

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: P722238

Luminaire Tested: **IFLD-M-SA4D-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722238  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 2700K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

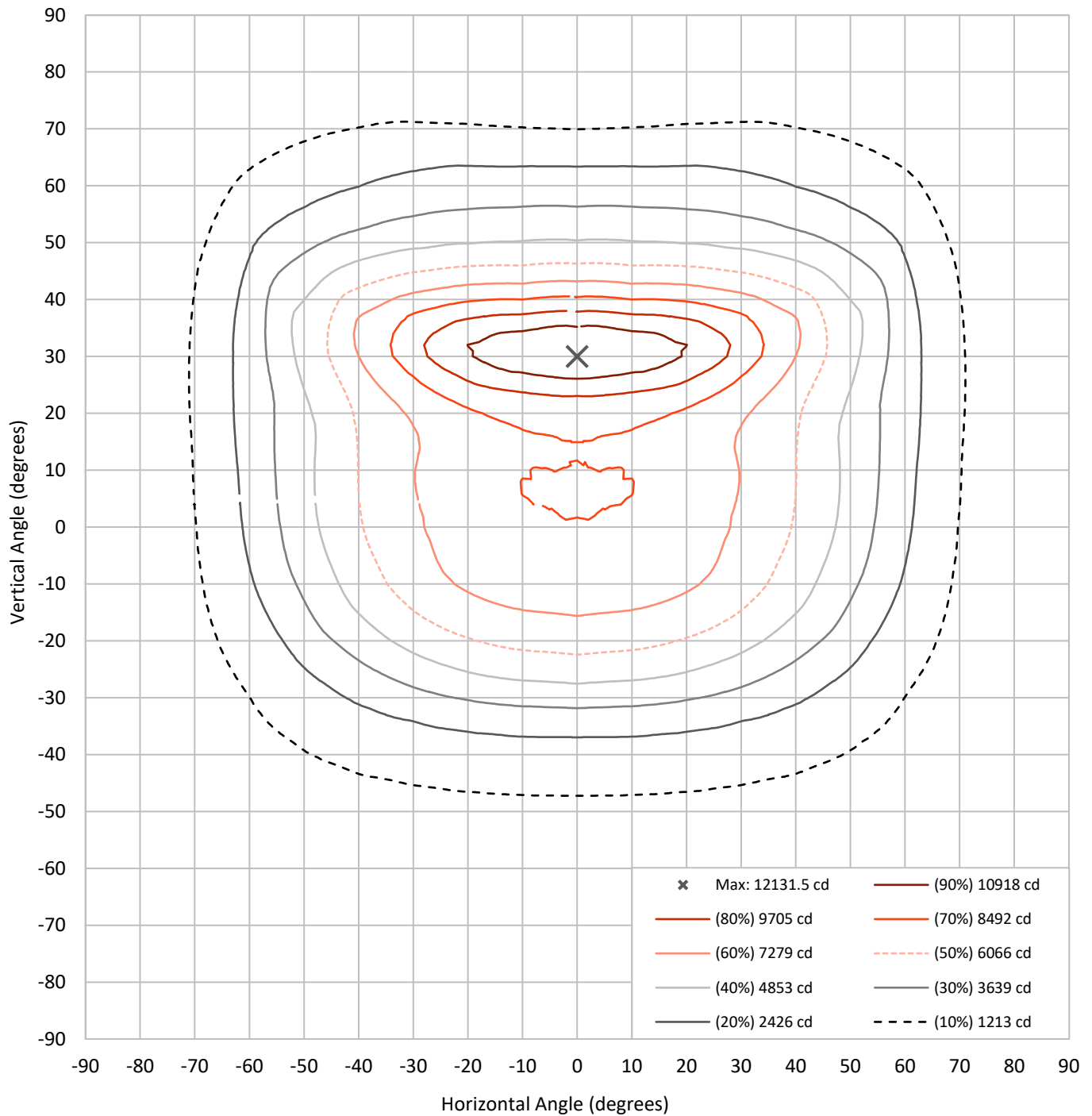
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20250.5 lumens	Max Intensity:	12131.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11775.9 lumens	Field Lumens:	18977.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 249.7  
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: P722238  
CATALOG NUMBER: IFLD-M-SA4D-927-U-76

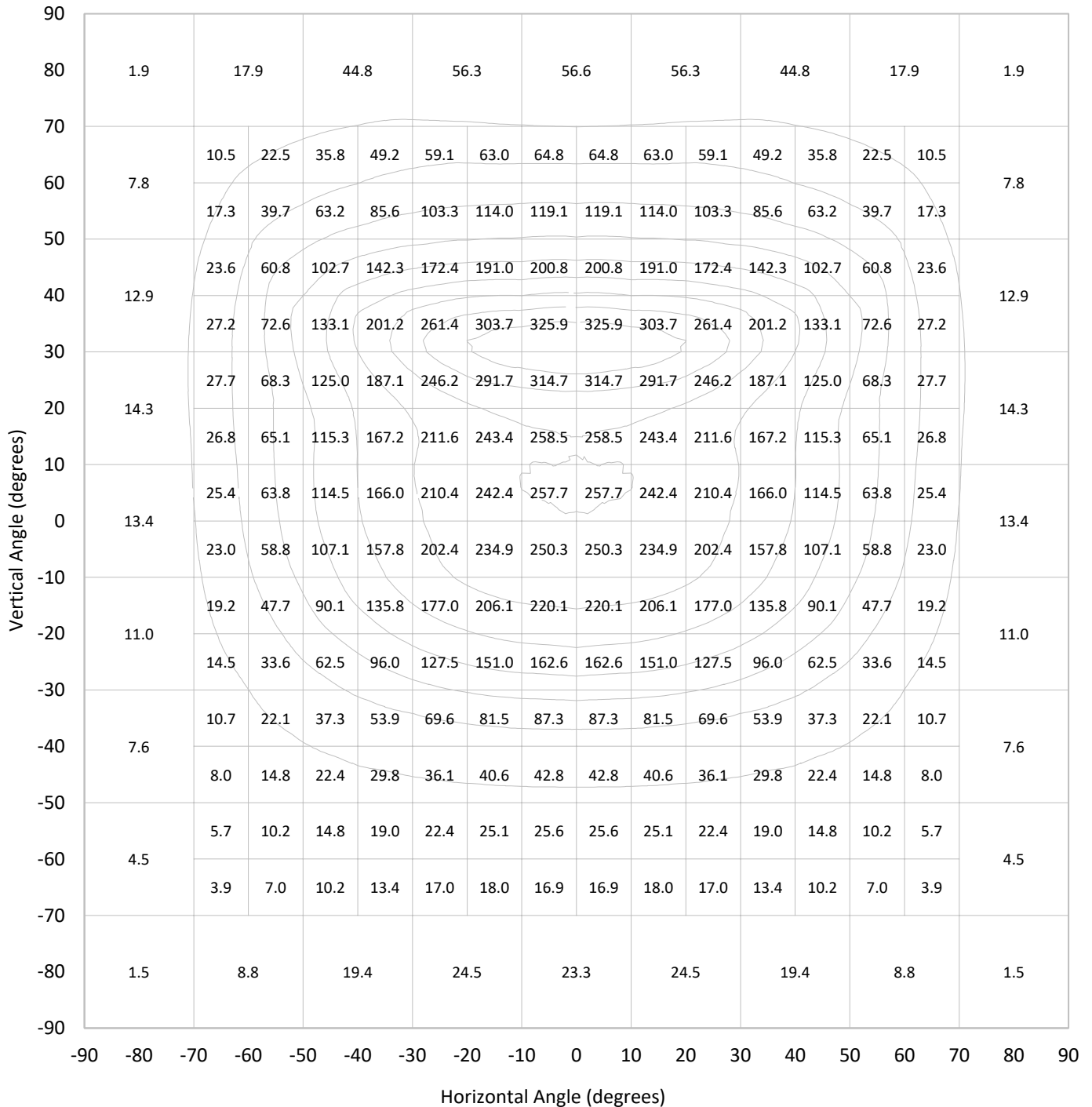
### Iso-Candela Plot





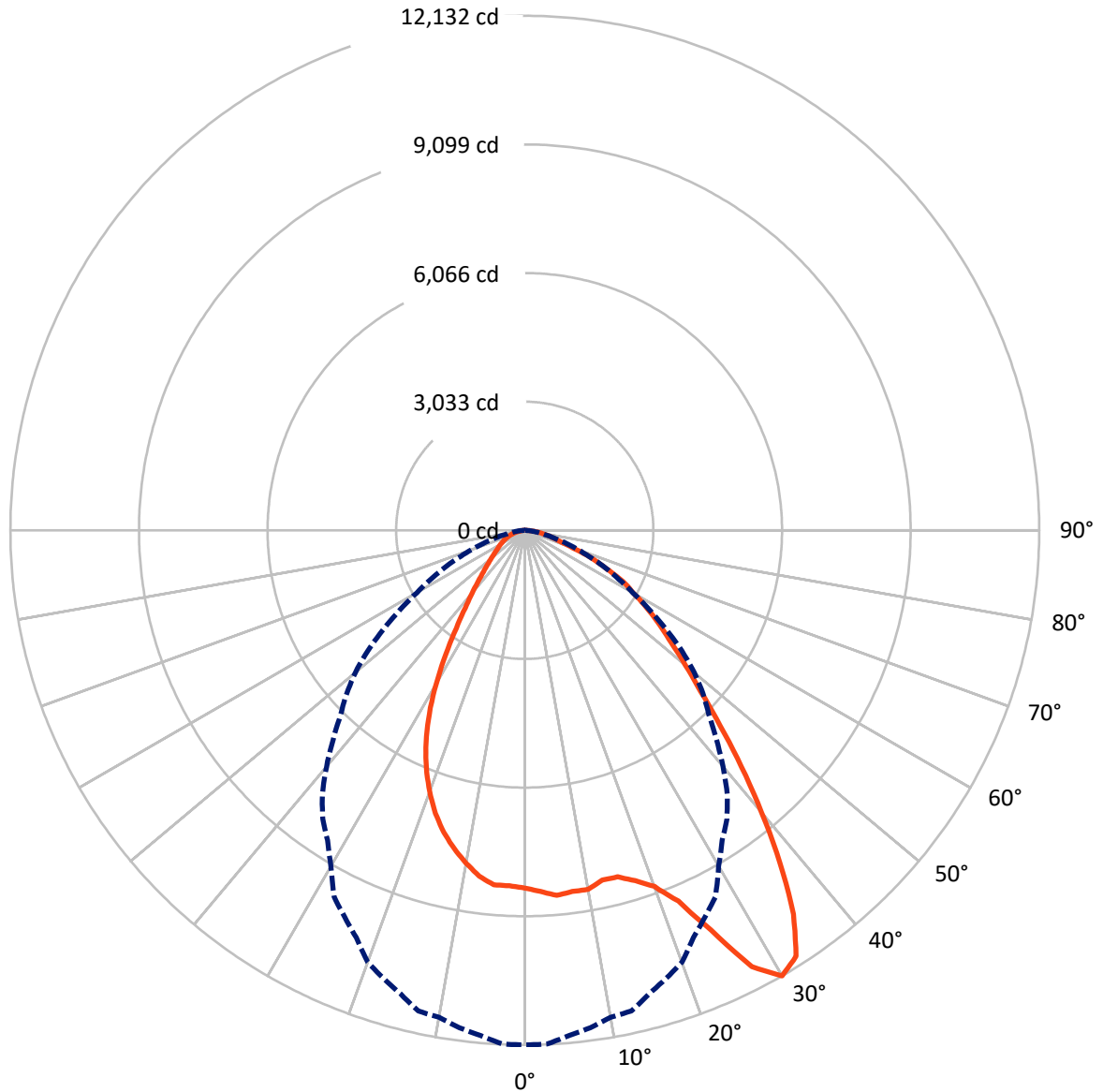
REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

### Lumen Table



REPORT NUMBER: P722238  
CATALOG NUMBER: IFLD-M-SA4D-927-U-76

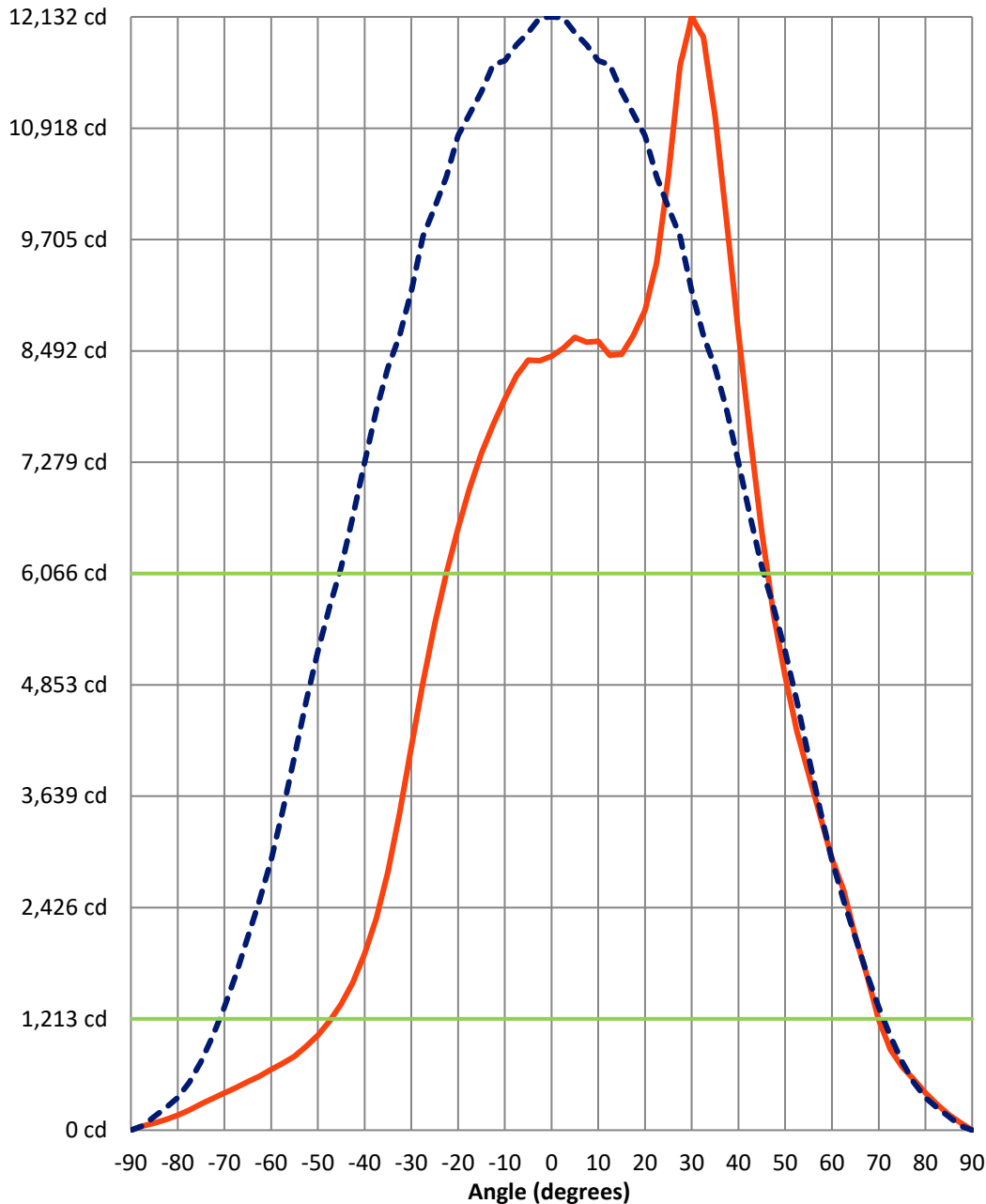
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 11775.9  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 18977.3  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1273.2  
 Efficiency: 6.3%

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



REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-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°	81.5	83.7	85.8	85.8	83.7	83.7	83.7	81.5	83.7	83.7	83.7
85°	169.5	173.8	178.1	175.9	173.8	169.5	165.2	167.3	169.5	171.6	171.6
82.5°	281.0	287.5	291.8	289.6	285.3	281.0	276.7	278.9	283.2	285.3	285.3
80°	407.6	409.7	411.9	416.2	409.7	409.7	407.6	416.2	420.5	424.8	429.1
77.5°	553.5	555.6	555.6	557.8	559.9	562.1	562.1	577.1	587.8	594.2	600.7
75°	690.8	697.2	703.6	710.1	718.7	723.0	729.4	750.8	768.0	780.9	793.7
72.5°	879.6	888.1	898.9	913.9	928.9	939.6	954.6	980.4	999.7	1012.6	1027.6
70°	1203.5	1212.1	1222.8	1233.5	1248.5	1259.3	1274.3	1306.5	1325.8	1334.4	1342.9
67.5°	1684.0	1705.5	1724.8	1703.3	1692.6	1677.6	1681.9	1711.9	1731.2	1744.1	1742.0
65°	2110.9	2126.0	2126.0	2123.8	2115.2	2095.9	2106.7	2143.1	2164.6	2175.3	2143.1
62.5°	2612.9	2612.9	2602.2	2619.4	2621.5	2608.6	2602.2	2604.4	2606.5	2612.9	2559.3
60°	2960.5	2981.9	2988.4	3003.4	3007.7	3007.7	3018.4	3027.0	3027.0	3014.1	2951.9
57.5°	3419.6	3460.3	3468.9	3458.2	3436.7	3408.8	3404.5	3391.7	3365.9	3340.2	3310.1
55°	3882.9	3904.4	3902.2	3895.8	3874.4	3842.2	3846.5	3829.3	3788.5	3756.4	3715.6
52.5°	4348.5	4399.9	4408.5	4395.7	4365.6	4331.3	4333.4	4314.1	4273.4	4239.0	4183.3
50°	4942.7	4985.6	4981.3	4959.9	4917.0	4891.2	4893.4	4856.9	4809.7	4799.0	4726.0
