

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: P722111

Luminaire Tested: **IFLD-S-SA3C-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722111
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

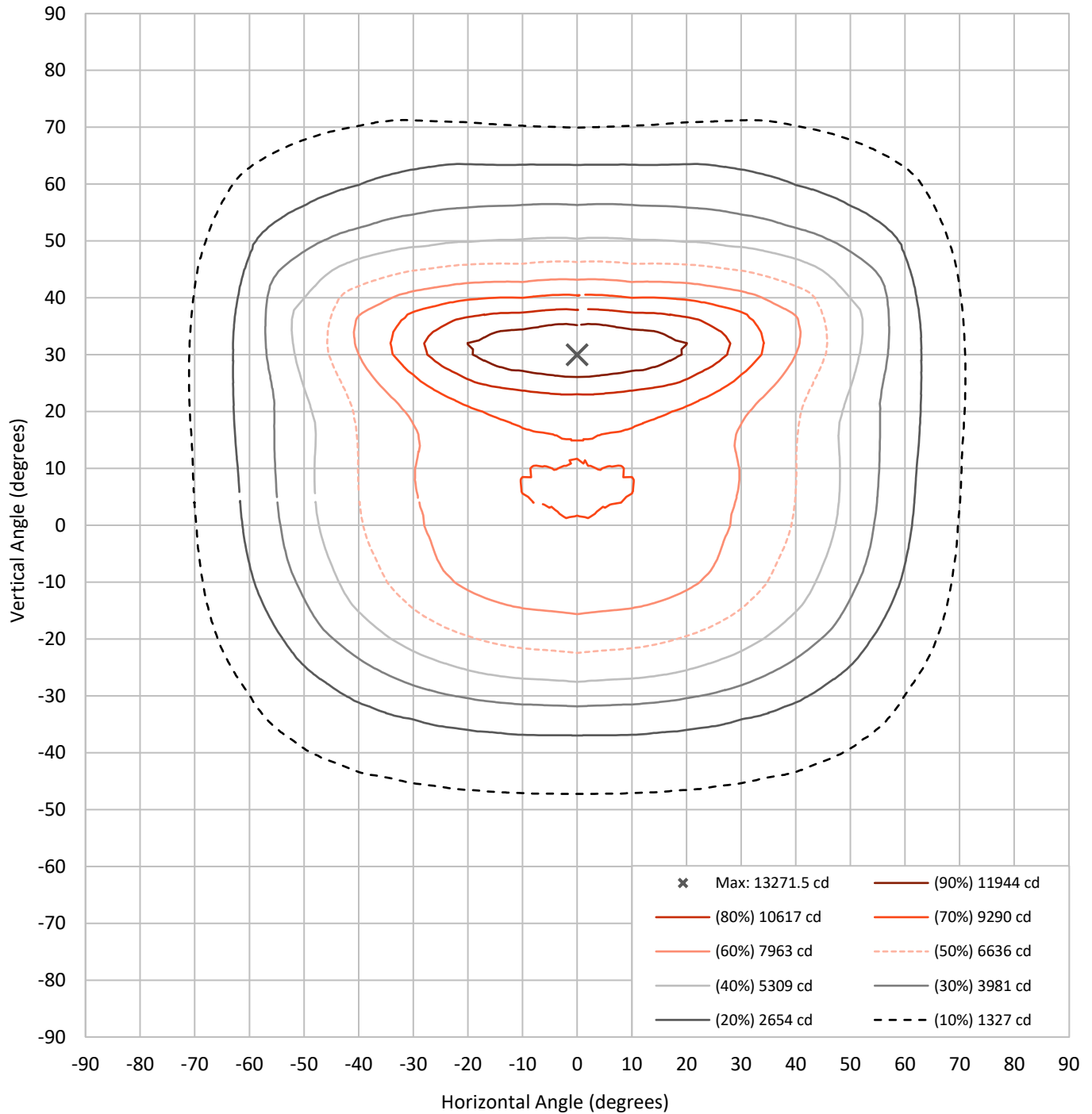
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	22153.5 lumens	Max Intensity:	13271.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	137.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12882.5 lumens	Field Lumens:	20760.7 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



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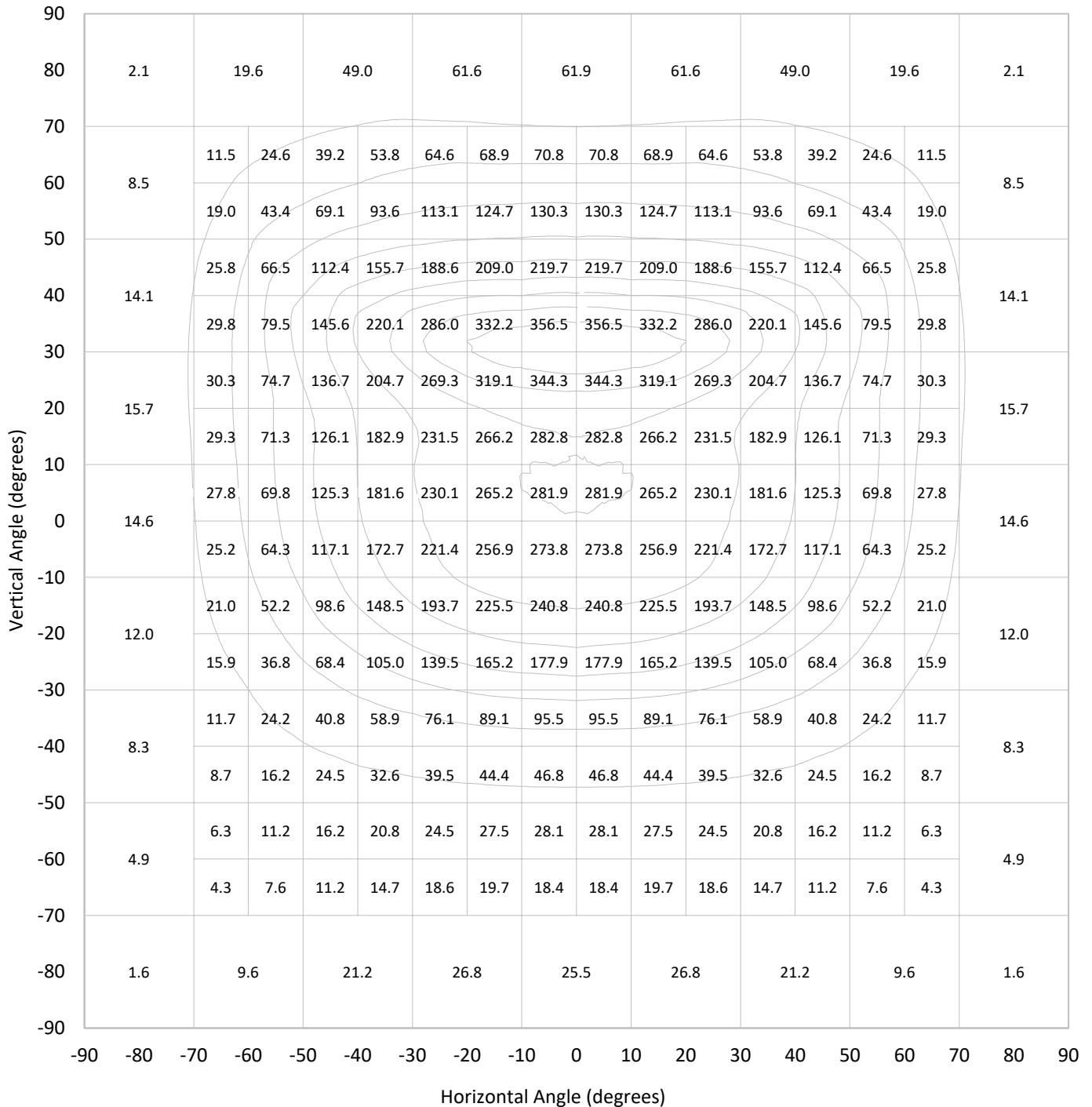
Iso-Candela Plot





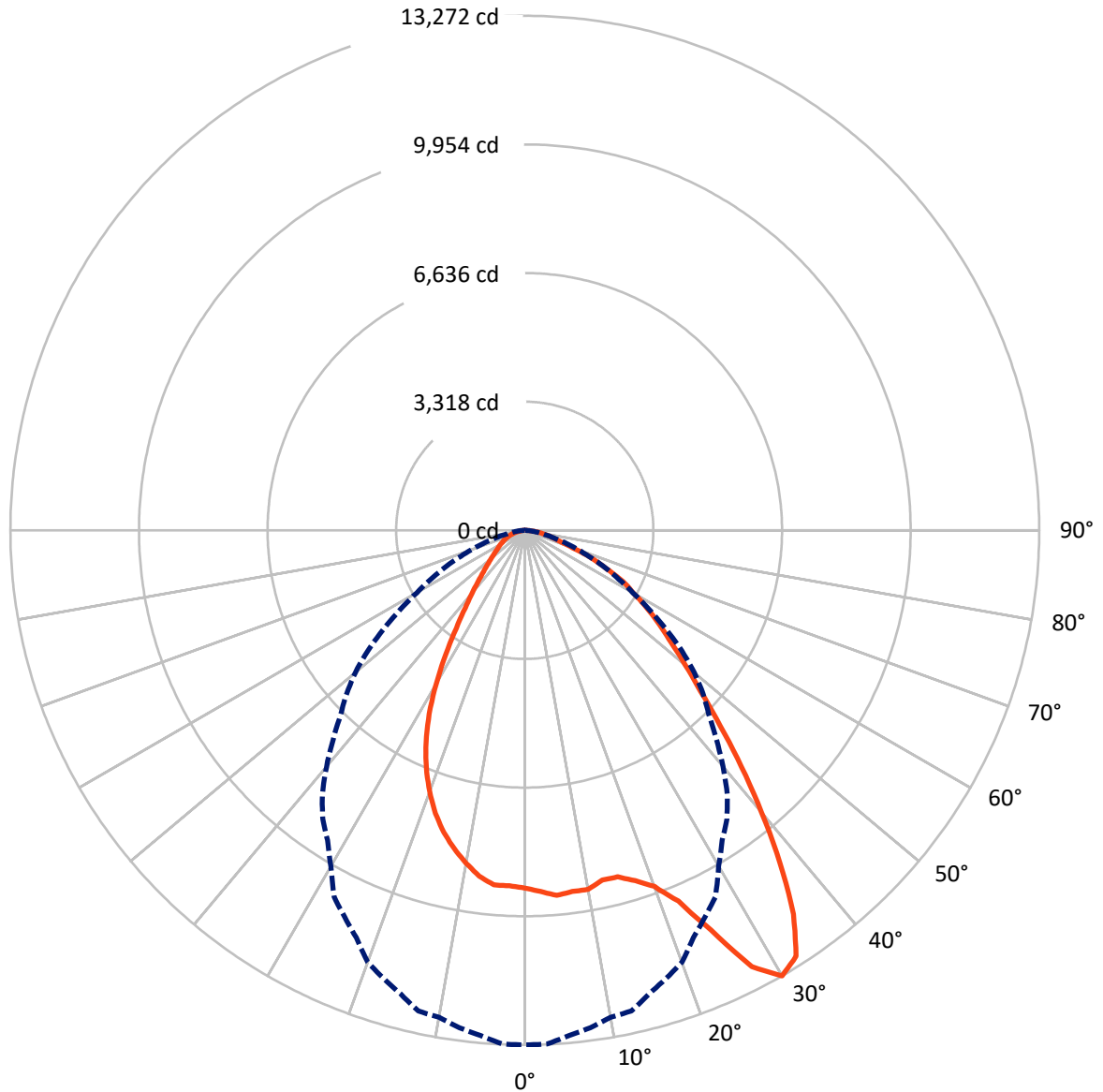
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Lumen Table



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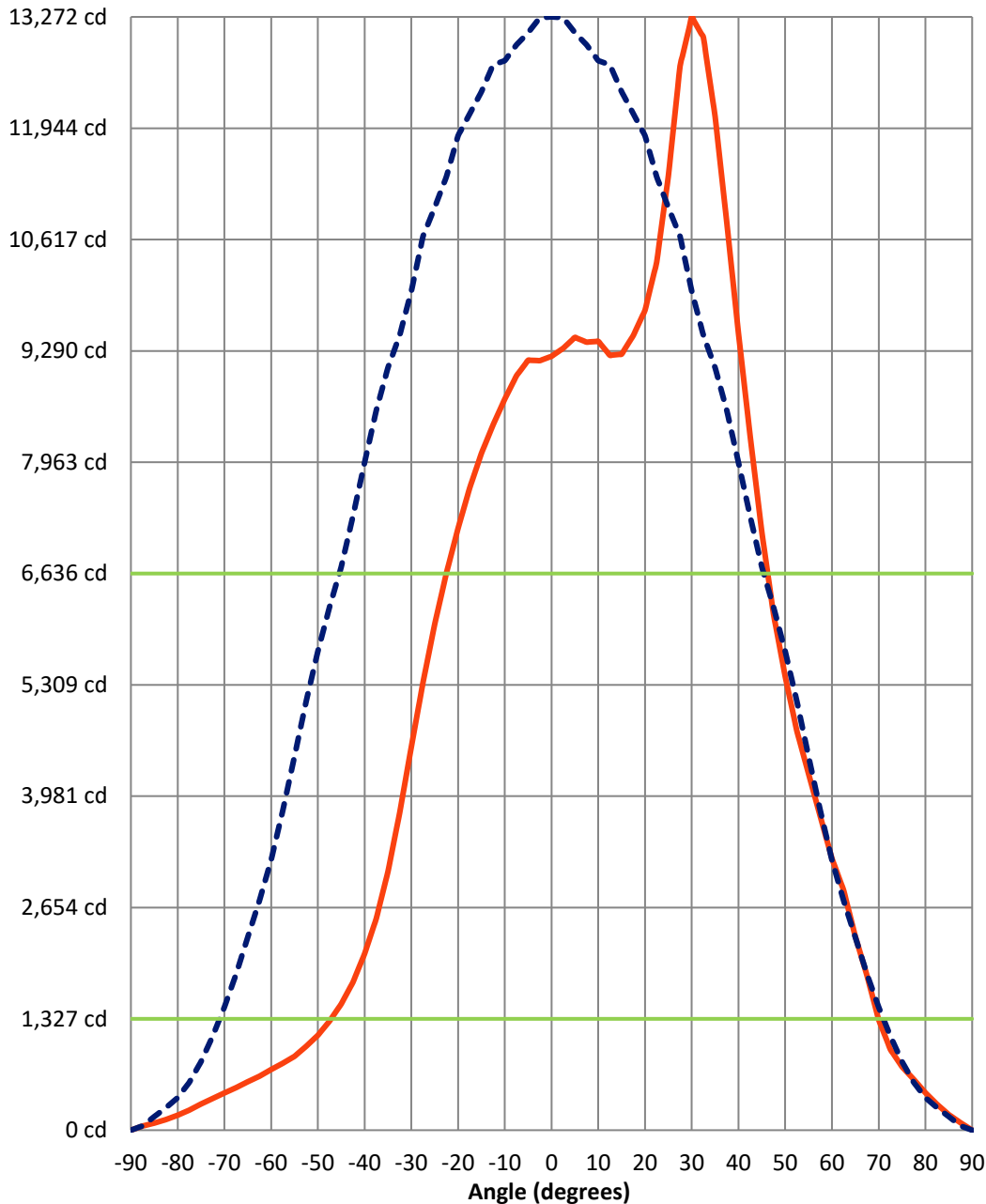
Luminous Intensity Polar Plot



— 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: 12882.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 20760.7
 Efficiency: 93.7%

Spill:
 Lumens: 1392.8
 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°	89.2	91.5	93.9	93.9	91.5	91.5	91.5	89.2	91.5	91.5	91.5
85°	185.4	190.1	194.8	192.4	190.1	185.4	180.7	183.1	185.4	187.7	187.7
82.5°	307.4	314.5	319.2	316.8	312.1	307.4	302.7	305.1	309.8	312.1	312.1
80°	445.9	448.3	450.6	455.3	448.3	448.3	445.9	455.3	460.0	464.7	469.4
77.5°	605.5	607.8	607.8	610.2	612.5	614.9	614.9	631.3	643.0	650.1	657.1
75°	755.7	762.7	769.8	776.8	786.2	790.9	797.9	821.4	840.2	854.3	868.3
72.5°	962.2	971.6	983.3	999.8	1016.2	1027.9	1044.4	1072.5	1093.6	1107.7	1124.1
70°	1316.6	1326.0	1337.7	1349.4	1365.9	1377.6	1394.0	1429.2	1450.4	1459.7	1469.1
67.5°	1842.3	1865.8	1886.9	1863.4	1851.7	1835.2	1839.9	1872.8	1893.9	1908.0	1905.7
65°	2309.3	2325.7	2325.7	2323.4	2314.0	2292.9	2304.6	2344.5	2368.0	2379.7	2344.5
62.5°	2858.5	2858.5	2846.7	2865.5	2867.9	2853.8	2846.7	2849.1	2851.4	2858.5	2799.8
60°	3238.7	3262.1	3269.2	3285.6	3290.3	3290.3	3302.0	3311.4	3311.4	3297.3	3229.3
57.5°	3740.9	3785.5	3794.9	3783.1	3759.7	3729.2	3724.5	3710.4	3682.2	3654.1	3621.2
55°	4247.8	4271.3	4268.9	4261.9	4238.4	4203.2	4207.9	4189.1	4144.6	4109.4	4064.8
52.5°	4757.1	4813.4	4822.8	4808.7	4775.9	4738.3	4740.7	4719.5	4674.9	4637.4	4576.4
50°	5407.2	5454.1	5449.4	5425.9	5379.0	5350.8	5353.2	5313.3	5261.7	5249.9	5170.1
47.5°	6151.1	6205.1	6195.7	6162.9	6099.5	6087.8	6099.5	6047.9	6017.4	5991.5	5897.7
45°	7127.4	7190.8	7155.6	7092.2	6991.3	7003.0	7019.5	7010.1	6944.4	6876.3	6756.6
