

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: P722279

Luminaire Tested: **IFLD-S-SA2B-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722279  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2B-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

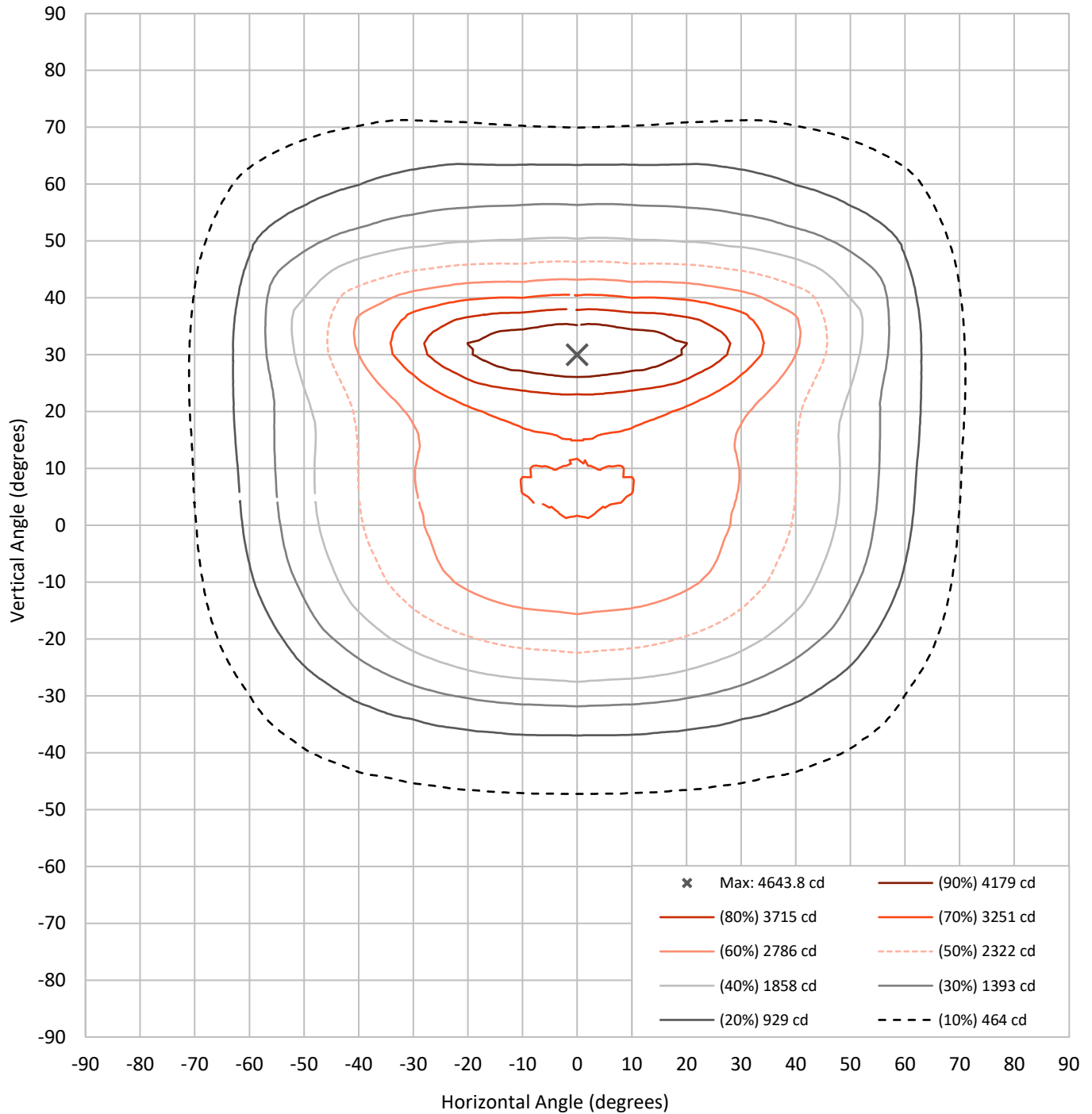
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	7751.6 lumens	Max Intensity:	4643.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	4507.6 lumens	Field Lumens:	7264.3 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: P722279  
CATALOG NUMBER: IFLD-S-SA2B-935-U-76

