

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: P722053

Luminaire Tested: **IFLD-S-SA3C-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722053
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

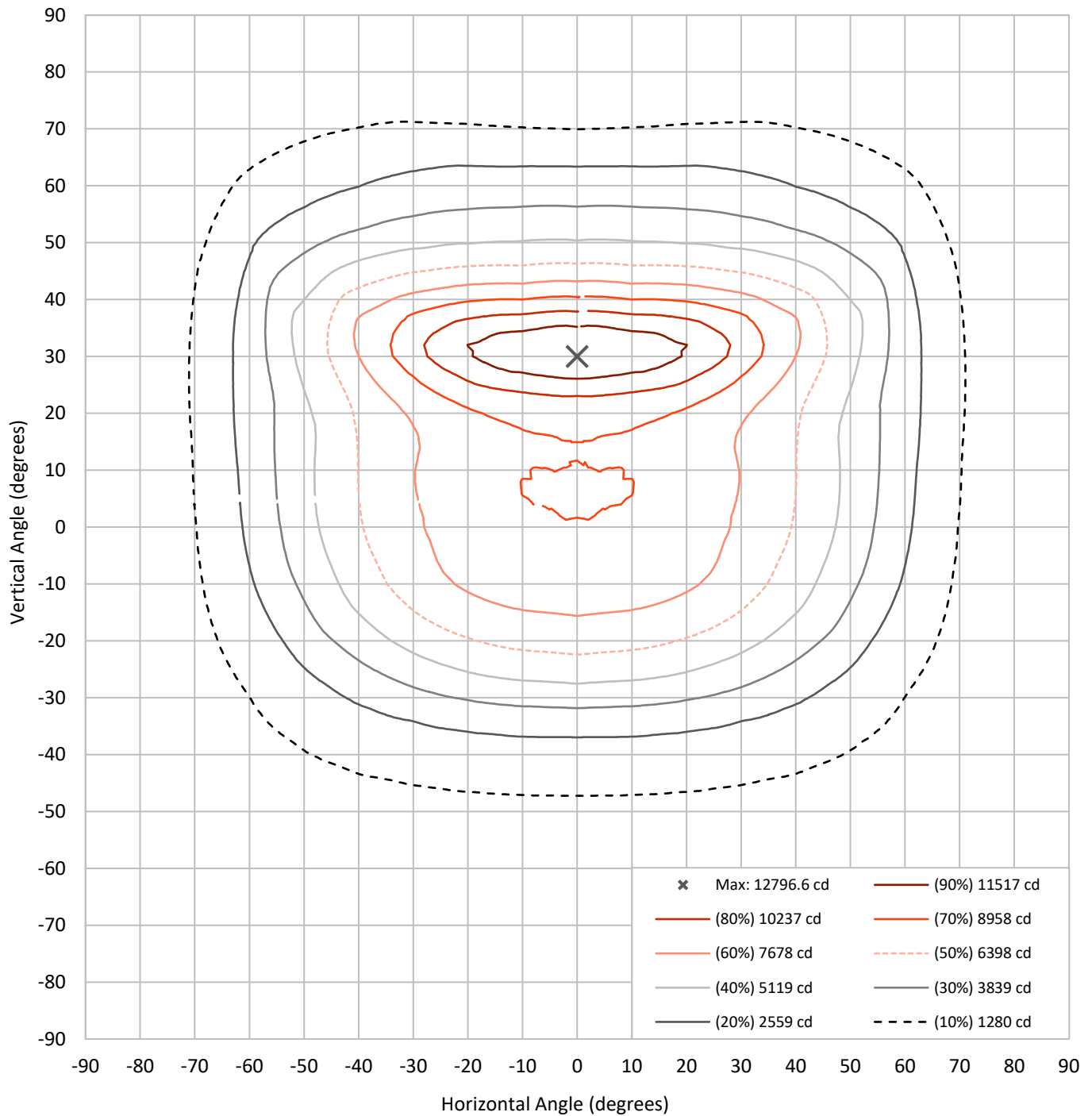
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21360.8 lumens	Max Intensity:	12796.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12421.6 lumens	Field Lumens:	20017.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 160.8
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: P722053
CATALOG NUMBER: IFLD-S-SA3C-735-U-76