47.5°	5622.7	5672.1	5663.5	5633.5	5575.5	5564.8	5575.5	5528.4	5500.5	5476.9	5391.1
45°	6515.2	6573.1	6540.9	6483.0	6390.8	6401.5	6416.5	6407.9	6347.8	6285.6	6176.2
42.5°	7562.1	7598.5	7559.9	7502.0	7386.2	7407.6	7399.0	7347.5	7311.1	7208.1	7068.7
40°	8681.9	8761.3	8701.2	8611.1	8491.0	8523.1	8499.5	8433.0	8347.2	8218.5	8042.6
37.5°	9889.7	9951.9	9883.2	9778.1	9670.9	9660.1	9612.9	9510.0	9387.7	9246.1	8965.1
35°	11046.0	11206.9	11080.3	10913.0	10782.1	10732.8	10687.7	10449.6	10310.2	10080.6	9696.6
32.5°	11906.2	12024.2	11867.6	11693.9	11535.1	11466.5	11307.7	11024.5	10949.4	10466.8	10114.9
30°	12131.5	12122.9	11959.9	11826.9	11655.2	11608.0	11316.3	11076.0	10835.7	10389.5	10054.9
27.5°	11595.2	11541.5	11384.9	11269.1	11099.6	11043.8	10756.4	10627.7	10256.5	9879.0	9595.8
25°	10400.3	10428.1	10310.2	10252.2	10140.7	10020.5	9906.8	9733.1	9501.4	9171.0	8911.4
22.5°	9458.5	9495.0	9445.6	9377.0	9291.2	9224.6	9138.8	9003.7	8780.6	8576.8	8332.2
20°	8935.0	8924.3	8881.4	8829.9	8748.4	8701.2	8606.8	8493.1	8321.5	8145.6	7881.7
17.5°	8660.4	8593.9	8553.2	8533.9	8491.0	8430.9	8319.3	8203.5	8070.5	7871.0	7677.9
15°	8456.6	8467.4	8435.2	8420.2	8385.8	8302.2	8188.5	8094.1	7913.9	7813.1	7637.2
12.5°	8443.8	8433.0	8435.2	8428.8	8385.8	8278.6	8220.7	8100.5	7984.7	7851.7	7650.0
10°	8596.1	8482.4	8491.0	8521.0	8452.4	8366.5	8304.3	8173.5	8064.1	7894.6	7695.1
7.5°	8587.5	8529.6	8546.7	8497.4	8518.9	8413.7	8327.9	8197.1	8059.8	7879.6	7699.4
5°	8639.0	8551.0	8536.0	8540.3	8486.7	8407.3	8291.5	8167.0	8038.3	7836.7	7652.2
2.5°	8521.0	8533.9	8465.2	8439.5	8433.0	8300.0	8192.8	8072.6	7939.6	7761.6	7596.4
0°	8433.0	8456.6	8385.8	8349.4	8347.2	8233.5	8164.9	8027.6	7933.2	7785.2	7585.7
-2.5°	8385.8	8413.7	8422.3	8355.8	8291.5	8203.5	8087.7	7939.6	7785.2	7613.6	7441.9
-5°	8390.1	8334.4	8310.8	8332.2	8276.4	8188.5	8059.8	7928.9	7776.6	7592.1	7377.6
-7.5°	8220.7	8164.9	8160.6	8149.9	8137.0	8053.3	7946.1	7804.5	7650.0	7478.4	7278.9
-10°	7967.5	7926.8	7916.0	7905.3	7871.0	7821.6	7720.8	7592.1	7452.7	7281.0	7068.7
-12.5°	7686.5	7667.2	7626.4	7598.5	7564.2	7506.3	7409.8	7291.8	7152.3	7000.0	6817.7
-15°	7375.4	7339.0	7298.2	7274.6	7225.3	7156.6	7060.1	6950.7	6798.4	6648.2	6476.6
-17.5°	7000.0	6955.0	6909.9	6903.5	6869.1	6764.0	6673.9	6540.9	6407.9	6264.2	6096.8
-20°	6558.1	6495.9	6465.8	6448.7	6401.5	6324.2	6227.7	6105.4	5976.7	5839.4	5646.3



REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6069.0	6015.3	5963.8	5931.7	5890.9	5830.8	5738.6	5631.3	5504.8	5350.3	5172.2
-25°	5513.3	5438.3	5406.1	5369.6	5348.2	5292.4	5202.3	5103.6	4972.7	4822.6	4653.1
