

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: P722163

Luminaire Tested: **IFLD-S-SA2B-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722163
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-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

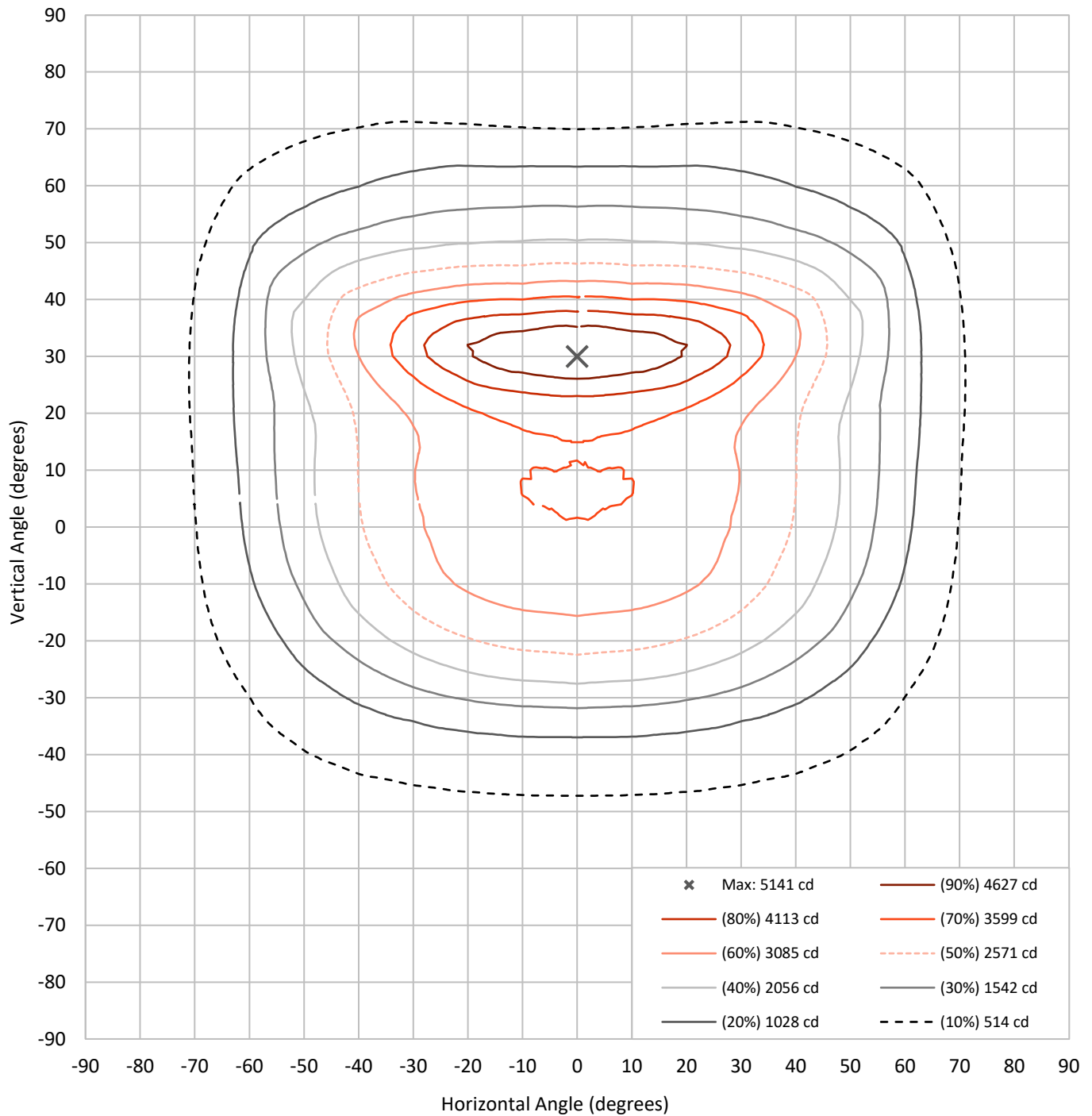
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8581.6 lumens	Max Intensity:	5141 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.1 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:	4990.3 lumens	Field Lumens:	8042.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	82.4		
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		



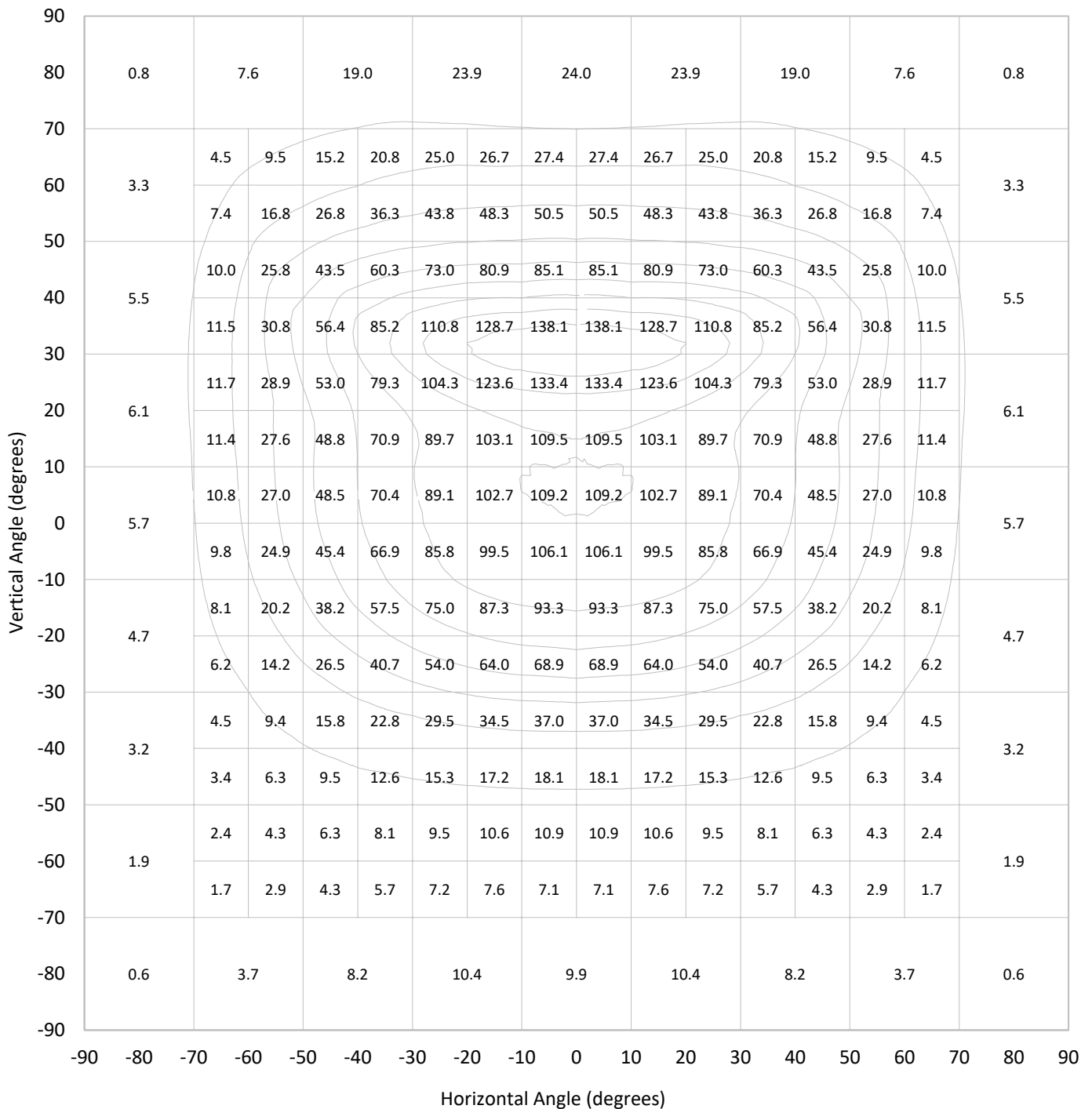
REPORT NUMBER: P722163
CATALOG NUMBER: IFLD-S-SA2B-827-U-76

Iso-Candela Plot



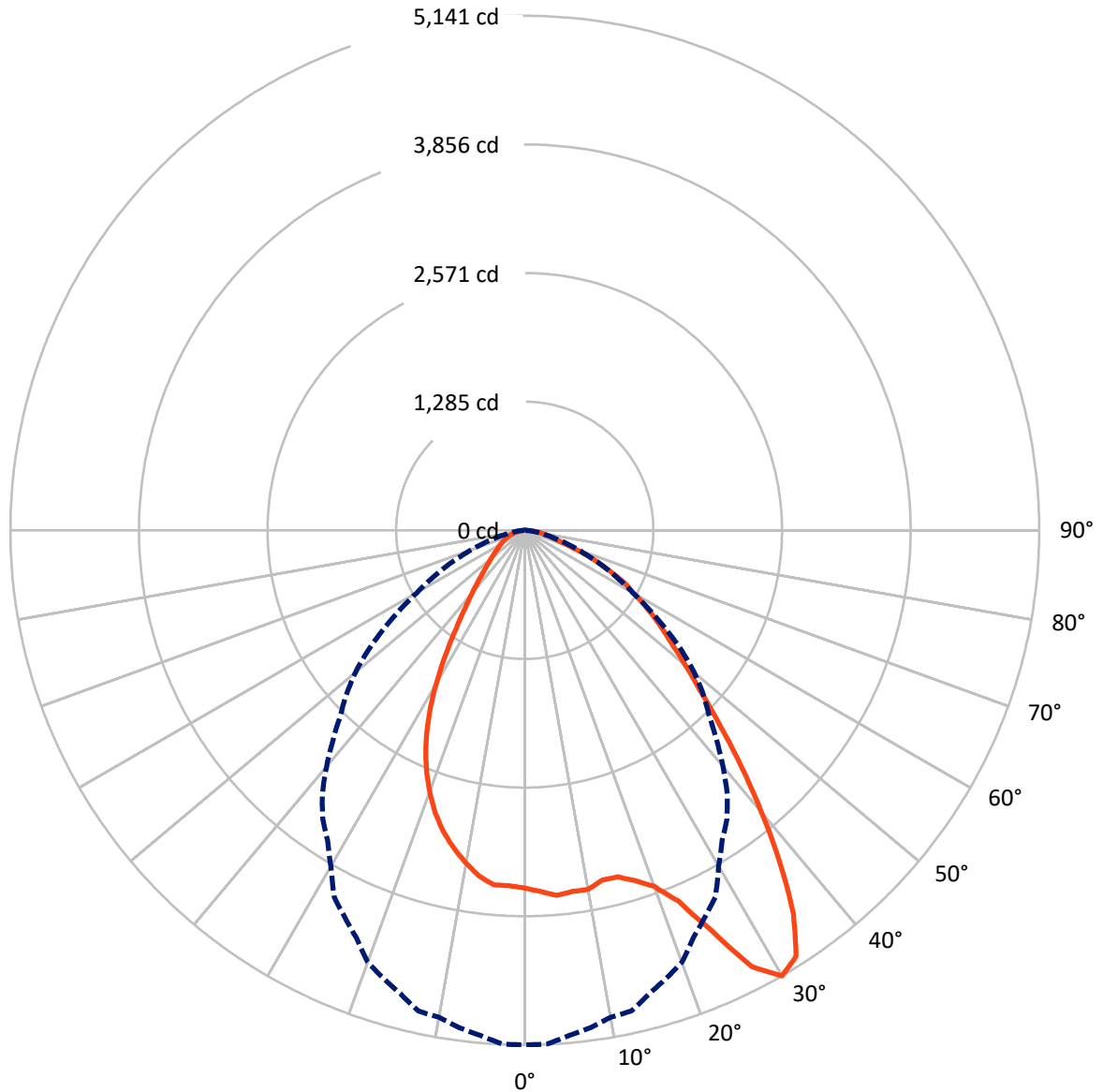
REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

Lumen Table



REPORT NUMBER: P722163
CATALOG NUMBER: IFLD-S-SA2B-827-U-76

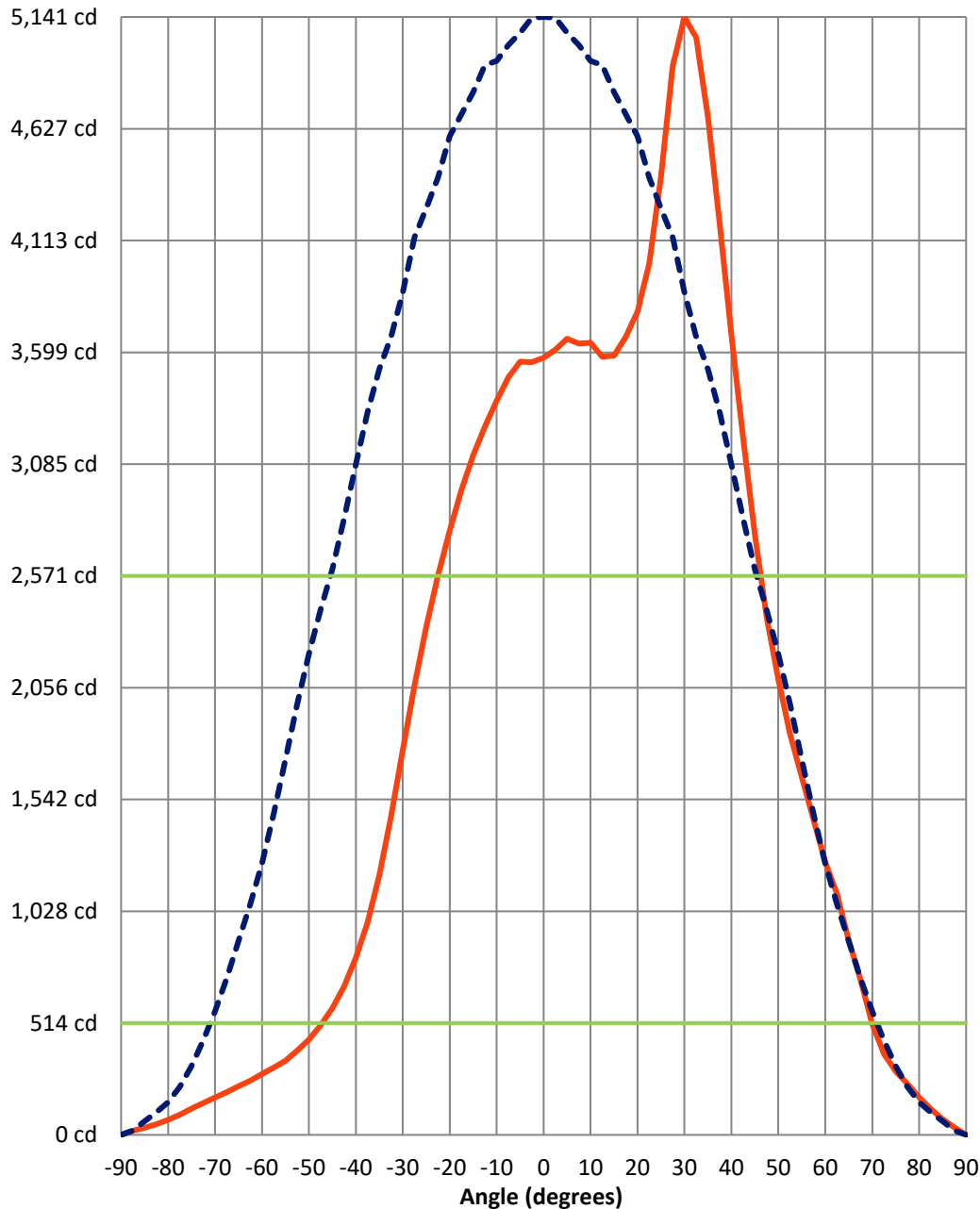
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 4990.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 8042.1
 Efficiency: 93.7%

Spill:
 Lumens: 539.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-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°	34.5	35.5	36.4	36.4	35.5	35.5	35.5	34.5	35.5	35.5	35.5
85°	71.8	73.6	75.5	74.5	73.6	71.8	70.0	70.9	71.8	72.7	72.7
82.5°	119.1	121.8	123.6	122.7	120.9	119.1	117.3	118.2	120.0	120.9	120.9
80°	172.7	173.6	174.5	176.4	173.6	173.6	172.7	176.4	178.2	180.0	181.8
77.5°	234.5	235.5	235.5	236.4	237.3	238.2	238.2	244.6	249.1	251.8	254.6
75°	292.7	295.5	298.2	300.9	304.6	306.4	309.1	318.2	325.5	330.9	336.4
72.5°	372.7	376.4	380.9	387.3	393.6	398.2	404.6	415.5	423.6	429.1	435.5
70°	510.0	513.6	518.2	522.7	529.1	533.6	540.0	553.6	561.8	565.5	569.1
67.5°	713.6	722.7	730.9	721.8	717.3	710.9	712.7	725.5	733.7	739.1	738.2
65°	894.6	900.9	900.9	900.0	896.4	888.2	892.7	908.2	917.3	921.8	908.2
62.5°	1107.3	1107.3	1102.7	1110.0	1110.9	1105.5	1102.7	1103.7	1104.6	1107.3	1084.6
60°	1254.6	1263.7	1266.4	1272.8	1274.6	1274.6	1279.1	1282.8	1282.8	1277.3	1250.9
57.5°	1449.1	1466.4	1470.0	1465.5	1456.4	1444.6	1442.8	1437.3	1426.4	1415.5	1402.8
55°	1645.5	1654.6	1653.7	1650.9	1641.8	1628.2	1630.0	1622.8	1605.5	1591.8	1574.6
52.5°	1842.8	1864.6	1868.2	1862.8	1850.0	1835.5	1836.4	1828.2	1810.9	1796.4	1772.8
50°	2094.6	2112.8	2110.9	2101.9	2083.7	2072.8	2073.7	2058.2	2038.2	2033.7	2002.8
