

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: P722164

Luminaire Tested: **IFLD-S-SA2C-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722164
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

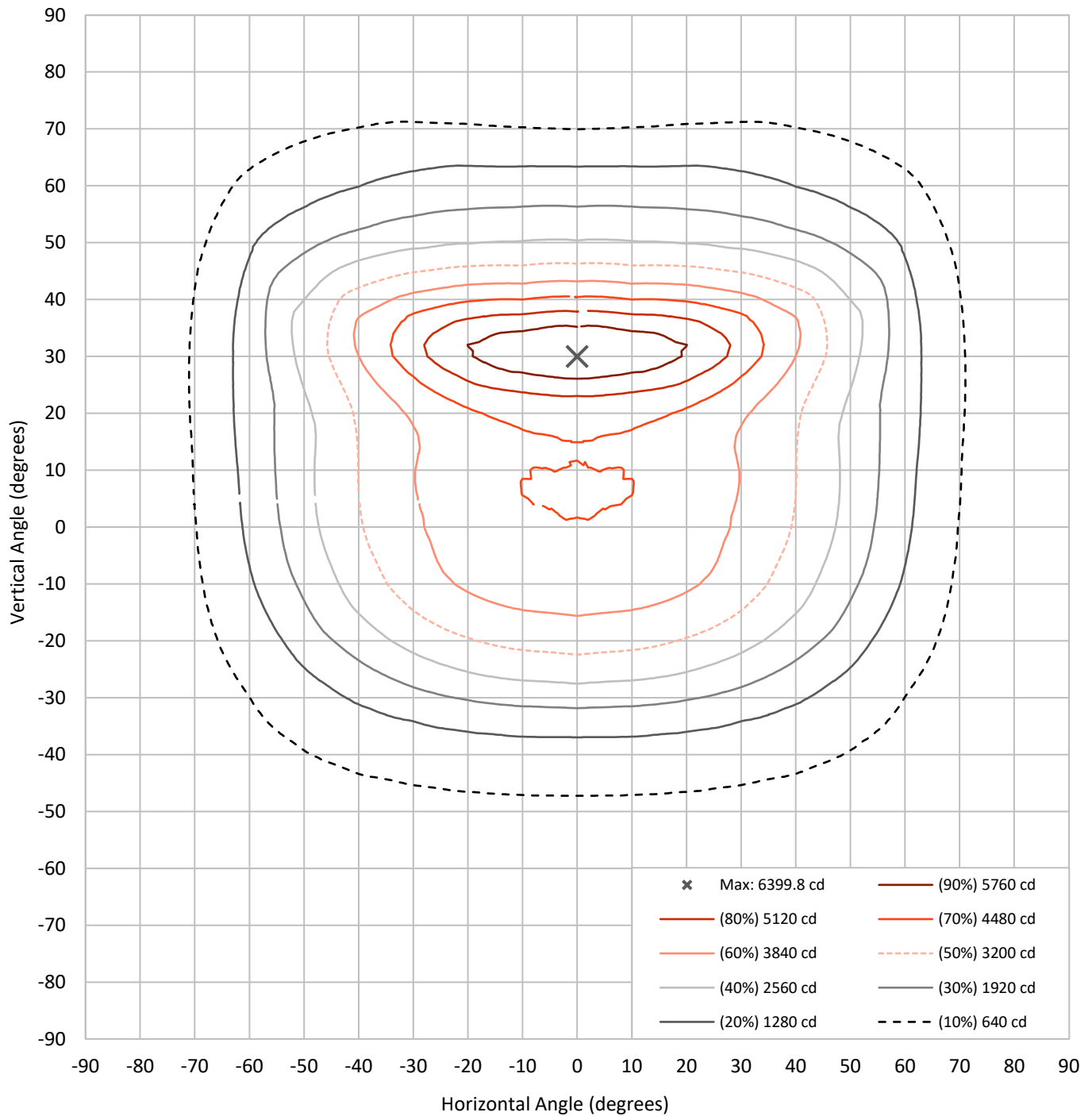
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 10682.8 lumens	Max Intensity: 6399.8 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 98.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 6212.2 lumens	Field Lumens: 10011.2 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 108.2
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: P722164
CATALOG NUMBER: IFLD-S-SA2C-827-U-76

