

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: P640019

Luminaire Tested: **IFLD-S-SA6A-AMB-U-LAM-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640019
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-AMB-U-LAM-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ LA distribution lens and VISOR
Light Source: (96) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

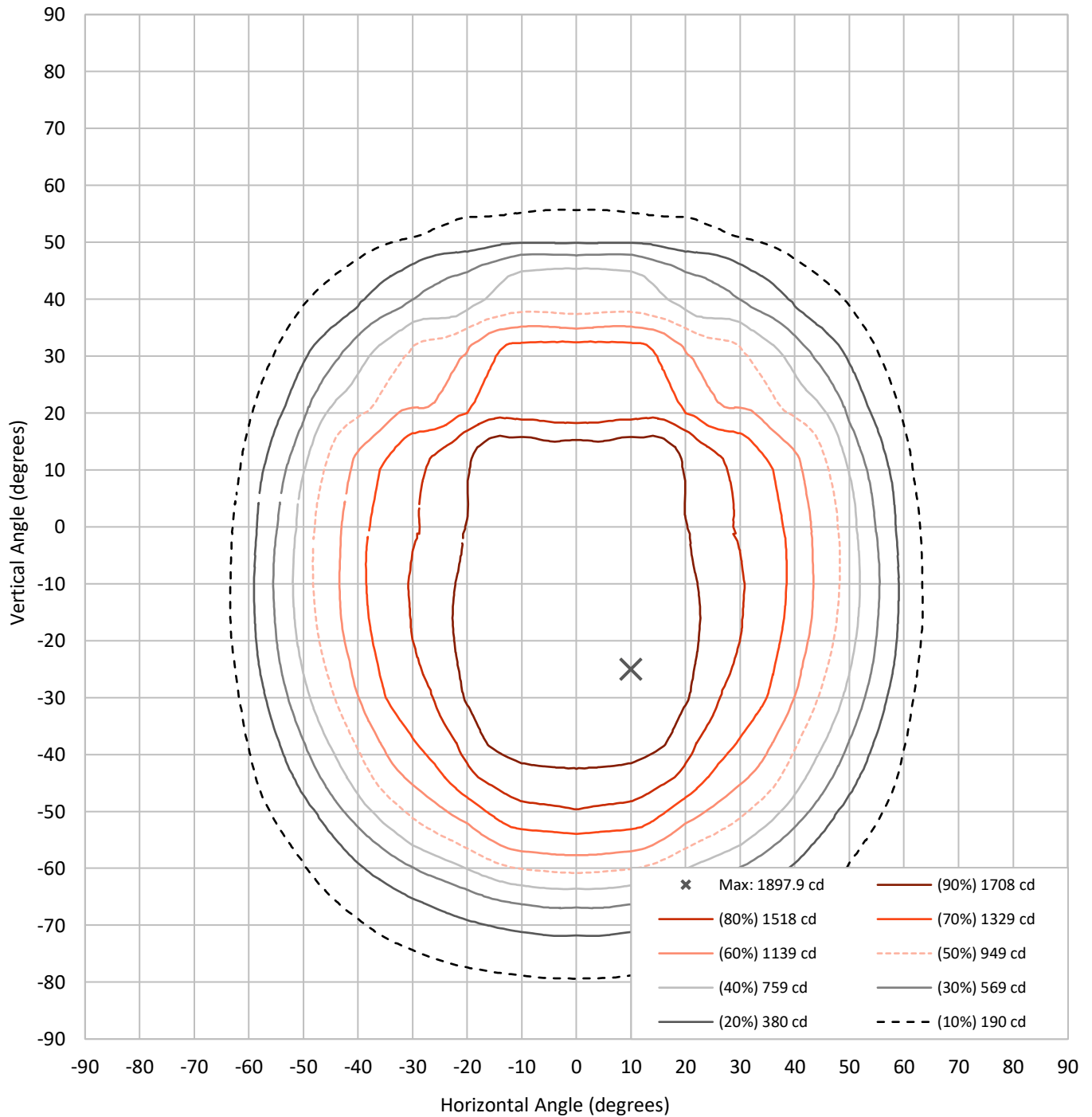
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 7V
Luminaire Lumens:	4108.2 lumens	Max Intensity:	1897.9 candela
Efficiency:	N/A	Max Intensity Angle:	10°H x -25°V
Efficacy:	21.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	91.8°H x 97.6°V	Field Angle (10%):	124.7°H x 134.2°V
Beam Lumens:	3188.4 lumens	Field Lumens:	4012.5 lumens
Beam Efficiency:	77.6%	Field Efficiency:	97.7%
Input Watts (W):	189.6		
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:	25 FT		



