

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: P721995

Luminaire Tested: **IFLD-S-SA3C-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721995
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

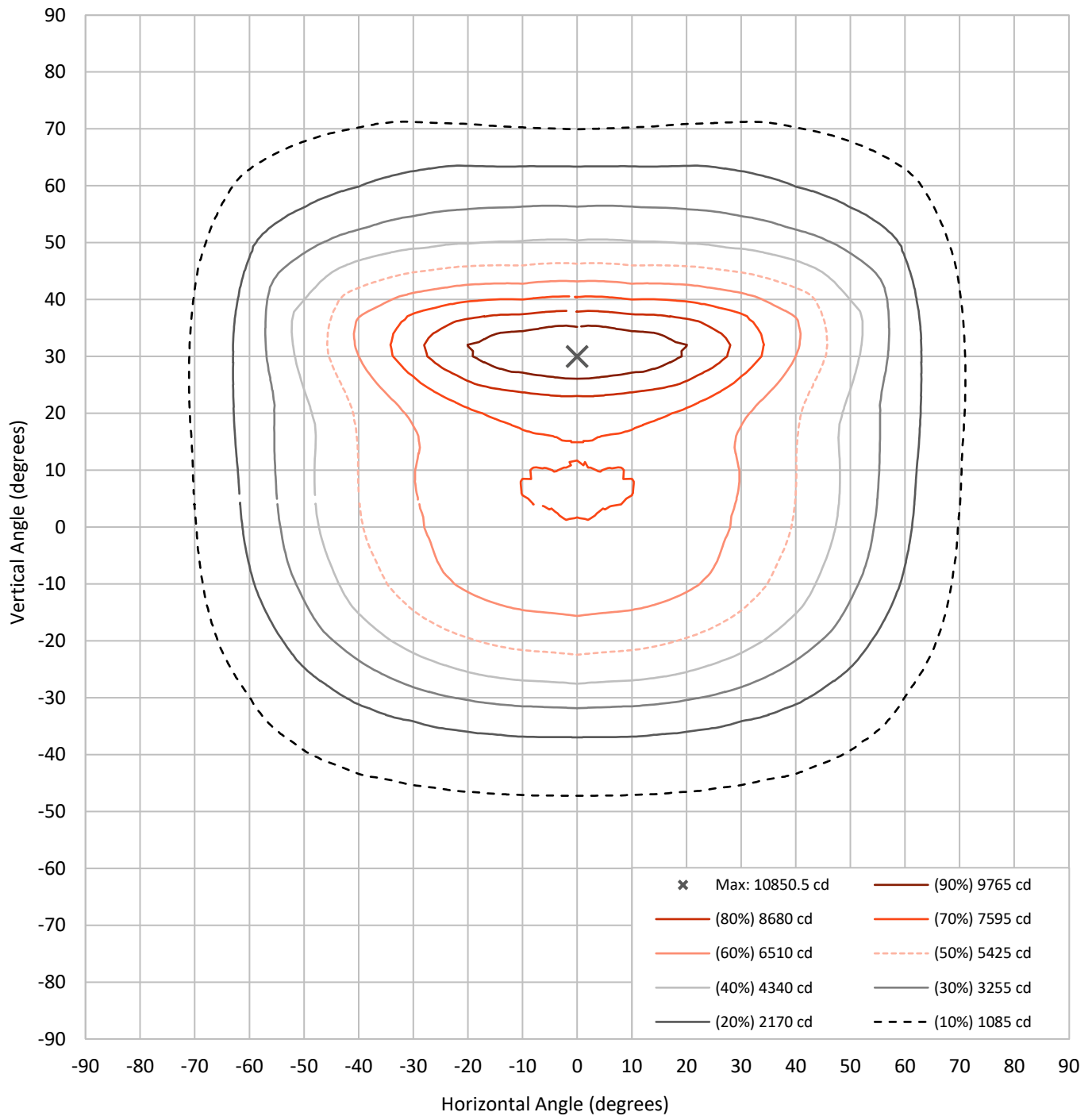
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18112.2 lumens	Max Intensity:	10850.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10532.4 lumens	Field Lumens:	16973.5 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: P721995
CATALOG NUMBER: IFLD-S-SA3C-727-U-76