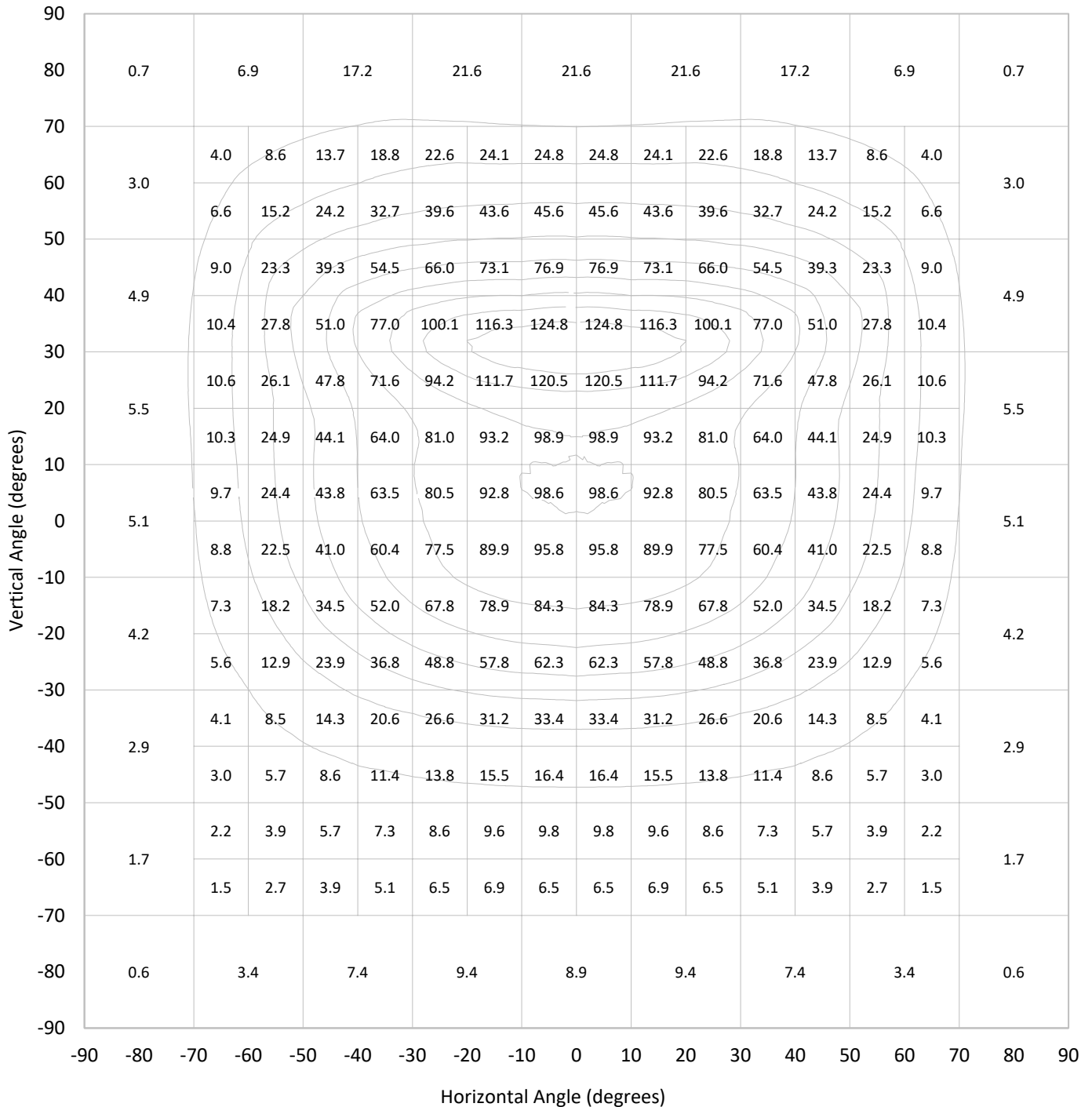
### Iso-Candela Plot





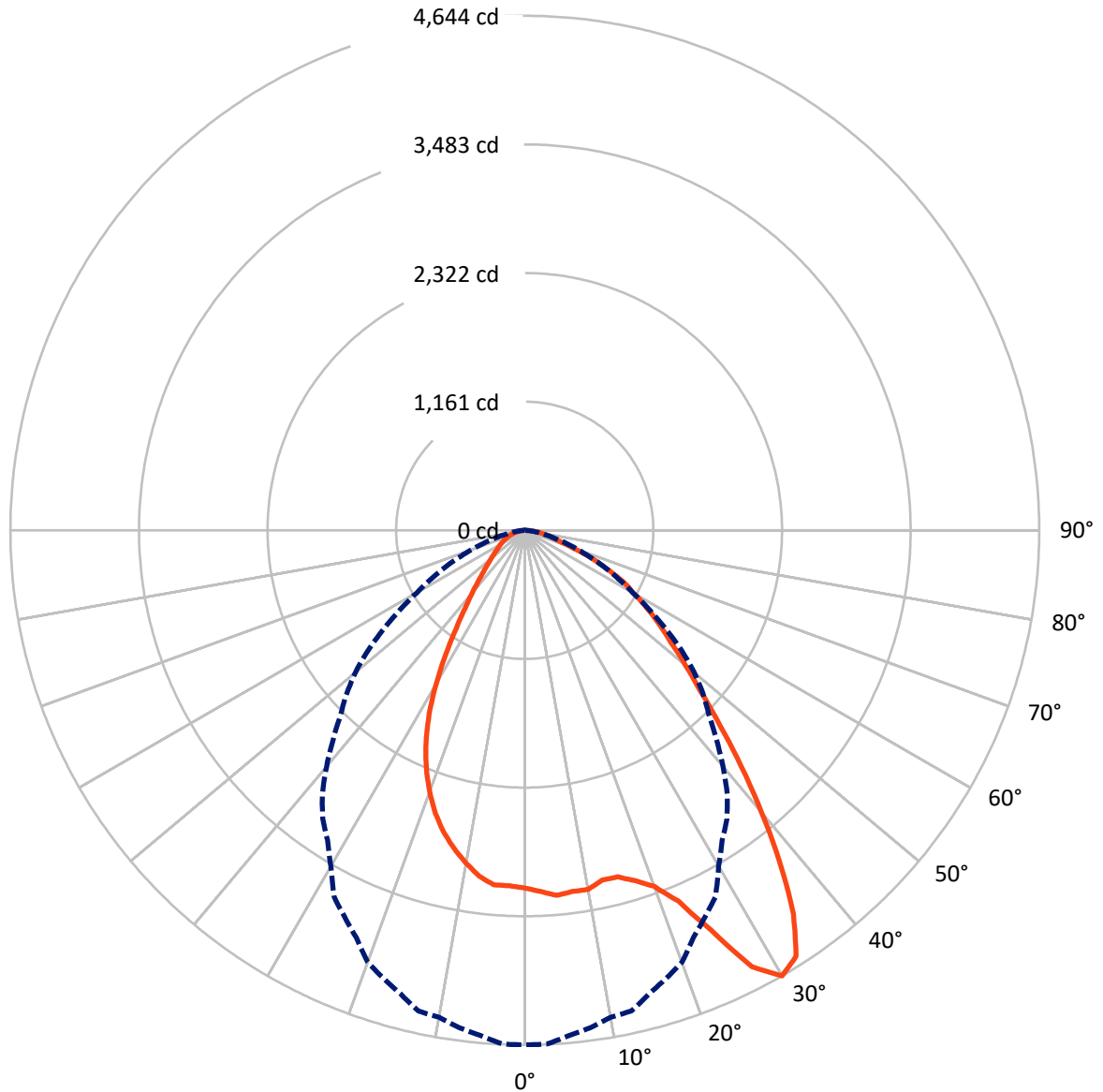
REPORT NUMBER: P722279  
 CATALOG NUMBER: IFLD-S-SA2B-935-U-76