-27.5°	4878.3	4818.3	4801.1	4749.6	4723.9	4666.0	4590.9	4498.6	4378.5	4236.9	4097.5
-30°	4176.8	4140.4	4112.5	4061.0	4041.7	3979.5	3930.1	3852.9	3743.5	3642.7	3531.1
-32.5°	3456.0	3419.6	3411.0	3387.4	3374.5	3333.7	3278.0	3222.2	3134.2	3059.2	2969.0
-35°	2816.7	2791.0	2793.1	2791.0	2778.1	2748.1	2679.4	2664.4	2600.1	2531.4	2473.5
-37.5°	2306.2	2308.3	2306.2	2304.0	2286.9	2274.0	2224.6	2205.3	2166.7	2100.2	2065.9
-40°	1922.2	1926.4	1924.3	1920.0	1900.7	1894.3	1862.1	1836.3	1821.3	1774.1	1737.7
-42.5°	1611.1	1617.5	1615.4	1613.2	1600.4	1598.2	1581.1	1551.0	1542.4	1514.6	1475.9
-45°	1375.1	1373.0	1368.7	1373.0	1366.5	1360.1	1349.4	1330.1	1319.3	1306.5	1274.3
-47.5°	1188.5	1190.6	1186.3	1186.3	1177.8	1171.3	1167.0	1154.2	1145.6	1134.8	1115.5
-50°	1034.0	1042.6	1040.5	1038.3	1031.9	1027.6	1027.6	1014.7	1001.8	997.5	984.7
-52.5°	913.9	920.3	922.5	926.8	928.9	931.0	924.6	911.7	890.3	888.1	881.7
-55°	804.5	823.8	836.7	845.2	853.8	860.3	847.4	830.2	808.8	800.2	798.0
-57.5°	729.4	748.7	763.7	776.6	787.3	798.0	785.2	768.0	748.7	738.0	735.8
-60°	660.7	677.9	692.9	710.1	725.1	742.3	735.8	723.0	712.2	703.6	695.1
-62.5°	587.8	605.0	622.1	643.6	662.9	680.0	682.2	680.0	677.9	680.0	665.0
-65°	527.7	536.3	547.0	570.6	592.1	611.4	622.1	628.6	639.3	650.0	635.0
-67.5°	463.4	474.1	487.0	504.1	521.3	534.2	549.2	566.4	583.5	600.7	589.9
-70°	405.5	414.0	424.8	433.3	444.1	452.7	465.5	484.8	504.1	521.3	517.0
-72.5°	345.4	354.0	360.4	364.7	371.1	375.4	381.9	399.0	411.9	420.5	420.5
-75°	285.3	293.9	300.3	302.5	306.8	308.9	313.2	319.6	326.1	328.2	330.4
-77.5°	218.8	227.4	233.8	238.1	242.4	246.7	248.9	253.1	255.3	255.3	257.4
-80°	163.0	169.5	173.8	180.2	182.3	186.6	190.9	193.1	195.2	195.2	197.4
-82.5°	115.8	120.1	124.4	128.7	133.0	135.2	139.4	141.6	143.7	145.9	148.0
-85°	77.2	81.5	85.8	90.1	92.2	94.4	96.5	98.7	100.8	103.0	105.1
-87.5°	45.1	47.2	49.3	53.6	55.8	60.1	62.2	60.1	62.2	62.2	62.2
-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: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-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°	83.7	83.7	83.7	83.7	81.5	77.2	75.1	70.8	66.5	62.2	57.9
85°	173.8	175.9	175.9	175.9	171.6	169.5	163.0	156.6	148.0	135.2	124.4
82.5°	289.6	291.8	291.8	289.6	285.3	278.9	270.3	259.6	242.4	225.3	210.2
80°	435.5	437.6	437.6	435.5	424.8	414.0	403.3	390.4	369.0	345.4	319.6
77.5°	609.3	613.5	613.5	607.1	592.1	579.2	562.1	540.6	508.4	474.1	439.8
75°	810.9	821.6	823.8	817.3	798.0	774.4	746.6	710.1	660.7	617.8	577.1
72.5°	1044.7	1055.5	1064.1	1055.5	1027.6	995.4	954.6	911.7	862.4	804.5	735.8