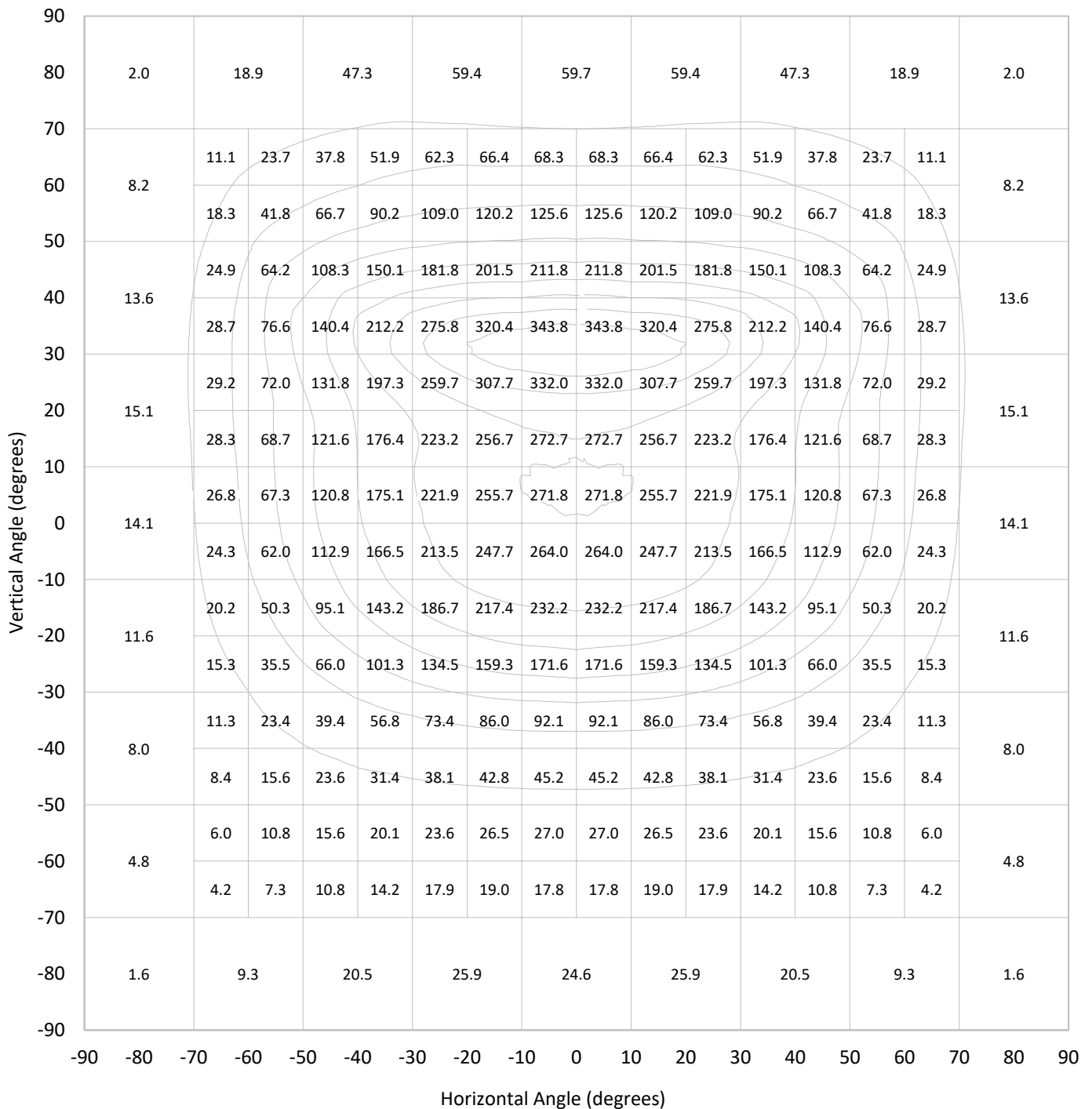
Iso-Candela Plot





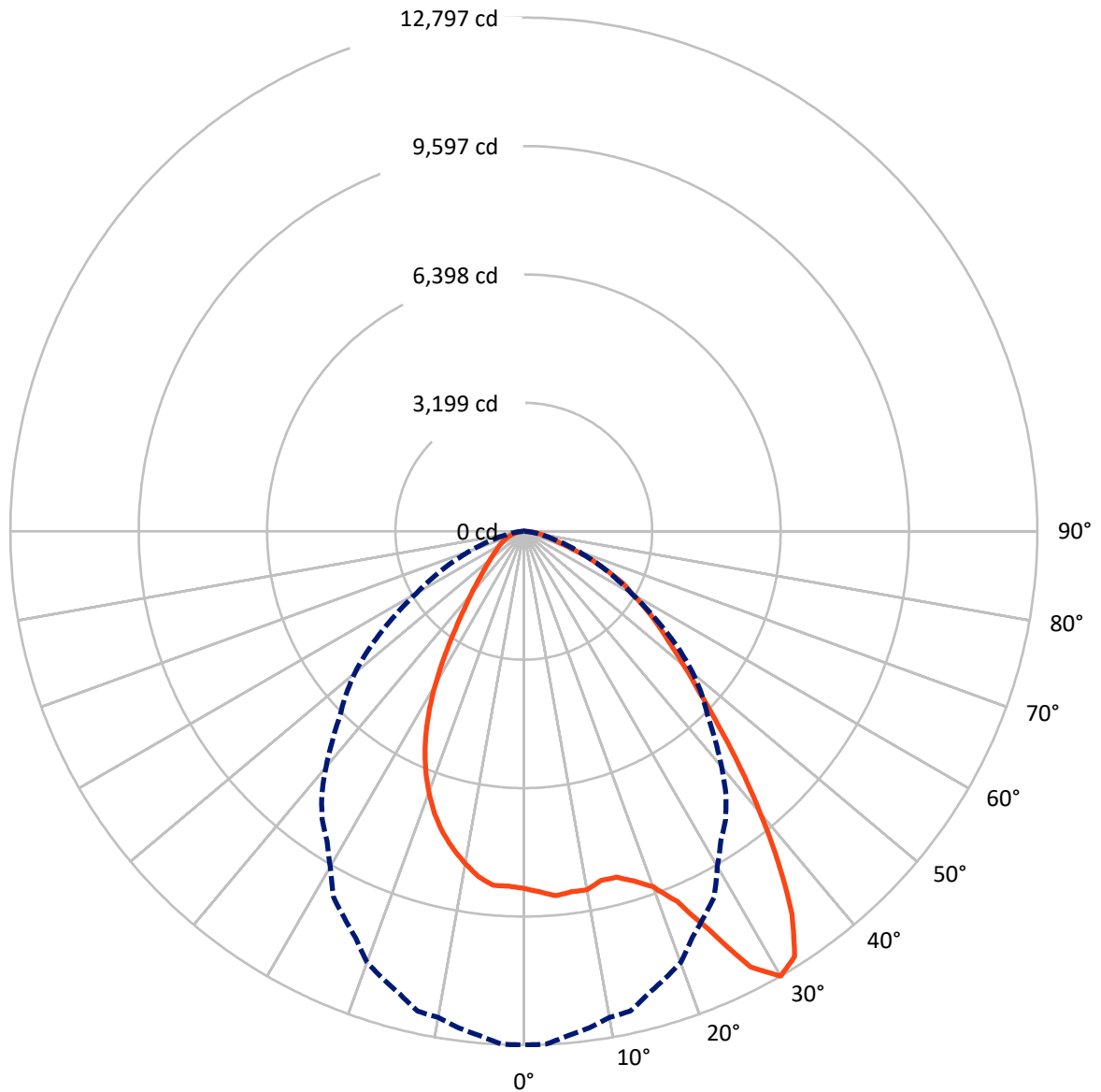
REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-U-76