REPORT NUMBER: P640019
CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

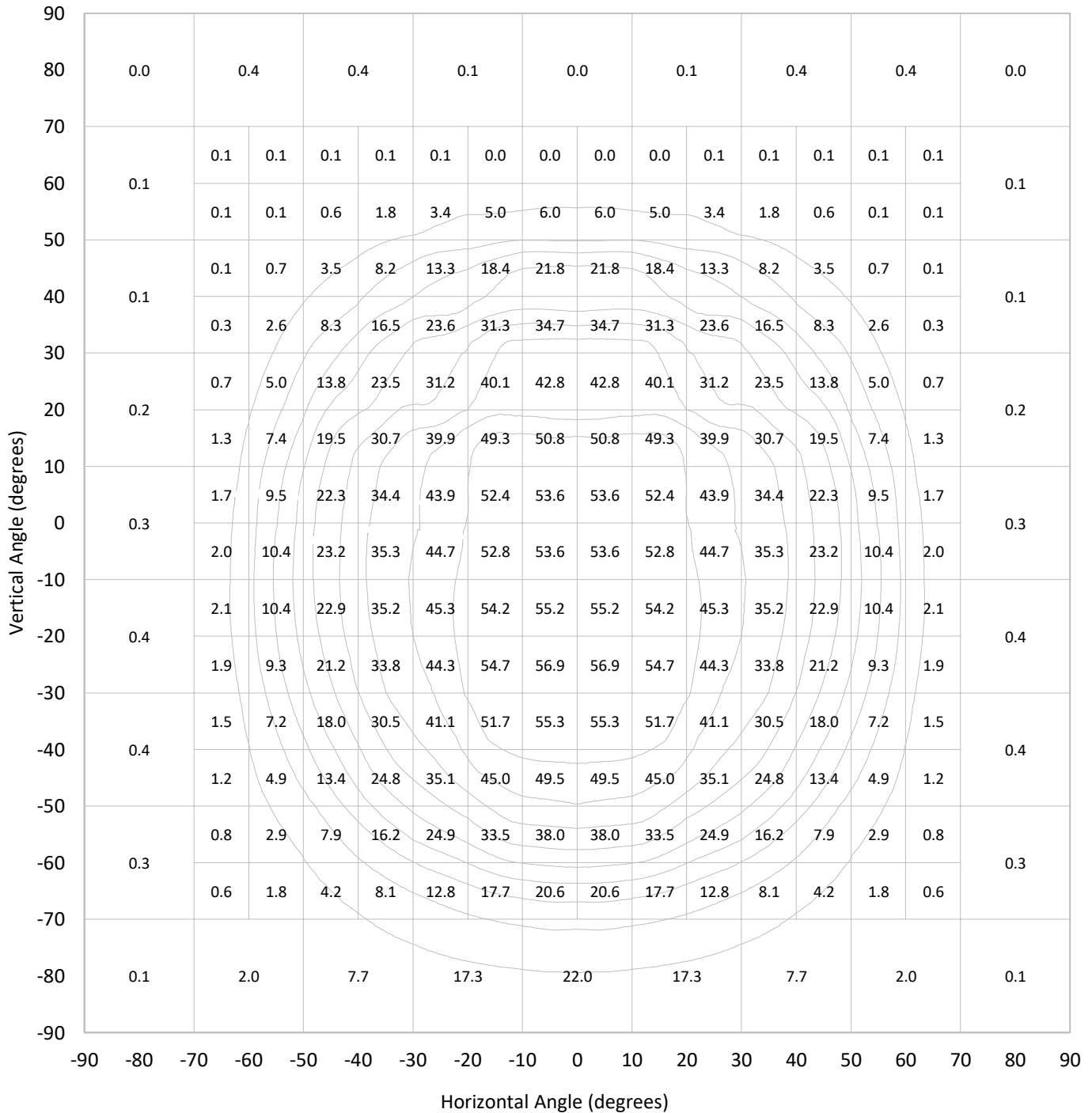