42.5°	8272.7	8312.6	8270.3	8207.0	8080.2	8103.7	8094.3	8038.0	7998.1	7885.5	7732.9
40°	9497.7	9584.6	9518.9	9420.3	9288.9	9324.1	9298.3	9225.5	9131.6	8990.8	8798.4
37.5°	10819.0	10887.1	10812.0	10697.0	10579.7	10567.9	10516.3	10403.6	10269.9	10115.0	9807.5
35°	12084.0	12260.0	12121.5	11938.5	11795.3	11741.3	11692.1	11431.6	11279.0	11027.9	10607.8
32.5°	13025.1	13154.2	12982.8	12792.7	12619.1	12544.0	12370.3	12060.5	11978.4	11450.3	11065.5
30°	13271.5	13262.1	13083.8	12938.2	12750.5	12698.9	12379.7	12116.8	11854.0	11365.9	10999.7
27.5°	12684.8	12626.1	12454.8	12328.1	12142.7	12081.6	11767.2	11626.4	11220.3	10807.3	10497.5
25°	11377.6	11408.1	11279.0	11215.7	11093.6	10962.2	10837.8	10647.7	10394.3	10032.8	9748.9
22.5°	10347.3	10387.2	10333.2	10258.1	10164.3	10091.5	9997.6	9849.8	9605.7	9382.8	9115.2
20°	9774.7	9762.9	9716.0	9659.7	9570.5	9518.9	9415.6	9291.2	9103.5	8911.0	8622.4
17.5°	9474.3	9401.5	9356.9	9335.8	9288.9	9223.2	9101.1	8974.4	8828.9	8610.6	8399.4
15°	9251.3	9263.1	9227.9	9211.4	9173.9	9082.4	8958.0	8854.7	8657.6	8547.3	8354.8
12.5°	9237.2	9225.5	9227.9	9220.8	9173.9	9056.5	8993.2	8861.7	8735.0	8589.5	8368.9
10°	9403.9	9279.5	9288.9	9321.7	9246.6	9152.8	9084.7	8941.5	8821.9	8636.5	8418.2
7.5°	9394.5	9331.1	9349.9	9295.9	9319.4	9204.4	9110.5	8967.4	8817.2	8620.0	8422.9
5°	9450.8	9354.6	9338.2	9342.9	9284.2	9197.4	9070.6	8934.5	8793.7	8573.1	8371.3
2.5°	9321.7	9335.8	9260.7	9232.6	9225.5	9080.0	8962.7	8831.2	8685.7	8490.9	8310.2
0°	9225.5	9251.3	9173.9	9134.0	9131.6	9007.3	8932.2	8782.0	8678.7	8516.8	8298.5
-2.5°	9173.9	9204.4	9213.8	9141.0	9070.6	8974.4	8847.7	8685.7	8516.8	8329.0	8141.3
-5°	9178.6	9117.6	9091.7	9115.2	9054.2	8958.0	8817.2	8674.0	8507.4	8305.5	8070.9
-7.5°	8993.2	8932.2	8927.5	8915.7	8901.6	8810.1	8692.8	8537.9	8368.9	8181.2	7962.9
-10°	8716.2	8671.7	8659.9	8648.2	8610.6	8556.7	8446.4	8305.5	8153.0	7965.2	7732.9
-12.5°	8408.8	8387.7	8343.1	8312.6	8275.0	8211.7	8106.1	7977.0	7824.4	7657.8	7458.3
-15°	8068.5	8028.6	7984.0	7958.2	7904.2	7829.1	7723.5	7603.8	7437.2	7272.9	7085.2
-17.5°	7657.8	7608.5	7559.2	7552.2	7514.7	7399.7	7301.1	7155.6	7010.1	6852.8	6669.8
-20°	7174.4	7106.3	7073.4	7054.7	7003.0	6918.5	6812.9	6679.2	6538.4	6388.2	6176.9



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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°	6639.3	6580.6	6524.3	6489.1	6444.5	6378.8	6277.9	6160.5	6022.0	5853.1	5658.3
-25°	6031.4	5949.3	5914.1	5874.2	5850.7	5789.7	5691.1	5583.2	5440.0	5275.7	5090.3
-27.5°	5336.8	5271.1	5252.3	5196.0	5167.8	5104.4	5022.3	4921.4	4789.9	4635.1	4482.5