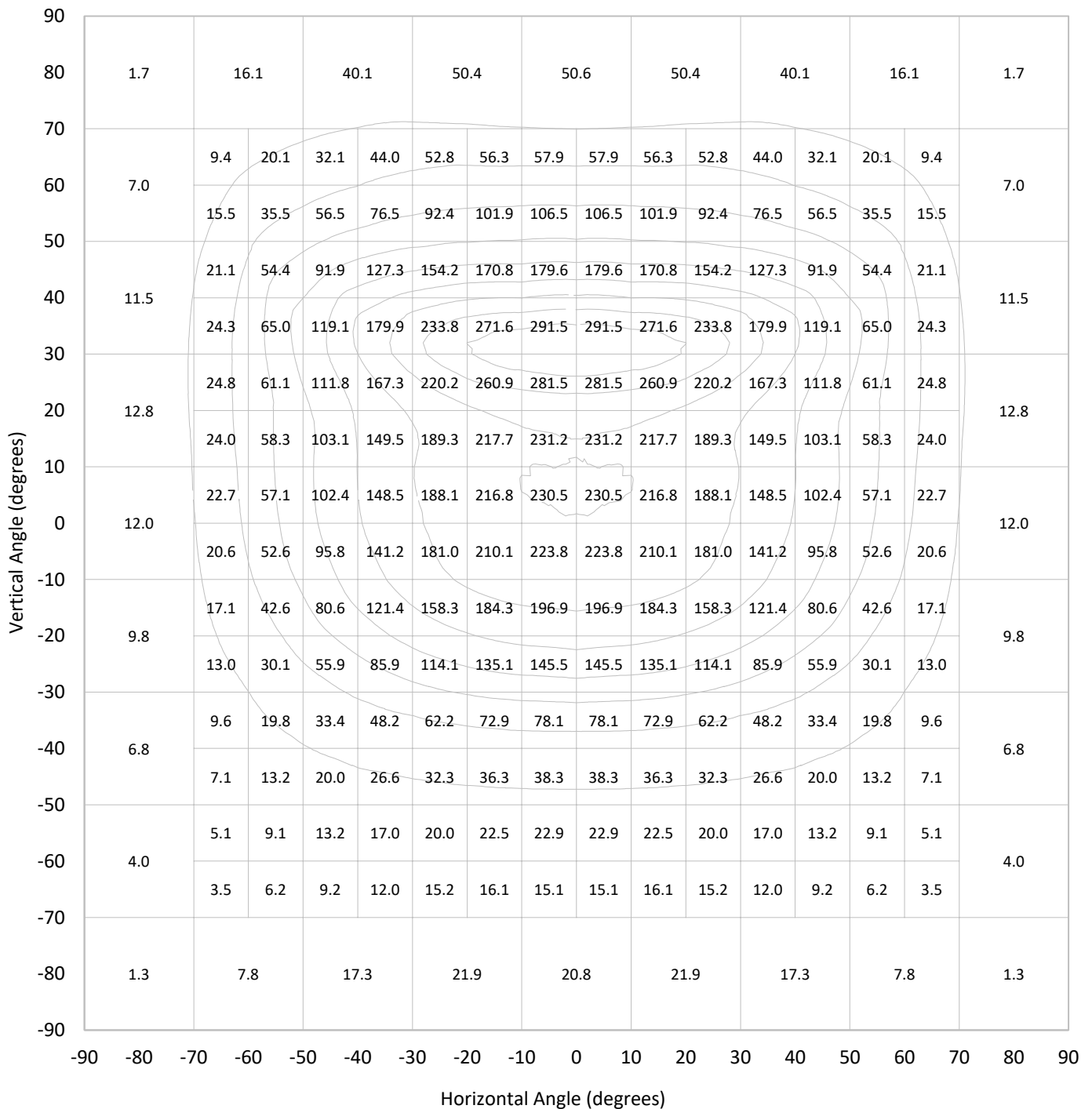
Iso-Candela Plot





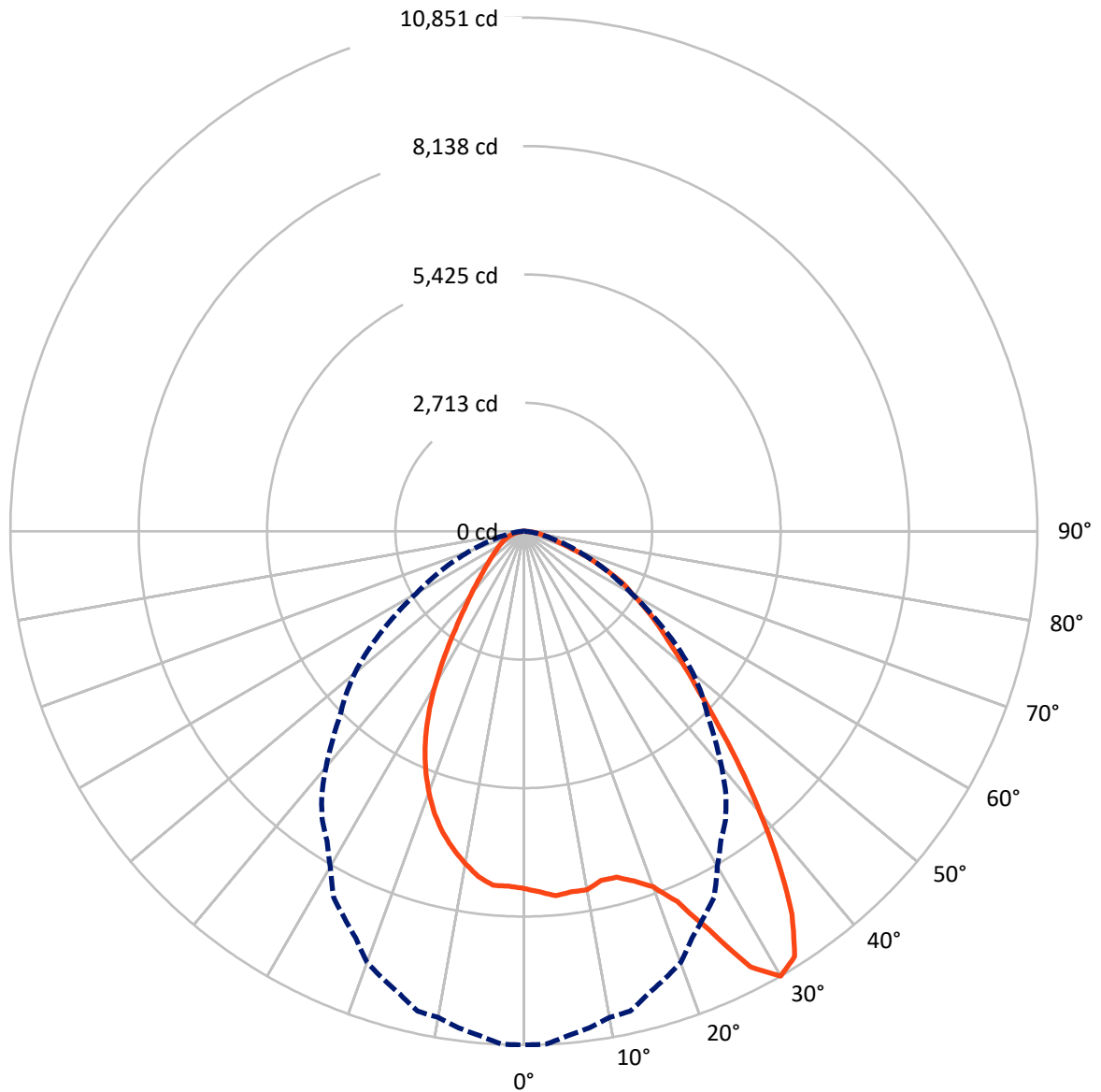
REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

