

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: P722303

Luminaire Tested: **IFLD-L-SA8A-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722303
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

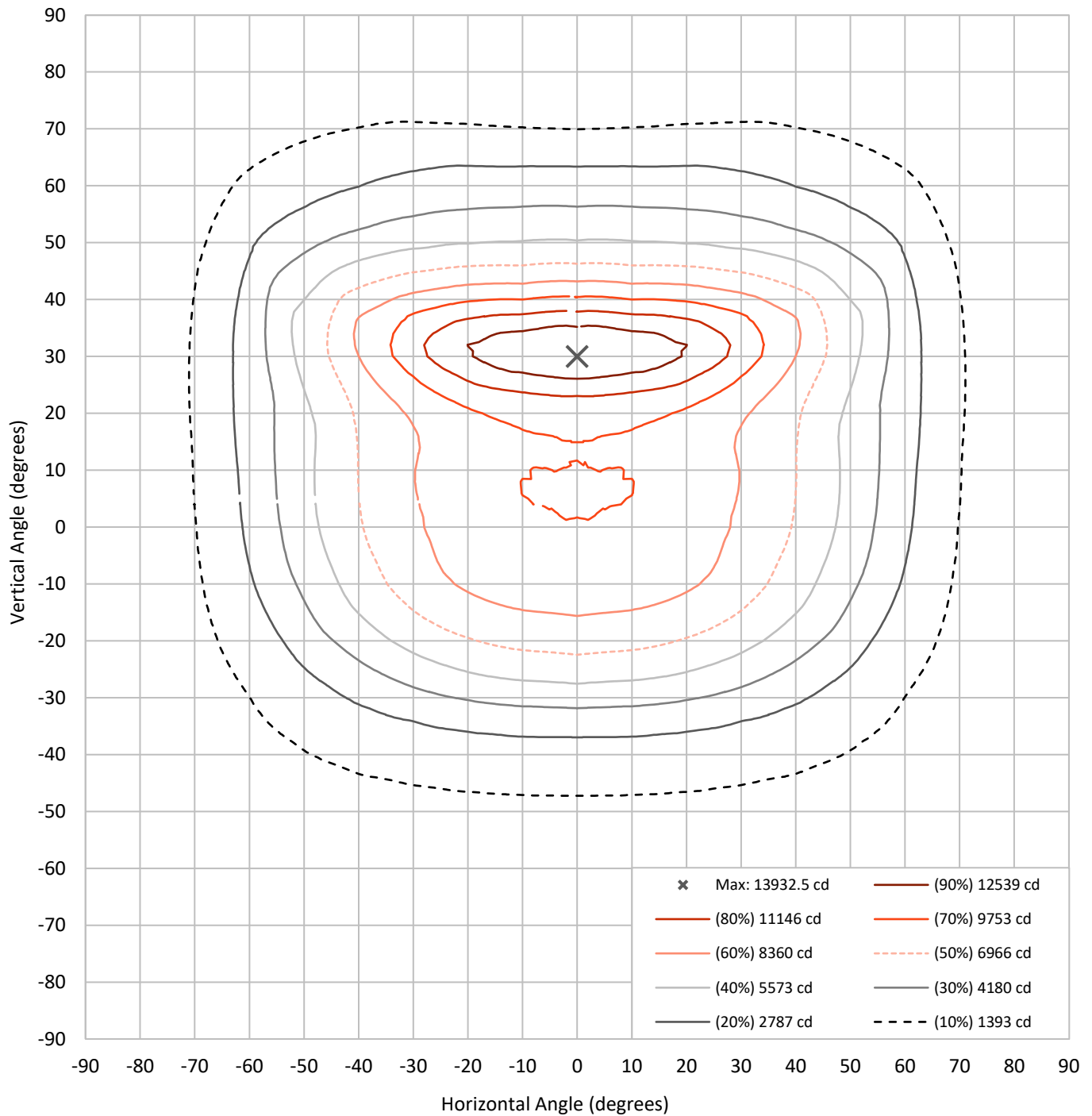
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23256.8 lumens	Max Intensity:	13932.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13524.1 lumens	Field Lumens:	21794.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 247.8
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: P722303
CATALOG NUMBER: IFLD-L-SA8A-935-U-76