70°	1351.5	1362.2	1368.7	1340.8	1291.5	1237.8	1188.5	1139.1	1081.2	1010.4	935.3
67.5°	1737.7	1726.9	1714.1	1658.3	1596.1	1531.7	1463.1	1390.1	1315.0	1240.0	1152.0
65°	2108.8	2078.8	2050.9	1984.4	1905.0	1821.3	1742.0	1660.4	1570.3	1475.9	1392.3
62.5°	2499.2	2434.9	2366.2	2284.7	2203.2	2110.9	2031.6	1935.0	1834.2	1718.4	1611.1
60°	2883.2	2806.0	2737.4	2636.5	2529.3	2404.8	2319.0	2224.6	2106.7	1982.2	1855.7
57.5°	3254.4	3170.7	3095.6	3007.7	2891.8	2756.7	2662.3	2540.0	2415.6	2259.0	2130.3
55°	3649.1	3565.4	3505.4	3406.7	3280.1	3155.7	3052.7	2924.0	2750.2	2582.9	2424.2
52.5°	4101.8	4035.2	3970.9	3870.1	3717.7	3591.2	3477.5	3333.7	3151.4	2945.5	2754.5
50°	4608.0	4573.7	4505.1	4387.1	4213.3	4101.8	3951.6	3760.7	3565.4	3348.8	3110.6
47.5°	5279.5	5223.7	5127.2	4998.5	4852.6	4685.3	4483.6	4260.5	3983.8	3743.5	3490.3
45°	6081.8	5978.9	5854.4	5680.7	5500.5	5311.7	5090.7	4807.5	4436.4	4123.2	3857.2
42.5°	6950.7	6811.2	6641.7	6414.3	6180.5	5948.8	5710.7	5324.6	4861.2	4500.8	4200.4
40°	7858.1	7680.1	7467.7	7137.3	6877.7	6579.5	6307.1	5730.0	5236.6	4846.2	4526.5
37.5°	8746.3	8521.0	8164.9	7763.7	7461.2	7216.7	6618.1	6000.3	5558.4	5129.3	4805.4
35°	9426.3	9235.4	8606.8	8190.6	7931.1	7544.9	6796.2	6163.4	5695.7	5339.6	4835.4
32.5°	9829.6	9336.2	8784.9	8364.4	8149.9	7517.0	6809.1	6210.5	5760.0	5361.0	4758.2
30°	9739.5	9143.1	8660.4	8308.6	7843.1	7274.6	6688.9	6137.6	5700.0	5217.3	4672.4
27.5°	9196.8	8735.5	8304.3	7937.5	7480.5	6970.0	6429.4	5944.5	5536.9	5069.3	4554.4
25°	8583.2	8164.9	7845.2	7525.6	7092.3	6605.3	6129.0	5779.3	5369.6	4908.4	4399.9
22.5°	8019.0	7718.7	7467.7	7133.0	6710.4	6285.6	5989.6	5627.0	5206.6	4738.9	4241.2
20°	7658.6	7454.8	7167.3	6798.4	6465.8	6199.8	5871.6	5487.6	5054.2	4565.1	4106.0
17.5°	7484.8	7248.9	6929.2	6688.9	6433.7	6141.9	5775.1	5367.5	4906.2	4485.8	4121.1
15°	7394.7	7145.9	6935.6	6699.7	6412.2	6105.4	5697.8	5275.2	4906.2	4517.9	4131.8
12.5°	7414.0	7199.5	6970.0	6712.5	6403.6	6075.4	5706.4	5313.8	4932.0	4541.5	4133.9
10°	7474.1	7248.9	7004.3	6719.0	6407.9	6084.0	5730.0	5337.4	4944.8	4552.3	4129.6
7.5°	7495.6	7251.0	6989.3	6701.8	6397.2	6079.7	5734.3	5343.9	4947.0	4550.1	4116.8
5°	7429.1	7208.1	6955.0	6665.3	6367.2	6058.2	5717.1	5335.3	4929.8	4528.7	4084.6
2.5°	7339.0	7160.9	6918.5	6639.6	6337.1	6028.2	5689.2	5296.7	4891.2	4490.0	4043.8
0°	7323.9	7103.0	6858.4	6609.6	6287.8	5961.7	5624.9	5223.7	4820.4	4417.1	3973.0
-2.5°	7225.3	6991.4	6746.9	6476.6	6193.4	5865.2	5511.2	5118.6	4719.6	4322.7	3895.8
-5°	7150.2	6890.6	6631.0	6339.3	6053.9	5725.7	5358.9	4977.0	4586.6	4200.4	3788.5