47.5°	2382.8	2403.7	2400.0	2387.3	2362.8	2358.2	2362.8	2342.8	2331.0	2321.0	2284.6
45°	2761.0	2785.5	2771.9	2747.3	2708.2	2712.8	2719.1	2715.5	2690.1	2663.7	2617.3
42.5°	3204.6	3220.1	3203.7	3179.2	3130.1	3139.2	3135.5	3113.7	3098.2	3054.6	2995.5
40°	3679.2	3712.8	3687.3	3649.2	3598.2	3611.9	3601.9	3573.7	3537.3	3482.8	3408.2
37.5°	4191.0	4217.4	4188.3	4143.7	4098.3	4093.7	4073.7	4030.1	3978.3	3918.3	3799.2
35°	4681.0	4749.2	4695.5	4624.6	4569.2	4548.3	4529.2	4428.3	4369.2	4271.9	4109.2
32.5°	5045.5	5095.6	5029.2	4955.5	4888.3	4859.2	4791.9	4671.9	4640.1	4435.5	4286.4
30°	5141.0	5137.4	5068.3	5011.9	4939.2	4919.2	4795.5	4693.7	4591.9	4402.8	4261.0
27.5°	4913.7	4891.0	4824.6	4775.5	4703.7	4680.1	4558.3	4503.7	4346.4	4186.4	4066.4
25°	4407.4	4419.2	4369.2	4344.6	4297.4	4246.4	4198.3	4124.6	4026.4	3886.4	3776.4
22.5°	4008.3	4023.7	4002.8	3973.7	3937.3	3909.2	3872.8	3815.5	3721.0	3634.6	3531.0
20°	3786.4	3781.9	3763.7	3741.9	3707.3	3687.3	3647.3	3599.2	3526.4	3451.9	3340.1
17.5°	3670.1	3641.9	3624.6	3616.4	3598.2	3572.8	3525.5	3476.4	3420.1	3335.5	3253.7
15°	3583.7	3588.2	3574.6	3568.2	3553.7	3518.2	3470.1	3430.1	3353.7	3311.0	3236.4
12.5°	3578.2	3573.7	3574.6	3571.9	3553.7	3508.2	3483.7	3432.8	3383.7	3327.3	3241.9
10°	3642.8	3594.6	3598.2	3611.0	3581.9	3545.5	3519.2	3463.7	3417.3	3345.5	3261.0
7.5°	3639.2	3614.6	3621.9	3601.0	3610.1	3565.5	3529.2	3473.7	3415.5	3339.2	3262.8
5°	3661.0	3623.7	3617.3	3619.2	3596.4	3562.8	3513.7	3461.0	3406.4	3321.0	3242.8
2.5°	3611.0	3616.4	3587.3	3576.4	3573.7	3517.3	3471.9	3421.0	3364.6	3289.2	3219.2
0°	3573.7	3583.7	3553.7	3538.2	3537.3	3489.2	3460.1	3401.9	3361.9	3299.2	3214.6
-2.5°	3553.7	3565.5	3569.2	3541.0	3513.7	3476.4	3427.3	3364.6	3299.2	3226.4	3153.7
-5°	3555.5	3531.9	3521.9	3531.0	3507.3	3470.1	3415.5	3360.1	3295.5	3217.3	3126.4
-7.5°	3483.7	3460.1	3458.2	3453.7	3448.2	3412.8	3367.3	3307.3	3241.9	3169.2	3084.6
-10°	3376.4	3359.2	3354.6	3350.1	3335.5	3314.6	3271.9	3217.3	3158.2	3085.5	2995.5
-12.5°	3257.3	3249.2	3231.9	3220.1	3205.5	3181.0	3140.1	3090.1	3031.0	2966.4	2889.1
-15°	3125.5	3110.1	3092.8	3082.8	3061.9	3032.8	2991.9	2945.5	2881.0	2817.3	2744.6
-17.5°	2966.4	2947.3	2928.2	2925.5	2911.0	2866.4	2828.2	2771.9	2715.5	2654.6	2583.7
-20°	2779.1	2752.8	2740.1	2732.8	2712.8	2680.1	2639.1	2587.3	2532.8	2474.6	2392.8



REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2571.9	2549.1	2527.3	2513.7	2496.4	2471.0	2431.9	2386.4	2332.8	2267.3	2191.9
