

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: P722307

Luminaire Tested: **IFLD-S-SA2A-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722307
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

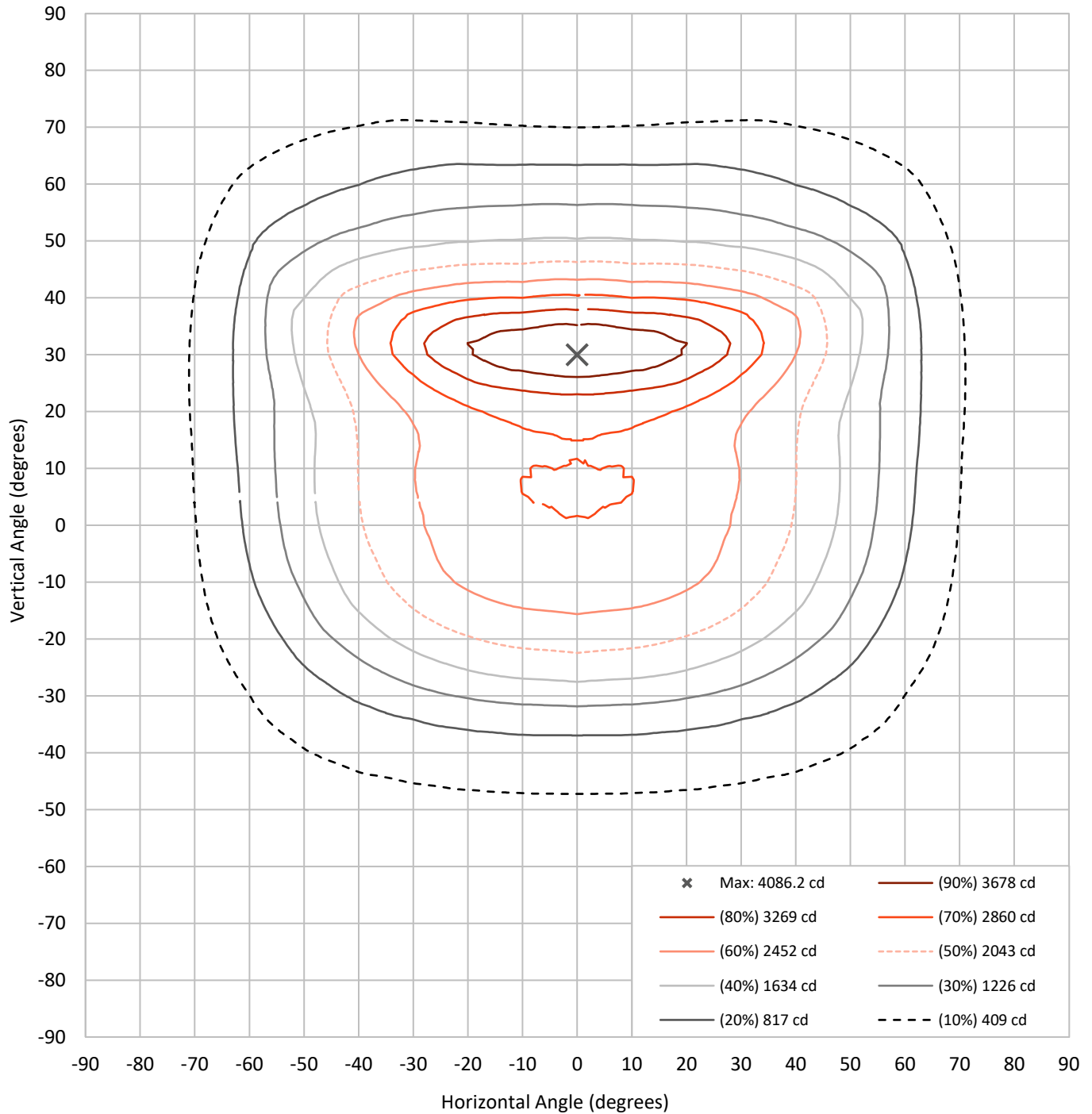
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	6821 lumens	Max Intensity:	4086.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	3966.5 lumens	Field Lumens:	6392.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 63.8
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: P722307
CATALOG NUMBER: IFLD-S-SA2A-940-U-76