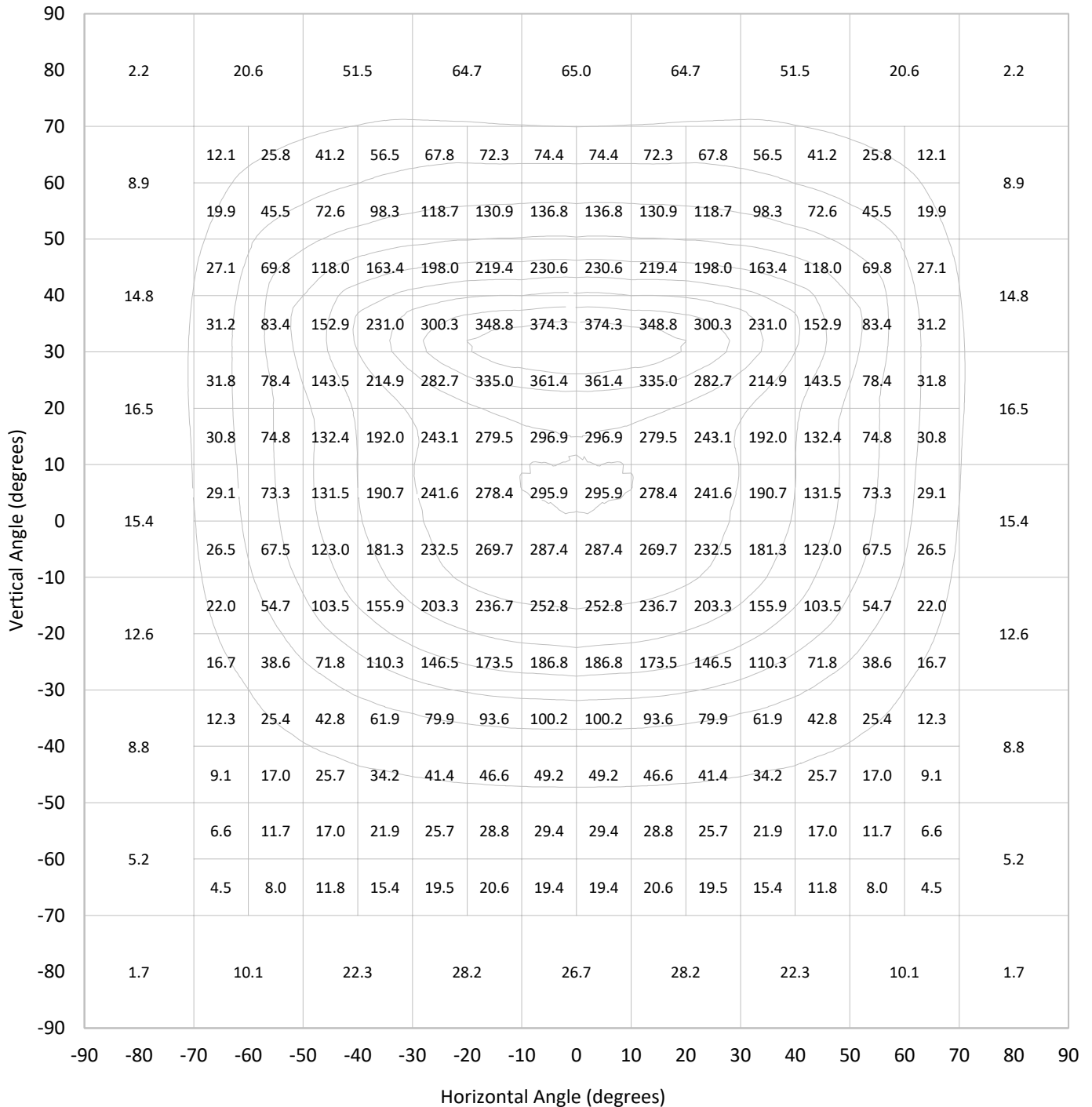
Iso-Candela Plot





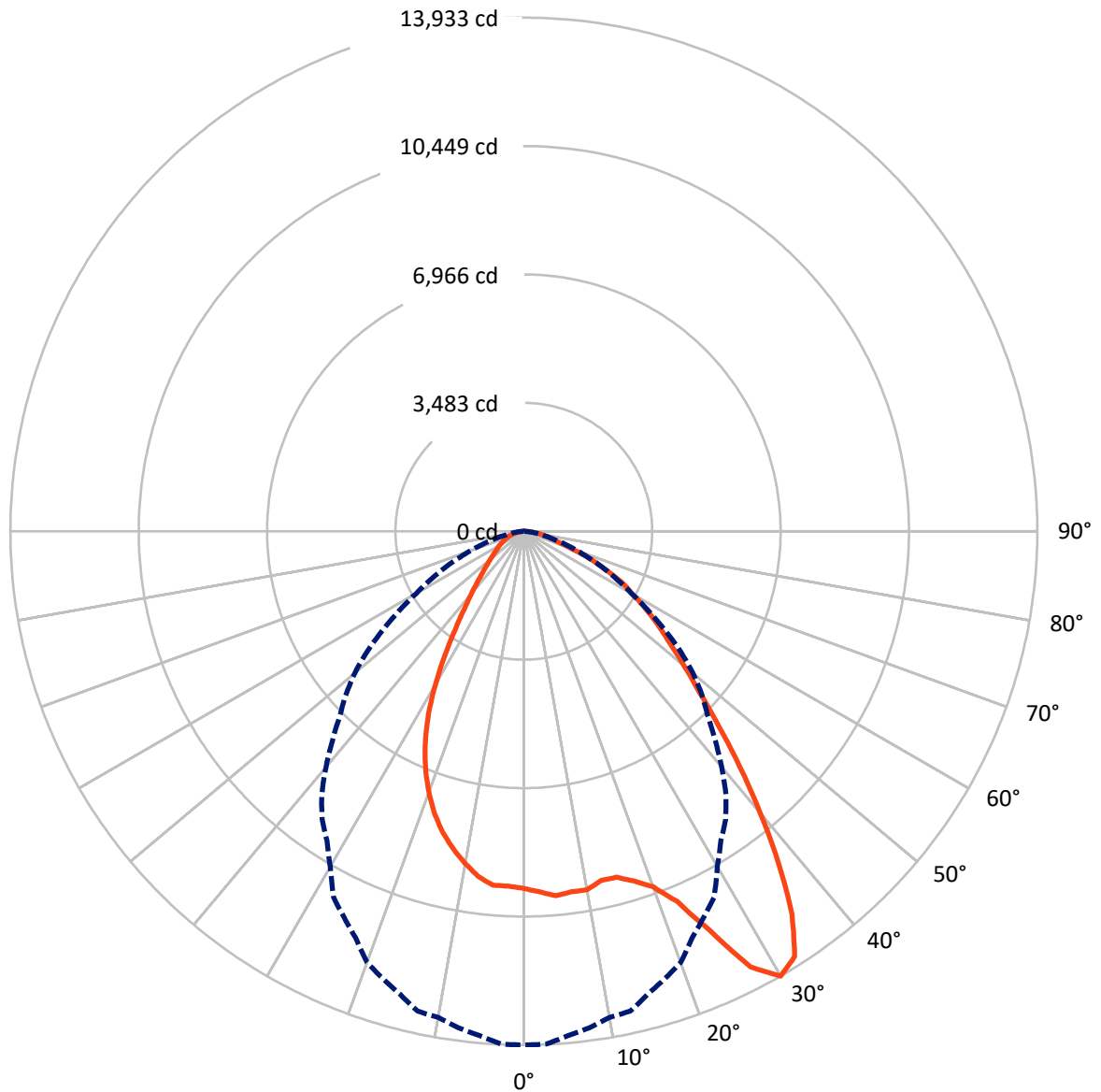
REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-935-U-76