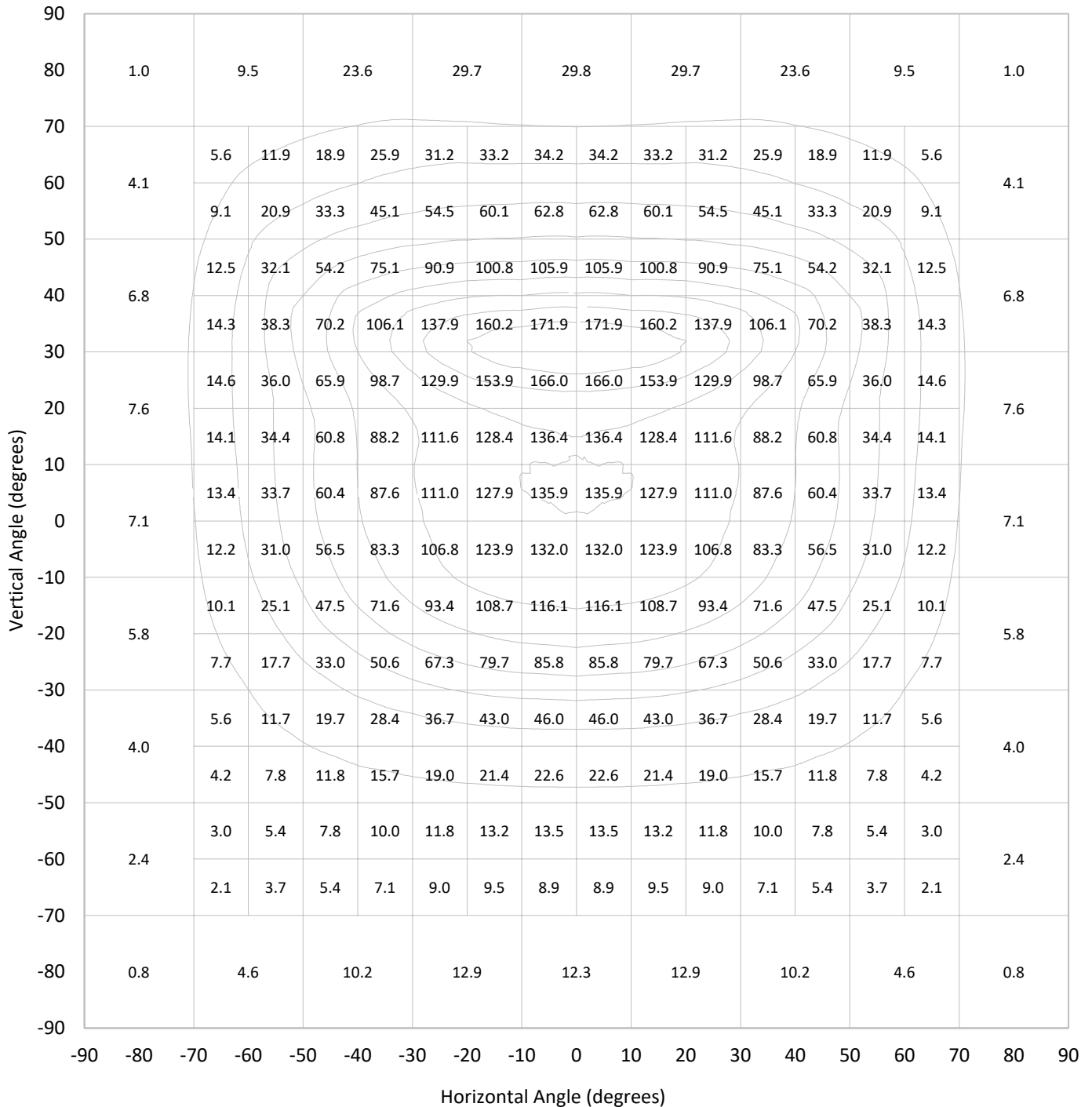
Iso-Candela Plot





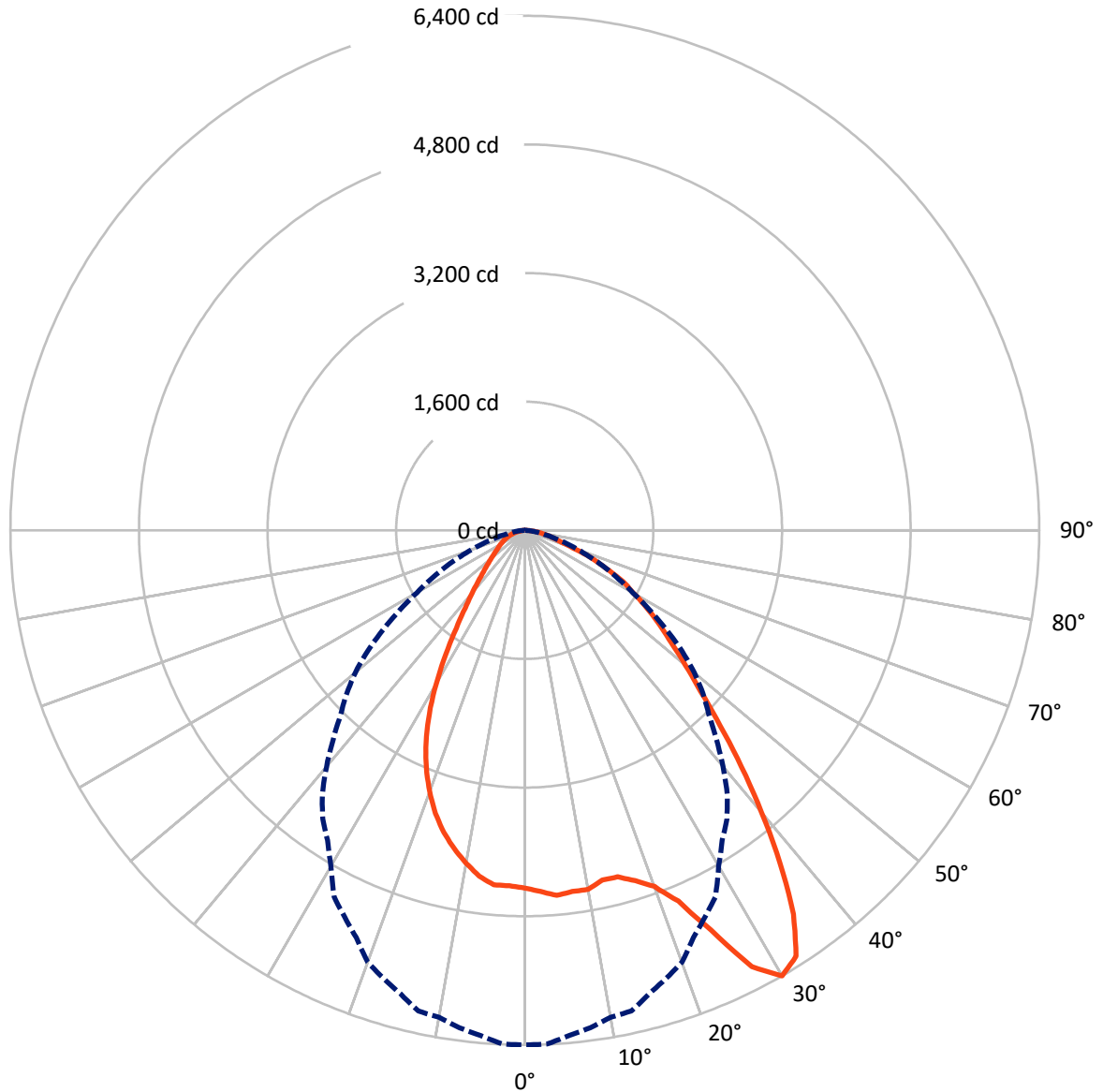
REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

