

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: P722290

Luminaire Tested: **IFLD-S-SA6C-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722290
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

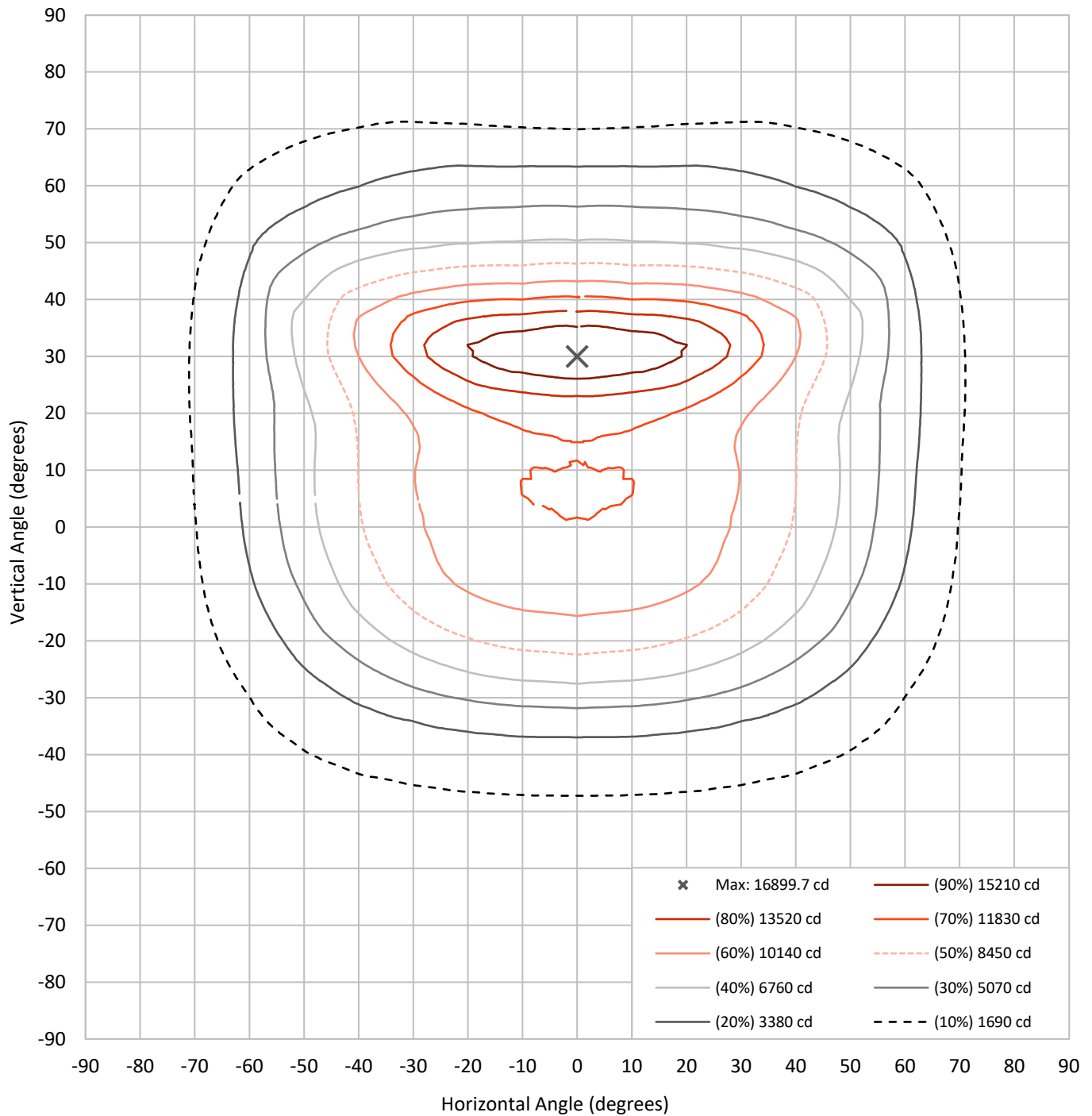
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28209.8 lumens	Max Intensity:	16899.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16404.3 lumens	Field Lumens:	26436.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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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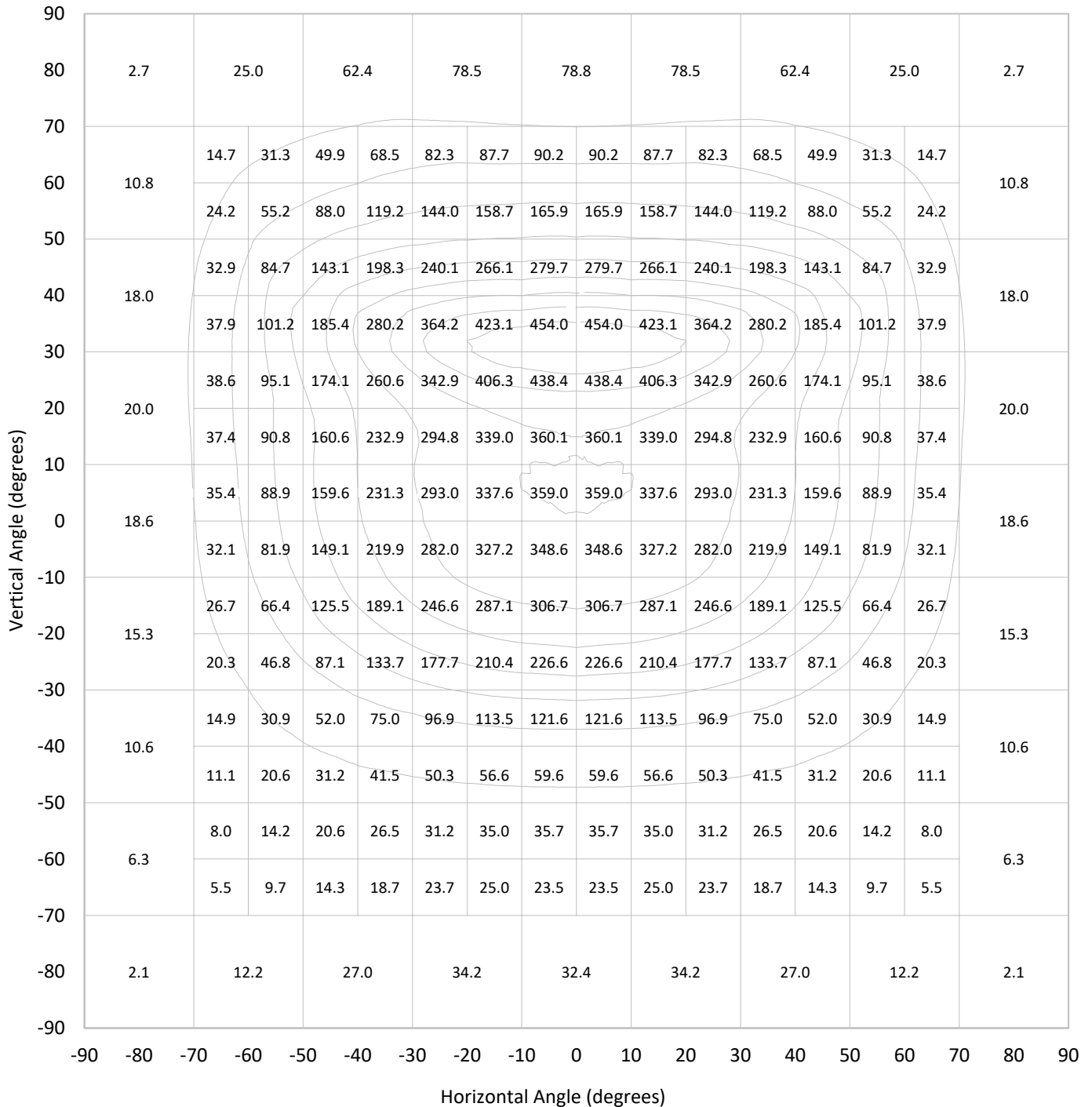
Iso-Candela Plot





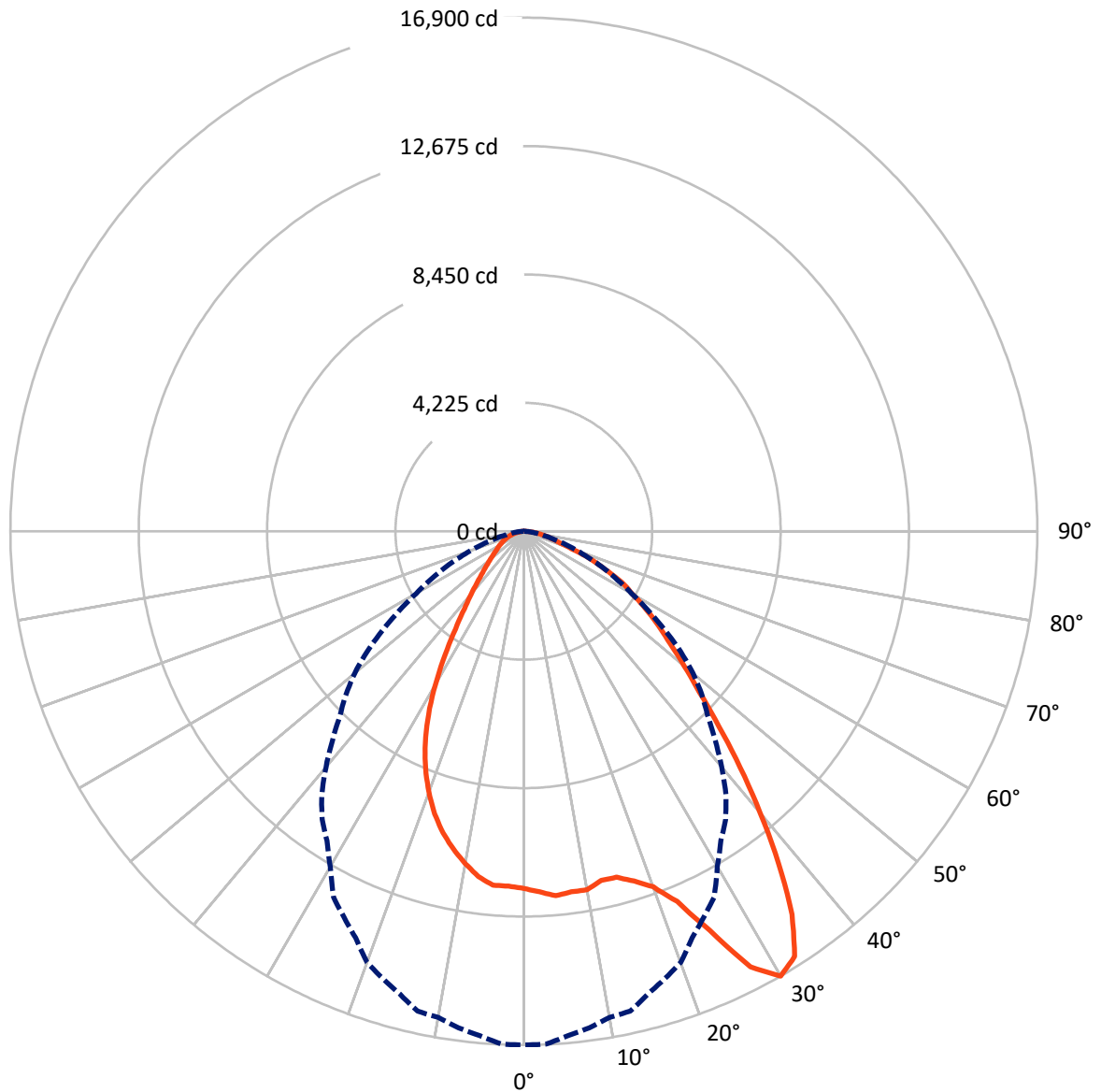
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Lumen Table



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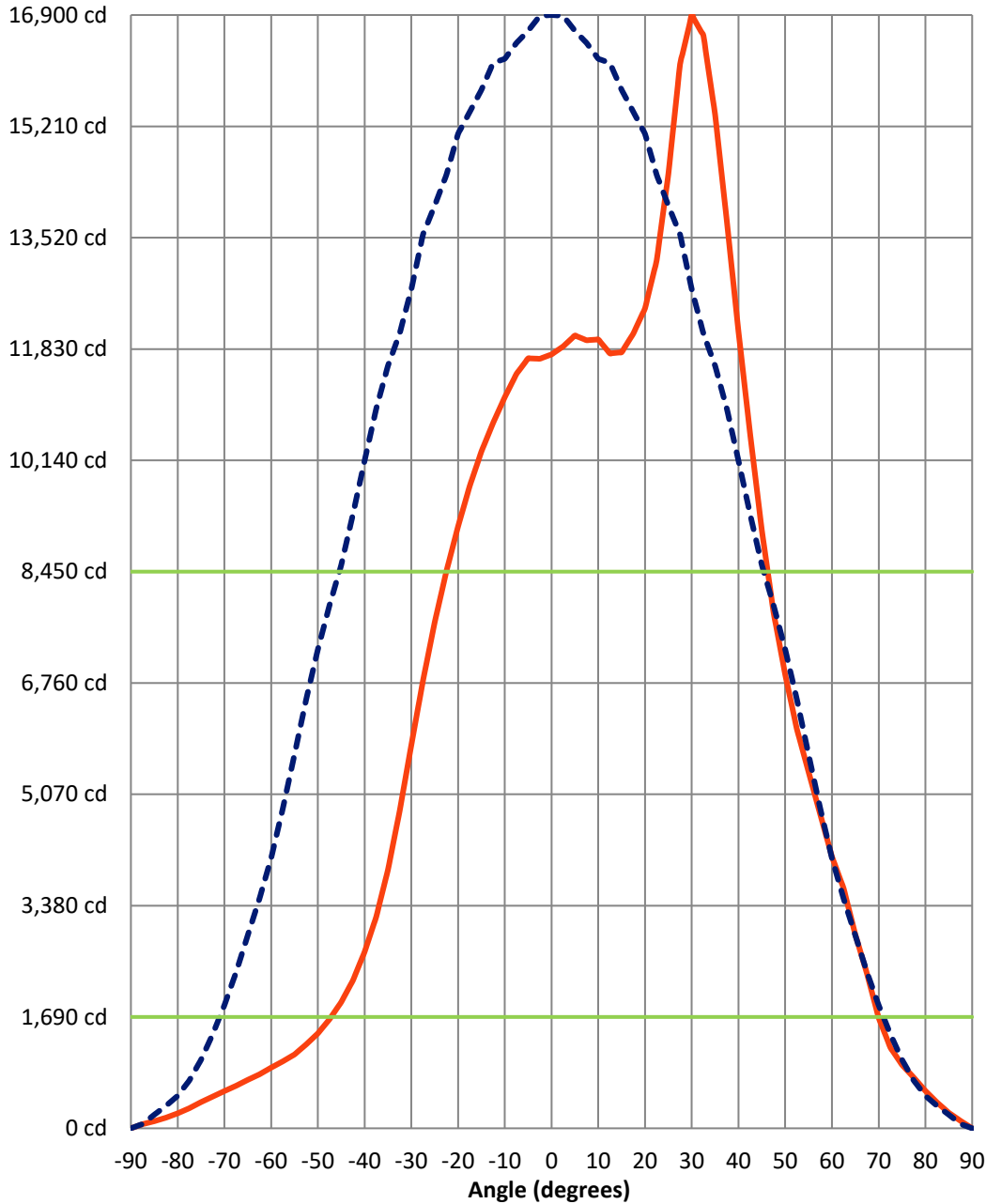
Luminous Intensity Polar Plot



— 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: 16404.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 26436.2
 Efficiency: 93.7%

Spill:
 Lumens: 1773.6
 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°	113.6	116.5	119.5	119.5	116.5	116.5	116.5	113.6	116.5	116.5	116.5
85°	236.1	242.1	248.0	245.1	242.1	236.1	230.1	233.1	236.1	239.1	239.1
82.5°	391.5	400.5	406.4	403.4	397.5	391.5	385.5	388.5	394.5	397.5	397.5
80°	567.8	570.8	573.8	579.8	570.8	570.8	567.8	579.8	585.7	591.7	597.7
77.5°	771.0	774.0	774.0	777.0	780.0	783.0	783.0	803.9	818.8	827.8	836.8
75°	962.3	971.2	980.2	989.2	1001.1	1007.1	1016.1	1046.0	1069.9	1087.8	1105.7
72.5°	1225.3	1237.2	1252.2	1273.1	1294.0	1308.9	1329.9	1365.7	1392.6	1410.5	1431.5
70°	1676.5	1688.5	1703.4	1718.4	1739.3	1754.2	1775.1	1820.0	1846.9	1858.8	1870.8
67.5°	2345.9	2375.8	2402.7	2372.8	2357.9	2337.0	2342.9	2384.8	2411.7	2429.6	2426.6
65°	2940.6	2961.6	2961.6	2958.6	2946.6	2919.7	2934.7	2985.5	3015.3	3030.3	2985.5
62.5°	3639.9	3639.9	3625.0	3648.9	3651.9	3634.0	3625.0	3628.0	3631.0	3639.9	3565.2
60°	4124.1	4153.9	4162.9	4183.8	4189.8	4189.8	4204.7	4216.7	4216.7	4198.8	4112.1
57.5°	4763.6	4820.4	4832.3	4817.4	4787.5	4748.6	4742.7	4724.7	4688.9	4653.0	4611.2
55°	5409.1	5439.0	5436.0	5427.0	5397.1	5352.3	5358.3	5334.4	5277.6	5232.8	5176.0
52.5°	6057.6	6129.3	6141.3	6123.3	6081.5	6033.7	6036.7	6009.8	5953.0	5905.2	5827.5
50°	6885.4	6945.2	6939.2	6909.3	6849.5	6813.7	6816.7	6765.8	6700.1	6685.2	6583.6
47.5°	7832.7	7901.5	7889.5	7847.7	7767.0	7752.0	7767.0	7701.2	7662.4	7629.5	7510.0
45°	9075.9	9156.6	9111.8	9031.1	8902.6	8917.5	8938.5	8926.5	8842.8	8756.2	8603.7
42.5°	10534.3	10585.1	10531.3	10450.6	10289.2	10319.1	10307.2	10235.4	10184.6	10041.2	9846.9
