

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: P722302

Luminaire Tested: **IFLD-L-SA7E-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722302
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

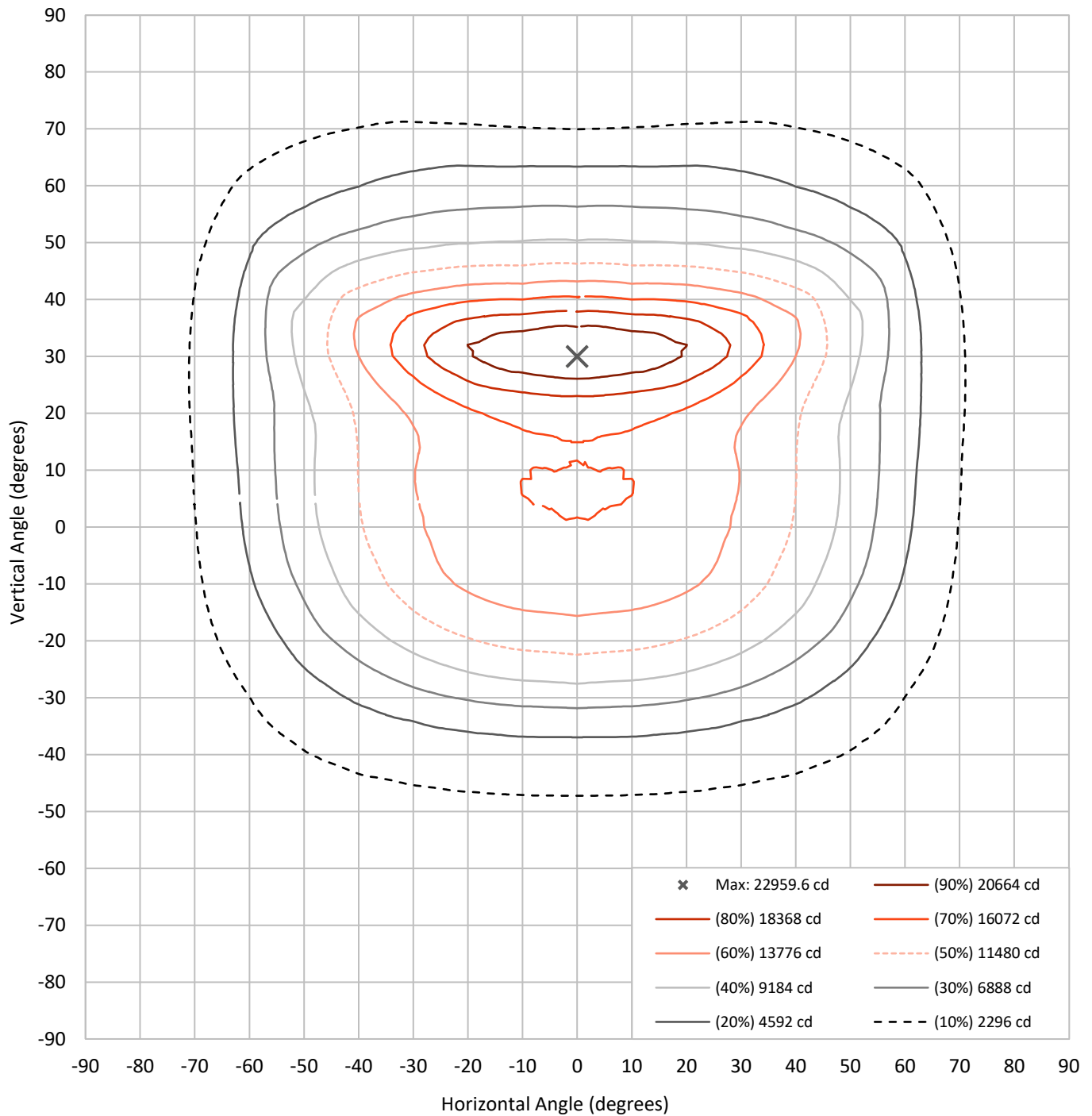
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	38325.3 lumens	Max Intensity:	22959.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	71.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22286.6 lumens	Field Lumens:	35915.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
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: P722302
CATALOG NUMBER: IFLD-L-SA7E-935-U-76

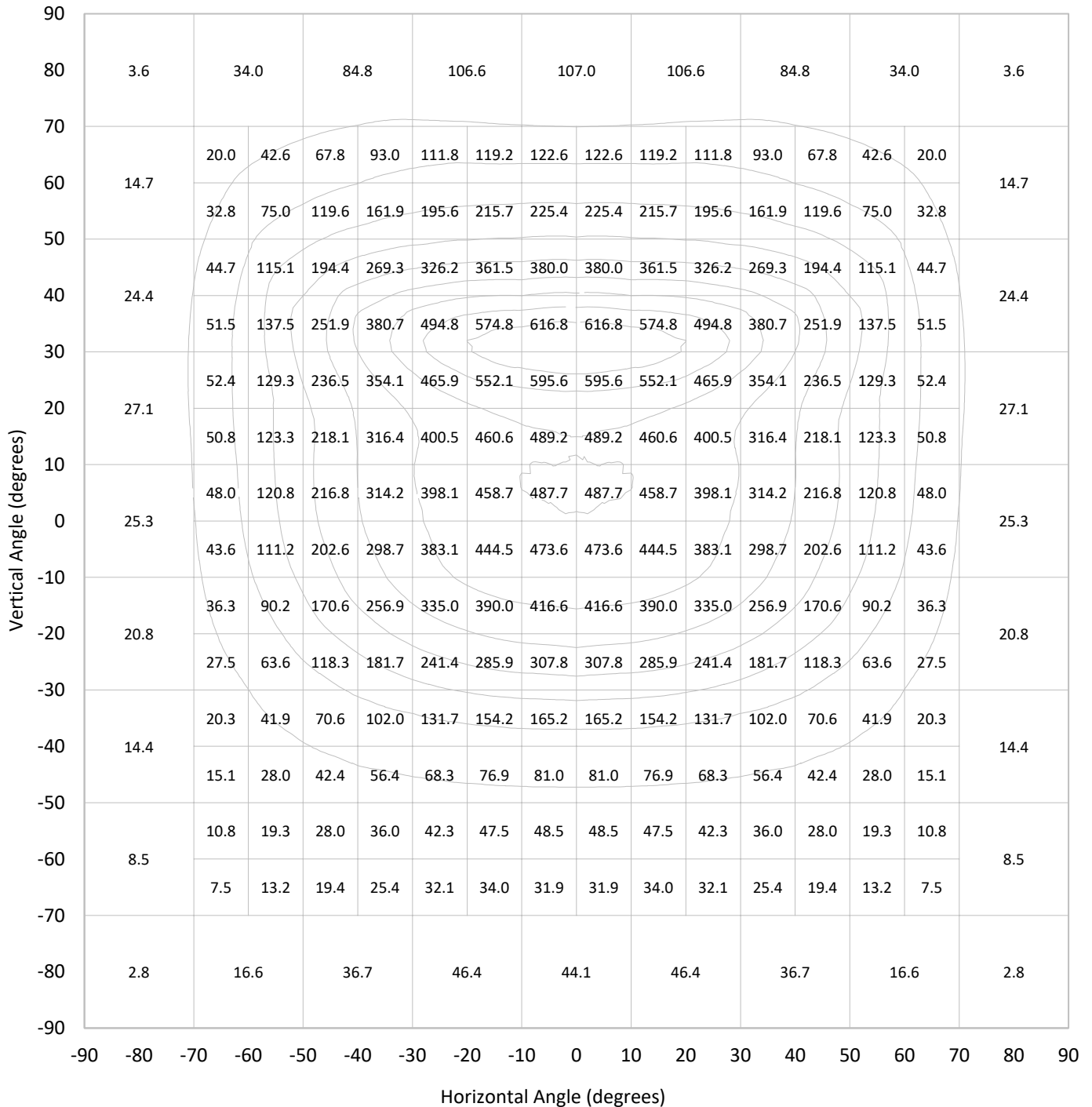
Iso-Candela Plot





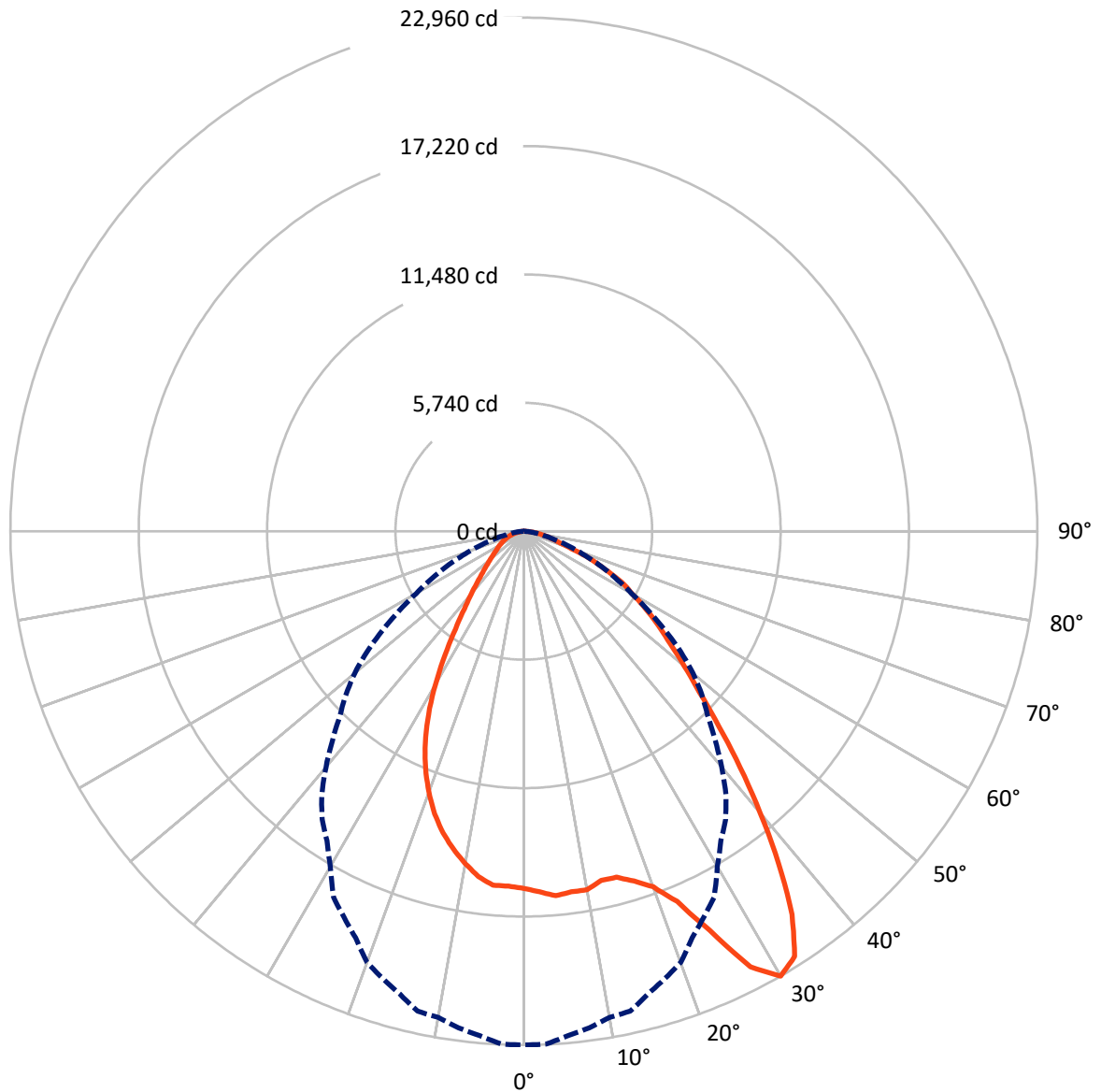
REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

Lumen Table



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CATALOG NUMBER: IFLD-L-SA7E-935-U-76

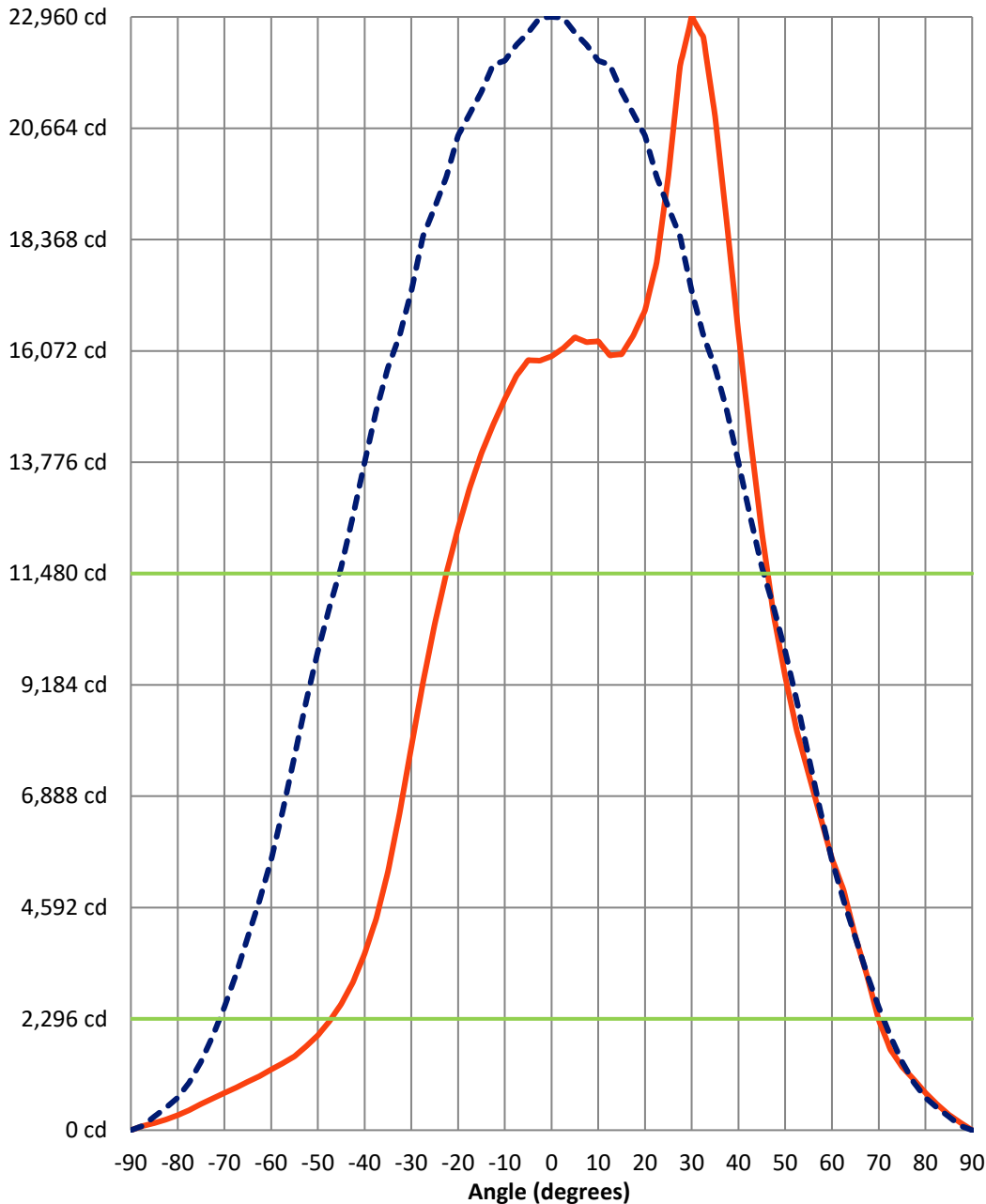
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 22286.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 35915.7
 Efficiency: 93.7%

Spill:
 Lumens: 2409.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-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°	154.3	158.3	162.4	162.4	158.3	158.3	158.3	154.3	158.3	158.3	158.3
85°	320.7	328.9	337.0	332.9	328.9	320.7	312.6	316.7	320.7	324.8	324.8
82.5°	531.9	544.0	552.2	548.1	540.0	531.9	523.7	527.8	535.9	540.0	540.0
80°	771.4	775.5	779.5	787.6	775.5	775.5	771.4	787.6	795.8	803.9	812.0
77.5°	1047.5	1051.6	1051.6	1055.6	1059.7	1063.7	1063.7	1092.2	1112.5	1124.6	1136.8
75°	1307.3	1319.5	1331.7	1343.9	1360.1	1368.2	1380.4	1421.0	1453.5	1477.9	1502.2
72.5°	1664.6	1680.9	1701.2	1729.6	1758.0	1778.3	1806.7	1855.4	1892.0	1916.3	1944.8
70°	2277.7	2293.9	2314.2	2334.5	2362.9	2383.2	2411.7	2472.6	2509.1	2525.3	2541.6
67.5°	3187.1	3227.7	3264.3	3223.7	3203.4	3175.0	3183.1	3239.9	3276.5	3300.8	3296.8
65°	3995.1	4023.5	4023.5	4019.4	4003.2	3966.7	3987.0	4056.0	4096.6	4116.9	4056.0
62.5°	4945.1	4945.1	4924.8	4957.3	4961.4	4937.0	4924.8	4928.9	4933.0	4945.1	4843.6
60°	5602.9	5643.5	5655.6	5684.1	5692.2	5692.2	5712.5	5728.7	5728.7	5704.4	5586.6
57.5°	6471.7	6548.9	6565.1	6544.8	6504.2	6451.4	6443.3	6418.9	6370.2	6321.5	6264.6
55°	7348.7	7389.3	7385.2	7373.0	7332.4	7271.5	7279.7	7247.2	7170.0	7109.1	7032.0
52.5°	8229.7	8327.2	8343.4	8319.0	8262.2	8197.2	8201.3	8164.8	8087.6	8022.6	7917.1
50°	9354.3	9435.5	9427.4	9386.8	9305.6	9256.9	9261.0	9191.9	9102.6	9082.3	8944.3
47.5°	10641.4	10734.8	10718.5	10661.7	10552.1	10531.8	10552.1	10462.7	10410.0	10365.3	10202.9
45°	12330.4	12440.0	12379.1	12269.5	12094.9	12115.2	12143.6	12127.4	12013.7	11895.9	11688.9