Lumen Table



REPORT NUMBER: P722164
CATALOG NUMBER: IFLD-S-SA2C-827-U-76

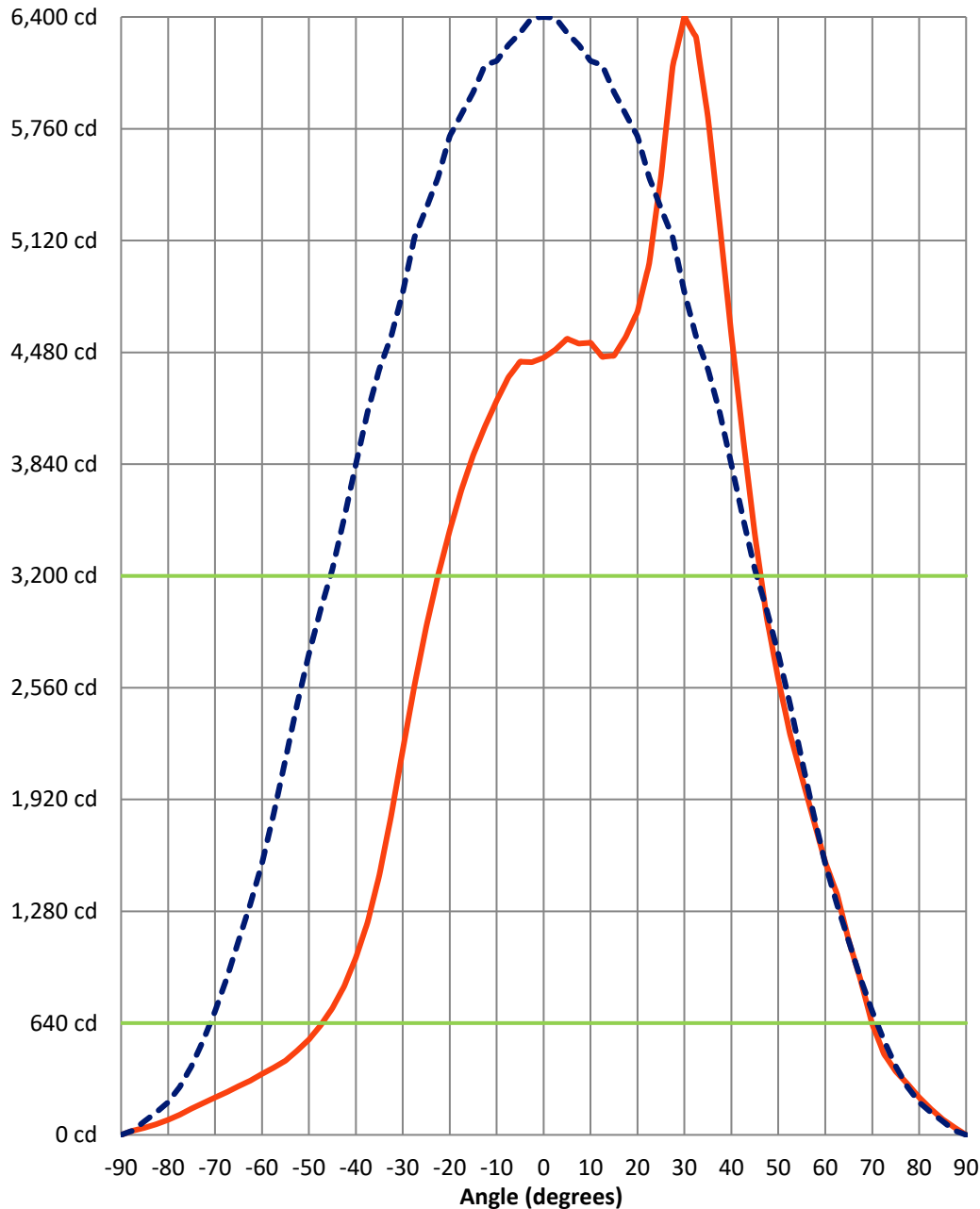
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 6212.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10011.2
 Efficiency: 93.7%