40°	12094.3	12204.8	12121.2	11995.6	11828.3	11873.1	11840.2	11747.6	11628.1	11448.7	11203.7
37.5°	13776.8	13863.4	13767.8	13621.4	13471.9	13457.0	13391.2	13247.8	13077.5	12880.2	12488.7
35°	15387.5	15611.7	15435.3	15202.2	15019.9	14951.2	14888.5	14556.7	14362.5	14042.7	13507.8
32.5°	16585.9	16750.3	16532.1	16290.0	16068.9	15973.3	15752.1	15357.6	15253.0	14580.6	14090.5
30°	16899.7	16887.7	16660.6	16475.3	16236.2	16170.5	15764.1	15429.4	15094.7	14473.1	14006.9
27.5°	16152.6	16077.9	15859.7	15698.3	15462.2	15384.5	14984.1	14804.8	14287.8	13761.8	13367.3
25°	14488.0	14526.9	14362.5	14281.8	14126.4	13959.0	13800.7	13558.6	13235.8	12775.6	12414.0
22.5°	13176.1	13226.9	13158.1	13062.5	12943.0	12850.3	12730.8	12542.5	12231.7	11947.8	11607.1
20°	12446.9	12431.9	12372.2	12300.5	12186.9	12121.2	11989.7	11831.3	11592.2	11347.1	10979.6
17.5°	12064.4	11971.7	11914.9	11888.1	11828.3	11744.6	11589.2	11427.8	11242.5	10964.6	10695.7
15°	11780.5	11795.4	11750.6	11729.7	11681.8	11565.3	11406.9	11275.4	11024.4	10883.9	10638.9
12.5°	11762.5	11747.6	11750.6	11741.6	11681.8	11532.4	11451.7	11284.4	11123.0	10937.7	10656.8
10°	11974.7	11816.3	11828.3	11870.1	11774.5	11655.0	11568.3	11386.0	11233.6	10997.5	10719.6
7.5°	11962.8	11882.1	11906.0	11837.2	11867.1	11720.7	11601.2	11418.9	11227.6	10976.6	10725.5
5°	12034.5	11912.0	11891.0	11897.0	11822.3	11711.7	11550.4	11377.0	11197.7	10916.8	10659.8
2.5°	11870.1	11888.1	11792.4	11756.6	11747.6	11562.3	11412.9	11245.5	11060.3	10812.2	10582.1
0°	11747.6	11780.5	11681.8	11631.0	11628.1	11469.7	11374.0	11182.8	11051.3	10845.1	10567.2
-2.5°	11681.8	11720.7	11732.7	11640.0	11550.4	11427.8	11266.5	11060.3	10845.1	10606.0	10366.9
-5°	11687.8	11610.1	11577.3	11607.1	11529.4	11406.9	11227.6	11045.3	10833.1	10576.1	10277.3
-7.5°	11451.7	11374.0	11368.1	11353.1	11335.2	11218.6	11069.2	10872.0	10656.8	10417.7	10139.8
-10°	11099.1	11042.3	11027.4	11012.4	10964.6	10895.9	10755.4	10576.1	10381.9	10142.8	9846.9
-12.5°	10707.6	10680.7	10623.9	10585.1	10537.3	10456.6	10322.1	10157.7	9963.5	9751.3	9497.3
-15°	10274.3	10223.5	10166.7	10133.8	10065.1	9969.5	9835.0	9682.6	9470.4	9261.2	9022.1
-17.5°	9751.3	9688.6	9625.8	9616.8	9569.0	9422.6	9297.1	9111.8	8926.5	8726.3	8493.2
-20°	9135.7	9049.0	9007.2	8983.3	8917.5	8809.9	8675.5	8505.1	8325.8	8134.6	7865.6



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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°	8454.3	8379.6	8307.9	8263.1	8206.3	8122.6	7994.1	7844.7	7668.4	7453.2	7205.2
-25°	7680.3	7575.7	7530.9	7480.1	7450.2	7372.5	7247.0	7109.5	6927.2	6718.0	6481.9