42.5°	14311.7	14380.7	14307.6	14198.0	13978.7	14019.3	14003.1	13905.7	13836.6	13641.8	13377.8
40°	16431.0	16581.2	16467.5	16297.0	16069.7	16130.6	16085.9	15960.0	15797.6	15554.0	15221.1
37.5°	18716.8	18834.5	18704.6	18505.7	18302.7	18282.4	18193.1	17998.2	17766.8	17498.8	16966.9
35°	20905.2	21209.7	20970.1	20653.5	20405.8	20312.4	20227.1	19776.5	19512.6	19078.2	18351.4
32.5°	22533.3	22756.6	22460.2	22131.3	21830.9	21700.9	21400.5	20864.6	20722.5	19809.0	19143.1
30°	22959.6	22943.3	22634.8	22383.0	22058.2	21968.9	21416.7	20962.0	20507.3	19662.8	19029.4
27.5°	21944.5	21843.0	21546.7	21327.4	21006.7	20901.1	20357.1	20113.5	19411.1	18696.5	18160.6
25°	19683.1	19735.9	19512.6	19403.0	19191.8	18964.5	18749.3	18420.4	17981.9	17356.7	16865.4
22.5°	17900.7	17969.8	17876.4	17746.5	17584.1	17458.2	17295.8	17040.0	16617.8	16232.1	15769.2
20°	16910.1	16889.8	16808.6	16711.1	16556.9	16467.5	16288.9	16073.7	15748.9	15416.0	14916.6
17.5°	16390.4	16264.5	16187.4	16150.9	16069.7	15956.0	15744.9	15525.6	15273.9	14896.3	14530.9
15°	16004.7	16025.0	15964.1	15935.7	15870.7	15712.4	15497.2	15318.6	14977.5	14786.7	14453.8
12.5°	15980.3	15960.0	15964.1	15951.9	15870.7	15667.7	15558.1	15330.7	15111.5	14859.8	14478.1
10°	16268.6	16053.4	16069.7	16126.5	15996.6	15834.2	15716.4	15468.8	15261.7	14941.0	14563.4
7.5°	16252.4	16142.7	16175.2	16081.8	16122.4	15923.5	15761.1	15513.4	15253.6	14912.5	14571.5
5°	16349.8	16183.3	16154.9	16163.0	16061.5	15911.3	15692.1	15456.6	15213.0	14831.3	14482.2
2.5°	16126.5	16150.9	16020.9	15972.2	15960.0	15708.3	15505.3	15278.0	15026.2	14689.2	14376.6
0°	15960.0	16004.7	15870.7	15801.7	15797.6	15582.5	15452.5	15192.7	15014.0	14733.9	14356.3
-2.5°	15870.7	15923.5	15939.7	15813.9	15692.1	15525.6	15306.4	15026.2	14733.9	14409.1	14084.3
-5°	15878.8	15773.3	15728.6	15769.2	15663.7	15497.2	15253.6	15005.9	14717.7	14368.5	13962.5
-7.5°	15558.1	15452.5	15444.4	15424.1	15399.8	15241.4	15038.4	14770.4	14478.1	14153.3	13775.7
-10°	15079.0	15001.9	14981.6	14961.3	14896.3	14802.9	14612.1	14368.5	14104.6	13779.8	13377.8
-12.5°	14547.1	14510.6	14433.5	14380.7	14315.7	14206.1	14023.4	13800.1	13536.2	13247.9	12902.8
-15°	13958.4	13889.4	13812.3	13767.6	13674.2	13544.3	13361.6	13154.5	12866.3	12582.1	12257.3
-17.5°	13247.9	13162.7	13077.4	13065.2	13000.3	12801.3	12630.8	12379.1	12127.4	11855.3	11538.6
-20°	12411.6	12293.8	12237.0	12204.5	12115.2	11969.0	11786.3	11554.9	11311.3	11051.4	10686.0



REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11485.9	11384.4	11286.9	11226.0	11148.9	11035.2	10860.6	10657.6	10418.1	10125.8	9788.8
-25°	10434.3	10292.2	10231.3	10162.3	10121.7	10016.1	9845.6	9658.8	9411.2	9127.0	8806.2