Lumen Table



REPORT NUMBER: P721995
CATALOG NUMBER: IFLD-S-SA3C-727-U-76

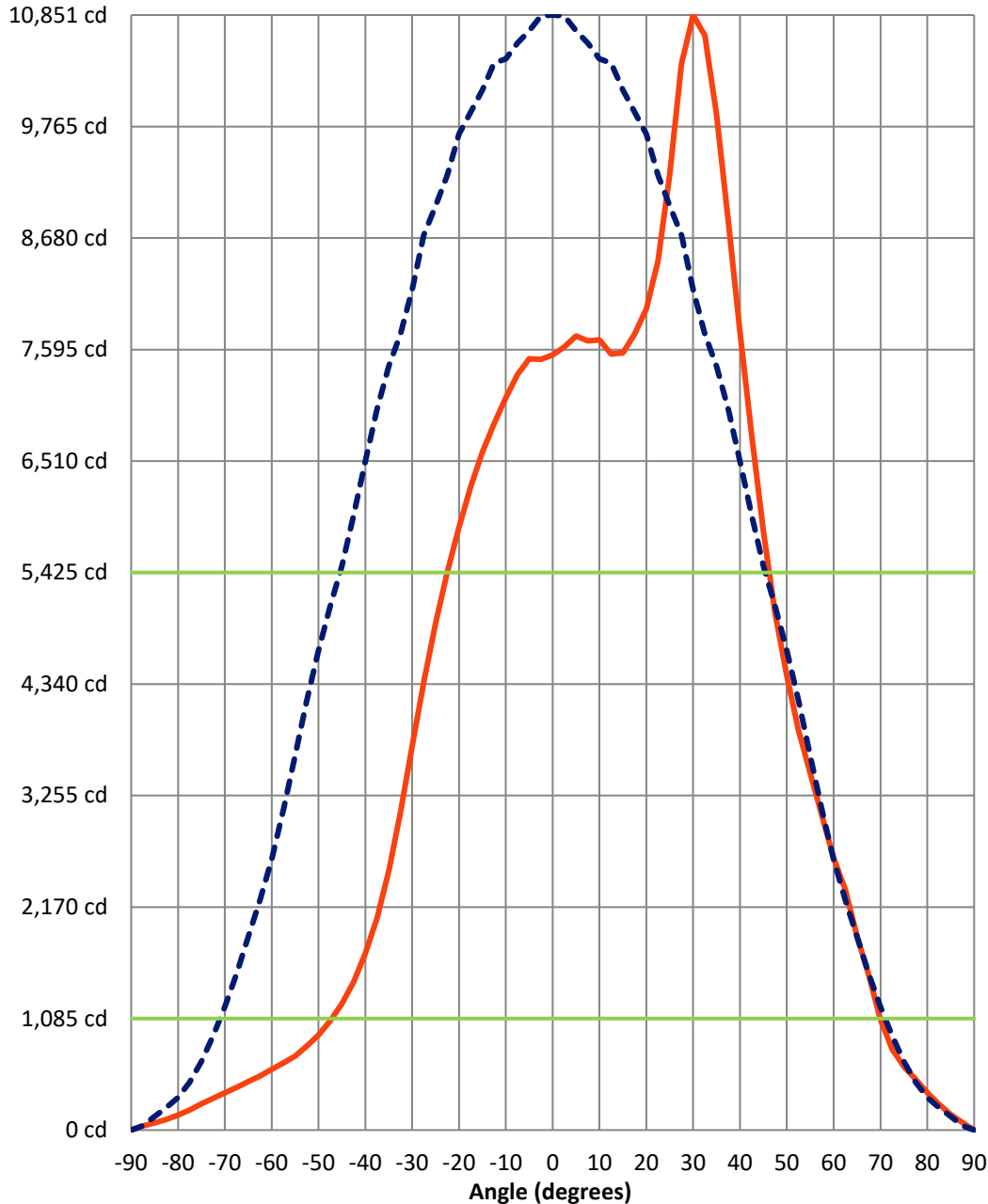
Luminous Intensity Polar Plot



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

REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 10532.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16973.5
 Efficiency: 93.7%