Lumen Table



REPORT NUMBER: P722303
CATALOG NUMBER: IFLD-L-SA8A-935-U-76

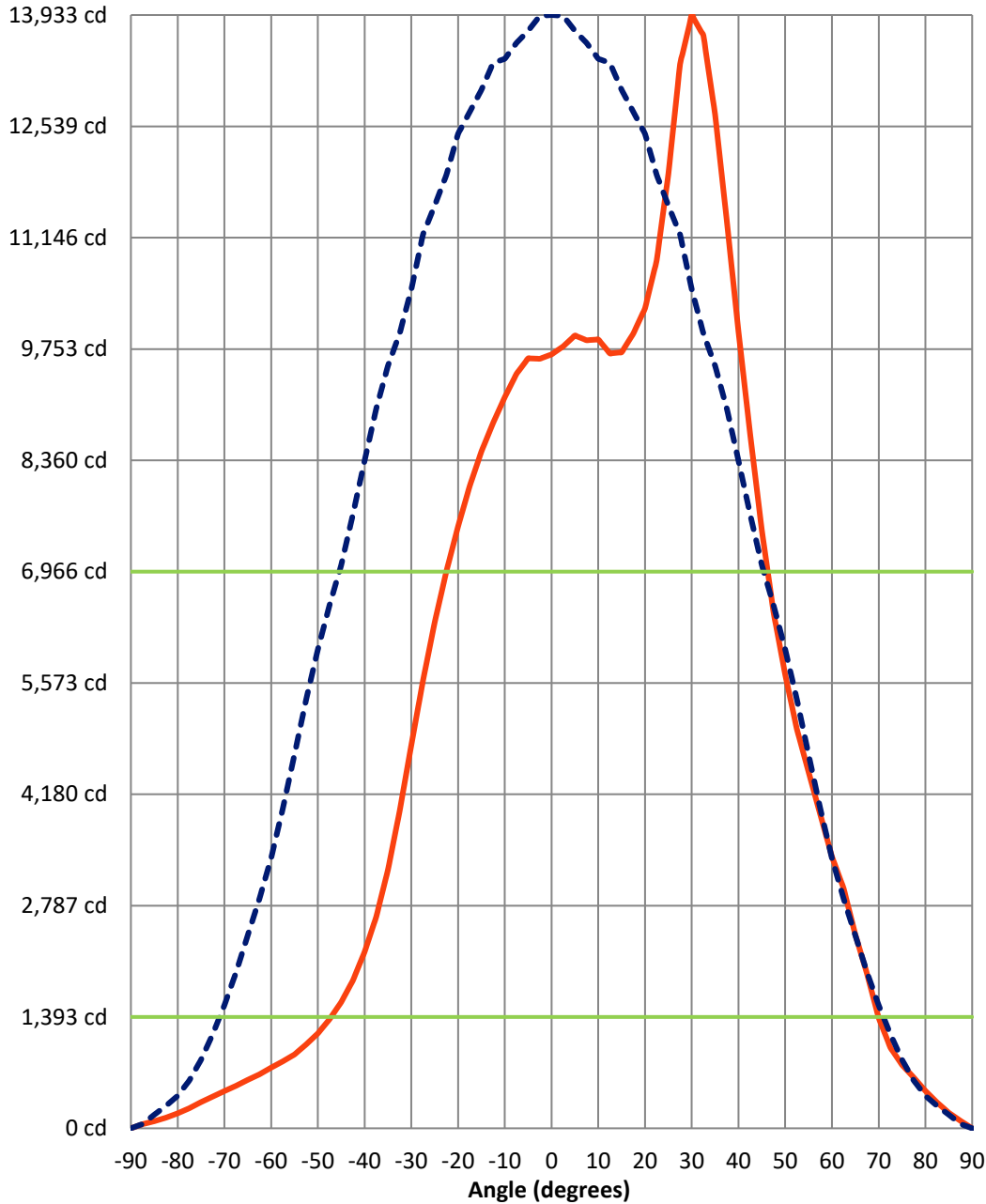
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-935-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 13524.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21794.6
 Efficiency: 93.7%