-27.5°	9232.5	9118.9	9086.4	8988.9	8940.2	8830.6	8688.5	8513.9	8286.6	8018.6	7754.7
-30°	7904.9	7835.9	7783.1	7685.7	7649.1	7531.4	7438.0	7291.8	7084.8	6894.0	6682.8
-32.5°	6540.7	6471.7	6455.5	6410.8	6386.5	6309.3	6203.7	6098.2	5931.7	5789.6	5619.1
-35°	5330.8	5282.1	5286.2	5282.1	5257.8	5200.9	5071.0	5042.6	4920.8	4790.9	4681.2
-37.5°	4364.5	4368.6	4364.5	4360.5	4328.0	4303.6	4210.3	4173.7	4100.6	3974.8	3909.8
-40°	3637.8	3645.9	3641.9	3633.7	3597.2	3585.0	3524.1	3475.4	3447.0	3357.7	3288.6
-42.5°	3049.1	3061.3	3057.2	3053.2	3028.8	3024.7	2992.3	2935.4	2919.2	2866.4	2793.3
-45°	2602.5	2598.4	2590.3	2598.4	2586.2	2574.1	2553.8	2517.2	2496.9	2472.6	2411.7
-47.5°	2249.3	2253.3	2245.2	2245.2	2229.0	2216.8	2208.7	2184.3	2168.1	2147.8	2111.2
-50°	1956.9	1973.2	1969.1	1965.1	1952.9	1944.8	1944.8	1920.4	1896.0	1887.9	1863.6
-52.5°	1729.6	1741.8	1745.8	1753.9	1758.0	1762.1	1749.9	1725.5	1684.9	1680.9	1668.7
-55°	1522.5	1559.1	1583.4	1599.7	1615.9	1628.1	1603.7	1571.2	1530.6	1514.4	1510.3
-57.5°	1380.4	1417.0	1445.4	1469.7	1490.0	1510.3	1486.0	1453.5	1417.0	1396.7	1392.6
-60°	1250.5	1283.0	1311.4	1343.9	1372.3	1404.8	1392.6	1368.2	1347.9	1331.7	1315.5
-62.5°	1112.5	1144.9	1177.4	1218.0	1254.6	1287.0	1291.1	1287.0	1283.0	1287.0	1258.6
-65°	998.8	1015.0	1035.3	1080.0	1120.6	1157.1	1177.4	1189.6	1209.9	1230.2	1201.8
-67.5°	877.0	897.3	921.6	954.1	986.6	1011.0	1039.4	1071.9	1104.3	1136.8	1116.5
-70°	767.3	783.6	803.9	820.1	840.4	856.7	881.0	917.6	954.1	986.6	978.5
-72.5°	653.7	669.9	682.1	690.2	702.4	710.5	722.7	755.2	779.5	795.8	795.8
-75°	540.0	556.2	568.4	572.5	580.6	584.6	592.8	604.9	617.1	621.2	625.2
-77.5°	414.1	430.4	442.5	450.7	458.8	466.9	471.0	479.1	483.1	483.1	487.2
-80°	308.6	320.7	328.9	341.0	345.1	353.2	361.3	365.4	369.5	369.5	373.5
-82.5°	219.2	227.4	235.5	243.6	251.7	255.8	263.9	268.0	272.0	276.1	280.1
-85°	146.2	154.3	162.4	170.5	174.6	178.6	182.7	186.8	190.8	194.9	198.9
-87.5°	85.3	89.3	93.4	101.5	105.6	113.7	117.7	113.7	117.7	117.7	117.7
-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: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-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°	158.3	158.3	158.3	158.3	154.3	146.2	142.1	134.0	125.9	117.7	109.6
85°	328.9	332.9	332.9	332.9	324.8	320.7	308.6	296.4	280.1	255.8	235.5
82.5°	548.1	552.2	552.2	548.1	540.0	527.8	511.6	491.3	458.8	426.3	397.9
80°	824.2	828.2	828.2	824.2	803.9	783.6	763.3	738.9	698.3	653.7	604.9
77.5°	1153.1	1161.2	1161.2	1149.0	1120.6	1096.2	1063.7	1023.1	962.2	897.3	832.3
75°	1534.7	1555.0	1559.1	1546.9	1510.3	1465.7	1412.9	1343.9	1250.5	1169.3	1092.2