Spill:
 Lumens: 1138.7
 Efficiency: 6.3%

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



REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-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°	72.9	74.8	76.7	76.7	74.8	74.8	74.8	72.9	74.8	74.8	74.8
85°	151.6	155.4	159.3	157.3	155.4	151.6	147.7	149.7	151.6	153.5	153.5
82.5°	251.4	257.1	260.9	259.0	255.2	251.4	247.5	249.4	253.3	255.2	255.2
80°	364.6	366.5	368.4	372.2	366.5	366.5	364.6	372.2	376.1	379.9	383.7
77.5°	495.0	497.0	497.0	498.9	500.8	502.7	502.7	516.1	525.7	531.5	537.2
75°	617.8	623.6	629.3	635.1	642.8	646.6	652.4	671.6	686.9	698.4	709.9
72.5°	786.7	794.4	804.0	817.4	830.8	840.4	853.8	876.9	894.1	905.6	919.1
70°	1076.4	1084.1	1093.7	1103.3	1116.7	1126.3	1139.7	1168.5	1185.8	1193.5	1201.1
67.5°	1506.2	1525.4	1542.7	1523.5	1513.9	1500.5	1504.3	1531.2	1548.4	1559.9	1558.0
65°	1888.0	1901.5	1901.5	1899.6	1891.9	1874.6	1884.2	1916.8	1936.0	1945.6	1916.8
62.5°	2337.0	2337.0	2327.4	2342.8	2344.7	2333.2	2327.4	2329.4	2331.3	2337.0	2289.1
60°	2647.9	2667.1	2672.8	2686.2	2690.1	2690.1	2699.7	2707.3	2707.3	2695.8	2640.2
57.5°	3058.5	3094.9	3102.6	3093.0	3073.8	3048.9	3045.0	3033.5	3010.5	2987.5	2960.6
55°	3472.9	3492.1	3490.2	3484.4	3465.2	3436.5	3440.3	3425.0	3388.5	3359.7	3323.3
52.5°	3889.3	3935.3	3943.0	3931.5	3904.6	3873.9	3875.9	3858.6	3822.1	3791.4	3741.5
50°	4420.8	4459.2	4455.3	4436.1	4397.8	4374.7	4376.6	4344.0	4301.8	4292.2	4227.0
47.5°	5029.0	5073.2	5065.5	5038.6	4986.8	4977.2	4986.8	4944.6	4919.7	4898.5	4821.8
45°	5827.2	5879.0	5850.2	5798.4	5715.9	5725.5	5739.0	5731.3	5677.6	5621.9	5524.1
42.5°	6763.6	6796.2	6761.6	6709.8	6606.2	6625.4	6617.7	6571.7	6539.1	6447.0	6322.3
40°	7765.1	7836.1	7782.4	7701.8	7594.4	7623.2	7602.1	7542.6	7465.8	7350.7	7193.4
37.5°	8845.4	8901.0	8839.6	8745.6	8649.7	8640.1	8597.9	8505.8	8396.4	8269.8	8018.4
35°	9879.6	10023.5	9910.3	9760.6	9643.6	9599.5	9559.2	9346.2	9221.5	9016.2	8672.7
32.5°	10649.0	10754.5	10614.5	10459.1	10317.1	10255.7	10113.7	9860.4	9793.3	9361.5	9046.9
30°	10850.5	10842.8	10697.0	10578.0	10424.5	10382.3	10121.4	9906.5	9691.6	9292.5	8993.1
27.5°	10370.8	10322.8	10182.8	10079.1	9927.6	9877.7	9620.6	9505.4	9173.5	8835.8	8582.5
25°	9302.1	9327.0	9221.5	9169.7	9069.9	8962.4	8860.7	8705.3	8498.1	8202.6	7970.5
22.5°	8459.7	8492.3	8448.2	8386.8	8310.1	8250.6	8173.8	8053.0	7853.4	7671.1	7452.4
20°	7991.6	7982.0	7943.6	7897.5	7824.6	7782.4	7698.0	7596.3	7442.8	7285.5	7049.5
17.5°	7746.0	7686.5	7650.0	7632.8	7594.4	7540.7	7440.9	7337.3	7218.3	7039.9	6867.2
15°	7563.7	7573.3	7544.5	7531.1	7500.4	7425.5	7323.8	7239.4	7078.2	6988.1	6830.7
12.5°	7552.2	7542.6	7544.5	7538.7	7500.4	7404.4	7352.6	7245.2	7141.6	7022.6	6842.2
10°	7688.4	7586.7	7594.4	7621.2	7559.8	7483.1	7427.4	7310.4	7212.5	7061.0	6882.5
7.5°	7680.7	7628.9	7644.3	7600.1	7619.3	7525.3	7448.6	7331.5	7208.7	7047.5	6886.4
5°	7726.8	7648.1	7634.7	7638.5	7590.5	7519.5	7415.9	7304.6	7189.5	7009.2	6844.2
2.5°	7621.2	7632.8	7571.4	7548.3	7542.6	7423.6	7327.7	7220.2	7101.3	6942.0	6794.3
0°	7542.6	7563.7	7500.4	7467.7	7465.8	7364.1	7302.7	7179.9	7095.5	6963.1	6784.7
-2.5°	7500.4	7525.3	7533.0	7473.5	7415.9	7337.3	7233.7	7101.3	6963.1	6809.6	6656.1
-5°	7504.2	7454.3	7433.2	7452.4	7402.5	7323.8	7208.7	7091.7	6955.4	6790.4	6598.6
-7.5°	7352.6	7302.7	7298.9	7289.3	7277.8	7203.0	7107.0	6980.4	6842.2	6688.7	6510.3
-10°	7126.2	7089.7	7080.2	7070.6	7039.9	6995.7	6905.5	6790.4	6665.7	6512.2	6322.3
-12.5°	6874.8	6857.6	6821.1	6796.2	6765.5	6713.7	6627.3	6521.8	6397.1	6260.9	6097.8
-15°	6596.6	6564.0	6527.6	6506.5	6462.3	6400.9	6314.6	6216.7	6080.5	5946.2	5792.7
-17.5°	6260.9	6220.6	6180.3	6174.5	6143.8	6049.8	5969.2	5850.2	5731.3	5602.7	5453.1
-20°	5865.6	5809.9	5783.1	5767.7	5725.5	5656.4	5570.1	5460.7	5345.6	5222.8	5050.1



REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5428.1	5380.2	5334.1	5305.3	5268.9	5215.1	5132.6	5036.7	4923.5	4785.3	4626.1
-25°	4931.2	4864.0	4835.2	4802.6	4783.4	4733.5	4652.9	4564.7	4447.6	4313.3	4161.7
-27.5°	4363.2	4309.5	4294.1	4248.1	4225.1	4173.3	4106.1	4023.6	3916.2	3789.5	3664.8
-30°	3735.8	3703.2	3678.2	3632.2	3614.9	3559.3	3515.1	3446.1	3348.2	3258.0	3158.2
-32.5°	3091.1	3058.5	3050.8	3029.7	3018.2	2981.7	2931.8	2881.9	2803.3	2736.1	2655.5
-35°	2519.3	2496.3	2498.2	2496.3	2484.8	2457.9	2396.5	2383.1	2325.5	2264.1	2212.3
-37.5°	2062.6	2064.6	2062.6	2060.7	2045.4	2033.9	1989.7	1972.5	1937.9	1878.4	1847.7
-40°	1719.2	1723.0	1721.1	1717.3	1700.0	1694.2	1665.5	1642.4	1629.0	1586.8	1554.2
-42.5°	1441.0	1446.7	1444.8	1442.9	1431.4	1429.5	1414.1	1387.2	1379.6	1354.6	1320.1
-45°	1229.9	1228.0	1224.2	1228.0	1222.2	1216.5	1206.9	1189.6	1180.0	1168.5	1139.7
-47.5°	1063.0	1064.9	1061.1	1061.1	1053.4	1047.6	1043.8	1032.3	1024.6	1015.0	997.7
-50°	924.8	932.5	930.6	928.7	922.9	919.1	919.1	907.6	896.1	892.2	880.7
-52.5°	817.4	823.1	825.1	828.9	830.8	832.7	827.0	815.5	796.3	794.4	788.6
-55°	719.5	736.8	748.3	756.0	763.7	769.4	757.9	742.6	723.4	715.7	713.8
-57.5°	652.4	669.6	683.1	694.6	704.2	713.8	702.3	686.9	669.6	660.0	658.1
-60°	591.0	606.3	619.8	635.1	648.5	663.9	658.1	646.6	637.0	629.3	621.7
-62.5°	525.7	541.1	556.4	575.6	592.9	608.2	610.2	608.2	606.3	608.2	594.8
-65°	472.0	479.7	489.3	510.4	529.6	546.8	556.4	562.2	571.8	581.4	567.9
-67.5°	414.4	424.0	435.6	450.9	466.3	477.8	491.2	506.5	521.9	537.2	527.7
-70°	362.6	370.3	379.9	387.6	397.2	404.9	416.4	433.6	450.9	466.3	462.4
-72.5°	308.9	316.6	322.3	326.2	331.9	335.8	341.5	356.9	368.4	376.1	376.1
-75°	255.2	262.9	268.6	270.5	274.4	276.3	280.1	285.9	291.6	293.6	295.5
-77.5°	195.7	203.4	209.1	213.0	216.8	220.7	222.6	226.4	228.3	228.3	230.2
-80°	145.8	151.6	155.4	161.2	163.1	166.9	170.8	172.7	174.6	174.6	176.5
-82.5°	103.6	107.4	111.3	115.1	119.0	120.9	124.7	126.6	128.6	130.5	132.4
-85°	69.1	72.9	76.7	80.6	82.5	84.4	86.3	88.3	90.2	92.1	94.0
-87.5°	40.3	42.2	44.1	48.0	49.9	53.7	55.6	53.7	55.6	55.6	55.6
-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: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-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°	74.8	74.8	74.8	74.8	72.9	69.1	67.2	63.3	59.5	55.6	51.8
85°	155.4	157.3	157.3	157.3	153.5	151.6	145.8	140.1	132.4	120.9	111.3
82.5°	259.0	260.9	260.9	259.0	255.2	249.4	241.8	232.2	216.8	201.5	188.0
80°	389.5	391.4	391.4	389.5	379.9	370.3	360.7	349.2	330.0	308.9	285.9
77.5°	544.9	548.8	548.8	543.0	529.6	518.1	502.7	483.5	454.7	424.0	393.3
75°	725.3	734.9	736.8	731.0	713.8	692.7	667.7	635.1	591.0	552.6	516.1
72.5°	934.4	944.0	951.7	944.0	919.1	890.3	853.8	815.5	771.3	719.5	658.1
70°	1208.8	1218.4	1224.2	1199.2	1155.1	1107.1	1063.0	1018.9	967.0	903.7	836.6
67.5°	1554.2	1544.6	1533.1	1483.2	1427.5	1370.0	1308.6	1243.3	1176.2	1109.0	1030.4
65°	1886.1	1859.3	1834.3	1774.8	1703.8	1629.0	1558.0	1485.1	1404.5	1320.1	1245.3
62.5°	2235.3	2177.8	2116.4	2043.5	1970.5	1888.0	1817.0	1730.7	1640.5	1536.9	1441.0
60°	2578.8	2509.7	2448.3	2358.1	2262.2	2150.9	2074.2	1989.7	1884.2	1772.9	1659.7
57.5°	2910.7	2835.9	2768.7	2690.1	2586.5	2465.6	2381.2	2271.8	2160.5	2020.4	1905.3
55°	3263.8	3188.9	3135.2	3047.0	2933.8	2822.5	2730.4	2615.2	2459.8	2310.2	2168.2
52.5°	3668.6	3609.2	3551.6	3461.4	3325.2	3212.0	3110.3	2981.7	2818.6	2634.4	2463.7
50°	4121.5	4090.8	4029.4	3923.8	3768.4	3668.6	3534.3	3363.6	3188.9	2995.2	2782.2
47.5°	4722.0	4672.1	4585.8	4470.7	4340.2	4190.5	4010.2	3810.6	3563.1	3348.2	3121.8
45°	5439.6	5347.5	5236.2	5080.8	4919.7	4750.8	4553.2	4299.9	3968.0	3687.8	3449.9
42.5°	6216.7	6092.0	5940.4	5737.0	5527.9	5320.7	5107.7	4762.3	4347.9	4025.5	3756.9
40°	7028.3	6869.1	6679.1	6383.7	6151.5	5884.8	5641.1	5125.0	4683.6	4334.4	4048.5
37.5°	7822.7	7621.2	7302.7	6943.9	6673.4	6454.6	5919.3	5366.7	4971.5	4587.7	4298.0
35°	8430.9	8260.2	7698.0	7325.8	7093.6	6748.2	6078.6	5512.5	5094.3	4775.7	4324.8
32.5°	8791.7	8350.4	7857.2	7481.2	7289.3	6723.3	6090.1	5554.8	5151.8	4794.9	4255.8
30°	8711.1	8177.7	7746.0	7431.3	7014.9	6506.5	5982.6	5489.5	5098.1	4666.4	4179.0
27.5°	8225.6	7813.1	7427.4	7099.3	6690.7	6234.0	5750.5	5316.8	4952.3	4534.0	4073.5
25°	7676.9	7302.7	7016.8	6730.9	6343.4	5907.8	5481.8	5169.1	4802.6	4390.1	3935.3
22.5°	7172.3	6903.6	6679.1	6379.8	6001.8	5621.9	5357.1	5032.9	4656.8	4238.5	3793.4
20°	6849.9	6667.6	6410.5	6080.5	5783.1	5545.2	5251.6	4908.1	4520.6	4083.1	3672.5
17.5°	6694.5	6483.4	6197.5	5982.6	5754.3	5493.4	5165.3	4800.7	4388.2	4012.1	3685.9
15°	6613.9	6391.3	6203.3	5992.2	5735.1	5460.7	5096.2	4718.2	4388.2	4040.9	3695.5
12.5°	6631.2	6439.3	6234.0	6003.7	5727.4	5433.9	5103.9	4752.7	4411.2	4062.0	3697.4
10°	6684.9	6483.4	6264.7	6009.5	5731.3	5441.6	5125.0	4773.8	4422.7	4071.6	3693.6
7.5°	6704.1	6485.3	6251.3	5994.1	5721.7	5437.7	5128.8	4779.6	4424.6	4069.7	3682.1
5°	6644.6	6447.0	6220.6	5961.5	5694.8	5418.5	5113.4	4771.9	4409.3	4050.5	3653.3
2.5°	6564.0	6404.8	6187.9	5938.5	5668.0	5391.7	5088.5	4737.4	4374.7	4015.9	3616.8
0°	6550.6	6353.0	6134.2	5911.6	5623.8	5332.2	5030.9	4672.1	4311.4	3950.7	3553.5
-2.5°	6462.3	6253.2	6034.4	5792.7	5539.4	5245.8	4929.2	4578.1	4221.2	3866.3	3484.4
-5°	6395.2	6163.0	5930.8	5669.9	5414.7	5121.1	4793.0	4451.5	4102.3	3756.9	3388.5
-7.5°	6305.0	6067.1	5823.4	5550.9	5274.6	4975.3	4651.0	4309.5	3966.0	3622.6	3269.5
-10°	6122.7	5913.6	5685.2	5403.2	5111.5	4812.2	4489.9	4154.1	3810.6	3463.3	3108.4
-12.5°	5902.0	5681.4	5432.0	5172.9	4912.0	4633.8	4311.4	3981.4	3636.0	3286.8	2933.8
-15°	5616.2	5399.3	5144.1	4890.9	4639.5	4372.8	4088.8	3791.4	3440.3	3096.8	2743.8
-17.5°	5259.3	5055.9	4827.6	4585.8	4336.4	4067.7	3791.4	3540.1	3212.0	2889.6	2540.4
-20°	4875.5	4685.6	4480.3	4251.9	4002.5	3739.6	3478.7	3215.8	2931.8	2647.9	2323.6



REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4476.4	4284.5	4077.3	3864.3	3634.1	3390.4	3148.7	2897.3	2647.9	2390.8	2116.4
-25°	4015.9	3847.1	3657.1	3449.9	3244.6	3031.6	2801.4	2573.0	2360.1	2137.5	1913.0
-27.5°	3534.3	3378.9	3206.2	3025.9	2849.3	2670.9	2471.3	2260.3	2083.8	1899.6	1713.4
-30°	3027.8	2903.1	2763.0	2605.7	2469.4	2325.5	2158.6	1984.0	1822.8	1682.7	1533.1
-32.5°	2548.1	2442.6	2342.8	2239.2	2104.9	1993.6	1878.4	1749.9	1607.9	1475.5	1368.1
-35°	2135.6	2022.4	1980.1	1903.4	1807.5	1709.6	1625.2	1533.1	1425.6	1308.6	1220.3
-37.5°	1788.3	1721.1	1661.6	1619.4	1556.1	1477.4	1410.3	1343.1	1260.6	1172.4	1084.1
-40°	1517.7	1471.7	1406.4	1385.3	1345.0	1291.3	1222.2	1170.4	1114.8	1047.6	972.8
-42.5°	1300.9	1266.4	1224.2	1187.7	1170.4	1132.1	1078.3	1028.4	984.3	938.3	880.7
-45°	1122.5	1099.4	1072.6	1040.0	1026.5	995.8	957.5	901.8	876.9	838.5	796.3
-47.5°	978.6	967.0	947.9	926.8	907.6	884.5	850.0	815.5	780.9	756.0	723.4
-50°	865.4	857.7	846.2	828.9	804.0	788.6	765.6	734.9	702.3	681.2	658.1
-52.5°	775.2	767.5	759.8	746.4	727.2	711.9	692.7	667.7	640.9	619.8	600.6
-55°	706.1	694.6	688.8	677.3	662.0	644.7	627.4	610.2	587.1	567.9	548.8
-57.5°	652.4	637.0	629.3	619.8	604.4	587.1	573.7	556.4	541.1	520.0	502.7
-60°	610.2	592.9	577.5	567.9	554.5	537.2	523.8	510.4	495.0	477.8	456.7
-62.5°	575.6	554.5	533.4	521.9	508.5	493.1	479.7	466.3	450.9	433.6	414.4
-65°	543.0	518.1	491.2	479.7	466.3	450.9	433.6	424.0	410.6	395.3	376.1
-67.5°	502.7	475.8	452.8	439.4	426.0	412.5	397.2	387.6	374.2	355.0	335.8
-70°	443.2	426.0	410.6	399.1	387.6	376.1	360.7	345.4	330.0	312.8	295.5
-72.5°	368.4	362.6	360.7	355.0	341.5	328.1	312.8	297.4	284.0	270.5	257.1
-75°	297.4	301.2	305.1	303.2	289.7	276.3	262.9	249.4	239.8	228.3	216.8
-77.5°	236.0	239.8	243.7	243.7	234.1	226.4	216.8	207.2	199.5	190.0	178.4
-80°	182.3	188.0	193.8	197.6	190.0	184.2	176.5	168.8	161.2	153.5	145.8
-82.5°	138.1	143.9	149.7	153.5	147.7	143.9	138.1	132.4	126.6	119.0	113.2
-85°	99.8	103.6	107.4	109.4	105.5	101.7	97.9	94.0	90.2	84.4	80.6
-87.5°	57.6	59.5	61.4	63.3	59.5	55.6	53.7	49.9	48.0	44.1	42.2
-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: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-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°	48.0	44.1	40.3	38.4	34.5	28.8	24.9	21.1	17.3	13.4	11.5
85°	101.7	92.1	80.6	74.8	67.2	59.5	51.8	44.1	36.5	28.8	21.1
82.5°	174.6	163.1	151.6	138.1	120.9	99.8	78.7	65.2	53.7	42.2	32.6
80°	262.9	241.8	222.6	205.3	186.1	159.3	130.5	103.6	72.9	55.6	42.2
77.5°	364.6	339.6	312.8	284.0	253.3	216.8	184.2	149.7	113.2	76.7	53.7
75°	479.7	447.1	410.6	370.3	330.0	282.1	236.0	195.7	153.5	107.4	65.2
72.5°	608.2	567.9	523.8	470.1	406.8	351.1	295.5	241.8	191.9	136.2	88.3
70°	773.3	709.9	644.7	587.1	506.5	418.3	353.0	291.6	228.3	166.9	111.3
67.5°	949.8	873.0	794.4	709.9	608.2	504.6	410.6	341.5	266.7	195.7	132.4
65°	1141.7	1045.7	945.9	851.9	711.9	589.1	483.5	389.5	303.2	222.6	153.5
62.5°	1339.3	1226.1	1111.0	988.2	827.0	675.4	552.6	443.2	337.7	247.5	172.7
60°	1550.3	1417.9	1277.9	1124.4	936.3	769.4	617.8	498.9	374.2	272.5	193.8
57.5°	1772.9	1629.0	1464.0	1256.8	1049.6	859.6	692.7	548.8	406.8	295.5	209.1
55°	2014.7	1849.7	1669.3	1394.9	1160.8	949.8	767.5	598.6	441.3	314.7	224.5
52.5°	2275.6	2083.8	1855.4	1540.7	1277.9	1041.9	836.6	642.8	473.9	335.8	237.9
50°	2567.3	2325.5	2018.5	1675.1	1379.6	1128.2	905.6	690.7	500.8	358.8	249.4
47.5°	2870.4	2609.5	2164.3	1799.8	1483.2	1212.6	976.6	733.0	527.7	378.0	260.9
45°	3187.0	2807.1	2315.9	1911.1	1573.4	1289.4	1030.4	771.3	560.3	395.3	270.5
42.5°	3499.8	2956.8	2448.3	2022.4	1657.8	1358.5	1074.5	807.8	587.1	412.5	280.1
40°	3647.5	3070.0	2553.8	2099.1	1728.8	1419.9	1112.9	840.4	610.2	424.0	289.7
37.5°	3708.9	3139.1	2622.9	2172.0	1784.4	1452.5	1145.5	869.2	629.3	435.6	297.4
35°	3722.4	3164.0	2657.5	2221.9	1830.5	1483.2	1170.4	890.3	644.7	447.1	305.1
32.5°	3697.4	3156.3	2667.1	2239.2	1859.3	1506.2	1187.7	905.6	656.2	458.6	312.8
30°	3641.8	3116.0	2632.5	2237.3	1880.4	1519.6	1199.2	917.2	667.7	466.3	316.6
27.5°	3551.6	3045.0	2588.4	2239.2	1891.9	1525.4	1205.0	922.9	675.4	472.0	324.3
25°	3440.3	2949.1	2590.3	2235.3	1893.8	1527.3	1205.0	922.9	677.3	473.9	330.0
22.5°	3311.7	2949.1	2590.3	2229.6	1882.3	1523.5	1199.2	919.1	677.3	477.8	335.8
20°	3319.4	2951.0	2584.5	2218.1	1865.0	1512.0	1185.8	909.5	671.6	483.5	339.6
17.5°	3325.2	2947.2	2573.0	2202.7	1842.0	1492.8	1168.5	896.1	671.6	489.3	341.5
15°	3325.2	2935.7	2555.8	2179.7	1813.2	1465.9	1143.6	884.5	673.5	491.2	345.4
12.5°	3319.4	2914.6	2528.9	2149.0	1778.7	1433.3	1128.2	880.7	673.5	493.1	345.4
10°	3307.9	2885.8	2494.4	2110.6	1746.1	1421.8	1120.5	873.0	669.6	493.1	345.4
7.5°	3286.8	2851.2	2465.6	2087.6	1726.9	1408.4	1109.0	861.5	663.9	489.3	349.2
5°	3254.2	2832.1	2442.6	2060.7	1700.0	1398.8	1101.4	851.9	660.0	489.3	345.4
2.5°	3212.0	2809.0	2415.7	2026.2	1669.3	1366.1	1076.4	830.8	646.6	481.6	341.5
0°	3142.9	2763.0	2369.6	1978.2	1627.1	1333.5	1051.5	809.7	633.2	473.9	337.7
-2.5°	3079.6	2701.6	2310.2	1928.3	1586.8	1304.7	1032.3	798.2	627.4	472.0	335.8
-5°	2991.3	2617.2	2231.5	1863.1	1533.1	1276.0	1013.1	784.8	621.7	468.2	335.8
-7.5°	2893.5	2528.9	2149.0	1795.9	1479.3	1226.1	976.6	763.7	608.2	460.5	333.9
-10°	2741.9	2396.5	2045.4	1719.2	1421.8	1181.9	945.9	744.5	596.7	452.8	326.2
-12.5°	2580.7	2250.7	1926.4	1625.2	1356.6	1135.9	911.4	723.4	583.3	445.1	322.3
-15°	2409.9	2101.0	1801.7	1527.3	1285.6	1080.3	874.9	700.3	569.9	435.6	316.6
-17.5°	2231.5	1943.7	1673.1	1427.5	1214.6	1022.7	836.6	679.2	554.5	426.0	310.8
-20°	2043.5	1782.5	1542.7	1325.9	1139.7	965.1	796.3	654.3	537.2	414.4	303.2



REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1857.3	1623.3	1408.4	1226.1	1063.0	905.6	756.0	629.3	518.1	401.0	297.4
-25°	1692.3	1473.6	1289.4	1130.1	988.2	848.1	713.8	604.4	497.0	387.6	289.7
-27.5°	1531.2	1345.0	1172.4	1040.0	915.2	792.4	673.5	577.5	475.8	372.2	282.1
-30°	1381.5	1222.2	1080.3	951.7	846.2	742.6	638.9	550.7	452.8	356.9	272.5
-32.5°	1245.3	1116.7	997.7	874.9	780.9	692.7	606.3	523.8	429.8	341.5	262.9
-35°	1118.6	1018.9	915.2	811.6	715.7	646.6	571.8	495.0	408.7	324.3	253.3
-37.5°	1005.4	924.8	842.3	754.1	671.6	602.5	539.2	466.3	387.6	308.9	243.7
-40°	907.6	842.3	769.4	698.4	629.3	564.1	506.5	437.5	366.5	297.4	234.1
-42.5°	817.4	767.5	708.0	648.5	587.1	529.6	473.9	406.8	345.4	284.0	224.5
-45°	748.3	698.4	650.5	596.7	544.9	495.0	439.4	379.9	326.2	268.6	214.9
-47.5°	683.1	638.9	594.8	550.7	508.5	462.4	406.8	356.9	305.1	255.2	207.2
-50°	625.5	583.3	544.9	506.5	470.1	426.0	374.2	333.9	287.8	241.8	197.6
-52.5°	571.8	535.3	497.0	466.3	435.6	391.4	349.2	310.8	270.5	226.4	188.0
-55°	523.8	489.3	454.7	426.0	397.2	358.8	324.3	291.6	253.3	214.9	178.4
-57.5°	477.8	449.0	416.4	389.5	360.7	330.0	301.2	270.5	236.0	203.4	168.8
-60°	435.6	408.7	379.9	353.0	328.1	303.2	276.3	251.4	220.7	190.0	159.3
-62.5°	393.3	370.3	345.4	318.5	299.3	276.3	255.2	230.2	205.3	178.4	142.0
-65°	355.0	333.9	310.8	287.8	270.5	253.3	234.1	211.1	190.0	165.0	126.6
-67.5°	316.6	297.4	278.2	259.0	243.7	230.2	211.1	193.8	176.5	149.7	111.3
-70°	280.1	264.8	247.5	232.2	220.7	205.3	191.9	176.5	161.2	130.5	94.0
-72.5°	245.6	230.2	216.8	205.3	195.7	182.3	170.8	159.3	138.1	109.4	78.7
-75°	205.3	195.7	188.0	178.4	168.8	159.3	149.7	136.2	115.1	88.3	61.4
-77.5°	168.8	163.1	157.3	149.7	142.0	134.3	122.8	109.4	92.1	69.1	49.9
-80°	138.1	132.4	128.6	120.9	115.1	107.4	95.9	84.4	67.2	53.7	40.3
-82.5°	105.5	101.7	97.9	94.0	88.3	80.6	69.1	59.5	49.9	40.3	30.7
-85°	74.8	72.9	69.1	65.2	59.5	53.7	46.0	40.3	34.5	26.9	21.1
-87.5°	38.4	36.5	34.5	32.6	30.7	26.9	23.0	19.2	17.3	13.4	9.6
-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: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.7	5.8	1.9	0.0
85°	15.3	9.6	3.8	0.0
82.5°	23.0	15.3	5.8	0.0
80°	30.7	19.2	9.6	0.0
77.5°	38.4	23.0	11.5	0.0
75°	46.0	28.8	13.4	0.0
72.5°	51.8	32.6	15.3	0.0
70°	61.4	38.4	17.3	0.0
67.5°	76.7	42.2	19.2	0.0
65°	90.2	46.0	21.1	0.0
62.5°	105.5	49.9	23.0	0.0
60°	119.0	53.7	24.9	0.0
57.5°	132.4	63.3	26.9	0.0
55°	143.9	71.0	28.8	0.0
52.5°	157.3	78.7	30.7	0.0
50°	168.8	86.3	32.6	0.0
47.5°	178.4	94.0	32.6	0.0
45°	186.1	99.8	34.5	0.0
42.5°	191.9	105.5	36.5	0.0
40°	197.6	111.3	38.4	0.0
37.5°	203.4	117.0	38.4	0.0
35°	209.1	122.8	40.3	0.0
32.5°	214.9	128.6	40.3	0.0
30°	218.7	132.4	42.2	0.0
27.5°	224.5	136.2	42.2	0.0
25°	226.4	140.1	44.1	0.0
22.5°	230.2	142.0	44.1	0.0
20°	234.1	145.8	44.1	0.0
17.5°	236.0	147.7	46.0	0.0
15°	236.0	149.7	48.0	0.0
12.5°	237.9	151.6	48.0	0.0
10°	237.9	155.4	46.0	0.0
7.5°	241.8	153.5	46.0	0.0
5°	239.8	153.5	46.0	0.0
2.5°	237.9	151.6	46.0	0.0
0°	236.0	151.6	46.0	0.0
-2.5°	236.0	151.6	46.0	0.0
-5°	236.0	151.6	46.0	0.0
-7.5°	234.1	153.5	46.0	0.0
-10°	230.2	153.5	46.0	0.0
-12.5°	228.3	147.7	46.0	0.0
-15°	226.4	145.8	46.0	0.0
-17.5°	222.6	143.9	44.1	0.0
-20°	218.7	142.0	44.1	0.0