-30°	4569.3	4529.4	4498.9	4442.6	4421.5	4353.4	4299.5	4215.0	4095.3	3985.0	3862.9
-32.5°	3780.8	3740.9	3731.5	3705.7	3691.6	3647.0	3586.0	3525.0	3428.8	3346.6	3248.1
-35°	3081.4	3053.3	3055.6	3053.3	3039.2	3006.3	2931.2	2914.8	2844.4	2769.3	2705.9
-37.5°	2522.9	2525.2	2522.9	2520.5	2501.8	2487.7	2433.7	2412.6	2370.3	2297.6	2260.0
-40°	2102.8	2107.5	2105.1	2100.4	2079.3	2072.3	2037.1	2008.9	1992.5	1940.9	1901.0
-42.5°	1762.5	1769.5	1767.2	1764.8	1750.8	1748.4	1729.6	1696.8	1687.4	1656.9	1614.6
-45°	1504.3	1502.0	1497.3	1502.0	1495.0	1487.9	1476.2	1455.1	1443.3	1429.2	1394.0
-47.5°	1300.2	1302.5	1297.8	1297.8	1288.4	1281.4	1276.7	1262.6	1253.2	1241.5	1220.4
-50°	1131.2	1140.6	1138.2	1135.9	1128.8	1124.1	1124.1	1110.1	1096.0	1091.3	1077.2
-52.5°	999.8	1006.8	1009.2	1013.8	1016.2	1018.5	1011.5	997.4	973.9	971.6	964.6
-55°	880.1	901.2	915.3	924.7	934.1	941.1	927.0	908.2	884.8	875.4	873.0
-57.5°	797.9	819.1	835.5	849.6	861.3	873.0	859.0	840.2	819.1	807.3	805.0
-60°	722.8	741.6	758.0	776.8	793.2	812.0	805.0	790.9	779.2	769.8	760.4
-62.5°	643.0	661.8	680.6	704.1	725.2	744.0	746.3	744.0	741.6	744.0	727.5
-65°	577.3	586.7	598.4	624.3	647.7	668.9	680.6	687.6	699.4	711.1	694.7
-67.5°	506.9	518.7	532.7	551.5	570.3	584.4	600.8	619.6	638.3	657.1	645.4
-70°	443.6	452.9	464.7	474.1	485.8	495.2	509.3	530.4	551.5	570.3	565.6
-72.5°	377.8	387.2	394.3	399.0	406.0	410.7	417.7	436.5	450.6	460.0	460.0
-75°	312.1	321.5	328.6	330.9	335.6	337.9	342.6	349.7	356.7	359.1	361.4
-77.5°	239.4	248.8	255.8	260.5	265.2	269.9	272.2	276.9	279.3	279.3	281.6
-80°	178.4	185.4	190.1	197.1	199.5	204.2	208.9	211.2	213.6	213.6	215.9
-82.5°	126.7	131.4	136.1	140.8	145.5	147.9	152.5	154.9	157.2	159.6	161.9
-85°	84.5	89.2	93.9	98.6	100.9	103.3	105.6	108.0	110.3	112.6	115.0
-87.5°	49.3	51.6	54.0	58.7	61.0	65.7	68.1	65.7	68.1	68.1	68.1
-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°	91.5	91.5	91.5	91.5	89.2	84.5	82.1	77.4	72.8	68.1	63.4
85°	190.1	192.4	192.4	192.4	187.7	185.4	178.4	171.3	161.9	147.9	136.1
82.5°	316.8	319.2	319.2	316.8	312.1	305.1	295.7	284.0	265.2	246.4	230.0
80°	476.4	478.8	478.8	476.4	464.7	452.9	441.2	427.1	403.7	377.8	349.7
77.5°	666.5	671.2	671.2	664.2	647.7	633.7	614.9	591.4	556.2	518.7	481.1
75°	887.1	898.8	901.2	894.2	873.0	847.2	816.7	776.8	722.8	675.9	631.3
72.5°	1142.9	1154.7	1164.0	1154.7	1124.1	1088.9	1044.4	997.4	943.4	880.1	805.0
70°	1478.5	1490.3	1497.3	1466.8	1412.8	1354.1	1300.2	1246.2	1182.8	1105.4	1023.2
67.5°	1901.0	1889.2	1875.1	1814.1	1746.1	1675.7	1600.6	1520.8	1438.6	1356.5	1260.3