72.5°	1977.2	1997.5	2013.8	1997.5	1944.8	1883.9	1806.7	1725.5	1632.1	1522.5	1392.6
70°	2557.8	2578.1	2590.3	2537.5	2444.1	2342.6	2249.3	2155.9	2046.3	1912.3	1770.2
67.5°	3288.6	3268.3	3244.0	3138.4	3020.7	2898.9	2769.0	2630.9	2488.8	2346.7	2180.2
65°	3991.0	3934.2	3881.4	3755.5	3605.3	3447.0	3296.8	3142.5	2972.0	2793.3	2635.0
62.5°	4730.0	4608.2	4478.2	4323.9	4169.7	3995.1	3844.9	3662.2	3471.3	3252.1	3049.1
60°	5456.7	5310.5	5180.6	4989.8	4786.8	4551.3	4388.9	4210.3	3987.0	3751.5	3511.9
57.5°	6159.1	6000.7	5858.6	5692.2	5472.9	5217.2	5038.5	4807.1	4571.6	4275.2	4031.6
55°	6906.1	6747.8	6634.1	6447.4	6207.8	5972.3	5777.4	5533.8	5205.0	4888.3	4587.9
52.5°	7762.8	7636.9	7515.1	7324.3	7036.1	6796.5	6581.3	6309.3	5964.2	5574.4	5213.1
50°	8721.0	8656.0	8526.1	8302.8	7973.9	7762.8	7478.6	7117.3	6747.8	6337.7	5887.1
47.5°	9991.8	9886.2	9703.5	9459.9	9183.8	8867.1	8485.5	8063.2	7539.5	7084.8	6605.7
45°	11510.2	11315.3	11079.9	10751.0	10410.0	10052.7	9634.5	9098.6	8396.2	7803.4	7300.0
42.5°	13154.5	12890.6	12569.9	12139.5	11697.0	11258.5	10807.8	10077.0	9200.1	8518.0	7949.6
40°	14871.9	14535.0	14133.0	13507.8	13016.5	12452.2	11936.5	10844.4	9910.6	9171.6	8566.7
37.5°	16552.8	16126.5	15452.5	14693.3	14120.8	13658.0	12525.2	11355.9	10519.6	9707.6	9094.5
35°	17839.8	17478.5	16288.9	15501.3	15010.0	14279.2	12862.2	11664.5	10779.4	10105.5	9151.3
32.5°	18603.1	17669.3	16625.9	15830.1	15424.1	14226.4	12886.6	11753.8	10901.2	10146.1	9005.2
30°	18432.6	17303.9	16390.4	15724.6	14843.5	13767.6	12659.2	11615.8	10787.5	9874.0	8842.8
27.5°	17405.4	16532.5	15716.4	15022.2	14157.4	13191.1	12168.0	11250.4	10479.0	9593.9	8619.5
25°	16244.2	15452.5	14847.6	14242.6	13422.5	12500.9	11599.5	10937.8	10162.3	9289.4	8327.2
22.5°	15176.4	14608.0	14133.0	13499.7	12699.8	11895.9	11335.6	10649.5	9853.7	8968.6	8026.7
20°	14494.4	14108.7	13564.6	12866.3	12237.0	11733.5	11112.3	10385.6	9565.5	8639.8	7770.9
17.5°	14165.5	13718.9	13113.9	12659.2	12176.1	11623.9	10929.6	10158.2	9285.3	8489.6	7799.3
15°	13995.0	13524.0	13126.1	12679.5	12135.5	11554.9	10783.5	9983.7	9285.3	8550.5	7819.6
12.5°	14031.5	13625.5	13191.1	12703.9	12119.2	11498.0	10799.7	10056.7	9334.0	8595.1	7823.7
10°	14145.2	13718.9	13256.0	12716.1	12127.4	11514.3	10844.4	10101.4	9358.4	8615.4	7815.6
7.5°	14185.8	13723.0	13227.6	12683.6	12107.1	11506.2	10852.5	10113.6	9362.5	8611.4	7791.2
5°	14059.9	13641.8	13162.7	12614.6	12050.2	11465.6	10820.0	10097.3	9330.0	8570.8	7730.3
2.5°	13889.4	13552.4	13093.6	12565.8	11993.4	11408.7	10767.2	10024.3	9256.9	8497.7	7653.2
0°	13861.0	13442.8	12980.0	12509.0	11900.0	11282.9	10645.4	9886.2	9122.9	8359.6	7519.2
-2.5°	13674.2	13231.7	12768.8	12257.3	11721.4	11100.2	10430.3	9687.3	8932.1	8181.0	7373.0