Lumen Table



REPORT NUMBER: P722053
CATALOG NUMBER: IFLD-S-SA3C-735-U-76

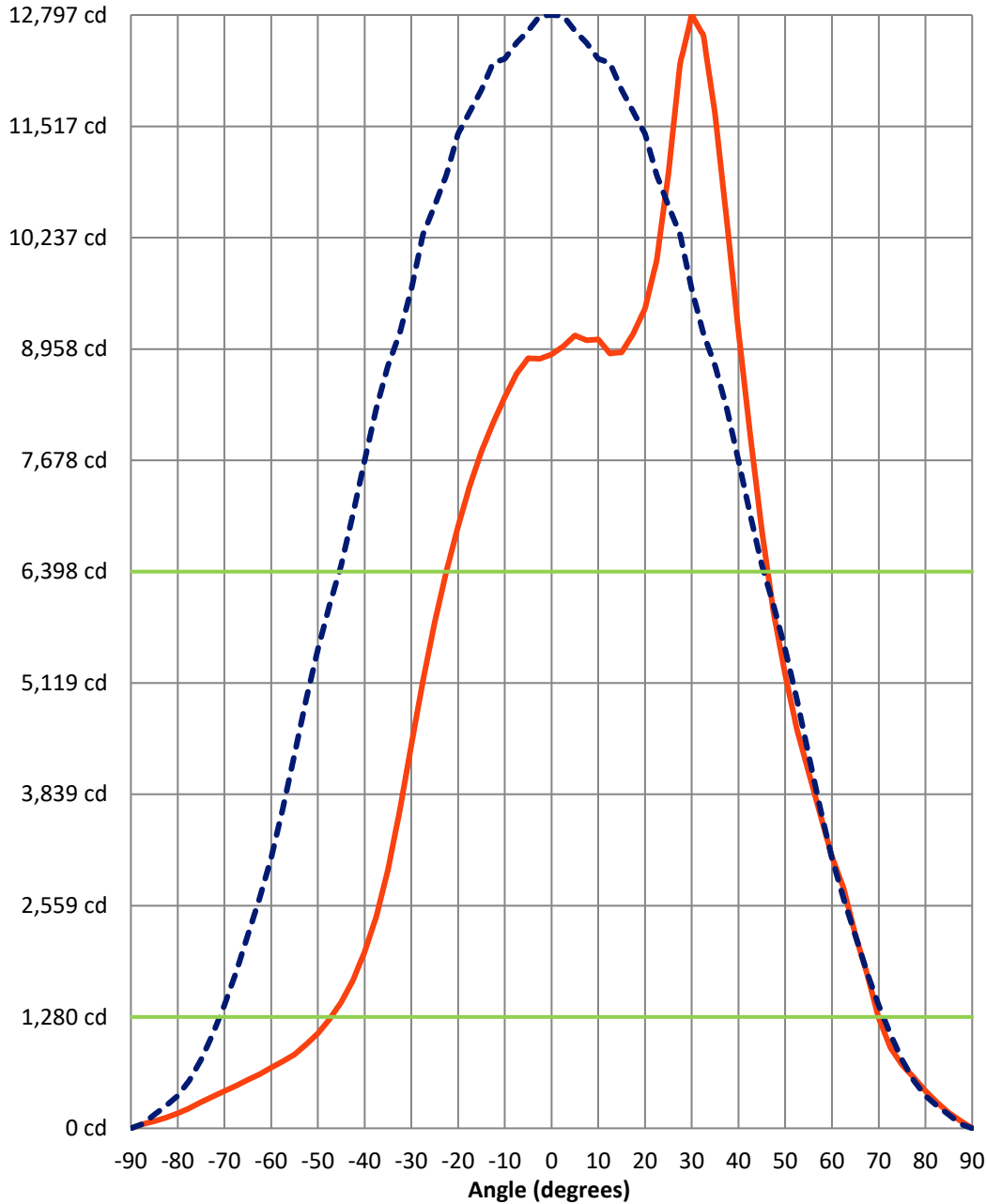
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 12421.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 20017.8
 Efficiency: 93.7%