65°	2307.0	2274.1	2243.6	2170.8	2084.0	1992.5	1905.7	1816.5	1717.9	1614.6	1523.1
62.5°	2734.1	2663.7	2588.6	2499.4	2410.2	2309.3	2222.5	2116.9	2006.6	1879.8	1762.5
60°	3154.2	3069.7	2994.6	2884.3	2766.9	2630.8	2537.0	2433.7	2304.6	2168.5	2030.0
57.5°	3560.2	3468.7	3386.5	3290.3	3163.6	3015.7	2912.5	2778.7	2642.6	2471.2	2330.4
55°	3992.0	3900.5	3834.8	3726.8	3588.4	3452.2	3339.6	3198.8	3008.7	2825.6	2652.0
52.5°	4487.2	4414.4	4344.0	4233.7	4067.1	3928.6	3804.3	3647.0	3447.5	3222.2	3013.4
50°	5041.1	5003.5	4928.4	4799.3	4609.2	4487.2	4322.9	4114.0	3900.5	3663.5	3402.9
47.5°	5775.6	5714.6	5609.0	5468.2	5308.6	5125.5	4904.9	4660.9	4358.1	4095.3	3818.3
45°	6653.4	6540.7	6404.6	6214.5	6017.4	5810.8	5569.1	5259.3	4853.3	4510.7	4219.7
42.5°	7603.8	7451.3	7265.9	7017.1	6761.3	6507.8	6247.3	5824.9	5318.0	4923.7	4595.2
40°	8596.6	8401.8	8169.4	7808.0	7524.0	7197.8	6899.8	6268.5	5728.7	5301.6	4951.9
37.5°	9568.2	9321.7	8932.2	8493.3	8162.4	7894.8	7240.1	6564.2	6080.7	5611.3	5257.0
35°	10312.1	10103.2	9415.6	8960.3	8676.3	8253.9	7434.9	6742.5	6230.9	5841.3	5289.8
32.5°	10753.3	10213.5	9610.4	9150.4	8915.7	8223.4	7448.9	6794.2	6301.3	5864.8	5205.3
30°	10654.8	10002.3	9474.3	9089.4	8580.1	7958.2	7317.5	6714.4	6235.6	5707.6	5111.5
27.5°	10061.0	9556.4	9084.7	8683.4	8183.5	7625.0	7033.5	6503.2	6057.3	5545.6	4982.4
25°	9389.8	8932.2	8582.5	8232.8	7758.7	7226.0	6705.0	6322.4	5874.2	5369.6	4813.4
22.5°	8772.6	8444.0	8169.4	7803.3	7341.0	6876.3	6552.4	6155.8	5695.8	5184.2	4639.7
20°	8378.3	8155.3	7840.9	7437.2	7073.4	6782.4	6423.4	6003.3	5529.2	4994.1	4491.9
17.5°	8188.2	7930.0	7580.4	7317.5	7038.2	6719.1	6317.8	5871.8	5367.3	4907.3	4508.3
15°	8089.6	7817.4	7587.4	7329.2	7014.8	6679.2	6233.3	5770.9	5367.3	4942.5	4520.1
12.5°	8110.8	7876.1	7625.0	7343.3	7005.4	6646.3	6242.7	5813.2	5395.4	4968.3	4522.4
10°	8176.5	7930.0	7662.5	7350.4	7010.1	6655.7	6268.5	5839.0	5409.5	4980.0	4517.7
7.5°	8199.9	7932.4	7646.1	7331.6	6998.3	6651.0	6273.2	5846.0	5411.9	4977.7	4503.6
5°	8127.2	7885.5	7608.5	7291.7	6965.5	6627.5	6254.4	5836.6	5393.1	4954.2	4468.4
2.5°	8028.6	7833.8	7568.6	7263.5	6932.6	6594.7	6223.9	5794.4	5350.8	4912.0	4423.8
0°	8012.2	7770.5	7502.9	7230.7	6878.7	6521.9	6153.5	5714.6	5273.4	4832.2	4346.4
-2.5°	7904.2	7648.4	7380.9	7085.2	6775.4	6416.3	6029.1	5599.6	5163.1	4728.9	4261.9
-5°	7822.1	7538.1	7254.1	6935.0	6622.8	6263.8	5862.5	5444.7	5017.6	4595.2	4144.6
-7.5°	7711.8	7420.8	7122.7	6789.5	6451.5	6085.4	5688.8	5271.1	4851.0	4430.9	3999.1
-10°	7488.8	7233.0	6953.8	6608.8	6252.0	5885.9	5491.7	5081.0	4660.9	4236.1	3801.9