REPORT NUMBER: P721995
 CATALOG NUMBER: IFLD-S-SA3C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	214.9	138.1	44.1	0.0
-25°	211.1	134.3	42.2	0.0
-27.5°	207.2	130.5	42.2	0.0
-30°	201.5	126.6	40.3	0.0
-32.5°	195.7	122.8	40.3	0.0
-35°	191.9	117.0	38.4	0.0
-37.5°	186.1	111.3	38.4	0.0
-40°	180.4	105.5	36.5	0.0
-42.5°	174.6	99.8	34.5	0.0
-45°	166.9	94.0	34.5	0.0
-47.5°	161.2	88.3	32.6	0.0
-50°	151.6	80.6	30.7	0.0
-52.5°	140.1	72.9	28.8	0.0
-55°	128.6	67.2	26.9	0.0
-57.5°	117.0	59.5	26.9	0.0
-60°	105.5	51.8	24.9	0.0
-62.5°	94.0	48.0	23.0	0.0
-65°	82.5	44.1	21.1	0.0
-67.5°	69.1	38.4	19.2	0.0
-70°	57.6	34.5	17.3	0.0
-72.5°	49.9	30.7	15.3	0.0
-75°	42.2	26.9	13.4	0.0
-77.5°	36.5	23.0	11.5	0.0
-80°	28.8	17.3	7.7	0.0
-82.5°	21.1	13.4	5.8	0.0
-85°	13.4	9.6	3.8	0.0
-87.5°	7.7	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)