Spill:
 Lumens: 1343
 Efficiency: 6.3%

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



REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-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°	86.0	88.3	90.5	90.5	88.3	88.3	88.3	86.0	88.3	88.3	88.3
85°	178.8	183.3	187.8	185.6	183.3	178.8	174.2	176.5	178.8	181.0	181.0
82.5°	296.4	303.2	307.8	305.5	301.0	296.4	291.9	294.2	298.7	301.0	301.0
80°	429.9	432.2	434.5	439.0	432.2	432.2	429.9	439.0	443.5	448.1	452.6
77.5°	583.8	586.1	586.1	588.4	590.6	592.9	592.9	608.7	620.0	626.8	633.6
75°	728.7	735.4	742.2	749.0	758.1	762.6	769.4	792.0	810.1	823.7	837.3
72.5°	927.8	936.8	948.2	964.0	979.8	991.1	1007.0	1034.1	1054.5	1068.1	1083.9
70°	1269.5	1278.5	1289.8	1301.2	1317.0	1328.3	1344.2	1378.1	1398.5	1407.5	1416.6
67.5°	1776.4	1799.0	1819.4	1796.7	1785.4	1769.6	1774.1	1805.8	1826.2	1839.7	1837.5
65°	2226.7	2242.5	2242.5	2240.3	2231.2	2210.8	2222.2	2260.6	2283.3	2294.6	2260.6
62.5°	2756.2	2756.2	2744.9	2763.0	2765.3	2751.7	2744.9	2747.1	2749.4	2756.2	2699.6
60°	3122.8	3145.4	3152.2	3168.0	3172.6	3172.6	3183.9	3192.9	3192.9	3179.4	3113.7
57.5°	3607.0	3650.0	3659.1	3647.8	3625.1	3595.7	3591.2	3577.6	3550.5	3523.3	3491.6
55°	4095.8	4118.5	4116.2	4109.4	4086.8	4052.8	4057.4	4039.3	3996.3	3962.3	3919.3
52.5°	4586.9	4641.2	4650.2	4636.7	4605.0	4568.8	4571.0	4550.7	4507.7	4471.5	4412.6
50°	5213.7	5259.0	5254.4	5231.8	5186.5	5159.4	5161.7	5123.2	5073.4	5062.1	4985.1
47.5°	5931.0	5983.1	5974.0	5942.3	5881.2	5869.9	5881.2	5831.5	5802.0	5777.2	5686.6
45°	6872.4	6933.5	6899.6	6838.5	6741.1	6752.5	6768.3	6759.3	6695.9	6630.3	6514.9
42.5°	7976.7	8015.2	7974.4	7913.3	7791.1	7813.8	7804.7	7750.4	7711.9	7603.3	7456.2
40°	9157.9	9241.6	9178.3	9083.2	8956.5	8990.5	8965.6	8895.4	8804.9	8669.1	8483.6
37.5°	10431.9	10497.5	10425.1	10314.3	10201.1	10189.8	10140.0	10031.4	9902.4	9753.1	9456.6
35°	11651.6	11821.3	11687.8	11511.3	11373.3	11321.2	11273.7	11022.5	10875.4	10633.3	10228.3
32.5°	12559.0	12683.5	12518.3	12335.0	12167.6	12095.1	11927.7	11629.0	11549.8	11040.6	10669.5
30°	12796.6	12787.6	12615.6	12475.3	12294.3	12244.5	11936.7	11683.3	11429.9	10959.2	10606.2
27.5°	12230.9	12174.3	12009.2	11887.0	11708.2	11649.4	11346.1	11210.4	10818.9	10420.6	10121.9
25°	10970.5	10999.9	10875.4	10814.3	10696.7	10570.0	10450.0	10266.7	10022.3	9673.9	9400.0
22.5°	9977.1	10015.5	9963.5	9891.1	9800.6	9730.4	9639.9	9497.3	9262.0	9047.0	8789.1
20°	9424.9	9413.6	9368.4	9314.1	9228.1	9178.3	9078.7	8958.8	8777.7	8592.2	8313.9
17.5°	9135.3	9065.1	9022.1	9001.8	8956.5	8893.2	8775.5	8653.3	8513.0	8302.5	8098.9
15°	8920.3	8931.6	8897.7	8881.8	8845.6	8757.4	8637.4	8537.9	8347.8	8241.4	8055.9
12.5°	8906.7	8895.4	8897.7	8890.9	8845.6	8732.5	8671.4	8544.7	8422.5	8282.2	8069.5
10°	9067.4	8947.5	8956.5	8988.2	8915.8	8825.3	8759.6	8621.6	8506.2	8327.4	8117.0
7.5°	9058.3	8997.2	9015.4	8963.3	8985.9	8875.1	8784.5	8646.5	8501.7	8311.6	8121.5
5°	9112.7	9019.9	9004.0	9008.6	8952.0	8868.3	8746.1	8614.8	8479.0	8266.3	8071.7
2.5°	8988.2	9001.8	8929.4	8902.2	8895.4	8755.1	8642.0	8515.3	8375.0	8187.1	8012.9
0°	8895.4	8920.3	8845.6	8807.2	8804.9	8685.0	8612.6	8467.7	8368.2	8212.0	8001.6
-2.5°	8845.6	8875.1	8884.1	8814.0	8746.1	8653.3	8531.1	8375.0	8212.0	8031.0	7850.0
-5°	8850.2	8791.3	8766.4	8789.1	8730.2	8637.4	8501.7	8363.6	8203.0	8008.4	7782.1
-7.5°	8671.4	8612.6	8608.0	8596.7	8583.1	8494.9	8381.7	8232.4	8069.5	7888.4	7678.0
-10°	8404.4	8361.4	8350.1	8338.7	8302.5	8250.5	8144.1	8008.4	7861.3	7680.2	7456.2
-12.5°	8107.9	8087.6	8044.6	8015.2	7978.9	7917.9	7816.0	7691.6	7544.5	7383.8	7191.5
-15°	7779.8	7741.3	7698.4	7673.5	7621.4	7549.0	7447.2	7331.8	7171.1	7012.7	6831.7
-17.5°	7383.8	7336.3	7288.8	7282.0	7245.8	7134.9	7039.8	6899.6	6759.3	6607.6	6431.1
-20°	6917.7	6852.0	6820.3	6802.2	6752.5	6671.0	6569.2	6440.2	6304.4	6159.6	5955.9



REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6401.7	6345.1	6290.8	6256.9	6213.9	6150.5	6053.2	5940.1	5806.6	5643.6	5455.8
-25°	5815.6	5736.4	5702.5	5664.0	5641.4	5582.5	5487.5	5383.4	5245.4	5087.0	4908.2
-27.5°	5145.8	5082.4	5064.3	5010.0	4982.9	4921.8	4842.6	4745.3	4618.6	4469.2	4322.1
-30°	4405.8	4367.4	4338.0	4283.6	4263.3	4197.7	4145.6	4064.1	3948.7	3842.4	3724.7
-32.5°	3645.5	3607.0	3598.0	3573.1	3559.5	3516.5	3457.7	3398.9	3306.1	3226.9	3131.8
-35°	2971.2	2944.0	2946.3	2944.0	2930.4	2898.8	2826.3	2810.5	2742.6	2670.2	2609.1
-37.5°	2432.6	2434.9	2432.6	2430.3	2412.2	2398.7	2346.6	2326.3	2285.5	2215.4	2179.2
-40°	2027.5	2032.1	2029.8	2025.3	2004.9	1998.1	1964.2	1937.0	1921.2	1871.4	1832.9
-42.5°	1699.4	1706.2	1704.0	1701.7	1688.1	1685.9	1667.7	1636.1	1627.0	1597.6	1556.9
-45°	1450.5	1448.2	1443.7	1448.2	1441.5	1434.7	1423.4	1403.0	1391.7	1378.1	1344.2
-47.5°	1253.6	1255.9	1251.4	1251.4	1242.3	1235.5	1231.0	1217.4	1208.4	1197.1	1176.7
-50°	1090.7	1099.8	1097.5	1095.2	1088.4	1083.9	1083.9	1070.3	1056.8	1052.2	1038.7
-52.5°	964.0	970.8	973.0	977.6	979.8	982.1	975.3	961.7	939.1	936.8	930.0
-55°	848.6	868.9	882.5	891.6	900.6	907.4	893.8	875.7	853.1	844.1	841.8
-57.5°	769.4	789.7	805.6	819.2	830.5	841.8	828.2	810.1	789.7	778.4	776.2
-60°	697.0	715.1	730.9	749.0	764.9	783.0	776.2	762.6	751.3	742.2	733.2
-62.5°	620.0	638.1	656.2	678.9	699.2	717.3	719.6	717.3	715.1	717.3	701.5
-65°	556.7	565.7	577.0	601.9	624.6	644.9	656.2	663.0	674.3	685.7	669.8
-67.5°	488.8	500.1	513.7	531.8	549.9	563.5	579.3	597.4	615.5	633.6	622.3
-70°	427.7	436.7	448.1	457.1	468.4	477.5	491.0	511.4	531.8	549.9	545.4
-72.5°	364.3	373.4	380.2	384.7	391.5	396.0	402.8	420.9	434.5	443.5	443.5
-75°	301.0	310.0	316.8	319.1	323.6	325.9	330.4	337.2	344.0	346.2	348.5
-77.5°	230.8	239.9	246.7	251.2	255.7	260.2	262.5	267.0	269.3	269.3	271.5
-80°	172.0	178.8	183.3	190.1	192.3	196.9	201.4	203.7	205.9	205.9	208.2
-82.5°	122.2	126.7	131.2	135.8	140.3	142.6	147.1	149.4	151.6	153.9	156.1
-85°	81.5	86.0	90.5	95.0	97.3	99.6	101.8	104.1	106.4	108.6	110.9
-87.5°	47.5	49.8	52.0	56.6	58.8	63.4	65.6	63.4	65.6	65.6	65.6
-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: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-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°	88.3	88.3	88.3	88.3	86.0	81.5	79.2	74.7	70.1	65.6	61.1
85°	183.3	185.6	185.6	185.6	181.0	178.8	172.0	165.2	156.1	142.6	131.2
82.5°	305.5	307.8	307.8	305.5	301.0	294.2	285.1	273.8	255.7	237.6	221.8
80°	459.4	461.6	461.6	459.4	448.1	436.7	425.4	411.8	389.2	364.3	337.2
77.5°	642.7	647.2	647.2	640.4	624.6	611.0	592.9	570.2	536.3	500.1	463.9
75°	855.4	866.7	868.9	862.2	841.8	816.9	787.5	749.0	697.0	651.7	608.7
72.5°	1102.0	1113.3	1122.4	1113.3	1083.9	1050.0	1007.0	961.7	909.7	848.6	776.2
70°	1425.6	1436.9	1443.7	1414.3	1362.3	1305.7	1253.6	1201.6	1140.5	1065.8	986.6
67.5°	1832.9	1821.6	1808.0	1749.2	1683.6	1615.7	1543.3	1466.4	1387.2	1308.0	1215.2