-7.5°	7049.3	6783.3	6510.9	6206.3	5897.3	5562.7	5200.1	4818.3	4434.3	4050.3	3655.5
-10°	6845.5	6611.7	6356.4	6041.1	5715.0	5380.3	5019.9	4644.5	4260.5	3872.2	3475.3
-12.5°	6598.8	6352.1	6073.3	5783.6	5491.9	5180.8	4820.4	4451.4	4065.3	3674.8	3280.1
-15°	6279.2	6036.8	5751.5	5468.3	5187.3	4889.1	4571.6	4239.0	3846.5	3462.5	3067.7
-17.5°	5880.2	5652.8	5397.5	5127.2	4848.3	4548.0	4239.0	3958.0	3591.2	3230.8	2840.3
-20°	5451.1	5238.7	5009.2	4753.9	4475.0	4181.1	3889.4	3595.5	3278.0	2960.5	2597.9



REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5004.9	4790.4	4558.7	4320.6	4063.1	3790.7	3520.4	3239.4	2960.5	2673.0	2366.2
-25°	4490.0	4301.3	4088.9	3857.2	3627.6	3389.5	3132.1	2876.8	2638.7	2389.8	2138.8
-27.5°	3951.6	3777.8	3584.7	3383.1	3185.7	2986.2	2763.1	2527.1	2329.8	2123.8	1915.7
-30°	3385.2	3245.8	3089.2	2913.3	2761.0	2600.1	2413.4	2218.2	2038.0	1881.4	1714.1
-32.5°	2848.9	2730.9	2619.4	2503.5	2353.4	2228.9	2100.2	1956.5	1797.7	1649.7	1529.6
-35°	2387.7	2261.1	2213.9	2128.1	2020.8	1911.4	1817.0	1714.1	1593.9	1463.1	1364.4
-37.5°	1999.4	1924.3	1857.8	1810.6	1739.8	1651.9	1576.8	1501.7	1409.4	1310.8	1212.1
-40°	1696.9	1645.4	1572.5	1548.9	1503.8	1443.8	1366.5	1308.6	1246.4	1171.3	1087.7
-42.5°	1454.5	1415.9	1368.7	1327.9	1308.6	1265.7	1205.6	1149.9	1100.5	1049.0	984.7
-45°	1255.0	1229.2	1199.2	1162.7	1147.7	1113.4	1070.5	1008.3	980.4	937.5	890.3
-47.5°	1094.1	1081.2	1059.8	1036.2	1014.7	989.0	950.4	911.7	873.1	845.2	808.8
-50°	967.5	958.9	946.1	926.8	898.9	881.7	856.0	821.6	785.2	761.6	735.8
-52.5°	866.7	858.1	849.5	834.5	813.1	795.9	774.4	746.6	716.5	692.9	671.5
-55°	789.5	776.6	770.2	757.3	740.1	720.8	701.5	682.2	656.5	635.0	613.5
-57.5°	729.4	712.2	703.6	692.9	675.8	656.5	641.4	622.1	605.0	581.4	562.1
-60°	682.2	662.9	645.7	635.0	620.0	600.7	585.7	570.6	553.5	534.2	510.6
-62.5°	643.6	620.0	596.4	583.5	568.5	551.3	536.3	521.3	504.1	484.8	463.4
-65°	607.1	579.2	549.2	536.3	521.3	504.1	484.8	474.1	459.1	441.9	420.5
-67.5°	562.1	532.0	506.3	491.3	476.2	461.2	444.1	433.3	418.3	396.9	375.4
-70°	495.6	476.2	459.1	446.2	433.3	420.5	403.3	386.1	369.0	349.7	330.4
-72.5°	411.9	405.5	403.3	396.9	381.9	366.8	349.7	332.5	317.5	302.5	287.5
-75°	332.5	336.8	341.1	339.0	323.9	308.9	293.9	278.9	268.2	255.3	242.4
-77.5°	263.9	268.2	272.4	272.4	261.7	253.1	242.4	231.7	223.1	212.4	199.5
-80°	203.8	210.2	216.7	221.0	212.4	205.9	197.4	188.8	180.2	171.6	163.0
-82.5°	154.5	160.9	167.3	171.6	165.2	160.9	154.5	148.0	141.6	133.0	126.6
-85°	111.6	115.8	120.1	122.3	118.0	113.7	109.4	105.1	100.8	94.4	90.1