-12.5°	7218.9	6949.1	6644.0	6327.1	6008.0	5667.7	5273.4	4869.7	4447.3	4020.2	3588.4
-15°	6869.3	6604.1	6291.9	5982.2	5674.7	5348.5	5001.2	4637.4	4207.9	3787.8	3356.0
-17.5°	6432.7	6184.0	5904.7	5609.0	5303.9	4975.3	4637.4	4330.0	3928.6	3534.4	3107.2
-20°	5963.4	5731.0	5479.9	5200.6	4895.6	4574.0	4254.9	3933.3	3586.0	3238.7	2842.0



REPORT NUMBER: P722111
 CATALOG NUMBER: IFLD-S-SA3C-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5475.2	5240.5	4987.1	4726.6	4445.0	4146.9	3851.2	3543.8	3238.7	2924.2	2588.6
-25°	4912.0	4705.5	4473.1	4219.7	3968.5	3708.0	3426.4	3147.1	2886.6	2614.4	2339.8
-27.5°	4322.9	4132.8	3921.6	3701.0	3485.1	3266.8	3022.8	2764.6	2548.7	2323.4	2095.7
-30°	3703.3	3550.8	3379.5	3187.0	3020.4	2844.4	2640.2	2426.7	2229.5	2058.2	1875.1
-32.5°	3116.6	2987.6	2865.5	2738.8	2574.5	2438.4	2297.6	2140.3	1966.7	1804.7	1673.3
-35°	2612.1	2473.6	2422.0	2328.1	2210.7	2091.1	1987.8	1875.1	1743.7	1600.6	1492.6
-37.5°	2187.3	2105.1	2032.4	1980.8	1903.3	1807.1	1724.9	1642.8	1541.9	1433.9	1326.0
-40°	1856.4	1800.0	1720.2	1694.4	1645.2	1579.4	1495.0	1431.6	1363.5	1281.4	1189.9
-42.5°	1591.2	1548.9	1497.3	1452.7	1431.6	1384.6	1318.9	1257.9	1203.9	1147.6	1077.2
-45°	1372.9	1344.8	1311.9	1272.0	1255.6	1218.0	1171.1	1103.0	1072.5	1025.6	973.9
-47.5°	1196.9	1182.8	1159.3	1133.5	1110.1	1081.9	1039.7	997.4	955.2	924.7	884.8
-50°	1058.4	1049.0	1035.0	1013.8	983.3	964.6	936.4	898.8	859.0	833.1	805.0
-52.5°	948.1	938.7	929.4	912.9	889.5	870.7	847.2	816.7	783.9	758.0	734.6
-55°	863.6	849.6	842.5	828.4	809.7	788.5	767.4	746.3	718.1	694.7	671.2
-57.5°	797.9	779.2	769.8	758.0	739.3	718.1	701.7	680.6	661.8	636.0	614.9
-60°	746.3	725.2	706.4	694.7	678.2	657.1	640.7	624.3	605.5	584.4	558.6
-62.5°	704.1	678.2	652.4	638.3	621.9	603.1	586.7	570.3	551.5	530.4	506.9
-65°	664.2	633.7	600.8	586.7	570.3	551.5	530.4	518.7	502.2	483.5	460.0
-67.5°	614.9	582.0	553.9	537.4	521.0	504.6	485.8	474.1	457.6	434.2	410.7
-70°	542.1	521.0	502.2	488.1	474.1	460.0	441.2	422.4	403.7	382.5	361.4
-72.5°	450.6	443.6	441.2	434.2	417.7	401.3	382.5	363.8	347.3	330.9	314.5
-75°	363.8	368.5	373.2	370.8	354.4	337.9	321.5	305.1	293.4	279.3	265.2
-77.5°	288.7	293.4	298.1	298.1	286.3	276.9	265.2	253.5	244.1	232.3	218.3
-80°	223.0	230.0	237.0	241.7	232.3	225.3	215.9	206.5	197.1	187.7	178.4
-82.5°	169.0	176.0	183.1	187.7	180.7	176.0	169.0	161.9	154.9	145.5	138.5
-85°	122.0	126.7	131.4	133.8	129.1	124.4	119.7	115.0	110.3	103.3	98.6
-87.5°	70.4	72.8	75.1	77.4	72.8	68.1	65.7	61.0	58.7	54.0	51.6
-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: P722111