65°	2224.4	2192.7	2163.3	2093.2	2009.4	1921.2	1837.5	1751.5	1656.4	1556.9	1468.6
62.5°	2636.3	2568.4	2496.0	2410.0	2324.0	2226.7	2143.0	2041.1	1934.8	1812.6	1699.4
60°	3041.3	2959.9	2887.4	2781.1	2667.9	2536.7	2446.2	2346.6	2222.2	2090.9	1957.4
57.5°	3432.8	3344.6	3265.3	3172.6	3050.4	2907.8	2808.2	2679.3	2548.0	2382.8	2247.0
55°	3849.2	3760.9	3697.6	3593.5	3460.0	3328.7	3220.1	3084.3	2901.0	2724.5	2557.1
52.5°	4326.6	4256.5	4188.6	4082.3	3921.6	3788.1	3668.1	3516.5	3324.2	3106.9	2905.6
50°	4860.7	4824.5	4752.1	4627.6	4444.3	4326.6	4168.2	3966.8	3760.9	3532.4	3281.2
47.5°	5569.0	5510.1	5408.3	5272.5	5118.7	4942.2	4729.4	4494.1	4202.2	3948.7	3681.7
45°	6415.3	6306.7	6175.4	5992.1	5802.0	5602.9	5369.8	5071.1	4679.7	4349.3	4068.7
42.5°	7331.8	7184.7	7005.9	6766.0	6519.4	6275.0	6023.8	5616.5	5127.7	4747.5	4430.7
40°	8289.0	8101.1	7877.1	7528.6	7254.8	6940.3	6652.9	6044.2	5523.7	5111.9	4774.7
37.5°	9225.8	8988.2	8612.6	8189.4	7870.3	7612.4	6981.0	6329.3	5863.1	5410.6	5068.9
35°	9943.1	9741.7	9078.7	8639.7	8365.9	7958.6	7168.8	6501.3	6008.0	5632.3	5100.6
32.5°	10368.6	9848.1	9266.5	8823.0	8596.7	7929.2	7182.4	6551.1	6075.9	5655.0	5019.1
30°	10273.5	9644.4	9135.3	8764.2	8273.1	7673.5	7055.7	6474.1	6012.5	5503.3	4928.6
27.5°	9701.0	9214.5	8759.6	8372.7	7890.7	7352.1	6781.9	6270.5	5840.5	5347.2	4804.1
25°	9053.8	8612.6	8275.4	7938.2	7481.1	6967.4	6465.1	6096.2	5664.0	5177.5	4641.2
22.5°	8458.7	8141.9	7877.1	7524.1	7078.3	6630.3	6318.0	5935.6	5492.0	4998.7	4473.7
20°	8078.5	7863.5	7560.3	7171.1	6820.3	6539.8	6193.5	5788.5	5331.4	4815.4	4331.2
17.5°	7895.2	7646.3	7309.1	7055.7	6786.4	6478.7	6091.7	5661.7	5175.2	4731.7	4347.0
15°	7800.2	7537.7	7315.9	7067.0	6763.8	6440.2	6010.2	5564.4	5175.2	4765.6	4358.3
12.5°	7820.5	7594.3	7352.1	7080.6	6754.7	6408.5	6019.3	5605.2	5202.4	4790.5	4360.6
10°	7883.9	7646.3	7388.3	7087.4	6759.3	6417.6	6044.2	5630.1	5216.0	4801.9	4356.1
7.5°	7906.5	7648.6	7372.5	7069.3	6747.9	6413.0	6048.7	5636.9	5218.2	4799.6	4342.5
5°	7836.4	7603.3	7336.3	7030.8	6716.3	6390.4	6030.6	5627.8	5200.1	4777.0	4308.5
2.5°	7741.3	7553.5	7297.8	7003.6	6684.6	6358.7	6001.2	5587.1	5159.4	4736.2	4265.5
0°	7725.5	7492.4	7234.5	6972.0	6632.5	6288.6	5933.3	5510.1	5084.7	4659.3	4190.9
-2.5°	7621.4	7374.8	7116.8	6831.7	6533.0	6186.7	5813.4	5399.3	4978.4	4559.7	4109.4
-5°	7542.2	7268.4	6994.6	6686.8	6385.9	6039.7	5652.7	5249.9	4838.1	4430.7	3996.3
-7.5°	7435.9	7155.3	6867.9	6546.5	6220.7	5867.7	5485.2	5082.4	4677.4	4272.3	3856.0
-10°	7220.9	6974.2	6704.9	6372.3	6028.3	5675.3	5295.2	4899.2	4494.1	4084.5	3665.9
-12.5°	6960.6	6700.4	6406.2	6100.8	5793.0	5464.9	5084.7	4695.5	4288.2	3876.3	3460.0
-15°	6623.5	6367.8	6066.8	5768.1	5471.7	5157.1	4822.2	4471.5	4057.4	3652.3	3235.9
-17.5°	6202.6	5962.7	5693.4	5408.3	5114.1	4797.3	4471.5	4175.0	3788.1	3407.9	2996.1
-20°	5750.0	5526.0	5283.8	5014.6	4720.4	4410.4	4102.6	3792.6	3457.7	3122.8	2740.4