Spill:
 Lumens: 1462.2
 Efficiency: 6.3%

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



REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-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°	93.6	96.1	98.5	98.5	96.1	96.1	96.1	93.6	96.1	96.1	96.1
85°	194.6	199.6	204.5	202.0	199.6	194.6	189.7	192.2	194.6	197.1	197.1
82.5°	322.8	330.1	335.1	332.6	327.7	322.8	317.8	320.3	325.2	327.7	327.7
80°	468.1	470.6	473.0	478.0	470.6	470.6	468.1	478.0	482.9	487.8	492.7
77.5°	635.6	638.1	638.1	640.6	643.0	645.5	645.5	662.7	675.1	682.5	689.8
75°	793.3	800.7	808.1	815.5	825.4	830.3	837.7	862.3	882.0	896.8	911.6
72.5°	1010.1	1020.0	1032.3	1049.6	1066.8	1079.1	1096.4	1125.9	1148.1	1162.9	1180.1
70°	1382.2	1392.0	1404.3	1416.7	1433.9	1446.2	1463.5	1500.4	1522.6	1532.4	1542.3
67.5°	1934.0	1958.7	1980.8	1956.2	1943.9	1926.6	1931.6	1966.1	1988.2	2003.0	2000.6
65°	2424.3	2441.6	2441.6	2439.1	2429.3	2407.1	2419.4	2461.3	2485.9	2498.2	2461.3
62.5°	3000.8	3000.8	2988.5	3008.2	3010.7	2995.9	2988.5	2991.0	2993.4	3000.8	2939.2
60°	3400.0	3424.6	3432.0	3449.2	3454.2	3454.2	3466.5	3476.3	3476.3	3461.6	3390.1
57.5°	3927.2	3974.0	3983.9	3971.6	3946.9	3914.9	3910.0	3895.2	3865.6	3836.0	3801.6
55°	4459.4	4484.0	4481.5	4474.2	4449.5	4412.6	4417.5	4397.8	4351.0	4314.0	4267.2
52.5°	4994.0	5053.1	5063.0	5048.2	5013.7	4974.3	4976.8	4954.6	4907.8	4868.4	4804.3
50°	5676.5	5725.7	5720.8	5696.2	5646.9	5617.3	5619.8	5577.9	5523.7	5511.4	5427.6
47.5°	6457.5	6514.1	6504.3	6469.8	6403.3	6391.0	6403.3	6349.1	6317.0	6289.9	6191.4
45°	7482.4	7548.9	7512.0	7445.4	7339.5	7351.8	7369.1	7359.2	7290.2	7218.8	7093.1
42.5°	8684.7	8726.6	8682.2	8615.7	8482.7	8507.3	8497.5	8438.3	8396.4	8278.2	8118.0
40°	9970.8	10061.9	9992.9	9889.5	9751.5	9788.5	9761.4	9685.0	9586.4	9438.6	9236.6
37.5°	11357.9	11429.3	11350.5	11229.7	11106.6	11094.2	11040.0	10921.8	10781.3	10618.7	10296.0
35°	12685.8	12870.6	12725.2	12533.1	12382.8	12326.1	12274.4	12000.9	11840.8	11577.1	11136.1
32.5°	13673.8	13809.3	13629.4	13429.9	13247.6	13168.7	12986.4	12661.2	12574.9	12020.6	11616.6
30°	13932.5	13922.6	13735.4	13582.6	13385.5	13331.3	12996.2	12720.3	12444.4	11931.9	11547.6
27.5°	13316.5	13254.9	13075.1	12942.0	12747.4	12683.4	12353.2	12205.4	11779.2	11345.5	11020.3
25°	11944.2	11976.3	11840.8	11774.2	11646.1	11508.1	11377.6	11178.0	10911.9	10532.5	10234.4
22.5°	10862.6	10904.5	10847.9	10769.0	10670.5	10594.1	10495.5	10340.3	10084.1	9850.0	9569.2
20°	10261.5	10249.2	10199.9	10140.8	10047.1	9992.9	9884.5	9754.0	9556.9	9354.8	9051.8
17.5°	9946.1	9869.8	9822.9	9800.8	9751.5	9682.5	9554.4	9421.4	9268.6	9039.5	8817.7
15°	9712.1	9724.4	9687.4	9670.2	9630.8	9534.7	9404.1	9295.7	9088.8	8973.0	8770.9
12.5°	9697.3	9685.0	9687.4	9680.0	9630.8	9507.6	9441.1	9303.1	9170.1	9017.3	8785.7
10°	9872.2	9741.6	9751.5	9786.0	9707.2	9608.6	9537.2	9386.9	9261.2	9066.6	8837.4
7.5°	9862.4	9795.8	9815.6	9758.9	9783.5	9662.8	9564.3	9414.0	9256.3	9049.3	8842.4
5°	9921.5	9820.5	9803.2	9808.2	9746.6	9655.4	9522.4	9379.5	9231.6	9000.1	8788.2
2.5°	9786.0	9800.8	9721.9	9692.4	9685.0	9532.2	9409.0	9271.1	9118.3	8913.8	8724.1
0°	9685.0	9712.1	9630.8	9588.9	9586.4	9455.8	9377.0	9219.3	9110.9	8940.9	8711.8
-2.5°	9630.8	9662.8	9672.7	9596.3	9522.4	9421.4	9288.3	9118.3	8940.9	8743.8	8546.7
-5°	9635.7	9571.6	9544.5	9569.2	9505.1	9404.1	9256.3	9106.0	8931.1	8719.2	8472.8
-7.5°	9441.1	9377.0	9372.1	9359.8	9345.0	9248.9	9125.7	8963.1	8785.7	8588.6	8359.5
-10°	9150.3	9103.5	9091.2	9078.9	9039.5	8982.8	8867.0	8719.2	8559.0	8361.9	8118.0
-12.5°	8827.6	8805.4	8758.6	8726.6	8687.2	8620.6	8509.8	8374.3	8214.1	8039.2	7829.8
-15°	8470.4	8428.5	8381.7	8354.6	8297.9	8219.0	8108.2	7982.5	7807.6	7635.1	7438.0
-17.5°	8039.2	7987.5	7935.7	7928.3	7888.9	7768.2	7664.7	7512.0	7359.2	7194.1	7002.0
-20°	7531.7	7460.2	7425.7	7406.0	7351.8	7263.1	7152.2	7011.8	6864.0	6706.3	6484.6



REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-935-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6969.9	6908.3	6849.2	6812.3	6765.4	6696.5	6590.5	6467.3	6322.0	6144.6	5940.1
-25°	6331.8	6245.6	6208.6	6166.8	6142.1	6078.1	5974.6	5861.2	5711.0	5538.5	5343.9
-27.5°	5602.6	5533.6	5513.9	5454.7	5425.2	5358.6	5272.4	5166.5	5028.5	4865.9	4705.8
-30°	4796.9	4755.0	4723.0	4663.9	4641.7	4570.2	4513.6	4424.9	4299.2	4183.4	4055.3
-32.5°	3969.1	3927.2	3917.4	3890.3	3875.5	3828.7	3764.6	3700.5	3599.5	3513.3	3409.8
-35°	3234.9	3205.3	3207.8	3205.3	3190.5	3156.1	3077.2	3060.0	2986.1	2907.2	2840.7
-37.5°	2648.5	2651.0	2648.5	2646.1	2626.4	2611.6	2554.9	2532.7	2488.4	2412.0	2372.6
-40°	2207.5	2212.4	2210.0	2205.1	2182.9	2175.5	2138.5	2109.0	2091.7	2037.5	1995.6
-42.5°	1850.3	1857.7	1855.2	1852.7	1838.0	1835.5	1815.8	1781.3	1771.4	1739.4	1695.1
-45°	1579.3	1576.8	1571.9	1576.8	1569.4	1562.0	1549.7	1527.5	1515.2	1500.4	1463.5
-47.5°	1364.9	1367.4	1362.5	1362.5	1352.6	1345.2	1340.3	1325.5	1315.6	1303.3	1281.1
-50°	1187.5	1197.4	1194.9	1192.5	1185.1	1180.1	1180.1	1165.4	1150.6	1145.6	1130.9
-52.5°	1049.6	1056.9	1059.4	1064.3	1066.8	1069.3	1061.9	1047.1	1022.5	1020.0	1012.6
-55°	923.9	946.1	960.9	970.7	980.6	988.0	973.2	953.5	928.8	919.0	916.5
-57.5°	837.7	859.8	877.1	891.9	904.2	916.5	901.7	882.0	859.8	847.5	845.1
-60°	758.8	778.5	795.8	815.5	832.7	852.5	845.1	830.3	818.0	808.1	798.3
-62.5°	675.1	694.8	714.5	739.1	761.3	781.0	783.5	781.0	778.5	781.0	763.8
-65°	606.1	615.9	628.3	655.4	680.0	702.2	714.5	721.9	734.2	746.5	729.3
-67.5°	532.2	544.5	559.3	579.0	598.7	613.5	630.7	650.4	670.1	689.8	677.5
-70°	465.6	475.5	487.8	497.7	510.0	519.8	534.6	556.8	579.0	598.7	593.8
-72.5°	396.7	406.5	413.9	418.8	426.2	431.2	438.5	458.3	473.0	482.9	482.9
-75°	327.7	337.5	344.9	347.4	352.3	354.8	359.7	367.1	374.5	377.0	379.4
-77.5°	251.3	261.2	268.5	273.5	278.4	283.3	285.8	290.7	293.2	293.2	295.6
-80°	187.2	194.6	199.6	207.0	209.4	214.3	219.3	221.7	224.2	224.2	226.7
-82.5°	133.0	138.0	142.9	147.8	152.8	155.2	160.1	162.6	165.1	167.5	170.0
-85°	88.7	93.6	98.5	103.5	105.9	108.4	110.9	113.3	115.8	118.3	120.7
-87.5°	51.7	54.2	56.7	61.6	64.1	69.0	71.4	69.0	71.4	71.4	71.4
-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: P722303
 CATALOG NUMBER: IFLD-L-SA8A-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°	96.1	96.1	96.1	96.1	93.6	88.7	86.2	81.3	76.4	71.4	66.5
85°	199.6	202.0	202.0	202.0	197.1	194.6	187.2	179.9	170.0	155.2	142.9
82.5°	332.6	335.1	335.1	332.6	327.7	320.3	310.4	298.1	278.4	258.7	241.4
80°	500.1	502.6	502.6	500.1	487.8	475.5	463.2	448.4	423.8	396.7	367.1
77.5°	699.7	704.6	704.6	697.2	680.0	665.2	645.5	620.9	583.9	544.5	505.1
75°	931.3	943.6	946.1	938.7	916.5	889.4	857.4	815.5	758.8	709.6	662.7
72.5°	1199.8	1212.2	1222.0	1212.2	1180.1	1143.2	1096.4	1047.1	990.4	923.9	845.1
70°	1552.2	1564.5	1571.9	1539.8	1483.2	1421.6	1364.9	1308.2	1241.7	1160.4	1074.2
67.5°	1995.6	1983.3	1968.5	1904.5	1833.0	1759.1	1680.3	1596.5	1510.3	1424.0	1323.0
65°	2421.9	2387.4	2355.3	2279.0	2187.8	2091.7	2000.6	1906.9	1803.5	1695.1	1599.0
62.5°	2870.3	2796.3	2717.5	2623.9	2530.3	2424.3	2333.2	2222.3	2106.5	1973.5	1850.3
60°	3311.3	3222.6	3143.7	3027.9	2904.8	2761.9	2663.3	2554.9	2419.4	2276.5	2131.1
57.5°	3737.5	3641.4	3555.2	3454.2	3321.1	3165.9	3057.5	2917.1	2774.2	2594.3	2446.5
55°	4190.8	4094.7	4025.8	3912.4	3767.1	3624.2	3505.9	3358.1	3158.5	2966.3	2784.0
52.5°	4710.7	4634.3	4560.4	4444.6	4269.7	4124.3	3993.7	3828.7	3619.2	3382.7	3163.4
50°	5292.1	5252.7	5173.9	5038.4	4838.8	4710.7	4538.2	4318.9	4094.7	3845.9	3572.4
47.5°	6063.3	5999.2	5888.3	5740.5	5573.0	5380.8	5149.2	4893.0	4575.2	4299.2	4008.5
45°	6984.7	6866.5	6723.6	6524.0	6317.0	6100.2	5846.5	5521.2	5095.0	4735.3	4429.8
42.5°	7982.5	7822.4	7627.8	7366.6	7098.0	6832.0	6558.5	6115.0	5582.8	5168.9	4824.0
40°	9024.7	8820.2	8576.3	8196.9	7898.8	7556.3	7243.4	6580.7	6014.0	5565.6	5198.5
37.5°	10044.7	9786.0	9377.0	8916.3	8568.9	8288.0	7600.6	6891.1	6383.6	5890.8	5518.8
35°	10825.7	10606.4	9884.5	9406.6	9108.5	8665.0	7805.1	7078.3	6541.2	6132.3	5553.3
32.5°	11288.9	10722.2	10089.0	9606.1	9359.8	8633.0	7819.9	7132.5	6615.2	6156.9	5464.6
30°	11185.4	10500.5	9946.1	9542.1	9007.4	8354.6	7682.0	7048.8	6546.2	5991.8	5366.0
27.5°	10562.1	10032.4	9537.2	9115.9	8591.1	8004.7	7383.8	6827.0	6358.9	5821.8	5230.5
25°	9857.4	9377.0	9009.9	8642.8	8145.1	7585.9	7038.9	6637.3	6166.8	5637.0	5053.1
22.5°	9209.5	8864.5	8576.3	8191.9	7706.6	7218.8	6878.8	6462.4	5979.5	5442.4	4870.8
20°	8795.6	8561.5	8231.4	7807.6	7425.7	7120.2	6743.3	6302.3	5804.6	5242.8	4715.6
17.5°	8596.0	8325.0	7957.9	7682.0	7388.8	7053.7	6632.4	6164.3	5634.6	5151.7	4732.9
15°	8492.5	8206.7	7965.3	7694.3	7364.1	7011.8	6543.7	6058.3	5634.6	5188.6	4745.2
12.5°	8514.7	8268.3	8004.7	7709.1	7354.3	6977.3	6553.6	6102.7	5664.1	5215.7	4747.6
10°	8583.7	8325.0	8044.1	7716.4	7359.2	6987.2	6580.7	6129.8	5678.9	5228.1	4742.7
7.5°	8608.3	8327.5	8026.9	7696.7	7346.9	6982.2	6585.6	6137.2	5681.4	5225.6	4727.9
5°	8531.9	8278.2	7987.5	7654.9	7312.4	6957.6	6565.9	6127.3	5661.7	5201.0	4691.0
2.5°	8428.5	8224.0	7945.6	7625.3	7277.9	6923.1	6533.8	6083.0	5617.3	5156.6	4644.2
0°	8411.2	8157.5	7876.6	7590.8	7221.2	6846.7	6459.9	5999.2	5536.0	5072.8	4562.9
-2.5°	8297.9	8029.3	7748.5	7438.0	7112.8	6735.9	6329.4	5878.5	5420.2	4964.4	4474.2
-5°	8211.7	7913.5	7615.4	7280.4	6952.7	6575.7	6154.4	5715.9	5267.5	4824.0	4351.0
-7.5°	8095.9	7790.4	7477.5	7127.6	6772.8	6388.5	5972.1	5533.6	5092.6	4651.5	4198.2
-10°	7861.8	7593.3	7300.1	6937.9	6563.4	6179.1	5765.2	5334.0	4893.0	4447.1	3991.3
-12.5°	7578.5	7295.1	6974.9	6642.3	6307.2	5949.9	5536.0	5112.3	4668.8	4220.4	3767.1
-15°	7211.4	6933.0	6605.3	6280.1	5957.3	5614.9	5250.2	4868.4	4417.5	3976.5	3523.2
-17.5°	6753.1	6492.0	6198.8	5888.3	5568.1	5223.1	4868.4	4545.6	4124.3	3710.4	3262.0
-20°	6260.4	6016.5	5752.8	5459.7	5139.4	4801.8	4466.8	4129.2	3764.6	3400.0	2983.6



REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-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°	5747.9	5501.5	5235.5	4962.0	4666.3	4353.4	4043.0	3720.3	3400.0	3069.8	2717.5
-25°	5156.6	4939.8	4695.9	4429.8	4166.2	3892.7	3597.1	3303.9	3030.4	2744.6	2456.4
-27.5°	4538.2	4338.7	4116.9	3885.3	3658.7	3429.5	3173.3	2902.3	2675.6	2439.1	2200.1
-30°	3887.8	3727.6	3547.8	3345.8	3170.8	2986.1	2771.7	2547.5	2340.6	2160.7	1968.5
-32.5°	3271.9	3136.3	3008.2	2875.2	2702.7	2559.8	2412.0	2246.9	2064.6	1894.6	1756.6
-35°	2742.1	2596.8	2542.6	2444.0	2320.8	2195.2	2086.8	1968.5	1830.6	1680.3	1566.9
-37.5°	2296.2	2210.0	2133.6	2079.4	1998.1	1897.1	1810.9	1724.6	1618.7	1505.3	1392.0
-40°	1948.8	1889.7	1805.9	1778.8	1727.1	1658.1	1569.4	1502.9	1431.4	1345.2	1249.1
-42.5°	1670.4	1626.1	1571.9	1525.1	1502.9	1453.6	1384.6	1320.6	1263.9	1204.8	1130.9
-45°	1441.3	1411.7	1377.2	1335.3	1318.1	1278.7	1229.4	1158.0	1125.9	1076.7	1022.5
-47.5°	1256.5	1241.7	1217.1	1190.0	1165.4	1135.8	1091.4	1047.1	1002.7	970.7	928.8
-50°	1111.1	1101.3	1086.5	1064.3	1032.3	1012.6	983.0	943.6	901.7	874.6	845.1
-52.5°	995.4	985.5	975.6	958.4	933.8	914.0	889.4	857.4	822.9	795.8	771.2
-55°	906.7	891.9	884.5	869.7	850.0	827.8	805.6	783.5	753.9	729.3	704.6
-57.5°	837.7	818.0	808.1	795.8	776.1	753.9	736.7	714.5	694.8	667.7	645.5
-60°	783.5	761.3	741.6	729.3	712.0	689.8	672.6	655.4	635.6	613.5	586.4
-62.5°	739.1	712.0	684.9	670.1	652.9	633.2	615.9	598.7	579.0	556.8	532.2
-65°	697.2	665.2	630.7	615.9	598.7	579.0	556.8	544.5	527.2	507.5	482.9
-67.5°	645.5	611.0	581.4	564.2	547.0	529.7	510.0	497.7	480.4	455.8	431.2
-70°	569.1	547.0	527.2	512.5	497.7	482.9	463.2	443.5	423.8	401.6	379.4
-72.5°	473.0	465.6	463.2	455.8	438.5	421.3	401.6	381.9	364.6	347.4	330.1
-75°	381.9	386.8	391.7	389.3	372.0	354.8	337.5	320.3	308.0	293.2	278.4
-77.5°	303.0	308.0	312.9	312.9	300.6	290.7	278.4	266.1	256.2	243.9	229.1
-80°	234.1	241.4	248.8	253.8	243.9	236.5	226.7	216.8	207.0	197.1	187.2
-82.5°	177.4	184.8	192.2	197.1	189.7	184.8	177.4	170.0	162.6	152.8	145.4
-85°	128.1	133.0	138.0	140.4	135.5	130.6	125.7	120.7	115.8	108.4	103.5
-87.5°	73.9	76.4	78.8	81.3	76.4	71.4	69.0	64.1	61.6	56.7	54.2
-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: P722303
 CATALOG NUMBER: IFLD-L-SA8A-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°	61.6	56.7	51.7	49.3	44.3	37.0	32.0	27.1	22.2	17.2	14.8
85°	130.6	118.3	103.5	96.1	86.2	76.4	66.5	56.7	46.8	37.0	27.1
82.5°	224.2	209.4	194.6	177.4	155.2	128.1	101.0	83.8	69.0	54.2	41.9
80°	337.5	310.4	285.8	263.6	239.0	204.5	167.5	133.0	93.6	71.4	54.2
77.5°	468.1	436.1	401.6	364.6	325.2	278.4	236.5	192.2	145.4	98.5	69.0
75°	615.9	574.1	527.2	475.5	423.8	362.2	303.0	251.3	197.1	138.0	83.8
72.5°	781.0	729.3	672.6	603.6	522.3	450.9	379.4	310.4	246.4	174.9	113.3
70°	992.9	911.6	827.8	753.9	650.4	537.1	453.3	374.5	293.2	214.3	142.9
67.5°	1219.6	1121.0	1020.0	911.6	781.0	648.0	527.2	438.5	342.5	251.3	170.0
65°	1465.9	1342.7	1214.6	1093.9	914.0	756.4	620.9	500.1	389.3	285.8	197.1
62.5°	1719.7	1574.3	1426.5	1268.8	1061.9	867.2	709.6	569.1	433.6	317.8	221.7
60°	1990.7	1820.7	1640.9	1443.8	1202.3	988.0	793.3	640.6	480.4	349.9	248.8
57.5°	2276.5	2091.7	1879.8	1613.8	1347.7	1103.8	889.4	704.6	522.3	379.4	268.5
55°	2586.9	2375.0	2143.5	1791.1	1490.6	1219.6	985.5	768.7	566.7	404.1	288.3
52.5°	2922.0	2675.6	2382.4	1978.4	1640.9	1337.8	1074.2	825.4	608.5	431.2	305.5
50°	3296.5	2986.1	2591.9	2150.8	1771.4	1448.7	1162.9	886.9	643.0	460.7	320.3
47.5°	3685.8	3350.7	2779.1	2311.0	1904.5	1557.1	1254.0	941.2	677.5	485.4	335.1
45°	4092.3	3604.5	2973.7	2453.9	2020.3	1655.6	1323.0	990.4	719.4	507.5	347.4
42.5°	4493.9	3796.6	3143.7	2596.8	2128.7	1744.3	1379.7	1037.2	753.9	529.7	359.7
40°	4683.6	3942.0	3279.2	2695.3	2219.8	1823.2	1429.0	1079.1	783.5	544.5	372.0
37.5°	4762.4	4030.7	3367.9	2789.0	2291.3	1865.1	1470.9	1116.1	808.1	559.3	381.9
35°	4779.7	4062.7	3412.3	2853.0	2350.4	1904.5	1502.9	1143.2	827.8	574.1	391.7
32.5°	4747.6	4052.9	3424.6	2875.2	2387.4	1934.0	1525.1	1162.9	842.6	588.8	401.6
30°	4676.2	4001.1	3380.3	2872.7	2414.5	1951.3	1539.8	1177.7	857.4	598.7	406.5
27.5°	4560.4	3910.0	3323.6	2875.2	2429.3	1958.7	1547.2	1185.1	867.2	606.1	416.4
25°	4417.5	3786.8	3326.1	2870.3	2431.7	1961.1	1547.2	1185.1	869.7	608.5	423.8
22.5°	4252.4	3786.8	3326.1	2862.9	2416.9	1956.2	1539.8	1180.1	869.7	613.5	431.2
20°	4262.3	3789.2	3318.7	2848.1	2394.8	1941.4	1522.6	1167.8	862.3	620.9	436.1
17.5°	4269.7	3784.3	3303.9	2828.4	2365.2	1916.8	1500.4	1150.6	862.3	628.3	438.5
15°	4269.7	3769.5	3281.7	2798.8	2328.2	1882.3	1468.4	1135.8	864.8	630.7	443.5
12.5°	4262.3	3742.4	3247.2	2759.4	2283.9	1840.4	1448.7	1130.9	864.8	633.2	443.5
10°	4247.5	3705.5	3202.9	2710.1	2242.0	1825.6	1438.8	1121.0	859.8	633.2	443.5
7.5°	4220.4	3661.1	3165.9	2680.6	2217.4	1808.4	1424.0	1106.2	852.5	628.3	448.4
5°	4178.5	3636.5	3136.3	2646.1	2182.9	1796.1	1414.2	1093.9	847.5	628.3	443.5
2.5°	4124.3	3606.9	3101.9	2601.7	2143.5	1754.2	1382.2	1066.8	830.3	618.4	438.5
0°	4035.6	3547.8	3042.7	2540.1	2089.3	1712.3	1350.1	1039.7	813.0	608.5	433.6
-2.5°	3954.3	3469.0	2966.3	2476.1	2037.5	1675.3	1325.5	1024.9	805.6	606.1	431.2
-5°	3841.0	3360.5	2865.3	2392.3	1968.5	1638.4	1300.9	1007.7	798.3	601.2	431.2
-7.5°	3715.3	3247.2	2759.4	2306.1	1899.5	1574.3	1254.0	980.6	781.0	591.3	428.7
-10°	3520.7	3077.2	2626.4	2207.5	1825.6	1517.7	1214.6	955.9	766.2	581.4	418.8
-12.5°	3313.7	2890.0	2473.6	2086.8	1741.9	1458.5	1170.3	928.8	749.0	571.6	413.9
-15°	3094.5	2697.8	2313.5	1961.1	1650.7	1387.1	1123.5	899.3	731.7	559.3	406.5
-17.5°	2865.3	2495.8	2148.4	1833.0	1559.5	1313.2	1074.2	872.2	712.0	547.0	399.1
-20°	2623.9	2288.8	1980.8	1702.4	1463.5	1239.3	1022.5	840.1	689.8	532.2	389.3