 CATALOG NUMBER: IFLD-S-SA3C-750-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°	58.7	54.0	49.3	46.9	42.2	35.2	30.5	25.8	21.1	16.4	14.1
85°	124.4	112.6	98.6	91.5	82.1	72.8	63.4	54.0	44.6	35.2	25.8
82.5°	213.6	199.5	185.4	169.0	147.9	122.0	96.2	79.8	65.7	51.6	39.9
80°	321.5	295.7	272.2	251.1	227.6	194.8	159.6	126.7	89.2	68.1	51.6
77.5°	445.9	415.4	382.5	347.3	309.8	265.2	225.3	183.1	138.5	93.9	65.7
75°	586.7	546.8	502.2	452.9	403.7	345.0	288.7	239.4	187.7	131.4	79.8
72.5°	744.0	694.7	640.7	575.0	497.5	429.5	361.4	295.7	234.7	166.6	108.0
70°	945.8	868.3	788.5	718.1	619.6	511.6	431.8	356.7	279.3	204.2	136.1
67.5°	1161.7	1067.8	971.6	868.3	744.0	617.2	502.2	417.7	326.2	239.4	161.9
65°	1396.4	1279.0	1157.0	1042.0	870.7	720.5	591.4	476.4	370.8	272.2	187.7
62.5°	1638.1	1499.6	1358.8	1208.6	1011.5	826.1	675.9	542.1	413.0	302.7	211.2
60°	1896.3	1734.3	1563.0	1375.3	1145.3	941.1	755.7	610.2	457.6	333.3	237.0
57.5°	2168.5	1992.5	1790.7	1537.2	1283.7	1051.4	847.2	671.2	497.5	361.4	255.8
55°	2464.2	2262.4	2041.8	1706.2	1419.9	1161.7	938.7	732.2	539.8	384.9	274.6
52.5°	2783.4	2548.7	2269.4	1884.5	1563.0	1274.3	1023.2	786.2	579.7	410.7	291.0
50°	3140.1	2844.4	2468.9	2048.8	1687.4	1380.0	1107.7	844.9	612.5	438.9	305.1
47.5°	3510.9	3191.7	2647.3	2201.4	1814.1	1483.2	1194.6	896.5	645.4	462.3	319.2
45°	3898.1	3433.5	2832.7	2337.5	1924.4	1577.1	1260.3	943.4	685.3	483.5	330.9
42.5°	4280.7	3616.5	2994.6	2473.6	2027.7	1661.6	1314.2	988.0	718.1	504.6	342.6
40°	4461.4	3755.0	3123.7	2567.5	2114.5	1736.7	1361.2	1027.9	746.3	518.7	354.4
37.5°	4536.5	3839.5	3208.2	2656.6	2182.6	1776.6	1401.1	1063.1	769.8	532.7	363.8
35°	4552.9	3870.0	3250.4	2717.7	2238.9	1814.1	1431.6	1088.9	788.5	546.8	373.2
32.5°	4522.4	3860.6	3262.1	2738.8	2274.1	1842.3	1452.7	1107.7	802.6	560.9	382.5
30°	4454.3	3811.3	3219.9	2736.4	2299.9	1858.7	1466.8	1121.8	816.7	570.3	387.2
27.5°	4344.0	3724.5	3165.9	2738.8	2314.0	1865.8	1473.8	1128.8	826.1	577.3	396.6
25°	4207.9	3607.1	3168.3	2734.1	2316.4	1868.1	1473.8	1128.8	828.4	579.7	403.7
22.5°	4050.7	3607.1	3168.3	2727.1	2302.3	1863.4	1466.8	1124.1	828.4	584.4	410.7
20°	4060.1	3609.5	3161.2	2713.0	2281.1	1849.3	1450.4	1112.4	821.4	591.4	415.4
17.5°	4067.1	3604.8	3147.1	2694.2	2253.0	1825.9	1429.2	1096.0	821.4	598.4	417.7
15°	4067.1	3590.7	3126.0	2666.0	2217.8	1793.0	1398.7	1081.9	823.7	600.8	422.4
12.5°	4060.1	3564.9	3093.2	2628.5	2175.5	1753.1	1380.0	1077.2	823.7	603.1	422.4
10°	4046.0	3529.7	3050.9	2581.5	2135.6	1739.0	1370.6	1067.8	819.1	603.1	422.4