-25°	2336.4	2304.6	2291.0	2275.5	2266.4	2242.8	2204.6	2162.8	2107.3	2043.7	1971.9
-27.5°	2067.3	2041.9	2034.6	2012.8	2001.9	1977.3	1945.5	1906.4	1855.5	1795.5	1736.4
-30°	1770.0	1754.6	1742.8	1720.9	1712.8	1686.4	1665.5	1632.8	1586.4	1543.7	1496.4
-32.5°	1464.6	1449.1	1445.5	1435.5	1430.0	1412.8	1389.1	1365.5	1328.2	1296.4	1258.2
-35°	1193.7	1182.7	1183.7	1182.7	1177.3	1164.6	1135.5	1129.1	1101.8	1072.7	1048.2
-37.5°	977.3	978.2	977.3	976.4	969.1	963.7	942.7	934.6	918.2	890.0	875.5
-40°	814.6	816.4	815.5	813.7	805.5	802.7	789.1	778.2	771.8	751.8	736.4
-42.5°	682.7	685.5	684.6	683.6	678.2	677.3	670.0	657.3	653.6	641.8	625.5
-45°	582.7	581.8	580.0	581.8	579.1	576.4	571.8	563.6	559.1	553.6	540.0
-47.5°	503.6	504.6	502.7	502.7	499.1	496.4	494.6	489.1	485.5	480.9	472.7
-50°	438.2	441.8	440.9	440.0	437.3	435.5	435.5	430.0	424.6	422.7	417.3
-52.5°	387.3	390.0	390.9	392.7	393.6	394.6	391.8	386.4	377.3	376.4	373.6
-55°	340.9	349.1	354.6	358.2	361.8	364.6	359.1	351.8	342.7	339.1	338.2
-57.5°	309.1	317.3	323.6	329.1	333.6	338.2	332.7	325.5	317.3	312.7	311.8
-60°	280.0	287.3	293.6	300.9	307.3	314.6	311.8	306.4	301.8	298.2	294.6
-62.5°	249.1	256.4	263.6	272.7	280.9	288.2	289.1	288.2	287.3	288.2	281.8
-65°	223.6	227.3	231.8	241.8	250.9	259.1	263.6	266.4	270.9	275.5	269.1
-67.5°	196.4	200.9	206.4	213.6	220.9	226.4	232.7	240.0	247.3	254.6	250.0
-70°	171.8	175.5	180.0	183.6	188.2	191.8	197.3	205.5	213.6	220.9	219.1
-72.5°	146.4	150.0	152.7	154.5	157.3	159.1	161.8	169.1	174.5	178.2	178.2
-75°	120.9	124.5	127.3	128.2	130.0	130.9	132.7	135.5	138.2	139.1	140.0
-77.5°	92.7	96.4	99.1	100.9	102.7	104.5	105.5	107.3	108.2	108.2	109.1
-80°	69.1	71.8	73.6	76.4	77.3	79.1	80.9	81.8	82.7	82.7	83.6
-82.5°	49.1	50.9	52.7	54.5	56.4	57.3	59.1	60.0	60.9	61.8	62.7
-85°	32.7	34.5	36.4	38.2	39.1	40.0	40.9	41.8	42.7	43.6	44.5
-87.5°	19.1	20.0	20.9	22.7	23.6	25.5	26.4	25.5	26.4	26.4	26.4
-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: P722163
 CATALOG NUMBER: IFLD-S-SA2B-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°	35.5	35.5	35.5	35.5	34.5	32.7	31.8	30.0	28.2	26.4	24.5
85°	73.6	74.5	74.5	74.5	72.7	71.8	69.1	66.4	62.7	57.3	52.7
82.5°	122.7	123.6	123.6	122.7	120.9	118.2	114.5	110.0	102.7	95.5	89.1
80°	184.5	185.5	185.5	184.5	180.0	175.5	170.9	165.5	156.4	146.4	135.5
77.5°	258.2	260.0	260.0	257.3	250.9	245.5	238.2	229.1	215.5	200.9	186.4
75°	343.6	348.2	349.1	346.4	338.2	328.2	316.4	300.9	280.0	261.8	244.6
72.5°	442.7	447.3	450.9	447.3	435.5	421.8	404.6	386.4	365.5	340.9	311.8