Spill:
 Lumens: 671.6
 Efficiency: 6.3%

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



REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-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°	43.0	44.1	45.3	45.3	44.1	44.1	44.1	43.0	44.1	44.1	44.1
85°	89.4	91.7	93.9	92.8	91.7	89.4	87.1	88.3	89.4	90.5	90.5
82.5°	148.3	151.6	153.9	152.8	150.5	148.3	146.0	147.1	149.4	150.5	150.5
80°	215.0	216.2	217.3	219.6	216.2	216.2	215.0	219.6	221.8	224.1	226.3
77.5°	292.0	293.1	293.1	294.2	295.4	296.5	296.5	304.4	310.1	313.5	316.9
75°	364.4	367.8	371.2	374.6	379.1	381.4	384.8	396.1	405.1	411.9	418.7
72.5°	464.0	468.5	474.2	482.1	490.0	495.7	503.6	517.2	527.4	534.2	542.1
70°	634.9	639.4	645.1	650.7	658.7	664.3	672.2	689.2	699.4	703.9	708.4
67.5°	888.4	899.7	909.9	898.6	892.9	885.0	887.3	903.1	913.3	920.1	918.9
65°	1113.6	1121.5	1121.5	1120.4	1115.9	1105.7	1111.3	1130.6	1141.9	1147.5	1130.6
62.5°	1378.4	1378.4	1372.8	1381.8	1382.9	1376.2	1372.8	1373.9	1375.0	1378.4	1350.1
60°	1561.7	1573.1	1576.5	1584.4	1586.6	1586.6	1592.3	1596.8	1596.8	1590.0	1557.2
57.5°	1803.9	1825.4	1830.0	1824.3	1813.0	1798.3	1796.0	1789.2	1775.6	1762.1	1746.2
55°	2048.4	2059.7	2058.6	2055.2	2043.9	2026.9	2029.1	2020.1	1998.6	1981.6	1960.1
52.5°	2294.0	2321.1	2325.6	2318.9	2303.0	2284.9	2286.0	2275.9	2254.4	2236.2	2206.8
50°	2607.4	2630.1	2627.8	2616.5	2593.9	2580.3	2581.4	2562.2	2537.3	2531.6	2493.1
47.5°	2966.2	2992.2	2987.7	2971.9	2941.3	2935.6	2941.3	2916.4	2901.7	2889.2	2844.0
45°	3437.0	3467.5	3450.6	3420.0	3371.3	3377.0	3384.9	3380.4	3348.7	3315.9	3258.2
42.5°	3989.3	4008.5	3988.1	3957.6	3896.5	3907.8	3903.2	3876.1	3856.8	3802.5	3729.0
40°	4580.0	4621.9	4590.2	4542.7	4479.3	4496.3	4483.8	4448.7	4403.5	4335.6	4242.8
37.5°	5217.1	5250.0	5213.8	5158.3	5101.7	5096.1	5071.2	5016.8	4952.3	4877.6	4729.4
35°	5827.1	5912.0	5845.2	5757.0	5687.9	5661.9	5638.1	5512.5	5439.0	5317.9	5115.3
32.5°	6280.9	6343.2	6260.6	6168.9	6085.2	6048.9	5965.2	5815.8	5776.2	5521.6	5336.0
30°	6399.8	6395.2	6309.2	6239.1	6148.5	6123.6	5969.7	5843.0	5716.2	5480.8	5304.3
27.5°	6116.9	6088.6	6005.9	5944.8	5855.4	5826.0	5674.4	5606.5	5410.7	5211.5	5062.1
25°	5486.5	5501.2	5439.0	5408.4	5349.6	5286.2	5226.2	5134.5	5012.3	4838.0	4701.1
22.5°	4989.7	5008.9	4982.9	4946.7	4901.4	4866.3	4821.1	4749.8	4632.1	4524.5	4395.5
20°	4713.5	4707.9	4685.2	4658.1	4615.1	4590.2	4540.4	4480.4	4389.9	4297.1	4157.9
17.5°	4568.7	4533.6	4512.1	4501.9	4479.3	4447.6	4388.7	4327.6	4257.5	4152.2	4050.4
15°	4461.2	4466.8	4449.9	4441.9	4423.8	4379.7	4319.7	4269.9	4174.8	4121.7	4028.9
12.5°	4454.4	4448.7	4449.9	4446.5	4423.8	4367.2	4336.7	4273.3	4212.2	4142.0	4035.7
10°	4534.7	4474.8	4479.3	4495.1	4458.9	4413.6	4380.8	4311.8	4254.1	4164.7	4059.4
7.5°	4530.2	4499.6	4508.7	4482.7	4494.0	4438.5	4393.3	4324.2	4251.8	4156.7	4061.7
5°	4557.4	4511.0	4503.0	4505.3	4477.0	4435.1	4374.0	4308.4	4240.5	4134.1	4036.8
2.5°	4495.1	4501.9	4465.7	4452.1	4448.7	4378.6	4322.0	4258.6	4188.4	4094.5	4007.4
0°	4448.7	4461.2	4423.8	4404.6	4403.5	4343.5	4307.3	4234.8	4185.0	4106.9	4001.7
-2.5°	4423.8	4438.5	4443.1	4408.0	4374.0	4327.6	4266.5	4188.4	4106.9	4016.4	3925.9
-5°	4426.1	4396.7	4384.2	4395.5	4366.1	4319.7	4251.8	4182.8	4102.4	4005.1	3891.9
-7.5°	4336.7	4307.3	4305.0	4299.3	4292.5	4248.4	4191.8	4117.1	4035.7	3945.1	3839.9
-10°	4203.1	4181.6	4176.0	4170.3	4152.2	4126.2	4073.0	4005.1	3931.5	3841.0	3729.0
-12.5°	4054.9	4044.7	4023.2	4008.5	3990.4	3959.8	3908.9	3846.7	3773.1	3692.7	3596.5
-15°	3890.8	3871.6	3850.1	3837.6	3811.6	3775.4	3724.4	3666.7	3586.4	3507.1	3416.6
-17.5°	3692.7	3669.0	3645.2	3641.8	3623.7	3568.3	3520.7	3450.6	3380.4	3304.6	3216.3
-20°	3459.6	3426.8	3411.0	3401.9	3377.0	3336.3	3285.3	3220.8	3152.9	3080.5	2978.6



REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3201.6	3173.3	3146.1	3129.2	3107.7	3076.0	3027.3	2970.7	2903.9	2822.5	2728.5
-25°	2908.5	2868.9	2851.9	2832.7	2821.3	2791.9	2744.4	2692.3	2623.3	2544.1	2454.7
-27.5°	2573.5	2541.8	2532.7	2505.6	2492.0	2461.5	2421.8	2373.2	2309.8	2235.1	2161.6
-30°	2203.4	2184.2	2169.5	2142.3	2132.1	2099.3	2073.3	2032.5	1974.8	1921.6	1862.8
-32.5°	1823.2	1803.9	1799.4	1787.0	1780.2	1758.7	1729.2	1699.8	1653.4	1613.8	1566.3
-35°	1485.9	1472.3	1473.5	1472.3	1465.6	1449.7	1413.5	1405.6	1371.6	1335.4	1304.9
-37.5°	1216.6	1217.7	1216.6	1215.4	1206.4	1199.6	1173.6	1163.4	1143.0	1107.9	1089.8
-40°	1014.0	1016.3	1015.1	1012.9	1002.7	999.3	982.3	968.7	960.8	935.9	916.7
-42.5°	849.9	853.3	852.2	851.0	844.2	843.1	834.1	818.2	813.7	799.0	778.6
-45°	725.4	724.3	722.0	724.3	720.9	717.5	711.8	701.7	696.0	689.2	672.2
-47.5°	627.0	628.1	625.8	625.8	621.3	617.9	615.6	608.9	604.3	598.7	588.5
-50°	545.5	550.0	548.9	547.7	544.3	542.1	542.1	535.3	528.5	526.2	519.5
-52.5°	482.1	485.5	486.6	488.9	490.0	491.2	487.8	481.0	469.7	468.5	465.1
-55°	424.4	434.6	441.4	445.9	450.4	453.8	447.0	438.0	426.7	422.1	421.0
-57.5°	384.8	395.0	402.9	409.7	415.3	421.0	414.2	405.1	395.0	389.3	388.2
-60°	348.6	357.6	365.5	374.6	382.5	391.6	388.2	381.4	375.7	371.2	366.7
-62.5°	310.1	319.1	328.2	339.5	349.7	358.7	359.9	358.7	357.6	358.7	350.8
-65°	278.4	282.9	288.6	301.0	312.3	322.5	328.2	331.6	337.2	342.9	335.0
-67.5°	244.4	250.1	256.9	266.0	275.0	281.8	289.7	298.8	307.8	316.9	311.2
-70°	213.9	218.4	224.1	228.6	234.3	238.8	245.6	255.8	266.0	275.0	272.7
-72.5°	182.2	186.7	190.1	192.4	195.8	198.0	201.4	210.5	217.3	221.8	221.8
-75°	150.5	155.0	158.4	159.6	161.8	163.0	165.2	168.6	172.0	173.2	174.3
-77.5°	115.4	120.0	123.4	125.6	127.9	130.1	131.3	133.5	134.7	134.7	135.8
-80°	86.0	89.4	91.7	95.1	96.2	98.5	100.7	101.9	103.0	103.0	104.1
-82.5°	61.1	63.4	65.6	67.9	70.2	71.3	73.6	74.7	75.8	77.0	78.1
-85°	40.7	43.0	45.3	47.5	48.7	49.8	50.9	52.1	53.2	54.3	55.5
-87.5°	23.8	24.9	26.0	28.3	29.4	31.7	32.8	31.7	32.8	32.8	32.8
-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: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-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°	44.1	44.1	44.1	44.1	43.0	40.7	39.6	37.3	35.1	32.8	30.6
85°	91.7	92.8	92.8	92.8	90.5	89.4	86.0	82.6	78.1	71.3	65.6
82.5°	152.8	153.9	153.9	152.8	150.5	147.1	142.6	136.9	127.9	118.8	110.9
80°	229.7	230.9	230.9	229.7	224.1	218.4	212.8	206.0	194.7	182.2	168.6
77.5°	321.4	323.7	323.7	320.3	312.3	305.6	296.5	285.2	268.2	250.1	232.0
75°	427.8	433.4	434.6	431.2	421.0	408.5	393.8	374.6	348.6	325.9	304.4
72.5°	551.1	556.8	561.3	556.8	542.1	525.1	503.6	481.0	454.9	424.4	388.2
70°	713.0	718.6	722.0	707.3	681.3	653.0	627.0	600.9	570.4	533.0	493.4
67.5°	916.7	911.0	904.2	874.8	842.0	808.0	771.8	733.3	693.7	654.1	607.7
65°	1112.5	1096.6	1081.9	1046.8	1005.0	960.8	918.9	875.9	828.4	778.6	734.5
62.5°	1318.4	1284.5	1248.3	1205.3	1162.3	1113.6	1071.7	1020.8	967.6	906.5	849.9
60°	1521.0	1480.3	1444.1	1390.9	1334.3	1268.6	1223.4	1173.6	1111.3	1045.7	978.9
57.5°	1716.8	1672.7	1633.0	1586.6	1525.5	1454.2	1404.4	1339.9	1274.3	1191.7	1123.8
55°	1925.0	1880.9	1849.2	1797.1	1730.4	1664.7	1610.4	1542.5	1450.8	1362.6	1278.8
52.5°	2163.8	2128.7	2094.8	2041.6	1961.2	1894.5	1834.5	1758.7	1662.5	1553.8	1453.1
50°	2430.9	2412.8	2376.6	2314.3	2222.7	2163.8	2084.6	1983.9	1880.9	1766.6	1641.0
47.5°	2785.1	2755.7	2704.8	2636.9	2559.9	2471.6	2365.3	2247.6	2101.6	1974.8	1841.3
45°	3208.4	3154.1	3088.4	2996.7	2901.7	2802.1	2685.5	2536.1	2340.4	2175.1	2034.8
42.5°	3666.7	3593.2	3503.8	3383.8	3260.4	3138.2	3012.6	2808.9	2564.4	2374.3	2215.9
40°	4145.4	4051.5	3939.5	3765.2	3628.2	3470.9	3327.2	3022.8	2762.5	2556.5	2387.9
37.5°	4614.0	4495.1	4307.3	4095.6	3936.1	3807.0	3491.3	3165.4	2932.2	2705.9	2535.0
35°	4972.7	4872.0	4540.4	4320.8	4183.9	3980.2	3585.2	3251.4	3004.7	2816.8	2550.9
32.5°	5185.5	4925.2	4634.3	4412.5	4299.3	3965.5	3592.0	3276.3	3038.6	2828.1	2510.1
30°	5137.9	4823.3	4568.7	4383.1	4137.5	3837.6	3528.6	3237.8	3006.9	2752.3	2464.8
27.5°	4851.6	4608.3	4380.8	4187.3	3946.2	3676.9	3391.7	3135.9	2920.9	2674.2	2402.6
25°	4527.9	4307.3	4138.6	3970.0	3741.4	3484.5	3233.3	3048.8	2832.7	2589.3	2321.1
22.5°	4230.3	4071.9	3939.5	3762.9	3540.0	3315.9	3159.7	2968.5	2746.6	2499.9	2237.4
20°	4040.2	3932.7	3781.0	3586.4	3411.0	3270.6	3097.5	2894.9	2666.3	2408.3	2166.1
17.5°	3948.5	3824.0	3655.4	3528.6	3394.0	3240.1	3046.5	2831.5	2588.2	2366.4	2174.0
15°	3901.0	3769.7	3658.8	3534.3	3382.7	3220.8	3005.8	2782.9	2588.2	2383.4	2179.7
12.5°	3911.2	3798.0	3676.9	3541.1	3378.1	3205.0	3010.3	2803.2	2601.8	2395.8	2180.8
10°	3942.9	3824.0	3695.0	3544.5	3380.4	3209.5	3022.8	2815.7	2608.6	2401.5	2178.5
7.5°	3954.2	3825.2	3687.1	3535.4	3374.7	3207.2	3025.0	2819.1	2609.7	2400.3	2171.7
5°	3919.1	3802.5	3669.0	3516.2	3358.9	3195.9	3016.0	2814.5	2600.7	2389.0	2154.8
2.5°	3871.6	3777.6	3649.7	3502.6	3343.0	3180.1	3001.3	2794.2	2580.3	2368.7	2133.3
0°	3863.6	3747.1	3618.1	3486.8	3317.0	3145.0	2967.3	2755.7	2542.9	2330.2	2095.9
-2.5°	3811.6	3688.2	3559.2	3416.6	3267.2	3094.1	2907.3	2700.2	2489.7	2280.4	2055.2
-5°	3772.0	3635.0	3498.1	3344.2	3193.7	3020.5	2827.0	2625.5	2419.6	2215.9	1998.6
-7.5°	3718.8	3578.4	3434.7	3274.0	3111.0	2934.5	2743.2	2541.8	2339.2	2136.7	1928.4
-10°	3611.3	3487.9	3353.2	3186.9	3014.9	2838.3	2648.2	2450.1	2247.6	2042.7	1833.4
-12.5°	3481.1	3351.0	3203.8	3051.1	2897.2	2733.1	2542.9	2348.3	2144.6	1938.6	1730.4
-15°	3312.5	3184.6	3034.1	2884.7	2736.5	2579.1	2411.7	2236.2	2029.1	1826.6	1618.3
-17.5°	3102.0	2982.0	2847.4	2704.8	2557.6	2399.2	2236.2	2088.0	1894.5	1704.3	1498.4
-20°	2875.7	2763.6	2642.5	2507.9	2360.7	2205.7	2051.8	1896.7	1729.2	1561.7	1370.5



REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2640.3	2527.1	2404.9	2279.2	2143.4	1999.7	1857.1	1708.9	1561.7	1410.1	1248.3
-25°	2368.7	2269.1	2157.0	2034.8	1913.7	1788.1	1652.3	1517.6	1392.0	1260.7	1128.3
-27.5°	2084.6	1992.9	1891.1	1784.7	1680.6	1575.3	1457.6	1333.1	1229.0	1120.4	1010.6
-30°	1785.8	1712.3	1629.7	1536.9	1456.5	1371.6	1273.2	1170.2	1075.1	992.5	904.2
-32.5°	1502.9	1440.7	1381.8	1320.7	1241.5	1175.8	1107.9	1032.1	948.4	870.3	806.9
-35°	1259.6	1192.8	1167.9	1122.6	1066.1	1008.3	958.6	904.2	840.9	771.8	719.8
-37.5°	1054.7	1015.1	980.1	955.2	917.8	871.4	831.8	792.2	743.5	691.5	639.4
-40°	895.2	868.0	829.5	817.1	793.3	761.6	720.9	690.3	657.5	617.9	573.8
-42.5°	767.3	746.9	722.0	700.5	690.3	667.7	636.0	606.6	580.6	553.4	519.5
-45°	662.0	648.5	632.6	613.4	605.5	587.4	564.7	531.9	517.2	494.6	469.7
-47.5°	577.2	570.4	559.1	546.6	535.3	521.7	501.3	481.0	460.6	445.9	426.7
-50°	510.4	505.9	499.1	488.9	474.2	465.1	451.5	433.4	414.2	401.8	388.2
-52.5°	457.2	452.7	448.2	440.2	428.9	419.9	408.5	393.8	378.0	365.5	354.2
-55°	416.5	409.7	406.3	399.5	390.4	380.3	370.1	359.9	346.3	335.0	323.7
-57.5°	384.8	375.7	371.2	365.5	356.5	346.3	338.4	328.2	319.1	306.7	296.5
-60°	359.9	349.7	340.6	335.0	327.1	316.9	309.0	301.0	292.0	281.8	269.3
-62.5°	339.5	327.1	314.6	307.8	299.9	290.8	282.9	275.0	266.0	255.8	244.4
-65°	320.3	305.6	289.7	282.9	275.0	266.0	255.8	250.1	242.2	233.1	221.8
-67.5°	296.5	280.7	267.1	259.2	251.2	243.3	234.3	228.6	220.7	209.4	198.0
-70°	261.4	251.2	242.2	235.4	228.6	221.8	212.8	203.7	194.7	184.5	174.3
-72.5°	217.3	213.9	212.8	209.4	201.4	193.5	184.5	175.4	167.5	159.6	151.6
-75°	175.4	177.7	179.9	178.8	170.9	163.0	155.0	147.1	141.5	134.7	127.9
-77.5°	139.2	141.5	143.7	143.7	138.1	133.5	127.9	122.2	117.7	112.0	105.2
-80°	107.5	110.9	114.3	116.6	112.0	108.6	104.1	99.6	95.1	90.5	86.0
-82.5°	81.5	84.9	88.3	90.5	87.1	84.9	81.5	78.1	74.7	70.2	66.8
-85°	58.8	61.1	63.4	64.5	62.2	60.0	57.7	55.5	53.2	49.8	47.5
-87.5°	34.0	35.1	36.2	37.3	35.1	32.8	31.7	29.4	28.3	26.0	24.9
-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: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-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°	28.3	26.0	23.8	22.6	20.4	17.0	14.7	12.4	10.2	7.9	6.8
85°	60.0	54.3	47.5	44.1	39.6	35.1	30.6	26.0	21.5	17.0	12.4
82.5°	103.0	96.2	89.4	81.5	71.3	58.8	46.4	38.5	31.7	24.9	19.2
80°	155.0	142.6	131.3	121.1	109.8	93.9	77.0	61.1	43.0	32.8	24.9
77.5°	215.0	200.3	184.5	167.5	149.4	127.9	108.6	88.3	66.8	45.3	31.7
75°	282.9	263.7	242.2	218.4	194.7	166.4	139.2	115.4	90.5	63.4	38.5
72.5°	358.7	335.0	309.0	277.3	239.9	207.1	174.3	142.6	113.2	80.4	52.1
70°	456.1	418.7	380.3	346.3	298.8	246.7	208.2	172.0	134.7	98.5	65.6
67.5°	560.2	514.9	468.5	418.7	358.7	297.6	242.2	201.4	157.3	115.4	78.1
65°	673.4	616.8	557.9	502.5	419.9	347.4	285.2	229.7	178.8	131.3	90.5
62.5°	789.9	723.2	655.3	582.8	487.8	398.4	325.9	261.4	199.2	146.0	101.9
60°	914.4	836.3	753.7	663.2	552.3	453.8	364.4	294.2	220.7	160.7	114.3
57.5°	1045.7	960.8	863.5	741.3	619.0	507.0	408.5	323.7	239.9	174.3	123.4
55°	1188.3	1091.0	984.6	822.7	684.7	560.2	452.7	353.1	260.3	185.6	132.4
52.5°	1342.2	1229.0	1094.4	908.8	753.7	614.5	493.4	379.1	279.5	198.0	140.3
50°	1514.2	1371.6	1190.6	988.0	813.7	665.4	534.2	407.4	295.4	211.6	147.1
47.5°	1693.0	1539.1	1276.6	1061.5	874.8	715.2	576.0	432.3	311.2	222.9	153.9
45°	1879.8	1655.7	1366.0	1127.2	928.0	760.5	607.7	454.9	330.5	233.1	159.6
42.5°	2064.2	1744.0	1444.1	1192.8	977.8	801.2	633.8	476.4	346.3	243.3	165.2
40°	2151.4	1810.7	1506.3	1238.1	1019.7	837.5	656.4	495.7	359.9	250.1	170.9
37.5°	2187.6	1851.5	1547.0	1281.1	1052.5	856.7	675.6	512.7	371.2	256.9	175.4
35°	2195.5	1866.2	1567.4	1310.5	1079.6	874.8	690.3	525.1	380.3	263.7	179.9
32.5°	2180.8	1861.7	1573.1	1320.7	1096.6	888.4	700.5	534.2	387.0	270.5	184.5
30°	2148.0	1837.9	1552.7	1319.6	1109.1	896.3	707.3	541.0	393.8	275.0	186.7
27.5°	2094.8	1796.0	1526.7	1320.7	1115.9	899.7	710.7	544.3	398.4	278.4	191.3
25°	2029.1	1739.4	1527.8	1318.4	1117.0	900.8	710.7	544.3	399.5	279.5	194.7
22.5°	1953.3	1739.4	1527.8	1315.0	1110.2	898.6	707.3	542.1	399.5	281.8	198.0
20°	1957.8	1740.6	1524.4	1308.2	1100.0	891.8	699.4	536.4	396.1	285.2	200.3
17.5°	1961.2	1738.3	1517.6	1299.2	1086.4	880.5	689.2	528.5	396.1	288.6	201.4
15°	1961.2	1731.5	1507.4	1285.6	1069.5	864.6	674.5	521.7	397.2	289.7	203.7
12.5°	1957.8	1719.1	1491.6	1267.5	1049.1	845.4	665.4	519.5	397.2	290.8	203.7
10°	1951.1	1702.1	1471.2	1244.9	1029.8	838.6	660.9	514.9	395.0	290.8	203.7
7.5°	1938.6	1681.7	1454.2	1231.3	1018.5	830.7	654.1	508.1	391.6	288.6	206.0
5°	1919.4	1670.4	1440.7	1215.4	1002.7	825.0	649.6	502.5	389.3	288.6	203.7
2.5°	1894.5	1656.8	1424.8	1195.1	984.6	805.8	634.9	490.0	381.4	284.1	201.4
0°	1853.7	1629.7	1397.7	1166.8	959.7	786.5	620.2	477.6	373.5	279.5	199.2
-2.5°	1816.4	1593.4	1362.6	1137.4	935.9	769.6	608.9	470.8	370.1	278.4	198.0
-5°	1764.3	1543.6	1316.2	1098.9	904.2	752.6	597.5	462.9	366.7	276.1	198.0
-7.5°	1706.6	1491.6	1267.5	1059.3	872.5	723.2	576.0	450.4	358.7	271.6	196.9
-10°	1617.2	1413.5	1206.4	1014.0	838.6	697.1	557.9	439.1	352.0	267.1	192.4
-12.5°	1522.1	1327.5	1136.2	958.6	800.1	670.0	537.6	426.7	344.0	262.6	190.1
-15°	1421.4	1239.2	1062.7	900.8	758.2	637.1	516.1	413.1	336.1	256.9	186.7
-17.5°	1316.2	1146.4	986.8	842.0	716.4	603.2	493.4	400.6	327.1	251.2	183.3
-20°	1205.3	1051.4	909.9	782.0	672.2	569.2	469.7	385.9	316.9	244.4	178.8



REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1095.5	957.4	830.7	723.2	627.0	534.2	445.9	371.2	305.6	236.5	175.4
-25°	998.2	869.1	760.5	666.6	582.8	500.2	421.0	356.5	293.1	228.6	170.9
-27.5°	903.1	793.3	691.5	613.4	539.8	467.4	397.2	340.6	280.7	219.6	166.4
-30°	814.8	720.9	637.1	561.3	499.1	438.0	376.9	324.8	267.1	210.5	160.7
-32.5°	734.5	658.7	588.5	516.1	460.6	408.5	357.6	309.0	253.5	201.4	155.0
-35°	659.8	600.9	539.8	478.7	422.1	381.4	337.2	292.0	241.1	191.3	149.4
-37.5°	593.0	545.5	496.8	444.8	396.1	355.4	318.0	275.0	228.6	182.2	143.7
-40°	535.3	496.8	453.8	411.9	371.2	332.7	298.8	258.0	216.2	175.4	138.1
-42.5°	482.1	452.7	417.6	382.5	346.3	312.3	279.5	239.9	203.7	167.5	132.4
-45°	441.4	411.9	383.6	352.0	321.4	292.0	259.2	224.1	192.4	158.4	126.8
-47.5°	402.9	376.9	350.8	324.8	299.9	272.7	239.9	210.5	179.9	150.5	122.2
-50°	368.9	344.0	321.4	298.8	277.3	251.2	220.7	196.9	169.8	142.6	116.6
-52.5°	337.2	315.7	293.1	275.0	256.9	230.9	206.0	183.3	159.6	133.5	110.9
-55°	309.0	288.6	268.2	251.2	234.3	211.6	191.3	172.0	149.4	126.8	105.2
-57.5°	281.8	264.8	245.6	229.7	212.8	194.7	177.7	159.6	139.2	120.0	99.6
-60°	256.9	241.1	224.1	208.2	193.5	178.8	163.0	148.3	130.1	112.0	93.9
-62.5°	232.0	218.4	203.7	187.9	176.5	163.0	150.5	135.8	121.1	105.2	83.7
-65°	209.4	196.9	183.3	169.8	159.6	149.4	138.1	124.5	112.0	97.3	74.7
-67.5°	186.7	175.4	164.1	152.8	143.7	135.8	124.5	114.3	104.1	88.3	65.6
-70°	165.2	156.2	146.0	136.9	130.1	121.1	113.2	104.1	95.1	77.0	55.5
-72.5°	144.9	135.8	127.9	121.1	115.4	107.5	100.7	93.9	81.5	64.5	46.4
-75°	121.1	115.4	110.9	105.2	99.6	93.9	88.3	80.4	67.9	52.1	36.2
-77.5°	99.6	96.2	92.8	88.3	83.7	79.2	72.4	64.5	54.3	40.7	29.4
-80°	81.5	78.1	75.8	71.3	67.9	63.4	56.6	49.8	39.6	31.7	23.8
-82.5°	62.2	60.0	57.7	55.5	52.1	47.5	40.7	35.1	29.4	23.8	18.1
-85°	44.1	43.0	40.7	38.5	35.1	31.7	27.2	23.8	20.4	15.8	12.4
-87.5°	22.6	21.5	20.4	19.2	18.1	15.8	13.6	11.3	10.2	7.9	5.7
-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: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.5	3.4	1.1	0.0
85°	9.1	5.7	2.3	0.0
82.5°	13.6	9.1	3.4	0.0
80°	18.1	11.3	5.7	0.0
77.5°	22.6	13.6	6.8	0.0
75°	27.2	17.0	7.9	0.0
72.5°	30.6	19.2	9.1	0.0
70°	36.2	22.6	10.2	0.0
67.5°	45.3	24.9	11.3	0.0
65°	53.2	27.2	12.4	0.0
62.5°	62.2	29.4	13.6	0.0
60°	70.2	31.7	14.7	0.0
57.5°	78.1	37.3	15.8	0.0
55°	84.9	41.9	17.0	0.0
52.5°	92.8	46.4	18.1	0.0
50°	99.6	50.9	19.2	0.0
47.5°	105.2	55.5	19.2	0.0
45°	109.8	58.8	20.4	0.0
42.5°	113.2	62.2	21.5	0.0
40°	116.6	65.6	22.6	0.0
37.5°	120.0	69.0	22.6	0.0
35°	123.4	72.4	23.8	0.0
32.5°	126.8	75.8	23.8	0.0
30°	129.0	78.1	24.9	0.0
27.5°	132.4	80.4	24.9	0.0
25°	133.5	82.6	26.0	0.0
22.5°	135.8	83.7	26.0	0.0
20°	138.1	86.0	26.0	0.0
17.5°	139.2	87.1	27.2	0.0
15°	139.2	88.3	28.3	0.0
12.5°	140.3	89.4	28.3	0.0
10°	140.3	91.7	27.2	0.0
7.5°	142.6	90.5	27.2	0.0
5°	141.5	90.5	27.2	0.0
2.5°	140.3	89.4	27.2	0.0
0°	139.2	89.4	27.2	0.0
-2.5°	139.2	89.4	27.2	0.0
-5°	139.2	89.4	27.2	0.0
-7.5°	138.1	90.5	27.2	0.0
-10°	135.8	90.5	27.2	0.0
-12.5°	134.7	87.1	27.2	0.0
-15°	133.5	86.0	27.2	0.0
-17.5°	131.3	84.9	26.0	0.0
-20°	129.0	83.7	26.0	0.0