### Lumen Table



REPORT NUMBER: P722279  
CATALOG NUMBER: IFLD-S-SA2B-935-U-76

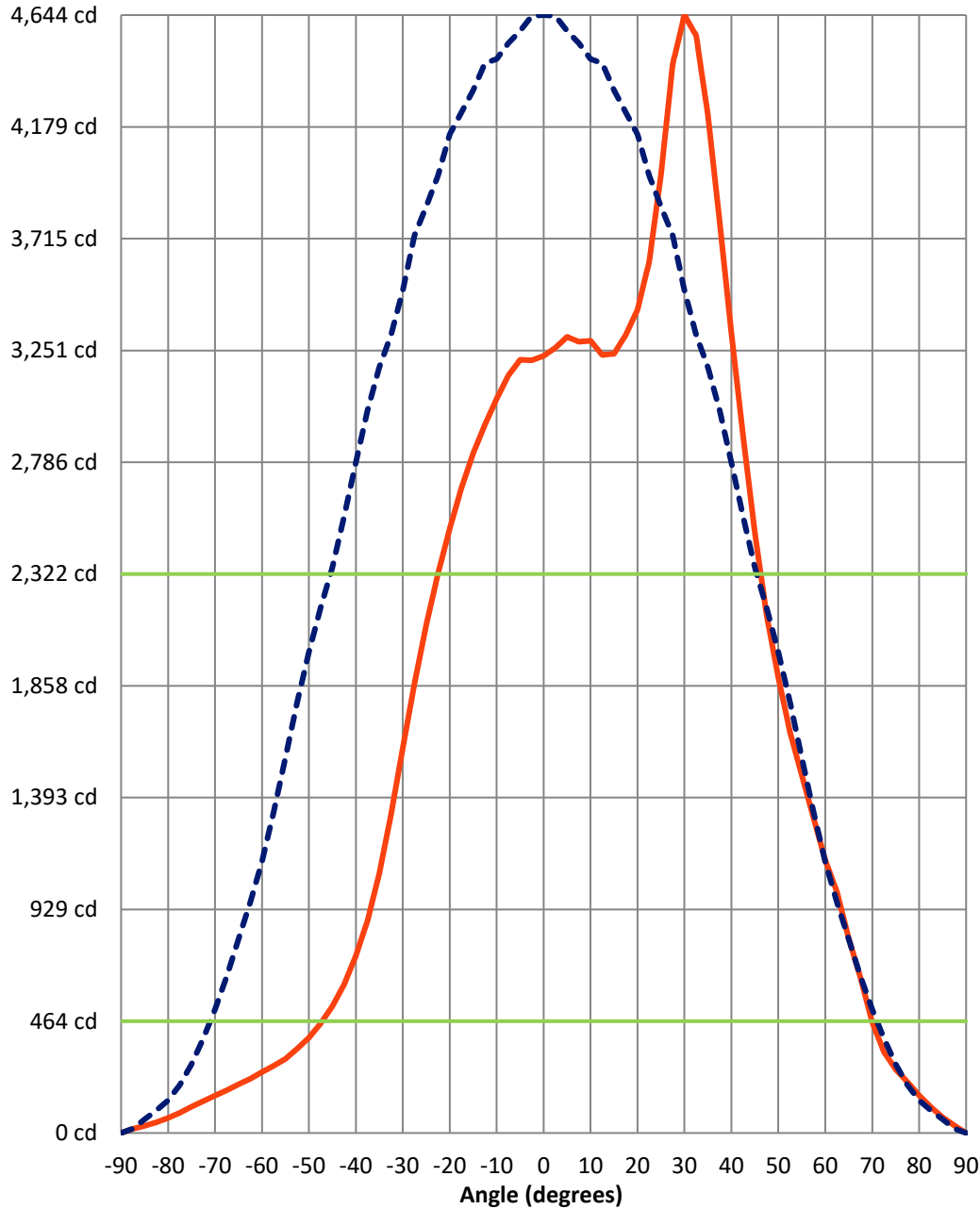
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722279  
 CATALOG NUMBER: IFLD-S-SA2B-935-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 4507.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 7264.3  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 487.3  
 Efficiency: 6.3%