70°	572.7	577.3	580.0	568.2	547.3	524.6	503.6	482.7	458.2	428.2	396.4
67.5°	736.4	731.8	726.4	702.7	676.4	649.1	620.0	589.1	557.3	525.5	488.2
65°	893.7	880.9	869.1	840.9	807.3	771.8	738.2	703.6	665.5	625.5	590.0
62.5°	1059.1	1031.8	1002.7	968.2	933.7	894.6	860.9	820.0	777.3	728.2	682.7
60°	1221.8	1189.1	1160.0	1117.3	1071.8	1019.1	982.7	942.7	892.7	840.0	786.4
57.5°	1379.1	1343.7	1311.8	1274.6	1225.5	1168.2	1128.2	1076.4	1023.7	957.3	902.7
55°	1546.4	1510.9	1485.5	1443.7	1390.0	1337.3	1293.7	1239.1	1165.5	1094.6	1027.3
52.5°	1738.2	1710.0	1682.8	1640.0	1575.5	1521.8	1473.7	1412.8	1335.5	1248.2	1167.3
50°	1952.8	1938.2	1909.1	1859.1	1785.5	1738.2	1674.6	1593.7	1510.9	1419.1	1318.2
47.5°	2237.3	2213.7	2172.8	2118.2	2056.4	1985.5	1900.0	1805.5	1688.2	1586.4	1479.1
45°	2577.3	2533.7	2481.0	2407.3	2331.0	2251.0	2157.3	2037.3	1880.0	1747.3	1634.6
42.5°	2945.5	2886.4	2814.6	2718.2	2619.1	2521.0	2420.0	2256.4	2060.0	1907.3	1780.0
40°	3330.1	3254.6	3164.6	3024.6	2914.6	2788.2	2672.8	2428.2	2219.1	2053.7	1918.2
37.5°	3706.4	3611.0	3460.1	3290.1	3161.9	3058.2	2804.6	2542.8	2355.5	2173.7	2036.4
35°	3994.6	3913.7	3647.3	3471.0	3361.0	3197.3	2880.1	2611.9	2413.7	2262.8	2049.1
32.5°	4165.5	3956.4	3722.8	3544.6	3453.7	3185.5	2885.5	2631.9	2441.0	2271.9	2016.4
30°	4127.4	3874.6	3670.1	3521.0	3323.7	3082.8	2834.6	2601.0	2415.5	2211.0	1980.0
27.5°	3897.3	3701.9	3519.2	3363.7	3170.1	2953.7	2724.6	2519.1	2346.4	2148.2	1930.0
25°	3637.3	3460.1	3324.6	3189.2	3005.5	2799.1	2597.3	2449.1	2275.5	2080.0	1864.6
22.5°	3398.2	3271.0	3164.6	3022.8	2843.7	2663.7	2538.2	2384.6	2206.4	2008.2	1797.3
20°	3245.5	3159.2	3037.3	2881.0	2740.1	2627.3	2488.2	2325.5	2141.9	1934.6	1740.0
17.5°	3171.9	3071.9	2936.4	2834.6	2726.4	2602.8	2447.3	2274.6	2079.1	1900.9	1746.4
15°	3133.7	3028.2	2939.1	2839.1	2717.3	2587.3	2414.6	2235.5	2079.1	1914.6	1750.9
12.5°	3141.9	3051.0	2953.7	2844.6	2713.7	2574.6	2418.2	2251.9	2090.0	1924.6	1751.9
10°	3167.3	3071.9	2968.2	2847.3	2715.5	2578.2	2428.2	2261.9	2095.5	1929.1	1750.0
7.5°	3176.4	3072.8	2961.9	2840.1	2711.0	2576.4	2430.0	2264.6	2096.4	1928.2	1744.6
5°	3148.2	3054.6	2947.3	2824.6	2698.2	2567.3	2422.8	2261.0	2089.1	1919.1	1730.9
2.5°	3110.1	3034.6	2931.9	2813.7	2685.5	2554.6	2411.0	2244.6	2072.8	1902.8	1713.7
0°	3103.7	3010.1	2906.4	2801.0	2664.6	2526.4	2383.7	2213.7	2042.8	1871.9	1683.7
-2.5°	3061.9	2962.8	2859.1	2744.6	2624.6	2485.5	2335.5	2169.1	2000.0	1831.9	1650.9