7.5°	4020.2	3487.4	3015.7	2553.4	2112.2	1722.6	1356.5	1053.7	812.0	598.4	427.1
5°	3980.3	3464.0	2987.6	2520.5	2079.3	1710.9	1347.1	1042.0	807.3	598.4	422.4
2.5°	3928.6	3435.8	2954.7	2478.3	2041.8	1671.0	1316.6	1016.2	790.9	589.1	417.7
0°	3844.2	3379.5	2898.4	2419.6	1990.1	1631.1	1286.1	990.4	774.5	579.7	413.0
-2.5°	3766.7	3304.4	2825.6	2358.6	1940.9	1595.9	1262.6	976.3	767.4	577.3	410.7
-5°	3658.8	3201.1	2729.4	2278.8	1875.1	1560.7	1239.1	959.9	760.4	572.6	410.7
-7.5°	3539.1	3093.2	2628.5	2196.7	1809.4	1499.6	1194.6	934.1	744.0	563.2	408.4
-10°	3353.7	2931.2	2501.8	2102.8	1739.0	1445.7	1157.0	910.6	729.9	553.9	399.0
-12.5°	3156.5	2752.9	2356.2	1987.8	1659.2	1389.3	1114.8	884.8	713.4	544.5	394.3
-15°	2947.7	2569.8	2203.7	1868.1	1572.4	1321.3	1070.2	856.6	697.0	532.7	387.2
-17.5°	2729.4	2377.4	2046.5	1746.1	1485.6	1250.9	1023.2	830.8	678.2	521.0	380.2
-20°	2499.4	2180.2	1886.9	1621.7	1394.0	1180.5	973.9	800.3	657.1	506.9	370.8



REPORT NUMBER: P722111
 CATALOG NUMBER: IFLD-S-SA3C-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2271.8	1985.4	1722.6	1499.6	1300.2	1107.7	924.7	769.8	633.7	490.5	363.8
-25°	2069.9	1802.4	1577.1	1382.3	1208.6	1037.3	873.0	739.3	607.8	474.1	354.4
-27.5°	1872.8	1645.2	1433.9	1272.0	1119.5	969.3	823.7	706.4	582.0	455.3	345.0
-30°	1689.7	1495.0	1321.3	1164.0	1035.0	908.2	781.5	673.5	553.9	436.5	333.3
-32.5°	1523.1	1365.9	1220.4	1070.2	955.2	847.2	741.6	640.7	525.7	417.7	321.5
-35°	1368.2	1246.2	1119.5	992.7	875.4	790.9	699.4	605.5	499.9	396.6	309.8
-37.5°	1229.8	1131.2	1030.3	922.3	821.4	736.9	659.5	570.3	474.1	377.8	298.1
-40°	1110.1	1030.3	941.1	854.3	769.8	690.0	619.6	535.1	448.3	363.8	286.3
-42.5°	999.8	938.7	866.0	793.2	718.1	647.7	579.7	497.5	422.4	347.3	274.6
-45°	915.3	854.3	795.6	729.9	666.5	605.5	537.4	464.7	399.0	328.6	262.8
-47.5°	835.5	781.5	727.5	673.5	621.9	565.6	497.5	436.5	373.2	312.1	253.5
-50°	765.1	713.4	666.5	619.6	575.0	521.0	457.6	408.4	352.0	295.7	241.7
-52.5°	699.4	654.8	607.8	570.3	532.7	478.8	427.1	380.2	330.9	276.9	230.0
-55°	640.7	598.4	556.2	521.0	485.8	438.9	396.6	356.7	309.8	262.8	218.3
-57.5°	584.4	549.2	509.3	476.4	441.2	403.7	368.5	330.9	288.7	248.8	206.5
-60°	532.7	499.9	464.7	431.8	401.3	370.8	337.9	307.4	269.9	232.3	194.8
-62.5°	481.1	452.9	422.4	389.6	366.1	337.9	312.1	281.6	251.1	218.3	173.7
-65°	434.2	408.4	380.2	352.0	330.9	309.8	286.3	258.2	232.3	201.8	154.9
-67.5°	387.2	363.8	340.3	316.8	298.1	281.6	258.2	237.0	215.9	183.1	136.1
-70°	342.6	323.9	302.7	284.0	269.9	251.1	234.7	215.9	197.1	159.6	115.0
-72.5°	300.4	281.6	265.2	251.1	239.4	223.0	208.9	194.8	169.0	133.8	96.2