-27.5°	6795.7	6712.1	6688.1	6616.4	6580.6	6499.9	6395.3	6266.8	6099.4	5902.2	5707.9
-30°	5818.5	5767.7	5728.9	5657.1	5630.2	5543.6	5474.8	5367.3	5214.8	5074.4	4919.0
-32.5°	4814.4	4763.6	4751.6	4718.8	4700.8	4644.1	4566.4	4488.7	4366.1	4261.5	4136.0
-35°	3923.8	3888.0	3891.0	3888.0	3870.0	3828.2	3732.6	3711.7	3622.0	3526.4	3445.7
-37.5°	3212.6	3215.6	3212.6	3209.6	3185.7	3167.8	3099.0	3072.1	3018.3	2925.7	2877.9
-40°	2677.7	2683.6	2680.6	2674.7	2647.8	2638.8	2594.0	2558.1	2537.2	2471.4	2420.6
-42.5°	2244.3	2253.3	2250.3	2247.3	2229.4	2226.4	2202.5	2160.6	2148.7	2109.8	2056.1
-45°	1915.6	1912.6	1906.6	1912.6	1903.6	1894.7	1879.7	1852.8	1837.9	1820.0	1775.1
-47.5°	1655.6	1658.6	1652.6	1652.6	1640.7	1631.7	1625.7	1607.8	1595.8	1580.9	1554.0
-50°	1440.4	1452.4	1449.4	1446.4	1437.4	1431.5	1431.5	1413.5	1395.6	1389.6	1371.7
-52.5°	1273.1	1282.0	1285.0	1291.0	1294.0	1297.0	1288.0	1270.1	1240.2	1237.2	1228.3
-55°	1120.7	1147.6	1165.5	1177.4	1189.4	1198.4	1180.4	1156.5	1126.6	1114.7	1111.7
-57.5°	1016.1	1043.0	1063.9	1081.8	1096.8	1111.7	1093.8	1069.9	1043.0	1028.0	1025.0
-60°	920.4	944.4	965.3	989.2	1010.1	1034.0	1025.0	1007.1	992.2	980.2	968.3
-62.5°	818.8	842.7	866.7	896.5	923.4	947.3	950.3	947.3	944.4	947.3	926.4
-65°	735.2	747.1	762.1	794.9	824.8	851.7	866.7	875.6	890.6	905.5	884.6
-67.5°	645.5	660.4	678.4	702.3	726.2	744.1	765.0	789.0	812.9	836.8	821.8
-70°	564.8	576.8	591.7	603.7	618.6	630.6	648.5	675.4	702.3	726.2	720.2
-72.5°	481.1	493.1	502.1	508.0	517.0	523.0	531.9	555.9	573.8	585.7	585.7
-75°	397.5	409.4	418.4	421.4	427.3	430.3	436.3	445.3	454.2	457.2	460.2
-77.5°	304.8	316.8	325.7	331.7	337.7	343.7	346.7	352.6	355.6	355.6	358.6
-80°	227.1	236.1	242.1	251.0	254.0	260.0	266.0	269.0	271.9	271.9	274.9
-82.5°	161.4	167.4	173.3	179.3	185.3	188.3	194.2	197.2	200.2	203.2	206.2
-85°	107.6	113.6	119.5	125.5	128.5	131.5	134.5	137.5	140.5	143.4	146.4
-87.5°	62.8	65.7	68.7	74.7	77.7	83.7	86.7	83.7	86.7	86.7	86.7
-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°	116.5	116.5	116.5	116.5	113.6	107.6	104.6	98.6	92.6	86.7	80.7
85°	242.1	245.1	245.1	245.1	239.1	236.1	227.1	218.2	206.2	188.3	173.3
82.5°	403.4	406.4	406.4	403.4	397.5	388.5	376.5	361.6	337.7	313.8	292.9
80°	606.7	609.6	609.6	606.7	591.7	576.8	561.8	543.9	514.0	481.1	445.3
77.5°	848.7	854.7	854.7	845.7	824.8	806.9	783.0	753.1	708.3	660.4	612.6
75°	1129.6	1144.6	1147.6	1138.6	1111.7	1078.8	1040.0	989.2	920.4	860.7	803.9
72.5°	1455.4	1470.3	1482.3	1470.3	1431.5	1386.6	1329.9	1270.1	1201.4	1120.7	1025.0
70°	1882.7	1897.7	1906.6	1867.8	1799.0	1724.3	1655.6	1586.9	1506.2	1407.6	1303.0