-5°	13532.1	13040.9	12549.6	11997.4	11457.4	10836.3	10142.0	9419.3	8680.4	7949.6	7170.0
-7.5°	13341.3	12837.9	12322.2	11745.7	11161.1	10527.7	9841.5	9118.9	8392.1	7665.4	6918.3
-10°	12955.6	12513.1	12029.9	11433.1	10816.0	10182.6	9500.5	8790.0	8063.2	7328.4	6577.3
-12.5°	12488.7	12021.8	11494.0	10945.9	10393.7	9805.0	9122.9	8424.6	7693.8	6954.9	6207.8
-15°	11883.8	11425.0	10885.0	10349.1	9817.2	9252.8	8652.0	8022.6	7279.7	6552.9	5805.9
-17.5°	11128.6	10698.2	10215.1	9703.5	9175.7	8607.3	8022.6	7490.8	6796.5	6114.4	5375.5
-20°	10316.6	9914.6	9480.2	8997.1	8469.3	7913.0	7360.9	6804.6	6203.7	5602.9	4916.7



REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9472.1	9066.1	8627.6	8176.9	7689.7	7174.1	6662.5	6130.7	5602.9	5058.8	4478.2
-25°	8497.7	8140.4	7738.4	7300.0	6865.5	6414.9	5927.7	5444.5	4993.9	4522.9	4047.9
-27.5°	7478.6	7149.7	6784.3	6402.7	6029.2	5651.6	5229.3	4782.7	4409.2	4019.4	3625.6
-30°	6406.8	6142.8	5846.5	5513.5	5225.3	4920.8	4567.6	4198.1	3857.0	3560.7	3244.0
-32.5°	5391.7	5168.4	4957.3	4738.1	4453.9	4218.4	3974.8	3702.8	3402.3	3122.2	2894.8
-35°	4518.8	4279.3	4190.0	4027.6	3824.6	3617.5	3438.9	3244.0	3016.6	2769.0	2582.2
-37.5°	3784.0	3641.9	3516.0	3426.7	3292.7	3126.2	2984.1	2842.0	2667.4	2480.7	2293.9
-40°	3211.5	3114.1	2976.0	2931.4	2846.1	2732.4	2586.2	2476.6	2358.9	2216.8	2058.4
-42.5°	2752.7	2679.6	2590.3	2513.2	2476.6	2395.4	2281.7	2176.2	2082.8	1985.4	1863.6
-45°	2375.1	2326.4	2269.6	2200.5	2172.1	2107.2	2026.0	1908.2	1855.4	1774.2	1684.9
-47.5°	2070.6	2046.3	2005.7	1961.0	1920.4	1871.7	1798.6	1725.5	1652.4	1599.7	1530.6
-50°	1831.1	1814.8	1790.5	1753.9	1701.2	1668.7	1620.0	1555.0	1486.0	1441.3	1392.6
-52.5°	1640.3	1624.0	1607.8	1579.4	1538.8	1506.3	1465.7	1412.9	1356.1	1311.4	1270.8
-55°	1494.1	1469.7	1457.6	1433.2	1400.7	1364.2	1327.6	1291.1	1242.4	1201.8	1161.2
-57.5°	1380.4	1347.9	1331.7	1311.4	1278.9	1242.4	1214.0	1177.4	1144.9	1100.3	1063.7
-60°	1291.1	1254.6	1222.1	1201.8	1173.4	1136.8	1108.4	1080.0	1047.5	1011.0	966.3
-62.5°	1218.0	1173.4	1128.7	1104.3	1075.9	1043.4	1015.0	986.6	954.1	917.6	877.0
-65°	1149.0	1096.2	1039.4	1015.0	986.6	954.1	917.6	897.3	868.8	836.4	795.8
-67.5°	1063.7	1006.9	958.2	929.8	901.3	872.9	840.4	820.1	791.7	751.1	710.5
-70°	937.9	901.3	868.8	844.5	820.1	795.8	763.3	730.8	698.3	661.8	625.2
-72.5°	779.5	767.3	763.3	751.1	722.7	694.3	661.8	629.3	600.9	572.5	544.0
-75°	629.3	637.4	645.5	641.5	613.1	584.6	556.2	527.8	507.5	483.1	458.8
-77.5°	499.4	507.5	515.6	515.6	495.3	479.1	458.8	438.5	422.2	401.9	377.6
-80°	385.7	397.9	410.1	418.2	401.9	389.8	373.5	357.3	341.0	324.8	308.6
-82.5°	292.3	304.5	316.7	324.8	312.6	304.5	292.3	280.1	268.0	251.7	239.5