-5°	3030.1	2920.1	2810.1	2686.4	2565.5	2426.4	2271.0	2109.1	1943.7	1780.0	1605.5
-7.5°	2987.3	2874.6	2759.1	2630.0	2499.1	2357.3	2203.7	2041.9	1879.1	1716.4	1549.1
-10°	2901.0	2801.9	2693.7	2560.0	2421.9	2280.0	2127.3	1968.2	1805.5	1640.9	1472.8
-12.5°	2796.4	2691.9	2573.7	2451.0	2327.3	2195.5	2042.8	1886.4	1722.8	1557.3	1390.0
-15°	2661.0	2558.2	2437.3	2317.3	2198.2	2071.9	1937.3	1796.4	1630.0	1467.3	1300.0
-17.5°	2491.9	2395.5	2287.3	2172.8	2054.6	1927.3	1796.4	1677.3	1521.8	1369.1	1203.7
-20°	2310.0	2220.0	2122.8	2014.6	1896.4	1771.9	1648.2	1523.7	1389.1	1254.6	1100.9



REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-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°	2120.9	2030.0	1931.9	1830.9	1721.9	1606.4	1491.8	1372.8	1254.6	1132.7	1002.7
-25°	1902.8	1822.8	1732.8	1634.6	1537.3	1436.4	1327.3	1219.1	1118.2	1012.7	906.4
-27.5°	1674.6	1600.9	1519.1	1433.7	1350.0	1265.5	1170.9	1070.9	987.3	900.0	811.8
-30°	1434.6	1375.5	1309.1	1234.6	1170.0	1101.8	1022.7	940.0	863.7	797.3	726.4
-32.5°	1207.3	1157.3	1110.0	1060.9	997.3	944.6	890.0	829.1	761.8	699.1	648.2
-35°	1011.8	958.2	938.2	901.8	856.4	810.0	770.0	726.4	675.5	620.0	578.2
-37.5°	847.3	815.5	787.3	767.3	737.3	700.0	668.2	636.4	597.3	555.5	513.6
-40°	719.1	697.3	666.4	656.4	637.3	611.8	579.1	554.6	528.2	496.4	460.9
-42.5°	616.4	600.0	580.0	562.7	554.6	536.4	510.9	487.3	466.4	444.6	417.3
-45°	531.8	520.9	508.2	492.7	486.4	471.8	453.6	427.3	415.5	397.3	377.3
-47.5°	463.6	458.2	449.1	439.1	430.0	419.1	402.7	386.4	370.0	358.2	342.7
-50°	410.0	406.4	400.9	392.7	380.9	373.6	362.7	348.2	332.7	322.7	311.8
-52.5°	367.3	363.6	360.0	353.6	344.6	337.3	328.2	316.4	303.6	293.6	284.6
-55°	334.6	329.1	326.4	320.9	313.6	305.5	297.3	289.1	278.2	269.1	260.0
-57.5°	309.1	301.8	298.2	293.6	286.4	278.2	271.8	263.6	256.4	246.4	238.2
-60°	289.1	280.9	273.6	269.1	262.7	254.6	248.2	241.8	234.5	226.4	216.4
-62.5°	272.7	262.7	252.7	247.3	240.9	233.6	227.3	220.9	213.6	205.5	196.4
-65°	257.3	245.5	232.7	227.3	220.9	213.6	205.5	200.9	194.5	187.3	178.2
-67.5°	238.2	225.5	214.5	208.2	201.8	195.5	188.2	183.6	177.3	168.2	159.1
-70°	210.0	201.8	194.5	189.1	183.6	178.2	170.9	163.6	156.4	148.2	140.0
-72.5°	174.5	171.8	170.9	168.2	161.8	155.5	148.2	140.9	134.5	128.2	121.8
-75°	140.9	142.7	144.5	143.6	137.3	130.9	124.5	118.2	113.6	108.2	102.7
-77.5°	111.8	113.6	115.5	115.5	110.9	107.3	102.7	98.2	94.5	90.0	84.5
-80°	86.4	89.1	91.8	93.6	90.0	87.3	83.6	80.0	76.4	72.7	69.1