-87.5°	64.4	66.5	68.6	70.8	66.5	62.2	60.1	55.8	53.6	49.3	47.2
-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: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-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°	53.6	49.3	45.1	42.9	38.6	32.2	27.9	23.6	19.3	15.0	12.9
85°	113.7	103.0	90.1	83.7	75.1	66.5	57.9	49.3	40.8	32.2	23.6
82.5°	195.2	182.3	169.5	154.5	135.2	111.6	88.0	72.9	60.1	47.2	36.5
80°	293.9	270.3	248.9	229.5	208.1	178.1	145.9	115.8	81.5	62.2	47.2
77.5°	407.6	379.7	349.7	317.5	283.2	242.4	205.9	167.3	126.6	85.8	60.1
75°	536.3	499.8	459.1	414.0	369.0	315.4	263.9	218.8	171.6	120.1	72.9
72.5°	680.0	635.0	585.7	525.6	454.8	392.6	330.4	270.3	214.5	152.3	98.7
70°	864.5	793.7	720.8	656.5	566.4	467.7	394.7	326.1	255.3	186.6	124.4
67.5°	1061.9	976.1	888.1	793.7	680.0	564.2	459.1	381.9	298.2	218.8	148.0
65°	1276.4	1169.2	1057.6	952.5	795.9	658.6	540.6	435.5	339.0	248.9	171.6
62.5°	1497.4	1370.8	1242.1	1104.8	924.6	755.1	617.8	495.6	377.6	276.7	193.1
60°	1733.4	1585.4	1428.7	1257.1	1046.9	860.3	690.8	557.8	418.3	304.6	216.7
57.5°	1982.2	1821.3	1636.8	1405.1	1173.5	961.1	774.4	613.5	454.8	330.4	233.8
55°	2252.5	2068.0	1866.4	1559.6	1297.9	1061.9	858.1	669.3	493.4	351.8	251.0
52.5°	2544.3	2329.8	2074.5	1722.6	1428.7	1164.9	935.3	718.7	529.9	375.4	266.0
50°	2870.4	2600.1	2256.8	1872.8	1542.4	1261.4	1012.6	772.3	559.9	401.2	278.9
47.5°	3209.3	2917.6	2419.9	2012.3	1658.3	1355.8	1091.9	819.5	589.9	422.6	291.8
45°	3563.3	3138.5	2589.3	2136.7	1759.1	1441.6	1152.0	862.4	626.4	441.9	302.5
42.5°	3913.0	3305.9	2737.4	2261.1	1853.5	1518.8	1201.3	903.2	656.5	461.2	313.2
40°	4078.2	3432.4	2855.4	2346.9	1932.9	1587.5	1244.3	939.6	682.2	474.1	323.9
37.5°	4146.8	3509.7	2932.6	2428.4	1995.1	1624.0	1280.7	971.8	703.6	487.0	332.5
35°	4161.8	3537.5	2971.2	2484.2	2046.6	1658.3	1308.6	995.4	720.8	499.8	341.1
32.5°	4133.9	3529.0	2981.9	2503.5	2078.8	1684.0	1327.9	1012.6	733.7	512.7	349.7
30°	4071.7	3483.9	2943.3	2501.4	2102.4	1699.1	1340.8	1025.4	746.6	521.3	354.0
27.5°	3970.9	3404.5	2894.0	2503.5	2115.2	1705.5	1347.2	1031.9	755.1	527.7	362.6
25°	3846.5	3297.3	2896.1	2499.2	2117.4	1707.6	1347.2	1031.9	757.3	529.9	369.0
22.5°	3702.7	3297.3	2896.1	2492.8	2104.5	1703.3	1340.8	1027.6	757.3	534.2	375.4
20°	3711.3	3299.4	2889.7	2479.9	2085.2	1690.5	1325.8	1016.9	750.8	540.6	379.7
17.5°	3717.7	3295.1	2876.8	2462.8	2059.5	1669.0	1306.5	1001.8	750.8	547.0	381.9
15°	3717.7	3282.3	2857.5	2437.0	2027.3	1639.0	1278.6	989.0	753.0	549.2	386.1
12.5°	3711.3	3258.7	2827.5	2402.7	1988.7	1602.5	1261.4	984.7	753.0	551.3	386.1
