9	2252.0	1981.5	1650.1	1356.0	1088.8	879.2	659.4	480.2	341.5
57.5°	3124.4	2870.8	2580.0	2214.8	1849.6	1514.9	1220.7	967.1	716.9	520.7	368.6
55°	3550.5	3259.7	2941.9	2458.3	2045.8	1673.8	1352.6	1055.0	777.7	554.6	395.6
52.5°	4010.4	3672.2	3269.8	2715.3	2252.0	1836.1	1474.3	1132.8	835.2	591.8	419.3
50°	4524.4	4098.3	3557.3	2952.0	2431.3	1988.3	1596.0	1217.3	882.6	632.3	439.6
47.5°	5058.6	4598.8	3814.3	3171.8	2613.9	2137.1	1721.2	1291.7	929.9	666.1	459.9
45°	5616.6	4947.0	4081.4	3367.9	2772.8	2272.3	1815.8	1359.3	987.4	696.6	476.8
42.5°	6167.7	5210.8	4314.7	3564.0	2921.6	2394.1	1893.6	1423.6	1034.7	727.0	493.7
40°	6428.1	5410.3	4500.7	3699.3	3046.7	2502.3	1961.2	1481.1	1075.3	747.3	510.6
37.5°	6536.3	5532.0	4622.4	3827.8	3144.7	2559.7	2018.7	1531.8	1109.1	767.6	524.1
35°	6560.0	5576.0	4683.3	3915.7	3225.9	2613.9	2062.7	1569.0	1136.2	787.9	537.6
32.5°	6516.0	5562.5	4700.2	3946.1	3276.6	2654.4	2093.1	1596.0	1156.5	808.2	551.2
30°	6418.0	5491.5	4639.3	3942.8	3313.8	2678.1	2113.4	1616.3	1176.7	821.7	557.9
27.5°	6259.0	5366.3	4561.6	3946.1	3334.1	2688.2	2123.5	1626.5	1190.3	831.8	571.5
25°	6062.9	5197.3	4564.9	3939.4	3337.5	2691.6	2123.5	1626.5	1193.6	835.2	581.6
22.5°	5836.4	5197.3	4564.9	3929.2	3317.2	2684.9	2113.4	1619.7	1193.6	842.0	591.8
20°	5849.9	5200.6	4554.8	3908.9	3286.8	2664.6	2089.7	1602.8	1183.5	852.1	598.5
17.5°	5860.0	5193.9	4534.5	3881.9	3246.2	2630.8	2059.3	1579.1	1183.5	862.3	601.9
15°	5860.0	5173.6	4504.1	3841.3	3195.5	2583.4	2015.3	1558.8	1186.9	865.6	608.7
12.5°	5849.9	5136.4	4456.7	3787.2	3134.6	2525.9	1988.3	1552.1	1186.9	869.0	608.7
10°	5829.6	5085.7	4395.9	3719.6	3077.1	2505.6	1974.8	1538.6	1180.1	869.0	608.7
7.5°	5792.4	5024.8	4345.1	3679.0	3043.3	2482.0	1954.5	1518.3	1170.0	862.3	615.4
5°	5734.9	4991.0	4304.6	3631.7	2996.0	2465.1	1940.9	1501.4	1163.2	862.3	608.7
2.5°	5660.5	4950.4	4257.2	3570.8	2941.9	2407.6	1897.0	1464.2	1139.5	848.7	601.9
0°	5538.8	4869.3	4176.1	3486.3	2867.5	2350.1	1853.0	1427.0	1115.9	835.2	595.1
-2.5°	5427.2	4761.1	4071.3	3398.3	2796.4	2299.4	1819.2	1406.7	1105.7	831.8	591.8
-5°	5271.7	4612.3	3932.6	3283.4	2701.8	2248.7	1785.4	1383.0	1095.6	825.1	591.8
-7.5°	5099.2	4456.7	3787.2	3165.0	2607.1	2160.7	1721.2	1345.8	1071.9	811.5	588.4
-10°	4832.1	4223.4	3604.6	3029.8	2505.6	2083.0	1667.0	1312.0	1051.6	798.0	574.8