-82.5°	65.5	68.2	70.9	72.7	70.0	68.2	65.5	62.7	60.0	56.4	53.6
-85°	47.3	49.1	50.9	51.8	50.0	48.2	46.4	44.5	42.7	40.0	38.2
-87.5°	27.3	28.2	29.1	30.0	28.2	26.4	25.5	23.6	22.7	20.9	20.0
-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: P722163
 CATALOG NUMBER: IFLD-S-SA2B-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°	22.7	20.9	19.1	18.2	16.4	13.6	11.8	10.0	8.2	6.4	5.5
85°	48.2	43.6	38.2	35.5	31.8	28.2	24.5	20.9	17.3	13.6	10.0
82.5°	82.7	77.3	71.8	65.5	57.3	47.3	37.3	30.9	25.5	20.0	15.5
80°	124.5	114.5	105.5	97.3	88.2	75.5	61.8	49.1	34.5	26.4	20.0
77.5°	172.7	160.9	148.2	134.5	120.0	102.7	87.3	70.9	53.6	36.4	25.5
75°	227.3	211.8	194.5	175.5	156.4	133.6	111.8	92.7	72.7	50.9	30.9
72.5°	288.2	269.1	248.2	222.7	192.7	166.4	140.0	114.5	90.9	64.5	41.8
70°	366.4	336.4	305.5	278.2	240.0	198.2	167.3	138.2	108.2	79.1	52.7
67.5°	450.0	413.6	376.4	336.4	288.2	239.1	194.5	161.8	126.4	92.7	62.7
65°	540.9	495.5	448.2	403.6	337.3	279.1	229.1	184.5	143.6	105.5	72.7
62.5°	634.6	580.9	526.4	468.2	391.8	320.0	261.8	210.0	160.0	117.3	81.8
60°	734.6	671.8	605.5	532.7	443.6	364.6	292.7	236.4	177.3	129.1	91.8
57.5°	840.0	771.8	693.6	595.5	497.3	407.3	328.2	260.0	192.7	140.0	99.1
55°	954.6	876.4	790.9	660.9	550.0	450.0	363.6	283.6	209.1	149.1	106.4
52.5°	1078.2	987.3	879.1	730.0	605.5	493.6	396.4	304.6	224.5	159.1	112.7
50°	1216.4	1101.8	956.4	793.7	653.6	534.6	429.1	327.3	237.3	170.0	118.2
47.5°	1360.0	1236.4	1025.5	852.7	702.7	574.6	462.7	347.3	250.0	179.1	123.6
45°	1510.0	1330.0	1097.3	905.5	745.5	610.9	488.2	365.5	265.5	187.3	128.2
42.5°	1658.2	1400.9	1160.0	958.2	785.5	643.6	509.1	382.7	278.2	195.5	132.7
40°	1728.2	1454.6	1210.0	994.6	819.1	672.7	527.3	398.2	289.1	200.9	137.3
37.5°	1757.3	1487.3	1242.8	1029.1	845.5	688.2	542.7	411.8	298.2	206.4	140.9
35°	1763.7	1499.1	1259.1	1052.7	867.3	702.7	554.6	421.8	305.5	211.8	144.5
32.5°	1751.9	1495.5	1263.7	1060.9	880.9	713.6	562.7	429.1	310.9	217.3	148.2
30°	1725.5	1476.4	1247.3	1060.0	890.9	720.0	568.2	434.6	316.4	220.9	150.0
27.5°	1682.8	1442.8	1226.4	1060.9	896.4	722.7	570.9	437.3	320.0	223.6	153.6
25°	1630.0	1397.3	1227.3	1059.1	897.3	723.6	570.9	437.3	320.9	224.5	156.4
22.5°	1569.1	1397.3	1227.3	1056.4	891.8	721.8	568.2	435.5	320.9	226.4	159.1
20°	1572.8	1398.2	1224.6	1050.9	883.7	716.4	561.8	430.9	318.2	229.1	160.9
17.5°	1575.5	1396.4	1219.1	1043.7	872.7	707.3	553.6	424.6	318.2	231.8	161.8
15°	1575.5	1390.9	1210.9	1032.7	859.1	694.6	541.8	419.1	319.1	232.7	163.6