Iso-Candela Plot





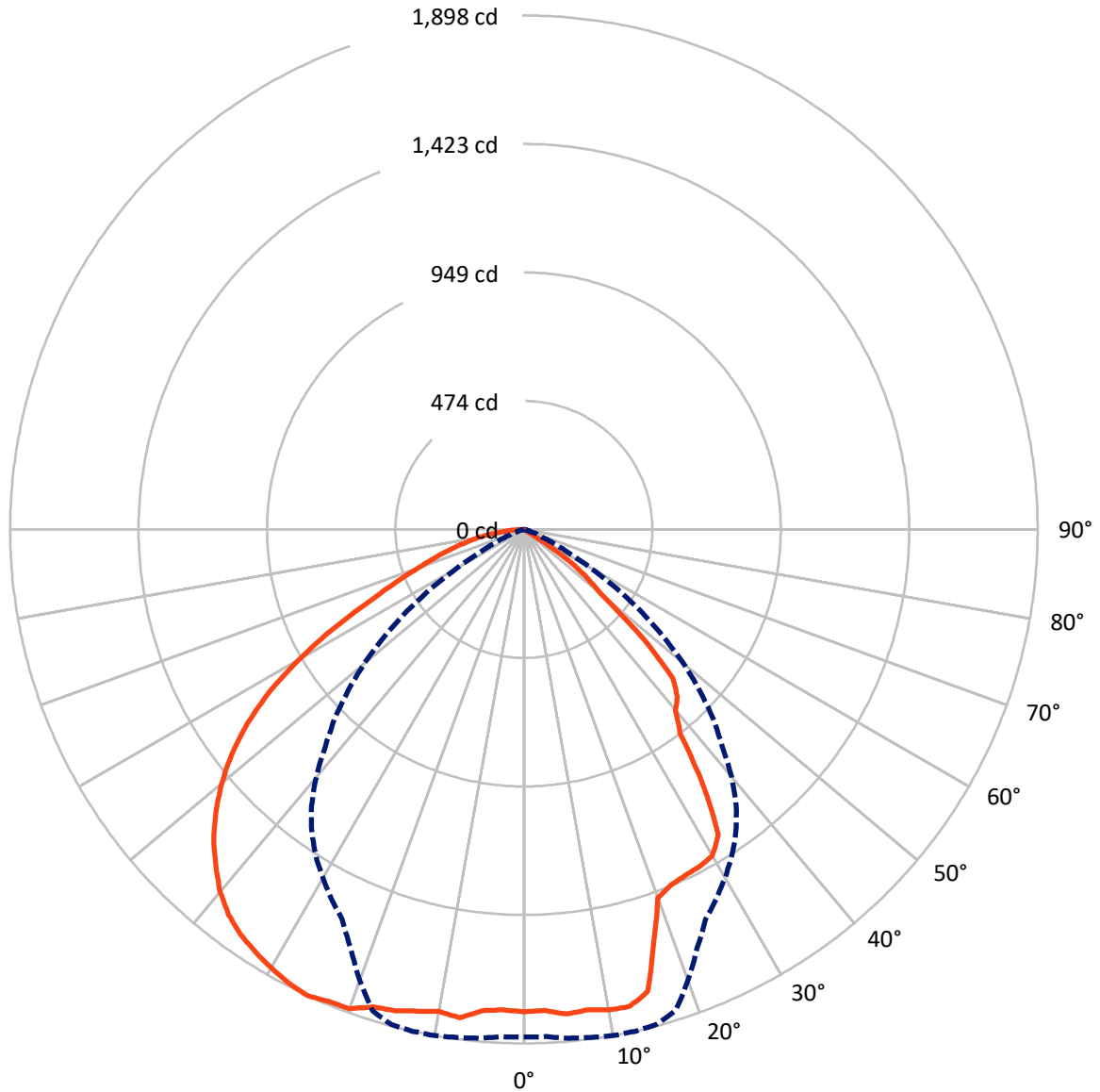
REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