-12.5°	4548.0	3966.4	3395.0	2864.1	2390.7	2001.8	1606.2	1274.8	1028.0	784.5	568.1
-15°	4247.1	3702.7	3175.2	2691.6	2265.6	1903.7	1541.9	1234.2	1004.3	767.6	557.9
-17.5°	3932.6	3425.4	2948.6	2515.8	2140.4	1802.3	1474.3	1197.0	977.2	750.7	547.8
-20°	3601.2	3141.4	2718.7	2336.6	2008.6	1700.9	1403.3	1153.1	946.8	730.4	534.3



REPORT NUMBER: P722272

CATALOG NUMBER: IFLD-L-SA7D-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3273.2	2860.7	2482.0	2160.7	1873.3	1596.0	1332.3	1109.1	913.0	706.7	524.1
-25°	2982.4	2596.9	2272.3	1991.7	1741.4	1494.6	1257.9	1065.2	875.8	683.1	510.6
-27.5°	2698.4	2370.4	2066.1	1832.7	1612.9	1396.5	1186.9	1017.8	838.6	656.0	497.1
-30°	2434.6	2154.0	1903.7	1677.2	1491.2	1308.6	1126.0	970.5	798.0	628.9	480.2
-32.5°	2194.6	1968.0	1758.3	1541.9	1376.2	1220.7	1068.5	923.1	757.4	601.9	463.3
-35°	1971.4	1795.5	1612.9	1430.3	1261.3	1139.5	1007.7	872.4	720.2	571.5	446.3
-37.5°	1771.9	1629.9	1484.5	1328.9	1183.5	1061.8	950.2	821.7	683.1	544.4	429.4
-40°	1599.4	1484.5	1356.0	1230.8	1109.1	994.1	892.7	771.0	645.9	524.1	412.5
-42.5°	1440.5	1352.6	1247.8	1142.9	1034.7	933.3	835.2	716.9	608.7	500.5	395.6
-45°	1318.8	1230.8	1146.3	1051.6	960.3	872.4	774.3	669.5	574.8	473.4	378.7
-47.5°	1203.8	1126.0	1048.2	970.5	896.1	814.9	716.9	628.9	537.6	449.7	365.2
-50°	1102.3	1028.0	960.3	892.7	828.5	750.7	659.4	588.4	507.2	426.1	348.3
-52.5°	1007.7	943.4	875.8	821.7	767.6	689.8	615.4	547.8	476.8	399.0	331.4
-55°	923.1	862.3	801.4	750.7	700.0	632.3	571.5	514.0	446.3	378.7	314.5
-57.5°	842.0	791.3	733.8	686.4	635.7	581.6	530.9	476.8	415.9	358.4	297.6
-60°	767.6	720.2	669.5	622.2	578.2	534.3	486.9	443.0	388.9	334.8	280.7
-62.5°	693.2	652.6	608.7	561.3	527.5	486.9	449.7	405.8	361.8	314.5	250.2
-65°	625.6	588.4	547.8	507.2	476.8	446.3	412.5	372.0	334.8	290.8	223.2
-67.5°	557.9	524.1	490.3	456.5	429.4	405.8	372.0	341.5	311.1	263.8	196.1
-70°	493.7	466.6	436.2	409.2	388.9	361.8	338.1	311.1	284.0	229.9	165.7
-72.5°	432.8	405.8	382.1	361.8	344.9	321.2	300.9	280.7	243.5	192.7	138.6
-75°	361.8	344.9	331.4	314.5	297.6	280.7	263.8	240.1	202.9	155.5	108.2
-77.5°	297.6	287.4	277.3	263.8	250.2	236.7	216.4	192.7	162.3	121.7	87.9
-80°	243.5	233.3	226.6	213.0	202.9	189.4	169.1	148.8	118.4	94.7	71.0
-82.5°	186.0	179.2	172.5	165.7	155.5	142.0	121.7	104.8	87.9	71.0	54.1