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



REPORT NUMBER: P722279  
 CATALOG NUMBER: IFLD-S-SA2B-935-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°	31.2	32.0	32.8	32.8	32.0	32.0	32.0	31.2	32.0	32.0	32.0
85°	64.9	66.5	68.2	67.3	66.5	64.9	63.2	64.1	64.9	65.7	65.7
82.5°	107.6	110.0	111.7	110.9	109.2	107.6	105.9	106.8	108.4	109.2	109.2
80°	156.0	156.8	157.7	159.3	156.8	156.8	156.0	159.3	161.0	162.6	164.2
77.5°	211.9	212.7	212.7	213.5	214.3	215.1	215.1	220.9	225.0	227.5	229.9
75°	264.4	266.9	269.3	271.8	275.1	276.7	279.2	287.4	294.0	298.9	303.8
72.5°	336.7	340.0	344.1	349.8	355.6	359.7	365.4	375.3	382.7	387.6	393.3
70°	460.7	464.0	468.1	472.2	477.9	482.0	487.8	500.1	507.5	510.8	514.1
67.5°	644.6	652.8	660.2	652.0	647.9	642.2	643.8	655.3	662.7	667.6	666.8
65°	808.0	813.8	813.8	813.0	809.7	802.3	806.4	820.4	828.6	832.7	820.4
62.5°	1000.2	1000.2	996.1	1002.7	1003.5	998.6	996.1	996.9	997.7	1000.2	979.7
60°	1133.2	1141.4	1143.9	1149.6	1151.3	1151.3	1155.4	1158.7	1158.7	1153.8	1129.9
57.5°	1309.0	1324.6	1327.8	1323.7	1315.5	1304.9	1303.2	1298.3	1288.4	1278.6	1267.1
55°	1486.3	1494.5	1493.7	1491.3	1483.0	1470.7	1472.4	1465.8	1450.2	1437.9	1422.3
52.5°	1664.5	1684.2	1687.5	1682.6	1671.1	1658.0	1658.8	1651.4	1635.8	1622.6	1601.3
50°	1892.0	1908.4	1906.8	1898.6	1882.1	1872.3	1873.1	1859.1	1841.1	1837.0	1809.1
47.5°	2152.3	2171.2	2167.9	2156.4	2134.2	2130.1	2134.2	2116.2	2105.5	2096.5	2063.6
45°	2493.9	2516.1	2503.8	2481.6	2446.3	2450.4	2456.1	2452.9	2429.9	2406.1	2364.2
42.5°	2894.7	2908.6	2893.8	2871.7	2827.3	2835.5	2832.2	2812.5	2798.6	2759.2	2705.8
40°	3323.3	3353.7	3330.7	3296.2	3250.2	3262.5	3253.5	3228.0	3195.2	3145.9	3078.6
37.5°	3785.6	3809.4	3783.2	3742.9	3701.9	3697.8	3679.7	3640.3	3593.5	3539.3	3431.7
35°	4228.2	4289.8	4241.4	4177.3	4127.2	4108.4	4091.1	4000.0	3946.6	3858.7	3711.7
32.5°	4557.5	4602.7	4542.8	4476.2	4415.5	4389.2	4328.4	4220.0	4191.3	4006.5	3871.9
30°	4643.8	4640.5	4578.1	4527.2	4461.5	4443.4	4331.7	4239.7	4147.8	3977.0	3848.9
27.5°	4438.5	4417.9	4358.0	4313.6	4248.8	4227.4	4117.4	4068.1	3926.1	3781.5	3673.1
25°	3981.1	3991.7	3946.6	3924.4	3881.7	3835.7	3792.2	3725.7	3637.0	3510.5	3411.2
22.5°	3620.6	3634.5	3615.6	3589.4	3556.5	3531.1	3498.2	3446.5	3361.1	3283.1	3189.5
20°	3420.2	3416.1	3399.7	3380.0	3348.8	3330.7	3294.6	3251.0	3185.3	3118.0	3017.0
17.5°	3315.1	3289.6	3274.0	3266.6	3250.2	3227.2	3184.5	3140.2	3089.3	3012.9	2939.0
15°	3237.1	3241.2	3228.9	3223.1	3210.0	3178.0	3134.4	3098.3	3029.3	2990.7	2923.4
12.5°	3232.2	3228.0	3228.9	3226.4	3210.0	3168.9	3146.8	3100.8	3056.4	3005.5	2928.3
10°	3290.5	3246.9	3250.2	3261.7	3235.4	3202.6	3178.8	3128.7	3086.8	3021.9	2945.6
7.5°	3287.2	3265.0	3271.6	3252.7	3260.9	3220.7	3187.8	3137.7	3085.2	3016.2	2947.2
5°	3306.9	3273.2	3267.5	3269.1	3248.6	3218.2	3173.9	3126.2	3077.0	2999.8	2929.1
2.5°	3261.7	3266.6	3240.4	3230.5	3228.0	3177.1	3136.1	3090.1	3039.2	2971.0	2907.8
0°	3228.0	3237.1	3210.0	3196.0	3195.2	3151.7	3125.4	3072.8	3036.7	2980.1	2903.7
-2.5°	3210.0	3220.7	3223.9	3198.5	3173.9	3140.2	3095.8	3039.2	2980.1	2914.4	2848.7
-5°	3211.6	3190.3	3181.2	3189.5	3168.1	3134.4	3085.2	3035.1	2976.8	2906.1	2824.0
-7.5°	3146.8	3125.4	3123.8	3119.7	3114.7	3082.7	3041.6	2987.4	2928.3	2862.6	2786.3
-10°	3049.9	3034.3	3030.1	3026.0	3012.9	2994.0	2955.4	2906.1	2852.8	2787.1	2705.8
-12.5°	2942.3	2934.9	2919.3	2908.6	2895.5	2873.3	2836.3	2791.2	2737.8	2679.5	2609.7
-15°	2823.2	2809.2	2793.6	2784.6	2765.7	2739.4	2702.5	2660.6	2602.3	2544.8	2479.1
-17.5°	2679.5	2662.3	2645.0	2642.5	2629.4	2589.2	2554.7	2503.8	2452.9	2397.8	2333.8
-20°	2510.3	2486.5	2475.0	2468.5	2450.4	2420.8	2383.9	2337.1	2287.8	2235.2	2161.3