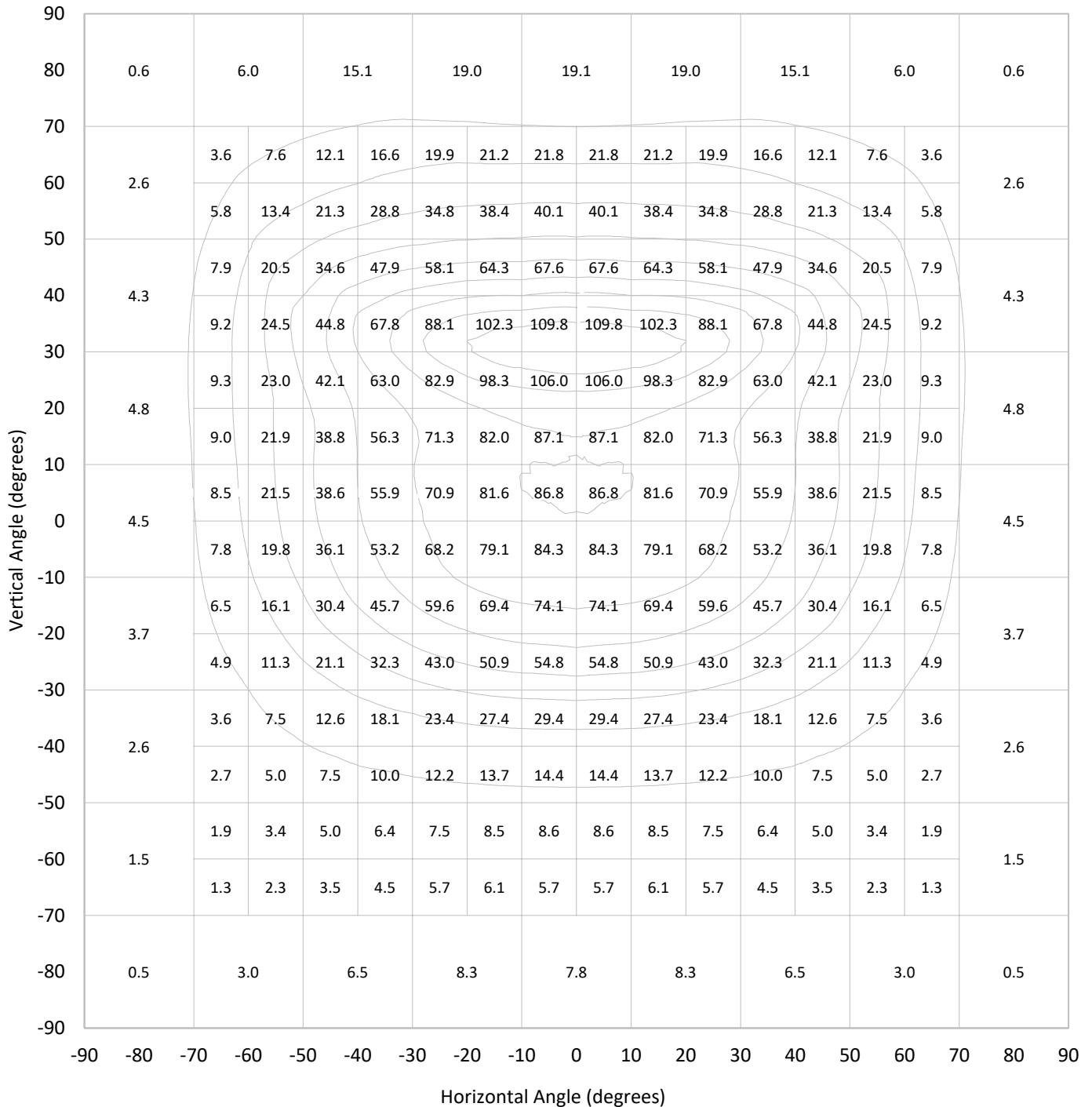
Iso-Candela Plot





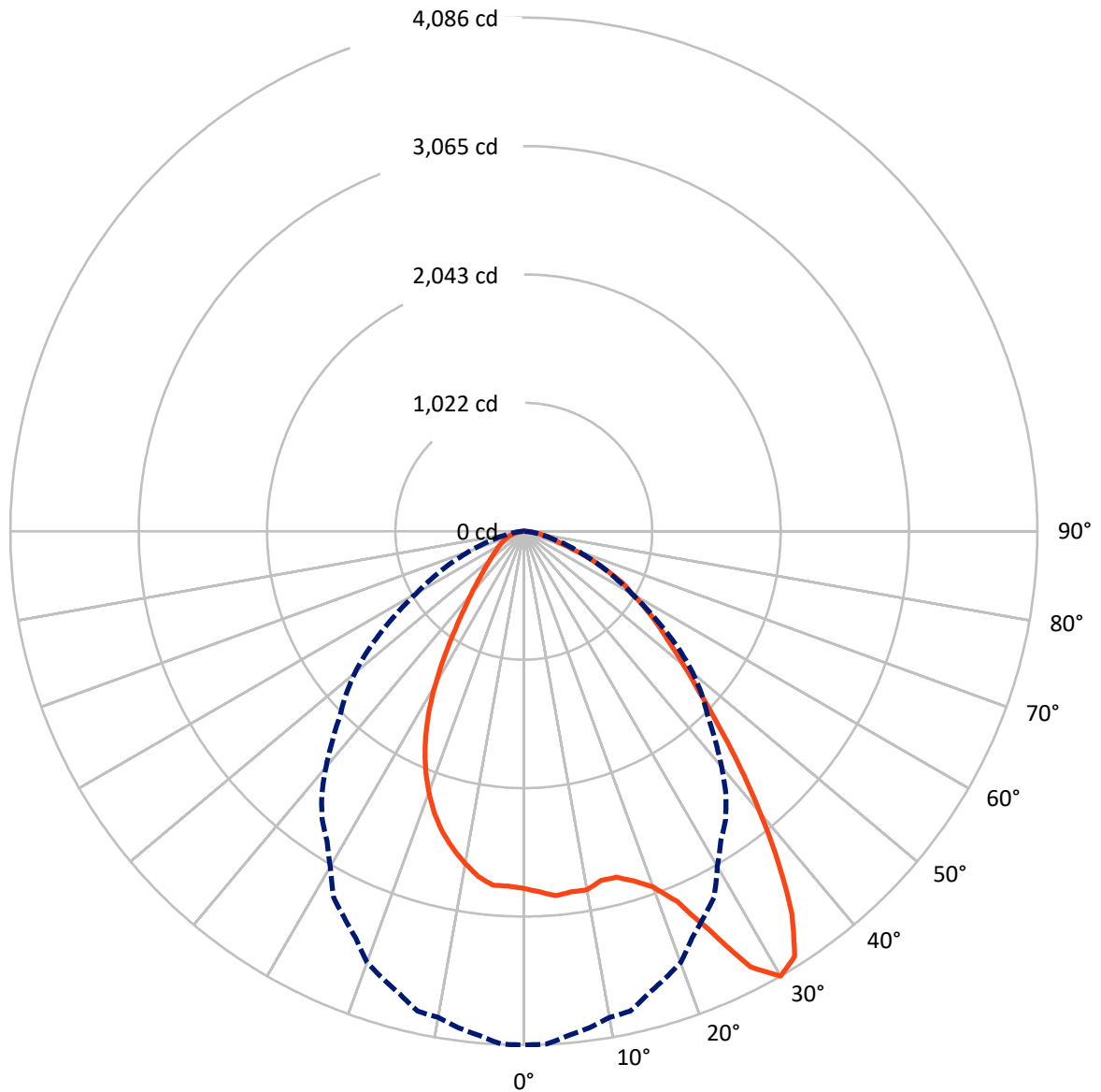
REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