12.5°	1572.8	1380.9	1198.2	1018.2	842.7	679.1	534.6	417.3	319.1	233.6	163.6
10°	1567.3	1367.3	1181.8	1000.0	827.3	673.6	530.9	413.6	317.3	233.6	163.6
7.5°	1557.3	1350.9	1168.2	989.1	818.2	667.3	525.5	408.2	314.6	231.8	165.5
5°	1541.8	1341.8	1157.3	976.4	805.5	662.7	521.8	403.6	312.7	231.8	163.6
2.5°	1521.8	1330.9	1144.6	960.0	790.9	647.3	510.0	393.6	306.4	228.2	161.8
0°	1489.1	1309.1	1122.7	937.3	770.9	631.8	498.2	383.6	300.0	224.5	160.0
-2.5°	1459.1	1280.0	1094.6	913.7	751.8	618.2	489.1	378.2	297.3	223.6	159.1
-5°	1417.3	1240.0	1057.3	882.7	726.4	604.6	480.0	371.8	294.6	221.8	159.1
-7.5°	1370.9	1198.2	1018.2	850.9	700.9	580.9	462.7	361.8	288.2	218.2	158.2
-10°	1299.1	1135.5	969.1	814.6	673.6	560.0	448.2	352.7	282.7	214.5	154.5
-12.5°	1222.8	1066.4	912.7	770.0	642.7	538.2	431.8	342.7	276.4	210.9	152.7
-15°	1141.8	995.5	853.7	723.6	609.1	511.8	414.6	331.8	270.0	206.4	150.0
-17.5°	1057.3	920.9	792.7	676.4	575.5	484.6	396.4	321.8	262.7	201.8	147.3
-20°	968.2	844.6	730.9	628.2	540.0	457.3	377.3	310.0	254.6	196.4	143.6



REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	880.0	769.1	667.3	580.9	503.6	429.1	358.2	298.2	245.5	190.0	140.9
-25°	801.8	698.2	610.9	535.5	468.2	401.8	338.2	286.4	235.5	183.6	137.3
-27.5°	725.5	637.3	555.5	492.7	433.6	375.5	319.1	273.6	225.5	176.4	133.6
-30°	654.6	579.1	511.8	450.9	400.9	351.8	302.7	260.9	214.5	169.1	129.1
-32.5°	590.0	529.1	472.7	414.6	370.0	328.2	287.3	248.2	203.6	161.8	124.5
-35°	530.0	482.7	433.6	384.6	339.1	306.4	270.9	234.5	193.6	153.6	120.0
-37.5°	476.4	438.2	399.1	357.3	318.2	285.5	255.5	220.9	183.6	146.4	115.5
-40°	430.0	399.1	364.6	330.9	298.2	267.3	240.0	207.3	173.6	140.9	110.9
-42.5°	387.3	363.6	335.5	307.3	278.2	250.9	224.5	192.7	163.6	134.5	106.4
-45°	354.6	330.9	308.2	282.7	258.2	234.5	208.2	180.0	154.5	127.3	101.8
-47.5°	323.6	302.7	281.8	260.9	240.9	219.1	192.7	169.1	144.5	120.9	98.2
-50°	296.4	276.4	258.2	240.0	222.7	201.8	177.3	158.2	136.4	114.5	93.6
-52.5°	270.9	253.6	235.5	220.9	206.4	185.5	165.5	147.3	128.2	107.3	89.1
-55°	248.2	231.8	215.5	201.8	188.2	170.0	153.6	138.2	120.0	101.8	84.5
-57.5°	226.4	212.7	197.3	184.5	170.9	156.4	142.7	128.2	111.8	96.4	80.0
-60°	206.4	193.6	180.0	167.3	155.5	143.6	130.9	119.1	104.5	90.0	75.5
-62.5°	186.4	175.5	163.6	150.9	141.8	130.9	120.9	109.1	97.3	84.5	67.3
-65°	168.2	158.2	147.3	136.4	128.2	120.0	110.9	100.0	90.0	78.2	60.0
-67.5°	150.0	140.9	131.8	122.7	115.5	109.1	100.0	91.8	83.6	70.9	52.7