REPORT NUMBER: P722279

CATALOG NUMBER: IFLD-S-SA2B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2323.1	2302.6	2282.9	2270.6	2255.0	2232.0	2196.7	2155.6	2107.1	2048.0	1979.9
-25°	2110.4	2081.7	2069.4	2055.4	2047.2	2025.8	1991.4	1953.6	1903.5	1846.0	1781.1
-27.5°	1867.4	1844.4	1837.8	1818.1	1808.2	1786.1	1757.3	1722.0	1676.0	1621.8	1568.4
-30°	1598.8	1584.9	1574.2	1554.5	1547.1	1523.3	1504.4	1474.8	1433.0	1394.4	1351.7
-32.5°	1322.9	1309.0	1305.7	1296.6	1291.7	1276.1	1254.8	1233.4	1199.7	1171.0	1136.5
-35°	1078.2	1068.4	1069.2	1068.4	1063.4	1051.9	1025.7	1019.9	995.3	969.0	946.8
-37.5°	882.8	883.6	882.8	881.9	875.4	870.4	851.6	844.2	829.4	803.9	790.8
-40°	735.8	737.4	736.6	735.0	727.6	725.1	712.8	702.9	697.2	679.1	665.2
-42.5°	616.7	619.2	618.3	617.5	612.6	611.8	605.2	593.7	590.4	579.8	565.0
-45°	526.4	525.6	523.9	525.6	523.1	520.6	516.5	509.1	505.0	500.1	487.8
-47.5°	454.9	455.8	454.1	454.1	450.8	448.4	446.7	441.8	438.5	434.4	427.0
-50°	395.8	399.1	398.3	397.5	395.0	393.3	393.3	388.4	383.5	381.8	376.9
-52.5°	349.8	352.3	353.1	354.7	355.6	356.4	353.9	349.0	340.8	340.0	337.5
-55°	307.9	315.3	320.3	323.5	326.8	329.3	324.4	317.8	309.6	306.3	305.5
-57.5°	279.2	286.6	292.3	297.3	301.4	305.5	300.6	294.0	286.6	282.5	281.7
-60°	252.9	259.5	265.2	271.8	277.6	284.1	281.7	276.7	272.6	269.3	266.1
-62.5°	225.0	231.6	238.1	246.4	253.7	260.3	261.1	260.3	259.5	260.3	254.6
-65°	202.0	205.3	209.4	218.4	226.6	234.0	238.1	240.6	244.7	248.8	243.1
-67.5°	177.4	181.5	186.4	193.0	199.5	204.5	210.2	216.8	223.4	229.9	225.8
-70°	155.2	158.5	162.6	165.9	170.0	173.3	178.2	185.6	193.0	199.5	197.9
-72.5°	132.2	135.5	138.0	139.6	142.1	143.7	146.2	152.7	157.7	161.0	161.0
-75°	109.2	112.5	115.0	115.8	117.4	118.2	119.9	122.4	124.8	125.6	126.5
-77.5°	83.8	87.0	89.5	91.2	92.8	94.4	95.3	96.9	97.7	97.7	98.5
-80°	62.4	64.9	66.5	69.0	69.8	71.4	73.1	73.9	74.7	74.7	75.5
-82.5°	44.3	46.0	47.6	49.3	50.9	51.7	53.4	54.2	55.0	55.8	56.7
-85°	29.6	31.2	32.8	34.5	35.3	36.1	37.0	37.8	38.6	39.4	40.2
-87.5°	17.2	18.1	18.9	20.5	21.4	23.0	23.8	23.0	23.8	23.8	23.8
-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: P722279  
 CATALOG NUMBER: IFLD-S-SA2B-935-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°	32.0	32.0	32.0	32.0	31.2	29.6	28.7	27.1	25.5	23.8	22.2
85°	66.5	67.3	67.3	67.3	65.7	64.9	62.4	59.9	56.7	51.7	47.6
82.5°	110.9	111.7	111.7	110.9	109.2	106.8	103.5	99.4	92.8	86.2	80.5
80°	166.7	167.5	167.5	166.7	162.6	158.5	154.4	149.5	141.2	132.2	122.4
77.5°	233.2	234.9	234.9	232.4	226.6	221.7	215.1	206.9	194.6	181.5	168.3
75°	310.4	314.5	315.3	312.9	305.5	296.4	285.8	271.8	252.9	236.5	220.9
72.5°	399.9	404.0	407.3	404.0	393.3	381.0	365.4	349.0	330.1	307.9	281.7
70°	517.3	521.4	523.9	513.2	494.3	473.8	454.9	436.0	413.9	386.8	358.0
67.5°	665.2	661.0	656.1	634.8	611.0	586.3	560.0	532.1	503.4	474.6	441.0