Lumen Table



REPORT NUMBER: P722307
CATALOG NUMBER: IFLD-S-SA2A-940-U-76

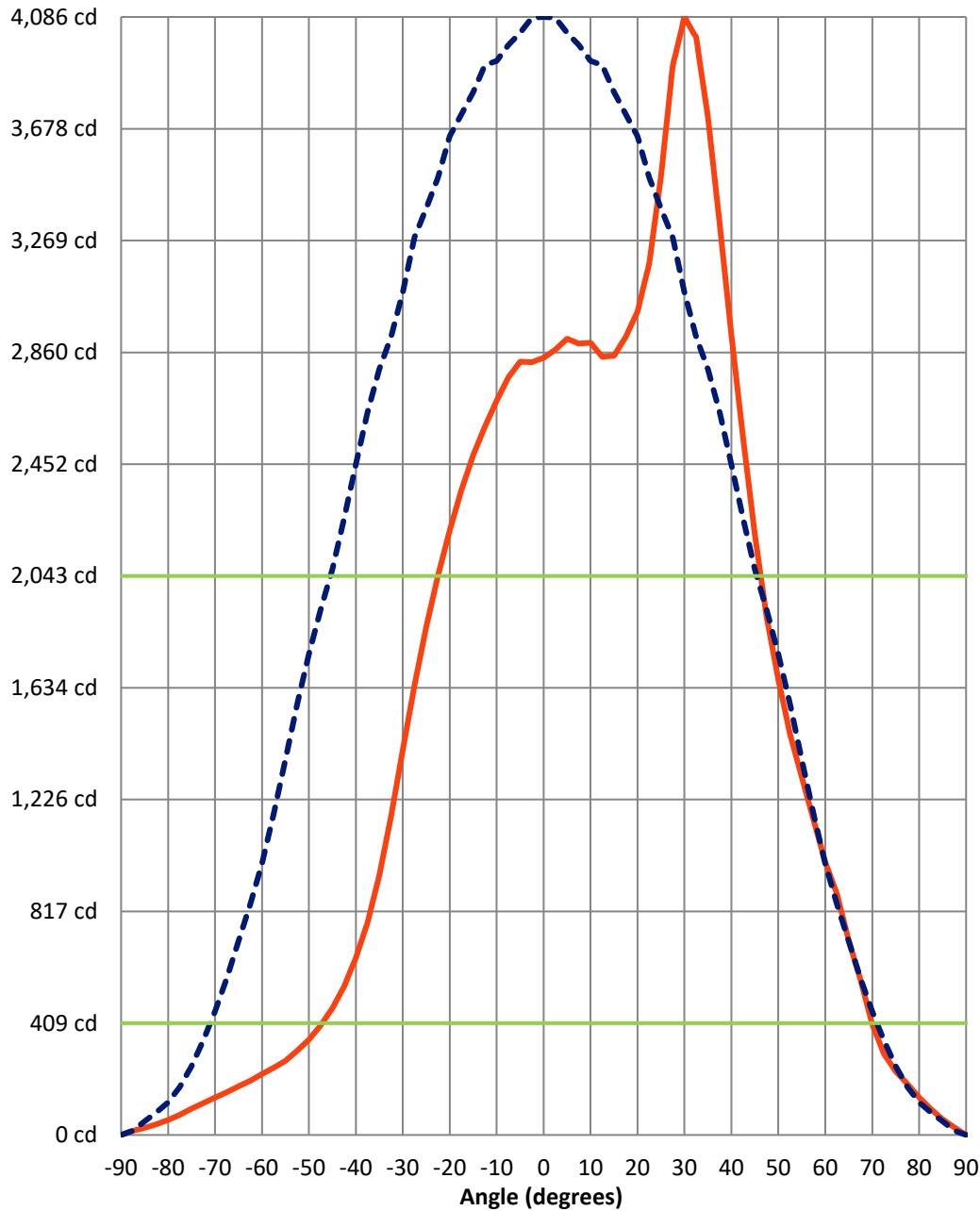
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 3966.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 6392.1
 Efficiency: 93.7%