-85°	211.1	219.2	227.4	231.4	223.3	215.2	207.1	198.9	190.8	178.6	170.5
-87.5°	121.8	125.9	129.9	134.0	125.9	117.7	113.7	105.6	101.5	93.4	89.3
-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: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-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°	101.5	93.4	85.3	81.2	73.1	60.9	52.8	44.7	36.5	28.4	24.4
85°	215.2	194.9	170.5	158.3	142.1	125.9	109.6	93.4	77.1	60.9	44.7
82.5°	369.5	345.1	320.7	292.3	255.8	211.1	166.5	138.0	113.7	89.3	69.0
80°	556.2	511.6	471.0	434.4	393.8	337.0	276.1	219.2	154.3	117.7	89.3
77.5°	771.4	718.6	661.8	600.9	535.9	458.8	389.8	316.7	239.5	162.4	113.7
75°	1015.0	946.0	868.8	783.6	698.3	596.8	499.4	414.1	324.8	227.4	138.0
72.5°	1287.0	1201.8	1108.4	994.7	860.7	743.0	625.2	511.6	406.0	288.3	186.8
70°	1636.2	1502.2	1364.2	1242.4	1071.9	885.1	747.0	617.1	483.1	353.2	235.5
67.5°	2009.7	1847.3	1680.9	1502.2	1287.0	1067.8	868.8	722.7	564.3	414.1	280.1
65°	2415.7	2212.7	2001.6	1802.7	1506.3	1246.4	1023.1	824.2	641.5	471.0	324.8
62.5°	2833.9	2594.4	2350.8	2090.9	1749.9	1429.1	1169.3	937.9	714.6	523.7	365.4
60°	3280.5	3000.4	2704.0	2379.2	1981.3	1628.1	1307.3	1055.6	791.7	576.5	410.1
57.5°	3751.5	3447.0	3097.8	2659.3	2220.8	1818.9	1465.7	1161.2	860.7	625.2	442.5
55°	4263.0	3913.9	3532.2	2951.7	2456.3	2009.7	1624.0	1266.7	933.8	665.8	475.0
52.5°	4815.2	4409.2	3926.1	3260.2	2704.0	2204.6	1770.2	1360.1	1002.8	710.5	503.4
50°	5432.3	4920.8	4271.2	3544.4	2919.2	2387.3	1916.3	1461.6	1059.7	759.2	527.8
47.5°	6073.8	5521.7	4579.7	3808.3	3138.4	2565.9	2066.6	1550.9	1116.5	799.8	552.2
45°	6743.7	5939.8	4900.5	4043.8	3329.2	2728.4	2180.2	1632.1	1185.5	836.4	572.5
42.5°	7405.5	6256.5	5180.6	4279.3	3507.9	2874.5	2273.6	1709.3	1242.4	872.9	592.8
40°	7718.1	6496.1	5403.9	4441.7	3658.1	3004.4	2354.8	1778.3	1291.1	897.3	613.1
37.5°	7848.1	6642.2	5550.1	4596.0	3775.8	3073.5	2423.8	1839.2	1331.7	921.6	629.3
35°	7876.5	6695.0	5623.2	4701.5	3873.3	3138.4	2476.6	1883.9	1364.2	946.0	645.5
32.5°	7823.7	6678.8	5643.5	4738.1	3934.2	3187.1	2513.2	1916.3	1388.5	970.4	661.8
30°	7706.0	6593.5	5570.4	4734.0	3978.8	3215.6	2537.5	1940.7	1412.9	986.6	669.9
27.5°	7515.1	6443.3	5477.0	4738.1	4003.2	3227.7	2549.7	1952.9	1429.1	998.8	686.1
25°	7279.7	6240.3	5481.1	4730.0	4007.3	3231.8	2549.7	1952.9	1433.2	1002.8	698.3
22.5°	7007.6	6240.3	5481.1	4717.8	3982.9	3223.7	2537.5	1944.8	1433.2	1011.0	710.5
20°	7023.9	6244.3	5468.9	4693.4	3946.4	3199.3	2509.1	1924.5	1421.0	1023.1	718.6
17.5°	7036.1	6236.2	5444.5	4660.9	3897.6	3158.7	2472.6	1896.0	1421.0	1035.3	722.7
15°	7036.1	6211.9	5408.0	4612.2	3836.7	3101.9	2419.8	1871.7	1425.1	1039.4	730.8