67.5°	2420.6	2405.7	2387.8	2310.1	2223.4	2133.8	2038.1	1936.5	1831.9	1727.3	1604.8
65°	2937.6	2895.8	2857.0	2764.3	2653.7	2537.2	2426.6	2313.1	2187.5	2056.1	1939.5
62.5°	3481.5	3391.9	3296.3	3182.7	3069.1	2940.6	2830.1	2695.6	2555.1	2393.7	2244.3
60°	4016.5	3908.9	3813.3	3672.8	3523.4	3350.1	3230.5	3099.0	2934.7	2761.3	2585.0
57.5°	4533.5	4416.9	4312.3	4189.8	4028.4	3840.2	3708.7	3538.3	3365.0	3146.8	2967.5
55°	5083.4	4966.8	4883.1	4745.7	4569.3	4396.0	4252.6	4073.3	3831.2	3598.1	3376.9
52.5°	5713.9	5621.3	5531.6	5391.2	5179.0	5002.7	4844.3	4644.1	4390.0	4103.1	3837.2
50°	6419.2	6371.4	6275.7	6111.4	5869.3	5713.9	5504.7	5238.8	4966.8	4665.0	4333.3
47.5°	7354.6	7276.9	7142.4	6963.1	6759.9	6526.8	6245.9	5935.1	5549.6	5214.8	4862.2
45°	8472.3	8328.8	8155.5	7913.4	7662.4	7399.4	7091.6	6697.1	6180.1	5743.8	5373.2
42.5°	9682.6	9488.3	9252.2	8935.5	8609.7	8287.0	7955.3	7417.3	6771.8	6269.8	5851.4
40°	10946.7	10698.6	10402.8	9942.6	9581.0	9165.6	8786.0	7982.1	7294.8	6750.9	6305.6
37.5°	12183.9	11870.1	11374.0	10815.2	10393.8	10053.1	9219.4	8358.7	7743.1	7145.4	6694.1
35°	13131.2	12865.3	11989.7	11409.9	11048.3	10510.4	9467.4	8585.8	7934.3	7438.3	6736.0
32.5°	13693.1	13005.7	12237.7	11652.0	11353.1	10471.5	9485.3	8651.6	8024.0	7468.1	6628.4
30°	13567.6	12736.8	12064.4	11574.3	10925.8	10133.8	9318.0	8550.0	7940.3	7267.9	6508.8
27.5°	12811.5	12169.0	11568.3	11057.3	10420.7	9709.5	8956.4	8281.0	7713.2	7061.7	6344.5
25°	11956.8	11374.0	10928.8	10483.5	9879.8	9201.4	8538.0	8050.9	7480.1	6837.6	6129.3
22.5°	11170.8	10752.4	10402.8	9936.6	9347.9	8756.2	8343.8	7838.7	7253.0	6601.5	5908.2
20°	10668.8	10384.9	9984.4	9470.4	9007.2	8636.6	8179.4	7644.5	7040.8	6359.4	5719.9
17.5°	10426.7	10098.0	9652.7	9318.0	8962.4	8555.9	8044.9	7477.1	6834.6	6248.8	5740.8
15°	10301.2	9954.5	9661.7	9332.9	8932.5	8505.1	7937.3	7348.6	6834.6	6293.7	5755.8
12.5°	10328.1	10029.2	9709.5	9350.9	8920.5	8463.3	7949.3	7402.4	6870.4	6326.5	5758.7
10°	10411.8	10098.0	9757.3	9359.8	8926.5	8475.2	7982.1	7435.3	6888.4	6341.5	5752.8
7.5°	10441.6	10101.0	9736.4	9335.9	8911.6	8469.3	7988.1	7444.2	6891.4	6338.5	5734.8
5°	10349.0	10041.2	9688.6	9285.1	8869.7	8439.4	7964.2	7432.3	6867.5	6308.6	5690.0
2.5°	10223.5	9975.4	9637.7	9249.3	8827.9	8397.5	7925.4	7378.5	6813.7	6254.8	5633.2
0°	10202.6	9894.8	9554.1	9207.4	8759.1	8304.9	7835.7	7276.9	6715.0	6153.2	5534.6
-2.5°	10065.1	9739.4	9398.7	9022.1	8627.7	8170.4	7677.3	7130.4	6574.6	6021.7	5427.0
-5°	9960.5	9598.9	9237.3	8830.9	8433.4	7976.2	7465.1	6933.2	6389.3	5851.4	5277.6
-7.5°	9820.0	9449.5	9069.9	8645.6	8215.2	7749.0	7244.0	6712.1	6177.1	5642.2	5092.3