65°	807.2	795.7	785.0	759.6	729.2	697.2	666.8	635.6	601.1	565.0	532.9
62.5°	956.7	932.0	905.8	874.6	843.3	808.0	777.7	740.7	702.1	657.8	616.7
60°	1103.7	1074.1	1047.8	1009.2	968.2	920.5	887.7	851.6	806.4	758.8	710.3
57.5°	1245.7	1213.7	1185.0	1151.3	1106.9	1055.2	1019.1	972.3	924.6	864.7	815.4
55°	1396.8	1364.8	1341.8	1304.0	1255.6	1208.0	1168.5	1119.3	1052.7	988.7	927.9
52.5°	1570.1	1544.6	1520.0	1481.4	1423.1	1374.7	1331.1	1276.1	1206.3	1127.5	1054.4
50°	1763.9	1750.8	1724.5	1679.3	1612.8	1570.1	1512.6	1439.5	1364.8	1281.9	1190.7
47.5°	2020.9	1999.6	1962.6	1913.3	1857.5	1793.5	1716.3	1630.9	1524.9	1433.0	1336.1
45°	2328.0	2288.6	2241.0	2174.5	2105.5	2033.2	1948.7	1840.3	1698.2	1578.3	1476.5
42.5°	2660.6	2607.2	2542.4	2455.3	2365.8	2277.1	2186.0	2038.2	1860.8	1722.8	1607.9
40°	3008.0	2939.8	2858.5	2732.1	2632.7	2518.6	2414.3	2193.4	2004.5	1855.0	1732.7
37.5°	3347.9	3261.7	3125.4	2971.8	2856.1	2762.4	2533.3	2296.8	2127.7	1963.4	1839.4
35°	3608.3	3535.2	3294.6	3135.3	3035.9	2888.1	2601.5	2359.2	2180.2	2043.9	1850.9
32.5°	3762.6	3573.8	3362.7	3201.8	3119.7	2877.4	2606.4	2377.3	2204.9	2052.1	1821.4
30°	3728.1	3499.9	3315.1	3180.4	3002.2	2784.6	2560.4	2349.4	2181.9	1997.1	1788.5
27.5°	3520.4	3343.8	3178.8	3038.4	2863.4	2668.0	2461.1	2275.5	2119.5	1940.4	1743.4
25°	3285.5	3125.4	3003.0	2880.7	2714.8	2528.4	2346.1	2212.3	2055.4	1878.9	1684.2
22.5°	3069.6	2954.6	2858.5	2730.4	2568.6	2406.1	2292.7	2153.9	1993.0	1814.0	1623.5
20°	2931.6	2853.6	2743.6	2602.3	2475.0	2373.2	2247.6	2100.6	1934.7	1747.5	1571.7
17.5°	2865.1	2774.8	2652.4	2560.4	2462.7	2351.0	2210.6	2054.6	1878.0	1717.1	1577.5
15°	2830.6	2735.3	2654.9	2564.5	2454.5	2337.1	2181.0	2019.3	1878.0	1729.4	1581.6
12.5°	2838.0	2755.9	2668.0	2569.5	2451.2	2325.6	2184.3	2034.1	1887.9	1738.4	1582.4
10°	2861.0	2774.8	2681.1	2571.9	2452.9	2328.9	2193.4	2043.1	1892.8	1742.5	1580.8
7.5°	2869.2	2775.6	2675.4	2565.4	2448.8	2327.2	2195.0	2045.6	1893.6	1741.7	1575.8
5°	2843.7	2759.2	2662.3	2551.4	2437.3	2319.0	2188.4	2042.3	1887.1	1733.5	1563.5
2.5°	2809.2	2741.1	2648.3	2541.5	2425.8	2307.5	2177.8	2027.5	1872.3	1718.7	1547.9
0°	2803.5	2718.9	2625.3	2530.0	2406.9	2282.1	2153.1	1999.6	1845.2	1690.8	1520.8
-2.5°	2765.7	2676.2	2582.6	2479.1	2370.7	2245.1	2109.6	1959.3	1806.6	1654.7	1491.3
-5°	2737.0	2637.6	2538.3	2426.6	2317.4	2191.7	2051.3	1905.1	1755.7	1607.9	1450.2
-7.5°	2698.4	2596.6	2492.3	2375.7	2257.4	2129.3	1990.5	1844.4	1697.4	1550.4	1399.3
-10°	2620.4	2530.9	2433.1	2312.4	2187.6	2059.5	1921.6	1777.8	1630.9	1482.2	1330.3
-12.5°	2525.9	2431.5	2324.8	2213.9	2102.2	1983.1	1845.2	1703.9	1556.1	1406.7	1255.6
-15°	2403.6	2310.8	2201.6	2093.2	1985.6	1871.5	1749.9	1622.6	1472.4	1325.4	1174.3
-17.5°	2250.8	2163.8	2066.1	1962.6	1855.9	1740.9	1622.6	1515.1	1374.7	1236.7	1087.2
-20°	2086.6	2005.3	1917.4	1819.7	1713.0	1600.5	1488.8	1376.3	1254.8	1133.2	994.4