REPORT NUMBER: P722053

CATALOG NUMBER: IFLD-S-SA3C-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5279.3	5053.0	4808.6	4557.5	4285.9	3998.5	3713.4	3417.0	3122.8	2819.6	2496.0
-25°	4736.2	4537.1	4313.1	4068.7	3826.5	3575.4	3303.8	3034.5	2783.4	2520.9	2256.1
-27.5°	4168.2	3984.9	3781.3	3568.6	3360.4	3149.9	2914.6	2665.7	2457.5	2240.3	2020.8
-30°	3570.8	3423.8	3258.6	3073.0	2912.3	2742.6	2545.8	2339.8	2149.7	1984.6	1808.0
-32.5°	3005.1	2880.7	2763.0	2640.8	2482.4	2351.1	2215.4	2063.8	1896.3	1740.2	1613.4
-35°	2518.6	2385.1	2335.3	2244.8	2131.6	2016.2	1916.7	1808.0	1681.3	1543.3	1439.2
-37.5°	2109.0	2029.8	1959.7	1909.9	1835.2	1742.4	1663.2	1584.0	1486.7	1382.6	1278.5
-40°	1789.9	1735.6	1658.7	1633.8	1586.3	1522.9	1441.5	1380.4	1314.7	1235.5	1147.3
-42.5°	1534.2	1493.5	1443.7	1400.7	1380.4	1335.1	1271.7	1212.9	1160.9	1106.6	1038.7
-45°	1323.8	1296.6	1265.0	1226.5	1210.6	1174.4	1129.2	1063.6	1034.1	988.9	939.1
-47.5°	1154.1	1140.5	1117.9	1093.0	1070.3	1043.2	1002.5	961.7	921.0	891.6	853.1
-50°	1020.6	1011.5	997.9	977.6	948.2	930.0	902.9	866.7	828.2	803.3	776.2
-52.5°	914.2	905.2	896.1	880.3	857.6	839.5	816.9	787.5	755.8	730.9	708.3
-55°	832.7	819.2	812.4	798.8	780.7	760.3	740.0	719.6	692.4	669.8	647.2
-57.5°	769.4	751.3	742.2	730.9	712.8	692.4	676.6	656.2	638.1	613.2	592.9
-60°	719.6	699.2	681.1	669.8	654.0	633.6	617.8	601.9	583.8	563.5	538.6
-62.5°	678.9	654.0	629.1	615.5	599.7	581.6	565.7	549.9	531.8	511.4	488.8
-65°	640.4	611.0	579.3	565.7	549.9	531.8	511.4	500.1	484.3	466.2	443.5
-67.5°	592.9	561.2	534.0	518.2	502.4	486.5	468.4	457.1	441.3	418.6	396.0
-70°	522.7	502.4	484.3	470.7	457.1	443.5	425.4	407.3	389.2	368.9	348.5
-72.5°	434.5	427.7	425.4	418.6	402.8	387.0	368.9	350.7	334.9	319.1	303.2
-75°	350.7	355.3	359.8	357.5	341.7	325.9	310.0	294.2	282.9	269.3	255.7
-77.5°	278.3	282.9	287.4	287.4	276.1	267.0	255.7	244.4	235.3	224.0	210.4
-80°	215.0	221.8	228.6	233.1	224.0	217.2	208.2	199.1	190.1	181.0	172.0
-82.5°	162.9	169.7	176.5	181.0	174.2	169.7	162.9	156.1	149.4	140.3	133.5
-85°	117.7	122.2	126.7	129.0	124.5	119.9	115.4	110.9	106.4	99.6	95.0
-87.5°	67.9	70.1	72.4	74.7	70.1	65.6	63.4	58.8	56.6	52.0	49.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-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°	56.6	52.0	47.5	45.3	40.7	33.9	29.4	24.9	20.4	15.8	13.6
85°	119.9	108.6	95.0	88.3	79.2	70.1	61.1	52.0	43.0	33.9	24.9
82.5°	205.9	192.3	178.8	162.9	142.6	117.7	92.8	76.9	63.4	49.8	38.5
80°	310.0	285.1	262.5	242.1	219.5	187.8	153.9	122.2	86.0	65.6	49.8
77.5°	429.9	400.5	368.9	334.9	298.7	255.7	217.2	176.5	133.5	90.5	63.4
75°	565.7	527.3	484.3	436.7	389.2	332.6	278.3	230.8	181.0	126.7	76.9
72.5°	717.3	669.8	617.8	554.4	479.7	414.1	348.5	285.1	226.3	160.7	104.1
70°	911.9	837.3	760.3	692.4	597.4	493.3	416.4	344.0	269.3	196.9	131.2
67.5°	1120.1	1029.6	936.8	837.3	717.3	595.1	484.3	402.8	314.5	230.8	156.1
65°	1346.4	1233.3	1115.6	1004.7	839.5	694.7	570.2	459.4	357.5	262.5	181.0
62.5°	1579.5	1446.0	1310.2	1165.4	975.3	796.5	651.7	522.7	398.3	291.9	203.7
60°	1828.4	1672.3	1507.1	1326.1	1104.3	907.4	728.7	588.4	441.3	321.3	228.6
57.5°	2090.9	1921.2	1726.6	1482.2	1237.8	1013.8	816.9	647.2	479.7	348.5	246.7
55°	2376.0	2181.4	1968.7	1645.1	1369.0	1120.1	905.2	706.0	520.5	371.1	264.8
52.5°	2683.8	2457.5	2188.2	1817.1	1507.1	1228.7	986.6	758.1	558.9	396.0	280.6
50°	3027.7	2742.6	2380.6	1975.5	1627.0	1330.6	1068.1	814.6	590.6	423.2	294.2
47.5°	3385.3	3077.5	2552.5	2122.6	1749.2	1430.1	1151.8	864.4	622.3	445.8	307.8
45°	3758.7	3310.6	2731.3	2253.8	1855.6	1520.7	1215.2	909.7	660.8	466.2	319.1
42.5°	4127.5	3487.1	2887.4	2385.1	1955.1	1602.1	1267.2	952.7	692.4	486.5	330.4
40°	4301.8	3620.6	3011.9	2475.6	2038.9	1674.5	1312.5	991.1	719.6	500.1	341.7
37.5°	4374.2	3702.1	3093.4	2561.6	2104.5	1713.0	1350.9	1025.1	742.2	513.7	350.7
35°	4390.0	3731.5	3134.1	2620.4	2158.8	1749.2	1380.4	1050.0	760.3	527.3	359.8
32.5°	4360.6	3722.5	3145.4	2640.8	2192.7	1776.4	1400.7	1068.1	773.9	540.8	368.9
30°	4295.0	3674.9	3104.7	2638.5	2217.6	1792.2	1414.3	1081.7	787.5	549.9	373.4
27.5°	4188.6	3591.2	3052.6	2640.8	2231.2	1799.0	1421.1	1088.4	796.5	556.7	382.4
25°	4057.4	3478.1	3054.9	2636.3	2233.5	1801.3	1421.1	1088.4	798.8	558.9	389.2
22.5°	3905.7	3478.1	3054.9	2629.5	2219.9	1796.7	1414.3	1083.9	798.8	563.5	396.0
20°	3914.8	3480.3	3048.1	2615.9	2199.5	1783.2	1398.5	1072.6	792.0	570.2	400.5
17.5°	3921.6	3475.8	3034.5	2597.8	2172.4	1760.5	1378.1	1056.8	792.0	577.0	402.8
15°	3921.6	3462.2	3014.2	2570.6	2138.4	1728.8	1348.7	1043.2	794.3	579.3	407.3
12.5°	3914.8	3437.3	2982.5	2534.4	2097.7	1690.4	1330.6	1038.7	794.3	581.6	407.3
10°	3901.2	3403.4	2941.8	2489.2	2059.2	1676.8	1321.5	1029.6	789.7	581.6	407.3
7.5°	3876.3	3362.7	2907.8	2462.0	2036.6	1661.0	1308.0	1016.0	783.0	577.0	411.8
5°	3837.9	3340.0	2880.7	2430.3	2004.9	1649.6	1298.9	1004.7	778.4	577.0	407.3
2.5°	3788.1	3312.9	2849.0	2389.6	1968.7	1611.2	1269.5	979.8	762.6	568.0	402.8
0°	3706.6	3258.6	2794.7	2333.0	1918.9	1572.7	1240.1	954.9	746.8	558.9	398.3
-2.5°	3631.9	3186.1	2724.5	2274.2	1871.4	1538.8	1217.4	941.4	740.0	556.7	396.0
-5°	3527.8	3086.6	2631.7	2197.3	1808.0	1504.8	1194.8	925.5	733.2	552.1	396.0
-7.5°	3412.4	2982.5	2534.4	2118.1	1744.7	1446.0	1151.8	900.6	717.3	543.1	393.7
-10°	3233.7	2826.3	2412.2	2027.5	1676.8	1393.9	1115.6	878.0	703.8	534.0	384.7
-12.5°	3043.6	2654.4	2271.9	1916.7	1599.9	1339.6	1074.9	853.1	687.9	525.0	380.2
-15°	2842.2	2477.9	2124.9	1801.3	1516.1	1274.0	1031.9	826.0	672.1	513.7	373.4
-17.5°	2631.7	2292.3	1973.2	1683.6	1432.4	1206.1	986.6	801.1	654.0	502.4	366.6
-20°	2410.0	2102.2	1819.4	1563.7	1344.2	1138.2	939.1	771.6	633.6	488.8	357.5