REPORT NUMBER: P722164
 CATALOG NUMBER: IFLD-S-SA2C-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	126.8	81.5	26.0	0.0
-25°	124.5	79.2	24.9	0.0
-27.5°	122.2	77.0	24.9	0.0
-30°	118.8	74.7	23.8	0.0
-32.5°	115.4	72.4	23.8	0.0
-35°	113.2	69.0	22.6	0.0
-37.5°	109.8	65.6	22.6	0.0
-40°	106.4	62.2	21.5	0.0
-42.5°	103.0	58.8	20.4	0.0
-45°	98.5	55.5	20.4	0.0
-47.5°	95.1	52.1	19.2	0.0
-50°	89.4	47.5	18.1	0.0
-52.5°	82.6	43.0	17.0	0.0
-55°	75.8	39.6	15.8	0.0
-57.5°	69.0	35.1	15.8	0.0
-60°	62.2	30.6	14.7	0.0
-62.5°	55.5	28.3	13.6	0.0
-65°	48.7	26.0	12.4	0.0
-67.5°	40.7	22.6	11.3	0.0
-70°	34.0	20.4	10.2	0.0
-72.5°	29.4	18.1	9.1	0.0
-75°	24.9	15.8	7.9	0.0
-77.5°	21.5	13.6	6.8	0.0
-80°	17.0	10.2	4.5	0.0
-82.5°	12.4	7.9	3.4	0.0
-85°	7.9	5.7	2.3	0.0
-87.5°	4.5	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)