REPORT NUMBER: P722303
 CATALOG NUMBER: IFLD-L-SA8A-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2384.9	2084.3	1808.4	1574.3	1364.9	1162.9	970.7	808.1	665.2	514.9	381.9
-25°	2173.0	1892.2	1655.6	1451.1	1268.8	1089.0	916.5	776.1	638.1	497.7	372.0
-27.5°	1966.1	1727.1	1505.3	1335.3	1175.2	1017.5	864.8	741.6	611.0	478.0	362.2
-30°	1773.9	1569.4	1387.1	1222.0	1086.5	953.5	820.4	707.1	581.4	458.3	349.9
-32.5°	1599.0	1433.9	1281.1	1123.5	1002.7	889.4	778.5	672.6	551.9	438.5	337.5
-35°	1436.4	1308.2	1175.2	1042.2	919.0	830.3	734.2	635.6	524.8	416.4	325.2
-37.5°	1291.0	1187.5	1081.6	968.3	862.3	773.6	692.3	598.7	497.7	396.7	312.9
-40°	1165.4	1081.6	988.0	896.8	808.1	724.3	650.4	561.7	470.6	381.9	300.6
-42.5°	1049.6	985.5	909.1	832.7	753.9	680.0	608.5	522.3	443.5	364.6	288.3
-45°	960.9	896.8	835.2	766.2	699.7	635.6	564.2	487.8	418.8	344.9	275.9
-47.5°	877.1	820.4	763.8	707.1	652.9	593.8	522.3	458.3	391.7	327.7	266.1
-50°	803.2	749.0	699.7	650.4	603.6	547.0	480.4	428.7	369.6	310.4	253.8
-52.5°	734.2	687.4	638.1	598.7	559.3	502.6	448.4	399.1	347.4	290.7	241.4
-55°	672.6	628.3	583.9	547.0	510.0	460.7	416.4	374.5	325.2	275.9	229.1
-57.5°	613.5	576.5	534.6	500.1	463.2	423.8	386.8	347.4	303.0	261.2	216.8
-60°	559.3	524.8	487.8	453.3	421.3	389.3	354.8	322.8	283.3	243.9	204.5
-62.5°	505.1	475.5	443.5	409.0	384.3	354.8	327.7	295.6	263.6	229.1	182.3
-65°	455.8	428.7	399.1	369.6	347.4	325.2	300.6	271.0	243.9	211.9	162.6
-67.5°	406.5	381.9	357.2	332.6	312.9	295.6	271.0	248.8	226.7	192.2	142.9
-70°	359.7	340.0	317.8	298.1	283.3	263.6	246.4	226.7	207.0	167.5	120.7
-72.5°	315.4	295.6	278.4	263.6	251.3	234.1	219.3	204.5	177.4	140.4	101.0
-75°	263.6	251.3	241.4	229.1	216.8	204.5	192.2	174.9	147.8	113.3	78.8
-77.5°	216.8	209.4	202.0	192.2	182.3	172.5	157.7	140.4	118.3	88.7	64.1
-80°	177.4	170.0	165.1	155.2	147.8	138.0	123.2	108.4	86.2	69.0	51.7
-82.5°	135.5	130.6	125.7	120.7	113.3	103.5	88.7	76.4	64.1	51.7	39.4
-85°	96.1	93.6	88.7	83.8	76.4	69.0	59.1	51.7	44.3	34.5	27.1
-87.5°	49.3	46.8	44.3	41.9	39.4	34.5	29.6	24.6	22.2	17.2	12.3
-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: P722303
 CATALOG NUMBER: IFLD-L-SA8A-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.9	7.4	2.5	0.0
85°	19.7	12.3	4.9	0.0
82.5°	29.6	19.7	7.4	0.0
80°	39.4	24.6	12.3	0.0
77.5°	49.3	29.6	14.8	0.0
75°	59.1	37.0	17.2	0.0
72.5°	66.5	41.9	19.7	0.0
70°	78.8	49.3	22.2	0.0
67.5°	98.5	54.2	24.6	0.0
65°	115.8	59.1	27.1	0.0
62.5°	135.5	64.1	29.6	0.0
60°	152.8	69.0	32.0	0.0
57.5°	170.0	81.3	34.5	0.0
55°	184.8	91.2	37.0	0.0
52.5°	202.0	101.0	39.4	0.0
50°	216.8	110.9	41.9	0.0
47.5°	229.1	120.7	41.9	0.0
45°	239.0	128.1	44.3	0.0
42.5°	246.4	135.5	46.8	0.0
40°	253.8	142.9	49.3	0.0
37.5°	261.2	150.3	49.3	0.0
35°	268.5	157.7	51.7	0.0
32.5°	275.9	165.1	51.7	0.0
30°	280.9	170.0	54.2	0.0
27.5°	288.3	174.9	54.2	0.0
25°	290.7	179.9	56.7	0.0
22.5°	295.6	182.3	56.7	0.0
20°	300.6	187.2	56.7	0.0
17.5°	303.0	189.7	59.1	0.0
15°	303.0	192.2	61.6	0.0
12.5°	305.5	194.6	61.6	0.0
10°	305.5	199.6	59.1	0.0
7.5°	310.4	197.1	59.1	0.0
5°	308.0	197.1	59.1	0.0
2.5°	305.5	194.6	59.1	0.0
0°	303.0	194.6	59.1	0.0
-2.5°	303.0	194.6	59.1	0.0
-5°	303.0	194.6	59.1	0.0
-7.5°	300.6	197.1	59.1	0.0
-10°	295.6	197.1	59.1	0.0
-12.5°	293.2	189.7	59.1	0.0
-15°	290.7	187.2	59.1	0.0
-17.5°	285.8	184.8	56.7	0.0
-20°	280.9	182.3	56.7	0.0