-10°	9536.1	9210.4	8854.8	8415.5	7961.2	7495.0	6993.0	6470.0	5935.1	5394.2	4841.3
-12.5°	9192.5	8848.8	8460.3	8056.9	7650.4	7217.1	6715.0	6201.0	5663.1	5119.2	4569.3
-15°	8747.2	8409.5	8012.0	7617.6	7226.1	6810.7	6368.4	5905.2	5358.3	4823.4	4273.5
-17.5°	8191.3	7874.6	7518.9	7142.4	6753.9	6335.5	5905.2	5513.7	5002.7	4500.6	3956.7
-20°	7593.6	7297.8	6978.0	6622.4	6233.9	5824.5	5418.1	5008.6	4566.4	4124.1	3619.0



REPORT NUMBER: P722290

CATALOG NUMBER: IFLD-S-SA6C-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°	6972.1	6673.2	6350.5	6018.7	5660.1	5280.6	4904.0	4512.6	4124.1	3723.6	3296.3
-25°	6254.8	5991.8	5696.0	5373.2	5053.5	4721.8	4363.1	4007.5	3675.8	3329.1	2979.5
-27.5°	5504.7	5262.7	4993.7	4712.8	4437.8	4159.9	3849.1	3520.4	3245.5	2958.6	2668.7
-30°	4715.8	4521.5	4303.4	4058.3	3846.1	3622.0	3362.0	3090.1	2839.0	2620.9	2387.8
-32.5°	3968.7	3804.3	3648.9	3487.5	3278.3	3105.0	2925.7	2725.5	2504.3	2298.1	2130.8
-35°	3326.1	3149.8	3084.1	2964.5	2815.1	2662.7	2531.2	2387.8	2220.4	2038.1	1900.7
-37.5°	2785.2	2680.6	2588.0	2522.3	2423.6	2301.1	2196.5	2091.9	1963.4	1825.9	1688.5
-40°	2363.9	2292.1	2190.5	2157.7	2094.9	2011.2	1903.6	1823.0	1736.3	1631.7	1515.1
-42.5°	2026.2	1972.4	1906.6	1849.9	1823.0	1763.2	1679.5	1601.8	1533.1	1461.4	1371.7
-45°	1748.2	1712.4	1670.5	1619.7	1598.8	1551.0	1491.2	1404.6	1365.7	1306.0	1240.2
-47.5°	1524.1	1506.2	1476.3	1443.4	1413.5	1377.7	1323.9	1270.1	1216.3	1177.4	1126.6
-50°	1347.8	1335.8	1317.9	1291.0	1252.2	1228.3	1192.4	1144.6	1093.8	1060.9	1025.0
-52.5°	1207.3	1195.4	1183.4	1162.5	1132.6	1108.7	1078.8	1040.0	998.1	965.3	935.4
-55°	1099.7	1081.8	1072.9	1054.9	1031.0	1004.1	977.2	950.3	914.5	884.6	854.7
-57.5°	1016.1	992.2	980.2	965.3	941.4	914.5	893.5	866.7	842.7	809.9	783.0
-60°	950.3	923.4	899.5	884.6	863.7	836.8	815.8	794.9	771.0	744.1	711.3
-62.5°	896.5	863.7	830.8	812.9	791.9	768.0	747.1	726.2	702.3	675.4	645.5
-65°	845.7	806.9	765.0	747.1	726.2	702.3	675.4	660.4	639.5	615.6	585.7
-67.5°	783.0	741.1	705.3	684.4	663.4	642.5	618.6	603.7	582.7	552.9	523.0
-70°	690.3	663.4	639.5	621.6	603.7	585.7	561.8	537.9	514.0	487.1	460.2
-72.5°	573.8	564.8	561.8	552.9	531.9	511.0	487.1	463.2	442.3	421.4	400.5
-75°	463.2	469.2	475.2	472.2	451.3	430.3	409.4	388.5	373.6	355.6	337.7
-77.5°	367.6	373.6	379.5	379.5	364.6	352.6	337.7	322.8	310.8	295.9	277.9
-80°	283.9	292.9	301.8	307.8	295.9	286.9	274.9	263.0	251.0	239.1	227.1
-82.5°	215.2	224.1	233.1	239.1	230.1	224.1	215.2	206.2	197.2	185.3	176.3
-85°	155.4	161.4	167.4	170.3	164.4	158.4	152.4	146.4	140.5	131.5	125.5