10°	3698.4	3226.5	2788.8	2359.8	1952.2	1589.6	1252.8	976.1	748.7	551.3	386.1
7.5°	3674.8	3187.9	2756.7	2334.1	1930.7	1574.6	1240.0	963.2	742.3	547.0	390.4
5°	3638.4	3166.4	2730.9	2304.0	1900.7	1563.9	1231.4	952.5	738.0	547.0	386.1
2.5°	3591.2	3140.7	2700.9	2265.4	1866.4	1527.4	1203.5	928.9	723.0	538.5	381.9
0°	3513.9	3089.2	2649.4	2211.8	1819.2	1491.0	1175.6	905.3	707.9	529.9	377.6
-2.5°	3443.2	3020.5	2582.9	2156.0	1774.1	1458.8	1154.2	892.4	701.5	527.7	375.4
-5°	3344.5	2926.1	2494.9	2083.1	1714.1	1426.6	1132.7	877.4	695.1	523.4	375.4
-7.5°	3235.1	2827.5	2402.7	2008.0	1654.0	1370.8	1091.9	853.8	680.0	514.9	373.3
-10°	3065.6	2679.4	2286.9	1922.2	1589.6	1321.5	1057.6	832.4	667.2	506.3	364.7
-12.5°	2885.4	2516.4	2153.8	1817.0	1516.7	1270.0	1019.0	808.8	652.2	497.7	360.4
-15°	2694.5	2349.1	2014.4	1707.6	1437.3	1207.8	978.2	783.0	637.1	487.0	354.0
-17.5°	2494.9	2173.2	1870.7	1596.1	1358.0	1143.4	935.3	759.4	620.0	476.2	347.5
-20°	2284.7	1993.0	1724.8	1482.4	1274.3	1079.1	890.3	731.5	600.7	463.4	339.0



REPORT NUMBER: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2076.6	1814.9	1574.6	1370.8	1188.5	1012.6	845.2	703.6	579.2	448.4	332.5
-25°	1892.1	1647.6	1441.6	1263.6	1104.8	948.2	798.0	675.8	555.6	433.3	323.9
-27.5°	1711.9	1503.8	1310.8	1162.7	1023.3	886.0	753.0	645.7	532.0	416.2	315.4
-30°	1544.6	1366.5	1207.8	1064.1	946.1	830.2	714.4	615.7	506.3	399.0	304.6
-32.5°	1392.3	1248.5	1115.5	978.2	873.1	774.4	677.9	585.7	480.5	381.9	293.9
-35°	1250.7	1139.1	1023.3	907.4	800.2	723.0	639.3	553.5	456.9	362.6	283.2
-37.5°	1124.1	1034.0	941.8	843.1	750.8	673.6	602.8	521.3	433.3	345.4	272.4
-40°	1014.7	941.8	860.3	780.9	703.6	630.7	566.4	489.1	409.7	332.5	261.7
-42.5°	913.9	858.1	791.6	725.1	656.5	592.1	529.9	454.8	386.1	317.5	251.0
-45°	836.7	780.9	727.2	667.2	609.3	553.5	491.3	424.8	364.7	300.3	240.3
-47.5°	763.7	714.4	665.0	615.7	568.5	517.0	454.8	399.0	341.1	285.3	231.7
-50°	699.4	652.2	609.3	566.4	525.6	476.2	418.3	373.3	321.8	270.3	221.0
-52.5°	639.3	598.5	555.6	521.3	487.0	437.6	390.4	347.5	302.5	253.1	210.2
-55°	585.7	547.0	508.4	476.2	444.1	401.2	362.6	326.1	283.2	240.3	199.5
-57.5°	534.2	502.0	465.5	435.5	403.3	369.0	336.8	302.5	263.9	227.4	188.8
-60°	487.0	456.9	424.8	394.7	366.8	339.0	308.9	281.0	246.7	212.4	178.1
-62.5°	439.8	414.0	386.1	356.1	334.7	308.9	285.3	257.4	229.5	199.5	158.7
-65°	396.9	373.3	347.5	321.8	302.5	283.2	261.7	236.0	212.4	184.5	141.6
-67.5°	354.0	332.5	311.1	289.6	272.4	257.4	236.0	216.7	197.4	167.3	124.4
-70°	313.2	296.0	276.7	259.6	246.7	229.5	214.5	197.4	180.2	145.9	105.1