REPORT NUMBER: P722303

CATALOG NUMBER: IFLD-L-SA8A-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	275.9	177.4	56.7	0.0
-25°	271.0	172.5	54.2	0.0
-27.5°	266.1	167.5	54.2	0.0
-30°	258.7	162.6	51.7	0.0
-32.5°	251.3	157.7	51.7	0.0
-35°	246.4	150.3	49.3	0.0
-37.5°	239.0	142.9	49.3	0.0
-40°	231.6	135.5	46.8	0.0
-42.5°	224.2	128.1	44.3	0.0
-45°	214.3	120.7	44.3	0.0
-47.5°	207.0	113.3	41.9	0.0
-50°	194.6	103.5	39.4	0.0
-52.5°	179.9	93.6	37.0	0.0
-55°	165.1	86.2	34.5	0.0
-57.5°	150.3	76.4	34.5	0.0
-60°	135.5	66.5	32.0	0.0
-62.5°	120.7	61.6	29.6	0.0
-65°	105.9	56.7	27.1	0.0
-67.5°	88.7	49.3	24.6	0.0
-70°	73.9	44.3	22.2	0.0
-72.5°	64.1	39.4	19.7	0.0
-75°	54.2	34.5	17.2	0.0
-77.5°	46.8	29.6	14.8	0.0
-80°	37.0	22.2	9.9	0.0
-82.5°	27.1	17.2	7.4	0.0
-85°	17.2	12.3	4.9	0.0
-87.5°	9.9	4.9	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)