-87.5°	89.7	92.6	95.6	98.6	92.6	86.7	83.7	77.7	74.7	68.7	65.7
-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: P722290
 CATALOG NUMBER: IFLD-S-SA6C-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°	74.7	68.7	62.8	59.8	53.8	44.8	38.8	32.9	26.9	20.9	17.9
85°	158.4	143.4	125.5	116.5	104.6	92.6	80.7	68.7	56.8	44.8	32.9
82.5°	271.9	254.0	236.1	215.2	188.3	155.4	122.5	101.6	83.7	65.7	50.8
80°	409.4	376.5	346.7	319.8	289.9	248.0	203.2	161.4	113.6	86.7	65.7
77.5°	567.8	529.0	487.1	442.3	394.5	337.7	286.9	233.1	176.3	119.5	83.7
75°	747.1	696.3	639.5	576.8	514.0	439.3	367.6	304.8	239.1	167.4	101.6
72.5°	947.3	884.6	815.8	732.2	633.6	546.9	460.2	376.5	298.8	212.2	137.5
70°	1204.3	1105.7	1004.1	914.5	789.0	651.5	549.9	454.2	355.6	260.0	173.3
67.5°	1479.3	1359.7	1237.2	1105.7	947.3	786.0	639.5	531.9	415.4	304.8	206.2
65°	1778.1	1628.7	1473.3	1326.9	1108.7	917.5	753.1	606.7	472.2	346.7	239.1
62.5°	2085.9	1909.6	1730.3	1539.1	1288.0	1051.9	860.7	690.3	526.0	385.5	269.0
60°	2414.7	2208.5	1990.3	1751.2	1458.4	1198.4	962.3	777.0	582.7	424.4	301.8
57.5°	2761.3	2537.2	2280.2	1957.4	1634.7	1338.8	1078.8	854.7	633.6	460.2	325.7
55°	3137.9	2880.9	2600.0	2172.6	1808.0	1479.3	1195.4	932.4	687.3	490.1	349.6
52.5°	3544.3	3245.5	2889.8	2399.7	1990.3	1622.7	1303.0	1001.1	738.1	523.0	370.6
50°	3998.5	3622.0	3143.8	2608.9	2148.7	1757.2	1410.5	1075.8	780.0	558.8	388.5
47.5°	4470.7	4064.3	3371.0	2803.2	2310.1	1888.7	1521.1	1141.6	821.8	588.7	406.4
45°	4963.8	4372.1	3607.1	2976.5	2450.5	2008.2	1604.8	1201.4	872.6	615.6	421.4
42.5°	5450.9	4605.2	3813.3	3149.8	2582.0	2115.8	1673.5	1258.1	914.5	642.5	436.3
40°	5681.0	4781.5	3977.6	3269.4	2692.6	2211.5	1733.3	1308.9	950.3	660.4	451.3
37.5°	5776.7	4889.1	4085.2	3382.9	2779.3	2262.3	1784.1	1353.8	980.2	678.4	463.2
35°	5797.6	4928.0	4139.0	3460.6	2851.0	2310.1	1823.0	1386.6	1004.1	696.3	475.2
32.5°	5758.7	4916.0	4153.9	3487.5	2895.8	2345.9	1849.9	1410.5	1022.0	714.2	487.1
30°	5672.1	4853.2	4100.2	3484.5	2928.7	2366.9	1867.8	1428.5	1040.0	726.2	493.1
27.5°	5531.6	4742.7	4031.4	3487.5	2946.6	2375.8	1876.7	1437.4	1051.9	735.2	505.0
25°	5358.3	4593.2	4034.4	3481.5	2949.6	2378.8	1876.7	1437.4	1054.9	738.1	514.0
22.5°	5158.1	4593.2	4034.4	3472.6	2931.7	2372.8	1867.8	1431.5	1054.9	744.1	523.0
20°	5170.0	4596.2	4025.4	3454.6	2904.8	2354.9	1846.9	1416.5	1046.0	753.1	529.0
17.5°	5179.0	4590.3	4007.5	3430.7	2868.9	2325.0	1820.0	1395.6	1046.0	762.1	531.9
15°	5179.0	4572.3	3980.6	3394.9	2824.1	2283.2	1781.1	1377.7	1048.9	765.0	537.9
12.5°	5170.0	4539.5	3938.8	3347.1	2770.3	2232.4	1757.2	1371.7	1048.9	768.0	537.9
10°	5152.1	4494.6	3885.0	3287.3	2719.5	2214.4	1745.3	1359.7	1043.0	768.0	537.9