REPORT NUMBER: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2190.5	1914.4	1661.0	1446.0	1253.6	1068.1	891.6	742.2	611.0	472.9	350.7
-25°	1995.9	1737.9	1520.7	1332.8	1165.4	1000.2	841.8	712.8	586.1	457.1	341.7
-27.5°	1805.8	1586.3	1382.6	1226.5	1079.4	934.6	794.3	681.1	561.2	439.0	332.6
-30°	1629.3	1441.5	1274.0	1122.4	997.9	875.7	753.5	649.4	534.0	420.9	321.3
-32.5°	1468.6	1317.0	1176.7	1031.9	921.0	816.9	715.1	617.8	506.9	402.8	310.0
-35°	1319.3	1201.6	1079.4	957.2	844.1	762.6	674.3	583.8	482.0	382.4	298.7
-37.5°	1185.8	1090.7	993.4	889.3	792.0	710.5	635.9	549.9	457.1	364.3	287.4
-40°	1070.3	993.4	907.4	823.7	742.2	665.3	597.4	515.9	432.2	350.7	276.1
-42.5°	964.0	905.2	835.0	764.9	692.4	624.6	558.9	479.7	407.3	334.9	264.8
-45°	882.5	823.7	767.1	703.8	642.7	583.8	518.2	448.1	384.7	316.8	253.4
-47.5°	805.6	753.5	701.5	649.4	599.7	545.4	479.7	420.9	359.8	301.0	244.4
-50°	737.7	687.9	642.7	597.4	554.4	502.4	441.3	393.7	339.4	285.1	233.1
-52.5°	674.3	631.3	586.1	549.9	513.7	461.6	411.8	366.6	319.1	267.0	221.8
-55°	617.8	577.0	536.3	502.4	468.4	423.2	382.4	344.0	298.7	253.4	210.4
-57.5°	563.5	529.5	491.0	459.4	425.4	389.2	355.3	319.1	278.3	239.9	199.1
-60°	513.7	482.0	448.1	416.4	387.0	357.5	325.9	296.4	260.2	224.0	187.8
-62.5°	463.9	436.7	407.3	375.6	353.0	325.9	301.0	271.5	242.1	210.4	167.5
-65°	418.6	393.7	366.6	339.4	319.1	298.7	276.1	248.9	224.0	194.6	149.4
-67.5°	373.4	350.7	328.1	305.5	287.4	271.5	248.9	228.6	208.2	176.5	131.2
-70°	330.4	312.3	291.9	273.8	260.2	242.1	226.3	208.2	190.1	153.9	110.9
-72.5°	289.6	271.5	255.7	242.1	230.8	215.0	201.4	187.8	162.9	129.0	92.8
-75°	242.1	230.8	221.8	210.4	199.1	187.8	176.5	160.7	135.8	104.1	72.4
-77.5°	199.1	192.3	185.6	176.5	167.5	158.4	144.8	129.0	108.6	81.5	58.8
-80°	162.9	156.1	151.6	142.6	135.8	126.7	113.1	99.6	79.2	63.4	47.5
-82.5°	124.5	119.9	115.4	110.9	104.1	95.0	81.5	70.1	58.8	47.5	36.2
-85°	88.3	86.0	81.5	76.9	70.1	63.4	54.3	47.5	40.7	31.7	24.9
-87.5°	45.3	43.0	40.7	38.5	36.2	31.7	27.2	22.6	20.4	15.8	11.3
-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: P722053
 CATALOG NUMBER: IFLD-S-SA3C-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.1	6.8	2.3	0.0
85°	18.1	11.3	4.5	0.0
82.5°	27.2	18.1	6.8	0.0
80°	36.2	22.6	11.3	0.0
77.5°	45.3	27.2	13.6	0.0
75°	54.3	33.9	15.8	0.0
72.5°	61.1	38.5	18.1	0.0
70°	72.4	45.3	20.4	0.0
67.5°	90.5	49.8	22.6	0.0
65°	106.4	54.3	24.9	0.0
62.5°	124.5	58.8	27.2	0.0
60°	140.3	63.4	29.4	0.0
57.5°	156.1	74.7	31.7	0.0
55°	169.7	83.7	33.9	0.0
52.5°	185.6	92.8	36.2	0.0
50°	199.1	101.8	38.5	0.0
47.5°	210.4	110.9	38.5	0.0
45°	219.5	117.7	40.7	0.0
42.5°	226.3	124.5	43.0	0.0
40°	233.1	131.2	45.3	0.0
37.5°	239.9	138.0	45.3	0.0
35°	246.7	144.8	47.5	0.0
32.5°	253.4	151.6	47.5	0.0
30°	258.0	156.1	49.8	0.0
27.5°	264.8	160.7	49.8	0.0
25°	267.0	165.2	52.0	0.0
22.5°	271.5	167.5	52.0	0.0
20°	276.1	172.0	52.0	0.0
17.5°	278.3	174.2	54.3	0.0
15°	278.3	176.5	56.6	0.0
12.5°	280.6	178.8	56.6	0.0
10°	280.6	183.3	54.3	0.0
7.5°	285.1	181.0	54.3	0.0
5°	282.9	181.0	54.3	0.0
2.5°	280.6	178.8	54.3	0.0
0°	278.3	178.8	54.3	0.0
-2.5°	278.3	178.8	54.3	0.0
-5°	278.3	178.8	54.3	0.0
-7.5°	276.1	181.0	54.3	0.0
-10°	271.5	181.0	54.3	0.0
-12.5°	269.3	174.2	54.3	0.0
-15°	267.0	172.0	54.3	0.0
-17.5°	262.5	169.7	52.0	0.0
-20°	258.0	167.5	52.0	0.0



REPORT NUMBER: P722053

CATALOG NUMBER: IFLD-S-SA3C-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	253.4	162.9	52.0	0.0
-25°	248.9	158.4	49.8	0.0
-27.5°	244.4	153.9	49.8	0.0
-30°	237.6	149.4	47.5	0.0
-32.5°	230.8	144.8	47.5	0.0
-35°	226.3	138.0	45.3	0.0
-37.5°	219.5	131.2	45.3	0.0
-40°	212.7	124.5	43.0	0.0
-42.5°	205.9	117.7	40.7	0.0
-45°	196.9	110.9	40.7	0.0
-47.5°	190.1	104.1	38.5	0.0
-50°	178.8	95.0	36.2	0.0
-52.5°	165.2	86.0	33.9	0.0
-55°	151.6	79.2	31.7	0.0
-57.5°	138.0	70.1	31.7	0.0
-60°	124.5	61.1	29.4	0.0
-62.5°	110.9	56.6	27.2	0.0
-65°	97.3	52.0	24.9	0.0
-67.5°	81.5	45.3	22.6	0.0
-70°	67.9	40.7	20.4	0.0
-72.5°	58.8	36.2	18.1	0.0
-75°	49.8	31.7	15.8	0.0
-77.5°	43.0	27.2	13.6	0.0
-80°	33.9	20.4	9.1	0.0
-82.5°	24.9	15.8	6.8	0.0
-85°	15.8	11.3	4.5	0.0
-87.5°	9.1	4.5	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)