-75°	251.1	239.4	230.0	218.3	206.5	194.8	183.1	166.6	140.8	108.0	75.1
-77.5°	206.5	199.5	192.4	183.1	173.7	164.3	150.2	133.8	112.6	84.5	61.0
-80°	169.0	161.9	157.2	147.9	140.8	131.4	117.3	103.3	82.1	65.7	49.3
-82.5°	129.1	124.4	119.7	115.0	108.0	98.6	84.5	72.8	61.0	49.3	37.5
-85°	91.5	89.2	84.5	79.8	72.8	65.7	56.3	49.3	42.2	32.9	25.8
-87.5°	46.9	44.6	42.2	39.9	37.5	32.9	28.2	23.5	21.1	16.4	11.7
-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: P722111
 CATALOG NUMBER: IFLD-S-SA3C-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.4	7.0	2.3	0.0
85°	18.8	11.7	4.7	0.0
82.5°	28.2	18.8	7.0	0.0
80°	37.5	23.5	11.7	0.0
77.5°	46.9	28.2	14.1	0.0
75°	56.3	35.2	16.4	0.0
72.5°	63.4	39.9	18.8	0.0
70°	75.1	46.9	21.1	0.0
67.5°	93.9	51.6	23.5	0.0
65°	110.3	56.3	25.8	0.0
62.5°	129.1	61.0	28.2	0.0
60°	145.5	65.7	30.5	0.0
57.5°	161.9	77.4	32.9	0.0
55°	176.0	86.8	35.2	0.0
52.5°	192.4	96.2	37.5	0.0
50°	206.5	105.6	39.9	0.0
47.5°	218.3	115.0	39.9	0.0
45°	227.6	122.0	42.2	0.0
42.5°	234.7	129.1	44.6	0.0
40°	241.7	136.1	46.9	0.0
37.5°	248.8	143.2	46.9	0.0
35°	255.8	150.2	49.3	0.0
32.5°	262.8	157.2	49.3	0.0
30°	267.5	161.9	51.6	0.0
27.5°	274.6	166.6	51.6	0.0
25°	276.9	171.3	54.0	0.0
22.5°	281.6	173.7	54.0	0.0
20°	286.3	178.4	54.0	0.0
17.5°	288.7	180.7	56.3	0.0
15°	288.7	183.1	58.7	0.0
12.5°	291.0	185.4	58.7	0.0
10°	291.0	190.1	56.3	0.0
7.5°	295.7	187.7	56.3	0.0
5°	293.4	187.7	56.3	0.0
2.5°	291.0	185.4	56.3	0.0
0°	288.7	185.4	56.3	0.0
-2.5°	288.7	185.4	56.3	0.0
-5°	288.7	185.4	56.3	0.0
-7.5°	286.3	187.7	56.3	0.0
-10°	281.6	187.7	56.3	0.0
-12.5°	279.3	180.7	56.3	0.0
-15°	276.9	178.4	56.3	0.0
-17.5°	272.2	176.0	54.0	0.0
-20°	267.5	173.7	54.0	0.0



REPORT NUMBER: P722111
 CATALOG NUMBER: IFLD-S-SA3C-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	262.8	169.0	54.0	0.0
-25°	258.2	164.3	51.6	0.0
-27.5°	253.5	159.6	51.6	0.0
-30°	246.4	154.9	49.3	0.0
-32.5°	239.4	150.2	49.3	0.0
-35°	234.7	143.2	46.9	0.0
-37.5°	227.6	136.1	46.9	0.0
-40°	220.6	129.1	44.6	0.0
-42.5°	213.6	122.0	42.2	0.0
-45°	204.2	115.0	42.2	0.0
-47.5°	197.1	108.0	39.9	0.0
-50°	185.4	98.6	37.5	0.0
-52.5°	171.3	89.2	35.2	0.0
-55°	157.2	82.1	32.9	0.0
-57.5°	143.2	72.8	32.9	0.0
-60°	129.1	63.4	30.5	0.0
-62.5°	115.0	58.7	28.2	0.0
-65°	100.9	54.0	25.8	0.0
-67.5°	84.5	46.9	23.5	0.0
-70°	70.4	42.2	21.1	0.0
-72.5°	61.0	37.5	18.8	0.0
-75°	51.6	32.9	16.4	0.0
-77.5°	44.6	28.2	14.1	0.0
-80°	35.2	21.1	9.4	0.0
-82.5°	25.8	16.4	7.0	0.0
-85°	16.4	11.7	4.7	0.0
-87.5°	9.4	4.7	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)