7.5°	5119.2	4440.8	3840.2	3251.4	2689.6	2193.5	1727.3	1341.8	1034.0	762.1	543.9
5°	5068.4	4411.0	3804.3	3209.6	2647.8	2178.6	1715.4	1326.9	1028.0	762.1	537.9
2.5°	5002.7	4375.1	3762.5	3155.8	2600.0	2127.8	1676.5	1294.0	1007.1	750.1	531.9
0°	4895.1	4303.4	3690.7	3081.1	2534.2	2077.0	1637.7	1261.1	986.2	738.1	526.0
-2.5°	4796.5	4207.7	3598.1	3003.4	2471.4	2032.1	1607.8	1243.2	977.2	735.2	523.0
-5°	4659.0	4076.2	3475.6	2901.8	2387.8	1987.3	1577.9	1222.3	968.3	729.2	523.0
-7.5°	4506.6	3938.8	3347.1	2797.2	2304.1	1909.6	1521.1	1189.4	947.3	717.2	520.0
-10°	4270.5	3732.6	3185.7	2677.7	2214.4	1840.9	1473.3	1159.5	929.4	705.3	508.0
-12.5°	4019.5	3505.5	3000.4	2531.2	2112.8	1769.2	1419.5	1126.6	908.5	693.3	502.1
-15°	3753.5	3272.4	2806.2	2378.8	2002.3	1682.5	1362.7	1090.8	887.6	678.4	493.1
-17.5°	3475.6	3027.3	2605.9	2223.4	1891.7	1592.8	1303.0	1057.9	863.7	663.4	484.1
-20°	3182.7	2776.3	2402.7	2065.0	1775.1	1503.2	1240.2	1019.1	836.8	645.5	472.2



REPORT NUMBER: P722290
 CATALOG NUMBER: IFLD-S-SA6C-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2892.8	2528.2	2193.5	1909.6	1655.6	1410.5	1177.4	980.2	806.9	624.6	463.2
-25°	2635.8	2295.1	2008.2	1760.2	1539.1	1320.9	1111.7	941.4	774.0	603.7	451.3
-27.5°	2384.8	2094.9	1825.9	1619.7	1425.5	1234.2	1048.9	899.5	741.1	579.8	439.3
-30°	2151.7	1903.6	1682.5	1482.3	1317.9	1156.5	995.2	857.7	705.3	555.9	424.4
-32.5°	1939.5	1739.3	1554.0	1362.7	1216.3	1078.8	944.4	815.8	669.4	531.9	409.4
-35°	1742.3	1586.9	1425.5	1264.1	1114.7	1007.1	890.6	771.0	636.5	505.0	394.5
-37.5°	1565.9	1440.4	1311.9	1174.5	1046.0	938.4	839.8	726.2	603.7	481.1	379.5
-40°	1413.5	1311.9	1198.4	1087.8	980.2	878.6	789.0	681.4	570.8	463.2	364.6
-42.5°	1273.1	1195.4	1102.7	1010.1	914.5	824.8	738.1	633.6	537.9	442.3	349.6
-45°	1165.5	1087.8	1013.1	929.4	848.7	771.0	684.4	591.7	508.0	418.4	334.7
-47.5°	1063.9	995.2	926.4	857.7	791.9	720.2	633.6	555.9	475.2	397.5	322.8
-50°	974.2	908.5	848.7	789.0	732.2	663.4	582.7	520.0	448.3	376.5	307.8
-52.5°	890.6	833.8	774.0	726.2	678.4	609.6	543.9	484.1	421.4	352.6	292.9
-55°	815.8	762.1	708.3	663.4	618.6	558.8	505.0	454.2	394.5	334.7	277.9
-57.5°	744.1	699.3	648.5	606.7	561.8	514.0	469.2	421.4	367.6	316.8	263.0
-60°	678.4	636.5	591.7	549.9	511.0	472.2	430.3	391.5	343.7	295.9	248.0
-62.5°	612.6	576.8	537.9	496.1	466.2	430.3	397.5	358.6	319.8	277.9	221.1
-65°	552.9	520.0	484.1	448.3	421.4	394.5	364.6	328.7	295.9	257.0	197.2
-67.5°	493.1	463.2	433.3	403.4	379.5	358.6	328.7	301.8	274.9	233.1	173.3
-70°	436.3	412.4	385.5	361.6	343.7	319.8	298.8	274.9	251.0	203.2	146.4