-72.5°	274.6	257.4	242.4	229.5	218.8	203.8	190.9	178.1	154.5	122.3	88.0
-75°	229.5	218.8	210.2	199.5	188.8	178.1	167.3	152.3	128.7	98.7	68.6
-77.5°	188.8	182.3	175.9	167.3	158.7	150.2	137.3	122.3	103.0	77.2	55.8
-80°	154.5	148.0	143.7	135.2	128.7	120.1	107.3	94.4	75.1	60.1	45.1
-82.5°	118.0	113.7	109.4	105.1	98.7	90.1	77.2	66.5	55.8	45.1	34.3
-85°	83.7	81.5	77.2	72.9	66.5	60.1	51.5	45.1	38.6	30.0	23.6
-87.5°	42.9	40.8	38.6	36.5	34.3	30.0	25.7	21.5	19.3	15.0	10.7
-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: P722238  
 CATALOG NUMBER: IFLD-M-SA4D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.6	6.4	2.1	0.0
85°	17.2	10.7	4.3	0.0
82.5°	25.7	17.2	6.4	0.0
80°	34.3	21.5	10.7	0.0
77.5°	42.9	25.7	12.9	0.0
75°	51.5	32.2	15.0	0.0
72.5°	57.9	36.5	17.2	0.0
70°	68.6	42.9	19.3	0.0
67.5°	85.8	47.2	21.5	0.0
65°	100.8	51.5	23.6	0.0
62.5°	118.0	55.8	25.7	0.0
60°	133.0	60.1	27.9	0.0
57.5°	148.0	70.8	30.0	0.0
55°	160.9	79.4	32.2	0.0
52.5°	175.9	88.0	34.3	0.0
50°	188.8	96.5	36.5	0.0
47.5°	199.5	105.1	36.5	0.0
45°	208.1	111.6	38.6	0.0
42.5°	214.5	118.0	40.8	0.0
40°	221.0	124.4	42.9	0.0
37.5°	227.4	130.9	42.9	0.0
35°	233.8	137.3	45.1	0.0
32.5°	240.3	143.7	45.1	0.0
30°	244.6	148.0	47.2	0.0
27.5°	251.0	152.3	47.2	0.0
25°	253.1	156.6	49.3	0.0
22.5°	257.4	158.7	49.3	0.0
20°	261.7	163.0	49.3	0.0
17.5°	263.9	165.2	51.5	0.0
15°	263.9	167.3	53.6	0.0
12.5°	266.0	169.5	53.6	0.0
10°	266.0	173.8	51.5	0.0
7.5°	270.3	171.6	51.5	0.0
5°	268.2	171.6	51.5	0.0
2.5°	266.0	169.5	51.5	0.0
0°	263.9	169.5	51.5	0.0
-2.5°	263.9	169.5	51.5	0.0
-5°	263.9	169.5	51.5	0.0
-7.5°	261.7	171.6	51.5	0.0
-10°	257.4	171.6	51.5	0.0
-12.5°	255.3	165.2	51.5	0.0
-15°	253.1	163.0	51.5	0.0
-17.5°	248.9	160.9	49.3	0.0
-20°	244.6	158.7	49.3	0.0



REPORT NUMBER: P722238  
CATALOG NUMBER: IFLD-M-SA4D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	240.3	154.5	49.3	0.0
-25°	236.0	150.2	47.2	0.0
-27.5°	231.7	145.9	47.2	0.0
-30°	225.3	141.6	45.1	0.0
-32.5°	218.8	137.3	45.1	0.0
-35°	214.5	130.9	42.9	0.0
-37.5°	208.1	124.4	42.9	0.0
-40°	201.7	118.0	40.8	0.0
-42.5°	195.2	111.6	38.6	0.0
-45°	186.6	105.1	38.6	0.0
-47.5°	180.2	98.7	36.5	0.0
-50°	169.5	90.1	34.3	0.0
-52.5°	156.6	81.5	32.2	0.0
-55°	143.7	75.1	30.0	0.0
-57.5°	130.9	66.5	30.0	0.0
-60°	118.0	57.9	27.9	0.0
-62.5°	105.1	53.6	25.7	0.0
-65°	92.2	49.3	23.6	0.0
-67.5°	77.2	42.9	21.5	0.0
-70°	64.4	38.6	19.3	0.0
-72.5°	55.8	34.3	17.2	0.0
-75°	47.2	30.0	15.0	0.0
-77.5°	40.8	25.7	12.9	0.0
-80°	32.2	19.3	8.6	0.0
-82.5°	23.6	15.0	6.4	0.0
-85°	15.0	10.7	4.3	0.0
-87.5°	8.6	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)