12.5°	7023.9	6167.2	5351.1	4547.3	3763.7	3032.9	2387.3	1863.6	1425.1	1043.4	730.8
10°	6999.5	6106.3	5278.1	4466.0	3694.6	3008.5	2371.1	1847.3	1417.0	1043.4	730.8
7.5°	6954.9	6033.2	5217.2	4417.3	3654.0	2980.1	2346.7	1823.0	1404.8	1035.3	738.9
5°	6885.8	5992.6	5168.4	4360.5	3597.2	2959.8	2330.5	1802.7	1396.7	1035.3	730.8
2.5°	6796.5	5943.9	5111.6	4287.4	3532.2	2890.8	2277.7	1758.0	1368.2	1019.1	722.7
0°	6650.4	5846.5	5014.2	4185.9	3442.9	2821.7	2224.9	1713.3	1339.8	1002.8	714.6
-2.5°	6516.4	5716.5	4888.3	4080.3	3357.7	2760.8	2184.3	1689.0	1327.6	998.8	710.5
-5°	6329.6	5537.9	4721.8	3942.3	3244.0	2699.9	2143.7	1660.6	1315.5	990.7	710.5
-7.5°	6122.5	5351.1	4547.3	3800.2	3130.3	2594.4	2066.6	1615.9	1287.0	974.4	706.4
-10°	5801.8	5071.0	4328.0	3637.8	3008.5	2501.0	2001.6	1575.3	1262.7	958.2	690.2
-12.5°	5460.8	4762.4	4076.3	3438.9	2870.5	2403.5	1928.5	1530.6	1234.3	941.9	682.1
-15°	5099.4	4445.7	3812.4	3231.8	2720.2	2285.8	1851.4	1481.9	1205.8	921.6	669.9
-17.5°	4721.8	4112.8	3540.4	3020.7	2570.0	2164.0	1770.2	1437.3	1173.4	901.3	657.7
-20°	4323.9	3771.8	3264.3	2805.5	2411.7	2042.2	1684.9	1384.5	1136.8	877.0	641.5



REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3930.1	3434.8	2980.1	2594.4	2249.3	1916.3	1599.7	1331.7	1096.2	848.5	629.3
-25°	3581.0	3118.1	2728.4	2391.4	2090.9	1794.5	1510.3	1278.9	1051.6	820.1	613.1
-27.5°	3239.9	2846.1	2480.7	2200.5	1936.6	1676.8	1425.1	1222.1	1006.9	787.6	596.8
-30°	2923.2	2586.2	2285.8	2013.8	1790.5	1571.2	1352.0	1165.2	958.2	755.2	576.5
-32.5°	2635.0	2362.9	2111.2	1851.4	1652.4	1465.7	1283.0	1108.4	909.5	722.7	556.2
-35°	2367.0	2155.9	1936.6	1717.4	1514.4	1368.2	1209.9	1047.5	864.8	686.1	535.9
-37.5°	2127.5	1956.9	1782.4	1595.6	1421.0	1274.9	1140.9	986.6	820.1	653.7	515.6
-40°	1920.4	1782.4	1628.1	1477.9	1331.7	1193.7	1071.9	925.7	775.5	629.3	495.3
-42.5°	1729.6	1624.0	1498.2	1372.3	1242.4	1120.6	1002.8	860.7	730.8	600.9	475.0
-45°	1583.4	1477.9	1376.4	1262.7	1153.1	1047.5	929.8	803.9	690.2	568.4	454.7
-47.5°	1445.4	1352.0	1258.6	1165.2	1075.9	978.5	860.7	755.2	645.5	540.0	438.5
-50°	1323.6	1234.3	1153.1	1071.9	994.7	901.3	791.7	706.4	609.0	511.6	418.2
-52.5°	1209.9	1132.8	1051.6	986.6	921.6	828.2	738.9	657.7	572.5	479.1	397.9
-55°	1108.4	1035.3	962.2	901.3	840.4	759.2	686.1	617.1	535.9	454.7	377.6
-57.5°	1011.0	950.1	881.0	824.2	763.3	698.3	637.4	572.5	499.4	430.4	357.3
-60°	921.6	864.8	803.9	747.0	694.3	641.5	584.6	531.9	466.9	401.9	337.0
-62.5°	832.3	783.6	730.8	674.0	633.4	584.6	540.0	487.2	434.4	377.6	300.4
-65°	751.1	706.4	657.7	609.0	572.5	535.9	495.3	446.6	401.9	349.2	268.0
-67.5°	669.9	629.3	588.7	548.1	515.6	487.2	446.6	410.1	373.5	316.7	235.5