-72.5°	382.5	358.6	337.7	319.8	304.8	283.9	266.0	248.0	215.2	170.3	122.5
-75°	319.8	304.8	292.9	277.9	263.0	248.0	233.1	212.2	179.3	137.5	95.6
-77.5°	263.0	254.0	245.1	233.1	221.1	209.2	191.3	170.3	143.4	107.6	77.7
-80°	215.2	206.2	200.2	188.3	179.3	167.4	149.4	131.5	104.6	83.7	62.8
-82.5°	164.4	158.4	152.4	146.4	137.5	125.5	107.6	92.6	77.7	62.8	47.8
-85°	116.5	113.6	107.6	101.6	92.6	83.7	71.7	62.8	53.8	41.8	32.9
-87.5°	59.8	56.8	53.8	50.8	47.8	41.8	35.9	29.9	26.9	20.9	14.9
-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: P722290

CATALOG NUMBER: IFLD-S-SA6C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.0	9.0	3.0	0.0
85°	23.9	14.9	6.0	0.0
82.5°	35.9	23.9	9.0	0.0
80°	47.8	29.9	14.9	0.0
77.5°	59.8	35.9	17.9	0.0
75°	71.7	44.8	20.9	0.0
72.5°	80.7	50.8	23.9	0.0
70°	95.6	59.8	26.9	0.0
67.5°	119.5	65.7	29.9	0.0
65°	140.5	71.7	32.9	0.0
62.5°	164.4	77.7	35.9	0.0
60°	185.3	83.7	38.8	0.0
57.5°	206.2	98.6	41.8	0.0
55°	224.1	110.6	44.8	0.0
52.5°	245.1	122.5	47.8	0.0
50°	263.0	134.5	50.8	0.0
47.5°	277.9	146.4	50.8	0.0
45°	289.9	155.4	53.8	0.0
42.5°	298.8	164.4	56.8	0.0
40°	307.8	173.3	59.8	0.0
37.5°	316.8	182.3	59.8	0.0
35°	325.7	191.3	62.8	0.0
32.5°	334.7	200.2	62.8	0.0
30°	340.7	206.2	65.7	0.0
27.5°	349.6	212.2	65.7	0.0
25°	352.6	218.2	68.7	0.0
22.5°	358.6	221.1	68.7	0.0
20°	364.6	227.1	68.7	0.0
17.5°	367.6	230.1	71.7	0.0
15°	367.6	233.1	74.7	0.0
12.5°	370.6	236.1	74.7	0.0
10°	370.6	242.1	71.7	0.0
7.5°	376.5	239.1	71.7	0.0
5°	373.6	239.1	71.7	0.0
2.5°	370.6	236.1	71.7	0.0
0°	367.6	236.1	71.7	0.0
-2.5°	367.6	236.1	71.7	0.0
-5°	367.6	236.1	71.7	0.0
-7.5°	364.6	239.1	71.7	0.0
-10°	358.6	239.1	71.7	0.0
-12.5°	355.6	230.1	71.7	0.0
-15°	352.6	227.1	71.7	0.0
-17.5°	346.7	224.1	68.7	0.0
-20°	340.7	221.1	68.7	0.0



REPORT NUMBER: P722290
 CATALOG NUMBER: IFLD-S-SA6C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	334.7	215.2	68.7	0.0
-25°	328.7	209.2	65.7	0.0
-27.5°	322.8	203.2	65.7	0.0
-30°	313.8	197.2	62.8	0.0
-32.5°	304.8	191.3	62.8	0.0
-35°	298.8	182.3	59.8	0.0
-37.5°	289.9	173.3	59.8	0.0
-40°	280.9	164.4	56.8	0.0
-42.5°	271.9	155.4	53.8	0.0
-45°	260.0	146.4	53.8	0.0
-47.5°	251.0	137.5	50.8	0.0
-50°	236.1	125.5	47.8	0.0
-52.5°	218.2	113.6	44.8	0.0
-55°	200.2	104.6	41.8	0.0
-57.5°	182.3	92.6	41.8	0.0
-60°	164.4	80.7	38.8	0.0
-62.5°	146.4	74.7	35.9	0.0
-65°	128.5	68.7	32.9	0.0
-67.5°	107.6	59.8	29.9	0.0
-70°	89.7	53.8	26.9	0.0
-72.5°	77.7	47.8	23.9	0.0
-75°	65.7	41.8	20.9	0.0
-77.5°	56.8	35.9	17.9	0.0
-80°	44.8	26.9	12.0	0.0
-82.5°	32.9	20.9	9.0	0.0
-85°	20.9	14.9	6.0	0.0
-87.5°	12.0	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)