Spill:
 Lumens: 428.8
 Efficiency: 6.3%

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



REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-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°	27.5	28.2	28.9	28.9	28.2	28.2	28.2	27.5	28.2	28.2	28.2
85°	57.1	58.5	60.0	59.3	58.5	57.1	55.6	56.4	57.1	57.8	57.8
82.5°	94.7	96.8	98.3	97.5	96.1	94.7	93.2	93.9	95.4	96.1	96.1
80°	137.3	138.0	138.7	140.2	138.0	138.0	137.3	140.2	141.6	143.1	144.5
77.5°	186.4	187.2	187.2	187.9	188.6	189.3	189.3	194.4	198.0	200.2	202.3
75°	232.7	234.8	237.0	239.2	242.1	243.5	245.7	252.9	258.7	263.0	267.4
72.5°	296.3	299.2	302.8	307.8	312.9	316.5	321.6	330.2	336.7	341.1	346.1
70°	405.4	408.3	411.9	415.5	420.5	424.2	429.2	440.1	446.6	449.5	452.3
67.5°	567.2	574.5	581.0	573.7	570.1	565.1	566.5	576.6	583.1	587.5	586.7
65°	711.0	716.1	716.1	715.4	712.5	706.0	709.6	721.9	729.1	732.7	721.9
62.5°	880.1	880.1	876.5	882.3	883.0	878.7	876.5	877.2	877.9	880.1	862.0
60°	997.2	1004.4	1006.6	1011.6	1013.1	1013.1	1016.7	1019.6	1019.6	1015.2	994.3
57.5°	1151.8	1165.5	1168.4	1164.8	1157.6	1148.2	1146.8	1142.4	1133.7	1125.1	1115.0
55°	1307.9	1315.1	1314.4	1312.2	1305.0	1294.2	1295.6	1289.8	1276.1	1265.3	1251.5
52.5°	1464.7	1482.0	1484.9	1480.6	1470.5	1458.9	1459.6	1453.1	1439.4	1427.8	1409.1
50°	1664.8	1679.3	1677.9	1670.6	1656.2	1647.5	1648.2	1635.9	1620.0	1616.4	1591.9
47.5°	1893.9	1910.5	1907.6	1897.5	1878.0	1874.4	1878.0	1862.1	1852.7	1844.8	1815.9
45°	2194.5	2214.0	2203.2	2183.7	2152.6	2156.2	2161.3	2158.4	2138.1	2117.2	2080.3
42.5°	2547.1	2559.4	2546.4	2526.9	2487.9	2495.1	2492.2	2474.9	2462.6	2427.9	2380.9
40°	2924.3	2951.1	2930.8	2900.5	2860.0	2870.8	2862.9	2840.5	2811.6	2768.2	2709.0
37.5°	3331.1	3352.1	3329.0	3293.6	3257.4	3253.8	3237.9	3203.2	3162.1	3114.4	3019.7
35°	3720.6	3774.8	3732.2	3675.8	3631.7	3615.1	3599.9	3519.7	3472.8	3395.4	3266.1
32.5°	4010.4	4050.1	3997.4	3938.8	3885.4	3862.2	3808.8	3713.4	3688.1	3525.5	3407.0
30°	4086.2	4083.4	4028.4	3983.6	3925.8	3909.9	3811.7	3730.7	3649.8	3499.5	3386.8
27.5°	3905.6	3887.5	3834.8	3795.8	3738.7	3719.9	3623.1	3579.7	3454.7	3327.5	3232.1
25°	3503.1	3512.5	3472.8	3453.3	3415.7	3375.2	3336.9	3278.4	3200.4	3089.1	3001.6
22.5°	3185.9	3198.2	3181.6	3158.4	3129.5	3107.1	3078.2	3032.7	2957.6	2888.9	2806.5
20°	3009.6	3006.0	2991.5	2974.2	2946.7	2930.8	2899.0	2860.7	2802.9	2743.7	2654.8
17.5°	2917.1	2894.7	2881.0	2874.5	2860.0	2839.8	2802.2	2763.2	2718.4	2651.2	2586.1
15°	2848.4	2852.1	2841.2	2836.2	2824.6	2796.4	2758.1	2726.3	2665.6	2631.7	2572.4
12.5°	2844.1	2840.5	2841.2	2839.1	2824.6	2788.5	2769.0	2728.5	2689.5	2644.7	2576.8
10°	2895.4	2857.1	2860.0	2870.1	2847.0	2818.1	2797.1	2753.1	2716.2	2659.1	2591.9
7.5°	2892.5	2873.0	2878.8	2862.2	2869.4	2834.0	2805.1	2761.0	2714.8	2654.1	2593.4
5°	2909.9	2880.2	2875.2	2876.6	2858.6	2831.8	2792.8	2750.9	2707.5	2639.6	2577.5
2.5°	2870.1	2874.5	2851.3	2842.7	2840.5	2795.7	2759.6	2719.1	2674.3	2614.3	2558.7
0°	2840.5	2848.4	2824.6	2812.3	2811.6	2773.3	2750.2	2703.9	2672.1	2622.3	2555.1
-2.5°	2824.6	2834.0	2836.9	2814.5	2792.8	2763.2	2724.2	2674.3	2622.3	2564.5	2506.7
-5°	2826.0	2807.3	2799.3	2806.5	2787.8	2758.1	2714.8	2670.7	2619.4	2557.2	2485.0
-7.5°	2769.0	2750.2	2748.7	2745.1	2740.8	2712.6	2676.5	2628.8	2576.8	2518.9	2451.7
-10°	2683.7	2670.0	2666.4	2662.7	2651.2	2634.6	2600.6	2557.2	2510.3	2452.5	2380.9
-12.5°	2589.0	2582.5	2568.8	2559.4	2547.9	2528.3	2495.8	2456.1	2409.1	2357.8	2296.4
-15°	2484.3	2472.0	2458.3	2450.3	2433.7	2410.6	2378.0	2341.2	2289.9	2239.3	2181.5
-17.5°	2357.8	2342.6	2327.5	2325.3	2313.7	2278.3	2248.0	2203.2	2158.4	2110.0	2053.6
-20°	2209.0	2188.0	2177.9	2172.1	2156.2	2130.2	2097.7	2056.5	2013.1	1966.9	1901.9



REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2044.2	2026.1	2008.8	1998.0	1984.2	1964.0	1932.9	1896.8	1854.2	1802.1	1742.2
-25°	1857.1	1831.8	1820.9	1808.6	1801.4	1782.6	1752.3	1719.0	1675.0	1624.4	1567.3
-27.5°	1643.2	1622.9	1617.2	1599.8	1591.1	1571.6	1546.3	1515.3	1474.8	1427.1	1380.1
-30°	1406.9	1394.6	1385.2	1367.9	1361.4	1340.4	1323.8	1297.8	1260.9	1227.0	1189.4
-32.5°	1164.1	1151.8	1148.9	1141.0	1136.6	1122.9	1104.1	1085.3	1055.7	1030.4	1000.1
-35°	948.8	940.1	940.8	940.1	935.8	925.6	902.5	897.5	875.8	852.7	833.1
-37.5°	776.8	777.5	776.8	776.1	770.3	765.9	749.3	742.8	729.8	707.4	695.9
-40°	647.4	648.9	648.2	646.7	640.2	638.0	627.2	618.5	613.5	597.6	585.3
-42.5°	542.7	544.8	544.1	543.4	539.1	538.3	532.5	522.4	519.5	510.1	497.1
-45°	463.2	462.5	461.0	462.5	460.3	458.1	454.5	448.0	444.4	440.1	429.2
-47.5°	400.3	401.0	399.6	399.6	396.7	394.5	393.1	388.8	385.9	382.3	375.7
-50°	348.3	351.2	350.5	349.7	347.6	346.1	346.1	341.8	337.4	336.0	331.7
-52.5°	307.8	310.0	310.7	312.2	312.9	313.6	311.4	307.1	299.9	299.2	297.0
-55°	271.0	277.5	281.8	284.7	287.6	289.8	285.4	279.6	272.4	269.5	268.8
-57.5°	245.7	252.2	257.2	261.6	265.2	268.8	264.5	258.7	252.2	248.6	247.8
-60°	222.6	228.3	233.4	239.2	244.2	250.0	247.8	243.5	239.9	237.0	234.1
-62.5°	198.0	203.8	209.6	216.8	223.3	229.1	229.8	229.1	228.3	229.1	224.0
-65°	177.8	180.6	184.3	192.2	199.4	205.9	209.6	211.7	215.3	218.9	213.9
-67.5°	156.1	159.7	164.0	169.8	175.6	179.9	185.0	190.8	196.5	202.3	198.7
-70°	136.6	139.5	143.1	146.0	149.6	152.5	156.8	163.3	169.8	175.6	174.1
-72.5°	116.3	119.2	121.4	122.8	125.0	126.5	128.6	134.4	138.7	141.6	141.6
-75°	96.1	99.0	101.2	101.9	103.3	104.1	105.5	107.7	109.8	110.6	111.3
-77.5°	73.7	76.6	78.8	80.2	81.7	83.1	83.8	85.3	86.0	86.0	86.7
-80°	54.9	57.1	58.5	60.7	61.4	62.9	64.3	65.0	65.8	65.8	66.5
-82.5°	39.0	40.5	41.9	43.4	44.8	45.5	47.0	47.7	48.4	49.1	49.9
-85°	26.0	27.5	28.9	30.3	31.1	31.8	32.5	33.2	34.0	34.7	35.4
-87.5°	15.2	15.9	16.6	18.1	18.8	20.2	21.0	20.2	21.0	21.0	21.0
-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: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-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°	28.2	28.2	28.2	28.2	27.5	26.0	25.3	23.8	22.4	21.0	19.5
85°	58.5	59.3	59.3	59.3	57.8	57.1	54.9	52.7	49.9	45.5	41.9
82.5°	97.5	98.3	98.3	97.5	96.1	93.9	91.0	87.4	81.7	75.9	70.8
80°	146.7	147.4	147.4	146.7	143.1	139.5	135.8	131.5	124.3	116.3	107.7
77.5°	205.2	206.7	206.7	204.5	199.4	195.1	189.3	182.1	171.3	159.7	148.1
75°	273.1	276.8	277.5	275.3	268.8	260.9	251.5	239.2	222.6	208.1	194.4
72.5°	351.9	355.5	358.4	355.5	346.1	335.3	321.6	307.1	290.5	271.0	247.8
70°	455.2	458.8	461.0	451.6	435.0	416.9	400.3	383.7	364.2	340.3	315.0
67.5°	585.3	581.7	577.3	558.6	537.6	515.9	492.8	468.2	442.9	417.7	388.0
65°	710.3	700.2	690.8	668.4	641.7	613.5	586.7	559.3	528.9	497.1	469.0
62.5°	841.8	820.1	797.0	769.6	742.1	711.0	684.3	651.8	617.8	578.8	542.7
60°	971.2	945.1	922.0	888.1	851.9	810.0	781.1	749.3	709.6	667.7	625.0
57.5°	1096.2	1068.0	1042.7	1013.1	974.1	928.5	896.7	855.5	813.6	760.9	717.5
55°	1229.1	1200.9	1180.7	1147.5	1104.8	1062.9	1028.2	984.9	926.4	870.0	816.5
52.5°	1381.6	1359.2	1337.5	1303.6	1252.2	1209.6	1171.3	1122.9	1061.5	992.1	927.8
50°	1552.1	1540.6	1517.4	1477.7	1419.2	1381.6	1331.0	1266.7	1200.9	1128.0	1047.8
47.5°	1778.3	1759.5	1727.0	1683.6	1634.5	1578.1	1510.2	1435.1	1341.8	1260.9	1175.7
45°	2048.5	2013.9	1971.9	1913.4	1852.7	1789.1	1714.7	1619.3	1494.3	1388.8	1299.2
42.5°	2341.2	2294.2	2237.1	2160.5	2081.8	2003.7	1923.5	1793.5	1637.4	1516.0	1414.8
40°	2646.8	2586.9	2515.3	2404.1	2316.6	2216.2	2124.4	1930.0	1763.8	1632.3	1524.7
37.5°	2946.0	2870.1	2750.2	2615.1	2513.2	2430.8	2229.2	2021.1	1872.2	1727.7	1618.6
35°	3175.1	3110.7	2899.0	2758.8	2671.4	2541.3	2289.2	2076.0	1918.5	1798.5	1628.7
32.5°	3310.9	3144.7	2959.0	2817.4	2745.1	2532.0	2293.5	2091.9	1940.2	1805.8	1602.7
30°	3280.6	3079.7	2917.1	2798.6	2641.8	2450.3	2253.0	2067.3	1919.9	1757.3	1573.8
27.5°	3097.7	2942.4	2797.1	2673.6	2519.7	2347.7	2165.6	2002.3	1865.0	1707.5	1534.1
25°	2891.1	2750.2	2642.5	2534.8	2388.9	2224.9	2064.4	1946.7	1808.6	1653.3	1482.0
22.5°	2701.0	2599.9	2515.3	2402.6	2260.3	2117.2	2017.5	1895.4	1753.7	1596.2	1428.6
20°	2579.6	2511.0	2414.2	2289.9	2177.9	2088.3	1977.7	1848.4	1702.4	1537.7	1383.0
17.5°	2521.1	2441.6	2334.0	2253.0	2167.0	2068.8	1945.2	1807.9	1652.6	1510.9	1388.1
15°	2490.8	2406.9	2336.1	2256.6	2159.8	2056.5	1919.2	1776.8	1652.6	1521.8	1391.7
12.5°	2497.3	2425.0	2347.7	2261.0	2156.9	2046.4	1922.1	1789.9	1661.2	1529.7	1392.4
10°	2517.5	2441.6	2359.3	2263.2	2158.4	2049.3	1930.0	1797.8	1665.6	1533.3	1391.0
7.5°	2524.7	2442.4	2354.2	2257.4	2154.8	2047.8	1931.5	1800.0	1666.3	1532.6	1386.6
5°	2502.3	2427.9	2342.6	2245.1	2144.6	2040.6	1925.7	1797.1	1660.5	1525.4	1375.8
2.5°	2472.0	2412.0	2330.4	2236.4	2134.5	2030.5	1916.3	1784.1	1647.5	1512.4	1362.1
0°	2466.9	2392.5	2310.1	2226.3	2117.9	2008.1	1894.6	1759.5	1623.7	1487.8	1338.2
-2.5°	2433.7	2354.9	2272.5	2181.5	2086.1	1975.6	1856.3	1724.1	1589.7	1456.0	1312.2
-5°	2408.4	2321.0	2233.5	2135.3	2039.1	1928.6	1805.0	1676.4	1544.9	1414.8	1276.1
-7.5°	2374.4	2284.8	2193.1	2090.5	1986.4	1873.7	1751.6	1622.9	1493.6	1364.2	1231.3
-10°	2305.8	2227.0	2141.0	2034.8	1925.0	1812.3	1690.9	1564.4	1435.1	1304.3	1170.6
-12.5°	2222.7	2139.6	2045.7	1948.1	1849.8	1745.1	1623.7	1499.4	1369.3	1237.8	1104.8
-15°	2115.0	2033.4	1937.3	1841.9	1747.2	1646.8	1539.8	1427.8	1295.6	1166.3	1033.3
-17.5°	1980.6	1904.0	1818.0	1727.0	1633.1	1531.9	1427.8	1333.2	1209.6	1088.2	956.7
-20°	1836.1	1764.6	1687.2	1601.3	1507.3	1408.3	1310.1	1211.1	1104.1	997.2	875.1



REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1685.8	1613.5	1535.5	1455.3	1368.6	1276.8	1185.8	1091.1	997.2	900.3	797.0
-25°	1512.4	1448.8	1377.3	1299.2	1221.9	1141.7	1055.0	969.0	888.8	805.0	720.4
-27.5°	1331.0	1272.5	1207.4	1139.5	1073.0	1005.8	930.7	851.2	784.7	715.4	645.3
-30°	1140.2	1093.3	1040.5	981.3	930.0	875.8	812.9	747.2	686.5	633.7	577.3
-32.5°	959.6	919.9	882.3	843.3	792.7	750.8	707.4	659.0	605.5	555.7	515.2
-35°	804.2	761.6	745.7	716.8	680.7	643.8	612.0	577.3	536.9	492.8	459.6
-37.5°	673.5	648.2	625.8	609.9	586.0	556.4	531.1	505.8	474.7	441.5	408.3
-40°	571.6	554.2	529.7	521.7	506.5	486.3	460.3	440.8	419.8	394.5	366.4
-42.5°	489.9	476.9	461.0	447.3	440.8	426.3	406.1	387.3	370.7	353.3	331.7
-45°	422.7	414.0	403.9	391.6	386.6	375.0	360.6	339.6	330.2	315.8	299.9
-47.5°	368.5	364.2	357.0	349.0	341.8	333.1	320.1	307.1	294.1	284.7	272.4
-50°	325.9	323.0	318.7	312.2	302.8	297.0	288.3	276.8	264.5	256.5	247.8
-52.5°	291.9	289.0	286.1	281.1	273.9	268.1	260.9	251.5	241.3	233.4	226.2
-55°	265.9	261.6	259.4	255.1	249.3	242.8	236.3	229.8	221.1	213.9	206.7
-57.5°	245.7	239.9	237.0	233.4	227.6	221.1	216.1	209.6	203.8	195.8	189.3
-60°	229.8	223.3	217.5	213.9	208.8	202.3	197.3	192.2	186.4	179.9	172.0
-62.5°	216.8	208.8	200.9	196.5	191.5	185.7	180.6	175.6	169.8	163.3	156.1
-65°	204.5	195.1	185.0	180.6	175.6	169.8	163.3	159.7	154.6	148.9	141.6
-67.5°	189.3	179.2	170.5	165.5	160.4	155.4	149.6	146.0	140.9	133.7	126.5
-70°	166.9	160.4	154.6	150.3	146.0	141.6	135.8	130.1	124.3	117.8	111.3
-72.5°	138.7	136.6	135.8	133.7	128.6	123.6	117.8	112.0	106.9	101.9	96.8
-75°	112.0	113.4	114.9	114.2	109.1	104.1	99.0	93.9	90.3	86.0	81.7
-77.5°	88.9	90.3	91.8	91.8	88.2	85.3	81.7	78.0	75.1	71.5	67.2
-80°	68.6	70.8	73.0	74.4	71.5	69.4	66.5	63.6	60.7	57.8	54.9
-82.5°	52.0	54.2	56.4	57.8	55.6	54.2	52.0	49.9	47.7	44.8	42.6
-85°	37.6	39.0	40.5	41.2	39.7	38.3	36.9	35.4	34.0	31.8	30.3
-87.5°	21.7	22.4	23.1	23.8	22.4	21.0	20.2	18.8	18.1	16.6	15.9
-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: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-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°	18.1	16.6	15.2	14.5	13.0	10.8	9.4	7.9	6.5	5.1	4.3
85°	38.3	34.7	30.3	28.2	25.3	22.4	19.5	16.6	13.7	10.8	7.9
82.5°	65.8	61.4	57.1	52.0	45.5	37.6	29.6	24.6	20.2	15.9	12.3
80°	99.0	91.0	83.8	77.3	70.1	60.0	49.1	39.0	27.5	21.0	15.9
77.5°	137.3	127.9	117.8	106.9	95.4	81.7	69.4	56.4	42.6	28.9	20.2
75°	180.6	168.4	154.6	139.5	124.3	106.2	88.9	73.7	57.8	40.5	24.6
72.5°	229.1	213.9	197.3	177.0	153.2	132.2	111.3	91.0	72.3	51.3	33.2
70°	291.2	267.4	242.8	221.1	190.8	157.5	133.0	109.8	86.0	62.9	41.9
67.5°	357.7	328.8	299.2	267.4	229.1	190.0	154.6	128.6	100.4	73.7	49.9
65°	429.9	393.8	356.2	320.8	268.1	221.8	182.1	146.7	114.2	83.8	57.8
62.5°	504.4	461.7	418.4	372.1	311.4	254.4	208.1	166.9	127.2	93.2	65.0
60°	583.9	534.0	481.2	423.4	352.6	289.8	232.7	187.9	140.9	102.6	73.0
57.5°	667.7	613.5	551.3	473.3	395.3	323.7	260.9	206.7	153.2	111.3	78.8
55°	758.7	696.6	628.7	525.3	437.2	357.7	289.0	225.4	166.2	118.5	84.5
52.5°	857.0	784.7	698.7	580.2	481.2	392.4	315.0	242.1	178.5	126.5	89.6
50°	966.8	875.8	760.2	630.8	519.5	424.9	341.1	260.1	188.6	135.1	93.9
47.5°	1081.0	982.7	815.1	677.8	558.6	456.7	367.8	276.0	198.7	142.4	98.3
45°	1200.2	1057.1	872.2	719.7	592.5	485.6	388.0	290.5	211.0	148.9	101.9
42.5°	1318.0	1113.5	922.0	761.6	624.3	511.6	404.7	304.2	221.1	155.4	105.5
40°	1373.6	1156.1	961.8	790.5	651.1	534.7	419.1	316.5	229.8	159.7	109.1
37.5°	1396.8	1182.2	987.8	818.0	672.0	547.0	431.4	327.3	237.0	164.0	112.0
35°	1401.8	1191.6	1000.8	836.8	689.4	558.6	440.8	335.3	242.8	168.4	114.9
32.5°	1392.4	1188.7	1004.4	843.3	700.2	567.2	447.3	341.1	247.1	172.7	117.8
30°	1371.5	1173.5	991.4	842.5	708.1	572.3	451.6	345.4	251.5	175.6	119.2
27.5°	1337.5	1146.8	974.8	843.3	712.5	574.5	453.8	347.6	254.4	177.8	122.1
25°	1295.6	1110.6	975.5	841.8	713.2	575.2	453.8	347.6	255.1	178.5	124.3
22.5°	1247.2	1110.6	975.5	839.6	708.9	573.7	451.6	346.1	255.1	179.9	126.5
20°	1250.1	1111.3	973.3	835.3	702.4	569.4	446.6	342.5	252.9	182.1	127.9
17.5°	1252.2	1109.9	969.0	829.5	693.7	562.2	440.1	337.4	252.9	184.3	128.6
15°	1252.2	1105.6	962.5	820.9	682.8	552.1	430.7	333.1	253.6	185.0	130.1
12.5°	1250.1	1097.6	952.4	809.3	669.8	539.8	424.9	331.7	253.6	185.7	130.1
10°	1245.7	1086.8	939.4	794.8	657.6	535.4	422.0	328.8	252.2	185.7	130.1
7.5°	1237.8	1073.8	928.5	786.2	650.3	530.4	417.7	324.4	250.0	184.3	131.5
5°	1225.5	1066.5	919.9	776.1	640.2	526.8	414.8	320.8	248.6	184.3	130.1
2.5°	1209.6	1057.9	909.7	763.1	628.7	514.5	405.4	312.9	243.5	181.4	128.6
0°	1183.6	1040.5	892.4	745.0	612.8	502.2	396.0	304.9	238.5	178.5	127.2
-2.5°	1159.8	1017.4	870.0	726.2	597.6	491.4	388.8	300.6	236.3	177.8	126.5
-5°	1126.5	985.6	840.4	701.6	577.3	480.5	381.5	295.5	234.1	176.3	126.5
-7.5°	1089.7	952.4	809.3	676.3	557.1	461.7	367.8	287.6	229.1	173.4	125.7
-10°	1032.6	902.5	770.3	647.4	535.4	445.1	356.2	280.4	224.7	170.5	122.8
-12.5°	971.9	847.6	725.5	612.0	510.9	427.8	343.2	272.4	219.7	167.6	121.4
-15°	907.6	791.2	678.5	575.2	484.1	406.8	329.5	263.7	214.6	164.0	119.2
-17.5°	840.4	732.0	630.1	537.6	457.4	385.1	315.0	255.8	208.8	160.4	117.1
-20°	769.6	671.3	581.0	499.3	429.2	363.5	299.9	246.4	202.3	156.1	114.2



REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	699.5	611.3	530.4	461.7	400.3	341.1	284.7	237.0	195.1	151.0	112.0
-25°	637.3	554.9	485.6	425.6	372.1	319.4	268.8	227.6	187.2	146.0	109.1
-27.5°	576.6	506.5	441.5	391.6	344.7	298.4	253.6	217.5	179.2	140.2	106.2
-30°	520.3	460.3	406.8	358.4	318.7	279.6	240.6	207.4	170.5	134.4	102.6
-32.5°	469.0	420.5	375.7	329.5	294.1	260.9	228.3	197.3	161.9	128.6	99.0
-35°	421.3	383.7	344.7	305.7	269.5	243.5	215.3	186.4	153.9	122.1	95.4
-37.5°	378.6	348.3	317.2	284.0	252.9	226.9	203.0	175.6	146.0	116.3	91.8
-40°	341.8	317.2	289.8	263.0	237.0	212.4	190.8	164.8	138.0	112.0	88.2
-42.5°	307.8	289.0	266.6	244.2	221.1	199.4	178.5	153.2	130.1	106.9	84.5
-45°	281.8	263.0	245.0	224.7	205.2	186.4	165.5	143.1	122.8	101.2	80.9
-47.5°	257.2	240.6	224.0	207.4	191.5	174.1	153.2	134.4	114.9	96.1	78.0
-50°	235.6	219.7	205.2	190.8	177.0	160.4	140.9	125.7	108.4	91.0	74.4
-52.5°	215.3	201.6	187.2	175.6	164.0	147.4	131.5	117.1	101.9	85.3	70.8
-55°	197.3	184.3	171.3	160.4	149.6	135.1	122.1	109.8	95.4	80.9	67.2
-57.5°	179.9	169.1	156.8	146.7	135.8	124.3	113.4	101.9	88.9	76.6	63.6
-60°	164.0	153.9	143.1	133.0	123.6	114.2	104.1	94.7	83.1	71.5	60.0
-62.5°	148.1	139.5	130.1	119.9	112.7	104.1	96.1	86.7	77.3	67.2	53.5
-65°	133.7	125.7	117.1	108.4	101.9	95.4	88.2	79.5	71.5	62.1	47.7
-67.5°	119.2	112.0	104.8	97.5	91.8	86.7	79.5	73.0	66.5	56.4	41.9
-70°	105.5	99.7	93.2	87.4	83.1	77.3	72.3	66.5	60.7	49.1	35.4
-72.5°	92.5	86.7	81.7	77.3	73.7	68.6	64.3	60.0	52.0	41.2	29.6
-75°	77.3	73.7	70.8	67.2	63.6	60.0	56.4	51.3	43.4	33.2	23.1
-77.5°	63.6	61.4	59.3	56.4	53.5	50.6	46.2	41.2	34.7	26.0	18.8
-80°	52.0	49.9	48.4	45.5	43.4	40.5	36.1	31.8	25.3	20.2	15.2
-82.5°	39.7	38.3	36.9	35.4	33.2	30.3	26.0	22.4	18.8	15.2	11.6
-85°	28.2	27.5	26.0	24.6	22.4	20.2	17.3	15.2	13.0	10.1	7.9
-87.5°	14.5	13.7	13.0	12.3	11.6	10.1	8.7	7.2	6.5	5.1	3.6
-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: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	2.9	2.2	0.7	0.0
85°	5.8	3.6	1.4	0.0
82.5°	8.7	5.8	2.2	0.0
80°	11.6	7.2	3.6	0.0
77.5°	14.5	8.7	4.3	0.0
75°	17.3	10.8	5.1	0.0
72.5°	19.5	12.3	5.8	0.0
70°	23.1	14.5	6.5	0.0
67.5°	28.9	15.9	7.2	0.0
65°	34.0	17.3	7.9	0.0
62.5°	39.7	18.8	8.7	0.0
60°	44.8	20.2	9.4	0.0
57.5°	49.9	23.8	10.1	0.0
55°	54.2	26.7	10.8	0.0
52.5°	59.3	29.6	11.6	0.0
50°	63.6	32.5	12.3	0.0
47.5°	67.2	35.4	12.3	0.0
45°	70.1	37.6	13.0	0.0
42.5°	72.3	39.7	13.7	0.0
40°	74.4	41.9	14.5	0.0
37.5°	76.6	44.1	14.5	0.0
35°	78.8	46.2	15.2	0.0
32.5°	80.9	48.4	15.2	0.0
30°	82.4	49.9	15.9	0.0
27.5°	84.5	51.3	15.9	0.0
25°	85.3	52.7	16.6	0.0
22.5°	86.7	53.5	16.6	0.0
20°	88.2	54.9	16.6	0.0
17.5°	88.9	55.6	17.3	0.0
15°	88.9	56.4	18.1	0.0
12.5°	89.6	57.1	18.1	0.0
10°	89.6	58.5	17.3	0.0
7.5°	91.0	57.8	17.3	0.0
5°	90.3	57.8	17.3	0.0
2.5°	89.6	57.1	17.3	0.0
0°	88.9	57.1	17.3	0.0
-2.5°	88.9	57.1	17.3	0.0
-5°	88.9	57.1	17.3	0.0
-7.5°	88.2	57.8	17.3	0.0
-10°	86.7	57.8	17.3	0.0
-12.5°	86.0	55.6	17.3	0.0
-15°	85.3	54.9	17.3	0.0
-17.5°	83.8	54.2	16.6	0.0
-20°	82.4	53.5	16.6	0.0