-70°	592.8	560.3	523.7	491.3	466.9	434.4	406.0	373.5	341.0	276.1	198.9
-72.5°	519.7	487.2	458.8	434.4	414.1	385.7	361.3	337.0	292.3	231.4	166.5
-75°	434.4	414.1	397.9	377.6	357.3	337.0	316.7	288.3	243.6	186.8	129.9
-77.5°	357.3	345.1	332.9	316.7	300.4	284.2	259.8	231.4	194.9	146.2	105.6
-80°	292.3	280.1	272.0	255.8	243.6	227.4	203.0	178.6	142.1	113.7	85.3
-82.5°	223.3	215.2	207.1	198.9	186.8	170.5	146.2	125.9	105.6	85.3	65.0
-85°	158.3	154.3	146.2	138.0	125.9	113.7	97.4	85.3	73.1	56.8	44.7
-87.5°	81.2	77.1	73.1	69.0	65.0	56.8	48.7	40.6	36.5	28.4	20.3
-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: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.2	12.2	4.1	0.0
85°	32.5	20.3	8.1	0.0
82.5°	48.7	32.5	12.2	0.0
80°	65.0	40.6	20.3	0.0
77.5°	81.2	48.7	24.4	0.0
75°	97.4	60.9	28.4	0.0
72.5°	109.6	69.0	32.5	0.0
70°	129.9	81.2	36.5	0.0
67.5°	162.4	89.3	40.6	0.0
65°	190.8	97.4	44.7	0.0
62.5°	223.3	105.6	48.7	0.0
60°	251.7	113.7	52.8	0.0
57.5°	280.1	134.0	56.8	0.0
55°	304.5	150.2	60.9	0.0
52.5°	332.9	166.5	65.0	0.0
50°	357.3	182.7	69.0	0.0
47.5°	377.6	198.9	69.0	0.0
45°	393.8	211.1	73.1	0.0
42.5°	406.0	223.3	77.1	0.0
40°	418.2	235.5	81.2	0.0
37.5°	430.4	247.7	81.2	0.0
35°	442.5	259.8	85.3	0.0
32.5°	454.7	272.0	85.3	0.0
30°	462.8	280.1	89.3	0.0
27.5°	475.0	288.3	89.3	0.0
25°	479.1	296.4	93.4	0.0
22.5°	487.2	300.4	93.4	0.0
20°	495.3	308.6	93.4	0.0
17.5°	499.4	312.6	97.4	0.0
15°	499.4	316.7	101.5	0.0
12.5°	503.4	320.7	101.5	0.0
10°	503.4	328.9	97.4	0.0
7.5°	511.6	324.8	97.4	0.0
5°	507.5	324.8	97.4	0.0
2.5°	503.4	320.7	97.4	0.0
0°	499.4	320.7	97.4	0.0
-2.5°	499.4	320.7	97.4	0.0
-5°	499.4	320.7	97.4	0.0
-7.5°	495.3	324.8	97.4	0.0
-10°	487.2	324.8	97.4	0.0
-12.5°	483.1	312.6	97.4	0.0
-15°	479.1	308.6	97.4	0.0
-17.5°	471.0	304.5	93.4	0.0
-20°	462.8	300.4	93.4	0.0



REPORT NUMBER: P722302
 CATALOG NUMBER: IFLD-L-SA7E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	454.7	292.3	93.4	0.0
-25°	446.6	284.2	89.3	0.0
-27.5°	438.5	276.1	89.3	0.0
-30°	426.3	268.0	85.3	0.0
-32.5°	414.1	259.8	85.3	0.0
-35°	406.0	247.7	81.2	0.0
-37.5°	393.8	235.5	81.2	0.0
-40°	381.6	223.3	77.1	0.0
-42.5°	369.5	211.1	73.1	0.0
-45°	353.2	198.9	73.1	0.0
-47.5°	341.0	186.8	69.0	0.0
-50°	320.7	170.5	65.0	0.0
-52.5°	296.4	154.3	60.9	0.0
-55°	272.0	142.1	56.8	0.0
-57.5°	247.7	125.9	56.8	0.0
-60°	223.3	109.6	52.8	0.0
-62.5°	198.9	101.5	48.7	0.0
-65°	174.6	93.4	44.7	0.0
-67.5°	146.2	81.2	40.6	0.0
-70°	121.8	73.1	36.5	0.0
-72.5°	105.6	65.0	32.5	0.0
-75°	89.3	56.8	28.4	0.0
-77.5°	77.1	48.7	24.4	0.0
-80°	60.9	36.5	16.2	0.0
-82.5°	44.7	28.4	12.2	0.0
-85°	28.4	20.3	8.1	0.0
-87.5°	16.2	8.1	4.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)