REPORT NUMBER: P722279

CATALOG NUMBER: IFLD-S-SA2B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1915.8	1833.7	1745.0	1653.9	1555.3	1451.0	1347.6	1240.0	1133.2	1023.2	905.8
-25°	1718.7	1646.5	1565.2	1476.5	1388.6	1297.5	1198.9	1101.2	1010.0	914.8	818.7
-27.5°	1512.6	1446.1	1372.2	1295.0	1219.4	1143.1	1057.7	967.3	891.8	813.0	733.3
-30°	1295.8	1242.4	1182.5	1115.2	1056.9	995.3	923.8	849.1	780.1	720.2	656.1
-32.5°	1090.5	1045.4	1002.7	958.3	900.8	853.2	803.9	748.9	688.1	631.5	585.5
-35°	914.0	865.5	847.5	814.6	773.5	731.7	695.5	656.1	610.1	560.0	522.3
-37.5°	765.3	736.6	711.1	693.1	666.0	632.3	603.6	574.8	539.5	501.7	464.0
-40°	649.6	629.8	601.9	592.9	575.6	552.7	523.1	500.9	477.1	448.4	416.3
-42.5°	556.8	542.0	523.9	508.3	500.9	484.5	461.5	440.2	421.3	401.6	376.9
-45°	480.4	470.5	459.0	445.1	439.3	426.2	409.8	386.0	375.3	358.9	340.8
-47.5°	418.8	413.9	405.7	396.6	388.4	378.6	363.8	349.0	334.2	323.5	309.6
-50°	370.4	367.1	362.1	354.7	344.1	337.5	327.6	314.5	300.6	291.5	281.7
-52.5°	331.8	328.5	325.2	319.4	311.2	304.7	296.4	285.8	274.3	265.2	257.0
-55°	302.2	297.3	294.8	289.9	283.3	275.9	268.5	261.1	251.3	243.1	234.9
-57.5°	279.2	272.6	269.3	265.2	258.7	251.3	245.5	238.1	231.6	222.5	215.1
-60°	261.1	253.7	247.2	243.1	237.3	229.9	224.2	218.4	211.9	204.5	195.4
-62.5°	246.4	237.3	228.3	223.4	217.6	211.0	205.3	199.5	193.0	185.6	177.4
-65°	232.4	221.7	210.2	205.3	199.5	193.0	185.6	181.5	175.7	169.2	161.0
-67.5°	215.1	203.7	193.8	188.0	182.3	176.6	170.0	165.9	160.1	151.9	143.7
-70°	189.7	182.3	175.7	170.8	165.9	161.0	154.4	147.8	141.2	133.9	126.5
-72.5°	157.7	155.2	154.4	151.9	146.2	140.4	133.9	127.3	121.5	115.8	110.0
-75°	127.3	128.9	130.6	129.7	124.0	118.2	112.5	106.8	102.6	97.7	92.8
-77.5°	101.0	102.6	104.3	104.3	100.2	96.9	92.8	88.7	85.4	81.3	76.4
-80°	78.0	80.5	82.9	84.6	81.3	78.8	75.5	72.3	69.0	65.7	62.4
-82.5°	59.1	61.6	64.1	65.7	63.2	61.6	59.1	56.7	54.2	50.9	48.4
-85°	42.7	44.3	46.0	46.8	45.2	43.5	41.9	40.2	38.6	36.1	34.5
-87.5°	24.6	25.5	26.3	27.1	25.5	23.8	23.0	21.4	20.5	18.9	18.1
-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: P722279  
 CATALOG NUMBER: IFLD-S-SA2B-935-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°	20.5	18.9	17.2	16.4	14.8	12.3	10.7	9.0	7.4	5.7	4.9
85°	43.5	39.4	34.5	32.0	28.7	25.5	22.2	18.9	15.6	12.3	9.0
82.5°	74.7	69.8	64.9	59.1	51.7	42.7	33.7	27.9	23.0	18.1	14.0
80°	112.5	103.5	95.3	87.9	79.7	68.2	55.8	44.3	31.2	23.8	18.1
77.5°	156.0	145.3	133.9	121.5	108.4	92.8	78.8	64.1	48.4	32.8	23.0
75°	205.3	191.3	175.7	158.5	141.2	120.7	101.0	83.8	65.7	46.0	27.9
72.5°	260.3	243.1	224.2	201.2	174.1	150.3	126.5	103.5	82.1	58.3	37.8
70°	330.9	303.8	275.9	251.3	216.8	179.0	151.1	124.8	97.7	71.4	47.6
67.5°	406.5	373.6	340.0	303.8	260.3	216.0	175.7	146.2	114.1	83.8	56.7
65°	488.6	447.5	404.8	364.6	304.7	252.1	206.9	166.7	129.7	95.3	65.7
62.5°	573.2	524.7	475.5	422.9	353.9	289.1	236.5	189.7	144.5	105.9	73.9
60°	663.5	606.9	546.9	481.2	400.7	329.3	264.4	213.5	160.1	116.6	82.9
57.5°	758.8	697.2	626.6	537.9	449.2	367.9	296.4	234.9	174.1	126.5	89.5
55°	862.2	791.6	714.4	597.0	496.8	406.5	328.5	256.2	188.9	134.7	96.1
52.5°	973.9	891.8	794.1	659.4	546.9	445.9	358.0	275.1	202.8	143.7	101.8
50°	1098.7	995.3	863.9	716.9	590.4	482.9	387.6	295.6	214.3	153.6	106.8
47.5°	1228.5	1116.8	926.3	770.3	634.8	519.0	418.0	313.7	225.8	161.8	111.7
45°	1364.0	1201.4	991.2	817.9	673.4	551.8	441.0	330.1	239.8	169.2	115.8
42.5°	1497.8	1265.4	1047.8	865.5	709.5	581.4	459.9	345.7	251.3	176.6	119.9
40°	1561.1	1313.9	1093.0	898.4	739.9	607.7	476.3	359.7	261.1	181.5	124.0
37.5°	1587.3	1343.4	1122.5	929.6	763.7	621.6	490.2	372.0	269.3	186.4	127.3
35°	1593.1	1354.1	1137.3	950.9	783.4	634.8	500.9	381.0	275.9	191.3	130.6
32.5°	1582.4	1350.8	1141.4	958.3	795.7	644.6	508.3	387.6	280.8	196.3	133.9
30°	1558.6	1333.6	1126.7	957.5	804.8	650.4	513.2	392.5	285.8	199.5	135.5
27.5°	1520.0	1303.2	1107.8	958.3	809.7	652.8	515.7	395.0	289.1	202.0	138.8
25°	1472.4	1262.2	1108.6	956.7	810.5	653.7	515.7	395.0	289.9	202.8	141.2
22.5°	1417.4	1262.2	1108.6	954.2	805.6	652.0	513.2	393.3	289.9	204.5	143.7
20°	1420.6	1263.0	1106.1	949.3	798.2	647.1	507.5	389.2	287.4	206.9	145.3
17.5°	1423.1	1261.3	1101.2	942.7	788.3	638.9	500.1	383.5	287.4	209.4	146.2
15°	1423.1	1256.4	1093.8	932.9	776.0	627.4	489.4	378.6	288.2	210.2	147.8
12.5°	1420.6	1247.4	1082.3	919.7	761.2	613.4	482.9	376.9	288.2	211.0	147.8
10°	1415.7	1235.1	1067.5	903.3	747.3	608.5	479.6	373.6	286.6	211.0	147.8
7.5°	1406.7	1220.3	1055.2	893.4	739.1	602.7	474.6	368.7	284.1	209.4	149.5
5°	1392.7	1212.1	1045.4	881.9	727.6	598.6	471.4	364.6	282.5	209.4	147.8
2.5°	1374.7	1202.2	1033.9	867.2	714.4	584.7	460.7	355.6	276.7	206.1	146.2
0°	1345.1	1182.5	1014.2	846.6	696.4	570.7	450.0	346.5	271.0	202.8	144.5
-2.5°	1318.0	1156.2	988.7	825.3	679.1	558.4	441.8	341.6	268.5	202.0	143.7
-5°	1280.2	1120.1	955.0	797.4	656.1	546.1	433.6	335.9	266.1	200.4	143.7
-7.5°	1238.3	1082.3	919.7	768.6	633.1	524.7	418.0	326.8	260.3	197.1	142.9
-10°	1173.5	1025.7	875.4	735.8	608.5	505.8	404.8	318.6	255.4	193.8	139.6
-12.5°	1104.5	963.2	824.5	695.5	580.6	486.1	390.1	309.6	249.6	190.5	138.0
-15°	1031.4	899.2	771.1	653.7	550.2	462.3	374.5	299.7	243.9	186.4	135.5
-17.5°	955.0	831.9	716.1	611.0	519.8	437.7	358.0	290.7	237.3	182.3	133.0
-20°	874.6	762.9	660.2	567.4	487.8	413.1	340.8	280.0	229.9	177.4	129.7