REPORT NUMBER: P722307
 CATALOG NUMBER: IFLD-S-SA2A-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	80.9	52.0	16.6	0.0
-25°	79.5	50.6	15.9	0.0
-27.5°	78.0	49.1	15.9	0.0
-30°	75.9	47.7	15.2	0.0
-32.5°	73.7	46.2	15.2	0.0
-35°	72.3	44.1	14.5	0.0
-37.5°	70.1	41.9	14.5	0.0
-40°	67.9	39.7	13.7	0.0
-42.5°	65.8	37.6	13.0	0.0
-45°	62.9	35.4	13.0	0.0
-47.5°	60.7	33.2	12.3	0.0
-50°	57.1	30.3	11.6	0.0
-52.5°	52.7	27.5	10.8	0.0
-55°	48.4	25.3	10.1	0.0
-57.5°	44.1	22.4	10.1	0.0
-60°	39.7	19.5	9.4	0.0
-62.5°	35.4	18.1	8.7	0.0
-65°	31.1	16.6	7.9	0.0
-67.5°	26.0	14.5	7.2	0.0
-70°	21.7	13.0	6.5	0.0
-72.5°	18.8	11.6	5.8	0.0
-75°	15.9	10.1	5.1	0.0
-77.5°	13.7	8.7	4.3	0.0
-80°	10.8	6.5	2.9	0.0
-82.5°	7.9	5.1	2.2	0.0
-85°	5.1	3.6	1.4	0.0
-87.5°	2.9	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)