-70°	132.7	125.5	117.3	110.0	104.5	97.3	90.9	83.6	76.4	61.8	44.5
-72.5°	116.4	109.1	102.7	97.3	92.7	86.4	80.9	75.5	65.5	51.8	37.3
-75°	97.3	92.7	89.1	84.5	80.0	75.5	70.9	64.5	54.5	41.8	29.1
-77.5°	80.0	77.3	74.5	70.9	67.3	63.6	58.2	51.8	43.6	32.7	23.6
-80°	65.5	62.7	60.9	57.3	54.5	50.9	45.5	40.0	31.8	25.5	19.1
-82.5°	50.0	48.2	46.4	44.5	41.8	38.2	32.7	28.2	23.6	19.1	14.5
-85°	35.5	34.5	32.7	30.9	28.2	25.5	21.8	19.1	16.4	12.7	10.0
-87.5°	18.2	17.3	16.4	15.5	14.5	12.7	10.9	9.1	8.2	6.4	4.5
-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: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.6	2.7	0.9	0.0
85°	7.3	4.5	1.8	0.0
82.5°	10.9	7.3	2.7	0.0
80°	14.5	9.1	4.5	0.0
77.5°	18.2	10.9	5.5	0.0
75°	21.8	13.6	6.4	0.0
72.5°	24.5	15.5	7.3	0.0
70°	29.1	18.2	8.2	0.0
67.5°	36.4	20.0	9.1	0.0
65°	42.7	21.8	10.0	0.0
62.5°	50.0	23.6	10.9	0.0
60°	56.4	25.5	11.8	0.0
57.5°	62.7	30.0	12.7	0.0
55°	68.2	33.6	13.6	0.0
52.5°	74.5	37.3	14.5	0.0
50°	80.0	40.9	15.5	0.0
47.5°	84.5	44.5	15.5	0.0
45°	88.2	47.3	16.4	0.0
42.5°	90.9	50.0	17.3	0.0
40°	93.6	52.7	18.2	0.0
37.5°	96.4	55.5	18.2	0.0
35°	99.1	58.2	19.1	0.0
32.5°	101.8	60.9	19.1	0.0
30°	103.6	62.7	20.0	0.0
27.5°	106.4	64.5	20.0	0.0
25°	107.3	66.4	20.9	0.0
22.5°	109.1	67.3	20.9	0.0
20°	110.9	69.1	20.9	0.0
17.5°	111.8	70.0	21.8	0.0
15°	111.8	70.9	22.7	0.0
12.5°	112.7	71.8	22.7	0.0
10°	112.7	73.6	21.8	0.0
7.5°	114.5	72.7	21.8	0.0
5°	113.6	72.7	21.8	0.0
2.5°	112.7	71.8	21.8	0.0
0°	111.8	71.8	21.8	0.0
-2.5°	111.8	71.8	21.8	0.0
-5°	111.8	71.8	21.8	0.0
-7.5°	110.9	72.7	21.8	0.0
-10°	109.1	72.7	21.8	0.0
-12.5°	108.2	70.0	21.8	0.0
-15°	107.3	69.1	21.8	0.0
-17.5°	105.5	68.2	20.9	0.0
-20°	103.6	67.3	20.9	0.0



REPORT NUMBER: P722163
 CATALOG NUMBER: IFLD-S-SA2B-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	101.8	65.5	20.9	0.0
-25°	100.0	63.6	20.0	0.0
-27.5°	98.2	61.8	20.0	0.0
-30°	95.5	60.0	19.1	0.0
-32.5°	92.7	58.2	19.1	0.0
-35°	90.9	55.5	18.2	0.0
-37.5°	88.2	52.7	18.2	0.0
-40°	85.5	50.0	17.3	0.0
-42.5°	82.7	47.3	16.4	0.0
-45°	79.1	44.5	16.4	0.0
-47.5°	76.4	41.8	15.5	0.0
-50°	71.8	38.2	14.5	0.0
-52.5°	66.4	34.5	13.6	0.0
-55°	60.9	31.8	12.7	0.0
-57.5°	55.5	28.2	12.7	0.0
-60°	50.0	24.5	11.8	0.0
-62.5°	44.5	22.7	10.9	0.0
-65°	39.1	20.9	10.0	0.0
-67.5°	32.7	18.2	9.1	0.0
-70°	27.3	16.4	8.2	0.0
-72.5°	23.6	14.5	7.3	0.0
-75°	20.0	12.7	6.4	0.0
-77.5°	17.3	10.9	5.5	0.0
-80°	13.6	8.2	3.6	0.0
-82.5°	10.0	6.4	2.7	0.0
-85°	6.4	4.5	1.8	0.0
-87.5°	3.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)