-85°	131.9	128.5	121.7	115.0	104.8	94.7	81.2	71.0	60.9	47.3	37.2
-87.5°	67.6	64.2	60.9	57.5	54.1	47.3	40.6	33.8	30.4	23.7	16.9
-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: P722272
 CATALOG NUMBER: IFLD-L-SA7D-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.5	10.1	3.4	0.0
85°	27.1	16.9	6.8	0.0
82.5°	40.6	27.1	10.1	0.0
80°	54.1	33.8	16.9	0.0
77.5°	67.6	40.6	20.3	0.0
75°	81.2	50.7	23.7	0.0
72.5°	91.3	57.5	27.1	0.0
70°	108.2	67.6	30.4	0.0
67.5°	135.3	74.4	33.8	0.0
65°	158.9	81.2	37.2	0.0
62.5°	186.0	87.9	40.6	0.0
60°	209.6	94.7	44.0	0.0
57.5°	233.3	111.6	47.3	0.0
55°	253.6	125.1	50.7	0.0
52.5°	277.3	138.6	54.1	0.0
50°	297.6	152.2	57.5	0.0
47.5°	314.5	165.7	57.5	0.0
45°	328.0	175.8	60.9	0.0
42.5°	338.1	186.0	64.2	0.0
40°	348.3	196.1	67.6	0.0
37.5°	358.4	206.3	67.6	0.0
35°	368.6	216.4	71.0	0.0
32.5°	378.7	226.6	71.0	0.0
30°	385.5	233.3	74.4	0.0
27.5°	395.6	240.1	74.4	0.0
25°	399.0	246.8	77.8	0.0
22.5°	405.8	250.2	77.8	0.0
20°	412.5	257.0	77.8	0.0
17.5°	415.9	260.4	81.2	0.0
15°	415.9	263.8	84.5	0.0
12.5°	419.3	267.1	84.5	0.0
10°	419.3	273.9	81.2	0.0
7.5°	426.1	270.5	81.2	0.0
5°	422.7	270.5	81.2	0.0
2.5°	419.3	267.1	81.2	0.0
0°	415.9	267.1	81.2	0.0
-2.5°	415.9	267.1	81.2	0.0
-5°	415.9	267.1	81.2	0.0
-7.5°	412.5	270.5	81.2	0.0
-10°	405.8	270.5	81.2	0.0
-12.5°	402.4	260.4	81.2	0.0
-15°	399.0	257.0	81.2	0.0
-17.5°	392.2	253.6	77.8	0.0
-20°	385.5	250.2	77.8	0.0



REPORT NUMBER: P722272

CATALOG NUMBER: IFLD-L-SA7D-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	378.7	243.5	77.8	0.0
-25°	372.0	236.7	74.4	0.0
-27.5°	365.2	229.9	74.4	0.0
-30°	355.1	223.2	71.0	0.0
-32.5°	344.9	216.4	71.0	0.0
-35°	338.1	206.3	67.6	0.0
-37.5°	328.0	196.1	67.6	0.0
-40°	317.9	186.0	64.2	0.0
-42.5°	307.7	175.8	60.9	0.0
-45°	294.2	165.7	60.9	0.0
-47.5°	284.0	155.5	57.5	0.0
-50°	267.1	142.0	54.1	0.0
-52.5°	246.8	128.5	50.7	0.0
-55°	226.6	118.4	47.3	0.0
-57.5°	206.3	104.8	47.3	0.0
-60°	186.0	91.3	44.0	0.0
-62.5°	165.7	84.5	40.6	0.0
-65°	145.4	77.8	37.2	0.0
-67.5°	121.7	67.6	33.8	0.0
-70°	101.4	60.9	30.4	0.0
-72.5°	87.9	54.1	27.1	0.0
-75°	74.4	47.3	23.7	0.0
-77.5°	64.2	40.6	20.3	0.0
-80°	50.7	30.4	13.5	0.0
-82.5°	37.2	23.7	10.1	0.0
-85°	23.7	16.9	6.8	0.0
-87.5°	13.5	6.8	3.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)