REPORT NUMBER: P722279

CATALOG NUMBER: IFLD-S-SA2B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	794.9	694.7	602.7	524.7	454.9	387.6	323.5	269.3	221.7	171.6	127.3
-25°	724.3	630.7	551.8	483.7	422.9	363.0	305.5	258.7	212.7	165.9	124.0
-27.5°	655.3	575.6	501.7	445.1	391.7	339.1	288.2	247.2	203.7	159.3	120.7
-30°	591.2	523.1	462.3	407.3	362.1	317.8	273.5	235.7	193.8	152.7	116.6
-32.5°	532.9	477.9	427.0	374.5	334.2	296.4	259.5	224.2	183.9	146.2	112.5
-35°	478.7	436.0	391.7	347.4	306.3	276.7	244.7	211.9	174.9	138.8	108.4
-37.5°	430.3	395.8	360.5	322.7	287.4	257.8	230.8	199.5	165.9	132.2	104.3
-40°	388.4	360.5	329.3	298.9	269.3	241.4	216.8	187.2	156.8	127.3	100.2
-42.5°	349.8	328.5	303.0	277.6	251.3	226.6	202.8	174.1	147.8	121.5	96.1
-45°	320.3	298.9	278.4	255.4	233.2	211.9	188.0	162.6	139.6	115.0	92.0
-47.5°	292.3	273.5	254.6	235.7	217.6	197.9	174.1	152.7	130.6	109.2	88.7
-50°	267.7	249.6	233.2	216.8	201.2	182.3	160.1	142.9	123.2	103.5	84.6
-52.5°	244.7	229.1	212.7	199.5	186.4	167.5	149.5	133.0	115.8	96.9	80.5
-55°	224.2	209.4	194.6	182.3	170.0	153.6	138.8	124.8	108.4	92.0	76.4
-57.5°	204.5	192.2	178.2	166.7	154.4	141.2	128.9	115.8	101.0	87.0	72.3
-60°	186.4	174.9	162.6	151.1	140.4	129.7	118.2	107.6	94.4	81.3	68.2
-62.5°	168.3	158.5	147.8	136.3	128.1	118.2	109.2	98.5	87.9	76.4	60.8
-65°	151.9	142.9	133.0	123.2	115.8	108.4	100.2	90.3	81.3	70.6	54.2
-67.5°	135.5	127.3	119.1	110.9	104.3	98.5	90.3	82.9	75.5	64.1	47.6
-70°	119.9	113.3	105.9	99.4	94.4	87.9	82.1	75.5	69.0	55.8	40.2
-72.5°	105.1	98.5	92.8	87.9	83.8	78.0	73.1	68.2	59.1	46.8	33.7
-75°	87.9	83.8	80.5	76.4	72.3	68.2	64.1	58.3	49.3	37.8	26.3
-77.5°	72.3	69.8	67.3	64.1	60.8	57.5	52.6	46.8	39.4	29.6	21.4
-80°	59.1	56.7	55.0	51.7	49.3	46.0	41.1	36.1	28.7	23.0	17.2
-82.5°	45.2	43.5	41.9	40.2	37.8	34.5	29.6	25.5	21.4	17.2	13.1
-85°	32.0	31.2	29.6	27.9	25.5	23.0	19.7	17.2	14.8	11.5	9.0
-87.5°	16.4	15.6	14.8	14.0	13.1	11.5	9.9	8.2	7.4	5.7	4.1
-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: P722279

CATALOG NUMBER: IFLD-S-SA2B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.3	2.5	0.8	0.0
85°	6.6	4.1	1.6	0.0
82.5°	9.9	6.6	2.5	0.0
80°	13.1	8.2	4.1	0.0
77.5°	16.4	9.9	4.9	0.0
75°	19.7	12.3	5.7	0.0
72.5°	22.2	14.0	6.6	0.0
70°	26.3	16.4	7.4	0.0
67.5°	32.8	18.1	8.2	0.0
65°	38.6	19.7	9.0	0.0
62.5°	45.2	21.4	9.9	0.0
60°	50.9	23.0	10.7	0.0
57.5°	56.7	27.1	11.5	0.0
55°	61.6	30.4	12.3	0.0
52.5°	67.3	33.7	13.1	0.0
50°	72.3	37.0	14.0	0.0
47.5°	76.4	40.2	14.0	0.0
45°	79.7	42.7	14.8	0.0
42.5°	82.1	45.2	15.6	0.0
40°	84.6	47.6	16.4	0.0
37.5°	87.0	50.1	16.4	0.0
35°	89.5	52.6	17.2	0.0
32.5°	92.0	55.0	17.2	0.0
30°	93.6	56.7	18.1	0.0
27.5°	96.1	58.3	18.1	0.0
25°	96.9	59.9	18.9	0.0
22.5°	98.5	60.8	18.9	0.0
20°	100.2	62.4	18.9	0.0
17.5°	101.0	63.2	19.7	0.0
15°	101.0	64.1	20.5	0.0
12.5°	101.8	64.9	20.5	0.0
10°	101.8	66.5	19.7	0.0
7.5°	103.5	65.7	19.7	0.0
5°	102.6	65.7	19.7	0.0
2.5°	101.8	64.9	19.7	0.0
0°	101.0	64.9	19.7	0.0
-2.5°	101.0	64.9	19.7	0.0
-5°	101.0	64.9	19.7	0.0
-7.5°	100.2	65.7	19.7	0.0
-10°	98.5	65.7	19.7	0.0
-12.5°	97.7	63.2	19.7	0.0
-15°	96.9	62.4	19.7	0.0
-17.5°	95.3	61.6	18.9	0.0
-20°	93.6	60.8	18.9	0.0



REPORT NUMBER: P722279

CATALOG NUMBER: IFLD-S-SA2B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	92.0	59.1	18.9	0.0
-25°	90.3	57.5	18.1	0.0
-27.5°	88.7	55.8	18.1	0.0
-30°	86.2	54.2	17.2	0.0
-32.5°	83.8	52.6	17.2	0.0
-35°	82.1	50.1	16.4	0.0
-37.5°	79.7	47.6	16.4	0.0
-40°	77.2	45.2	15.6	0.0
-42.5°	74.7	42.7	14.8	0.0
-45°	71.4	40.2	14.8	0.0
-47.5°	69.0	37.8	14.0	0.0
-50°	64.9	34.5	13.1	0.0
-52.5°	59.9	31.2	12.3	0.0
-55°	55.0	28.7	11.5	0.0
-57.5°	50.1	25.5	11.5	0.0
-60°	45.2	22.2	10.7	0.0
-62.5°	40.2	20.5	9.9	0.0
-65°	35.3	18.9	9.0	0.0
-67.5°	29.6	16.4	8.2	0.0
-70°	24.6	14.8	7.4	0.0
-72.5°	21.4	13.1	6.6	0.0
-75°	18.1	11.5	5.7	0.0
-77.5°	15.6	9.9	4.9	0.0
-80°	12.3	7.4	3.3	0.0
-82.5°	9.0	5.7	2.5	0.0
-85°	5.7	4.1	1.6	0.0
-87.5°	3.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)