Lumen Table



REPORT NUMBER: P640019
CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

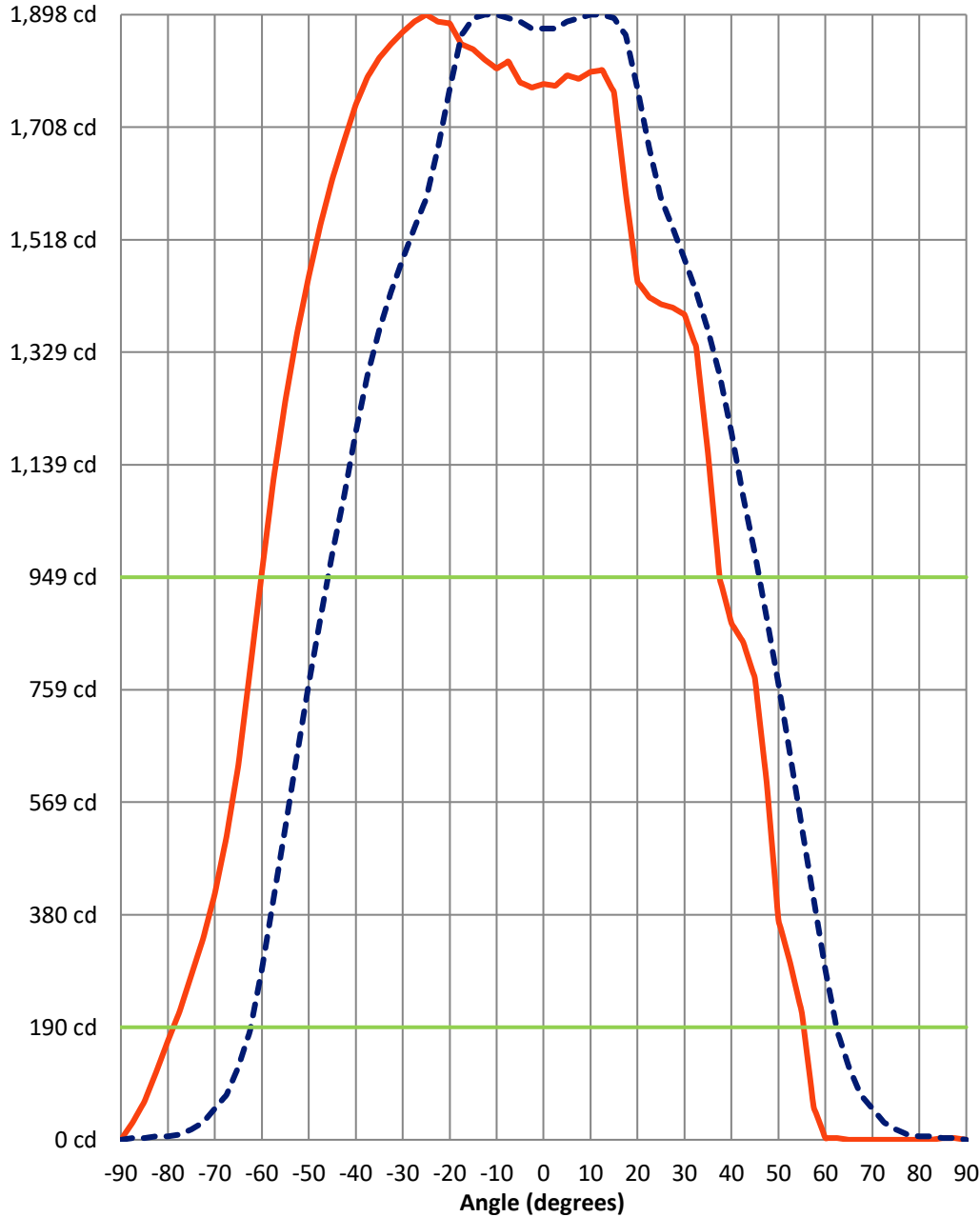
Luminous Intensity Polar Plot



— Vertical Distribution Through 10-Deg - - - Horizontal Distribution Through -25-Deg

REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

Luminous Intensity Plot



Beam:
 H Angle: 91.8°
 V Angle: 97.6°
 Lumens: 3188.4
 Efficiency: 77.6%

Field:
 H Angle: 124.7°
 V Angle: 134.2°
 Lumens: 4012.5
 Efficiency: 97.7%

Spill:
 Lumens: 95.7
 Efficiency: 2.3%

— Vertical Distribution through 10-Deg
 - - - Horizontal Distribution through -25-Deg



REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

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°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	2.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	2.9
62.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
60°	2.9	2.9	2.9	2.9	2.9	2.9	5.8	5.8	5.8	2.9	5.8
57.5°	11.7	20.5	32.2	46.8	55.6	61.4	64.3	58.5	40.9	32.2	40.9
55°	272.0	277.8	263.2	239.8	213.5	193.0	181.3	181.3	190.1	160.8	125.7
52.5°	336.3	333.4	324.6	310.0	298.3	280.7	263.2	248.6	236.9	219.3	198.9
50°	368.5	365.5	368.5	371.4	371.4	362.6	339.2	301.2	269.0	286.6	269.0
47.5°	584.9	599.5	605.3	611.2	602.4	558.5	505.9	470.8	438.6	415.2	400.6
45°	815.9	815.9	801.3	786.6	777.9	736.9	678.4	628.7	573.2	543.9	529.3
42.5°	862.7	859.7	851.0	845.1	839.3	798.3	742.8	681.4	643.3	611.2	581.9
40°	891.9	889.0	886.1	880.2	871.4	839.3	795.4	742.8	696.0	643.3	625.8
37.5°	915.3	921.2	935.8	947.5	947.5	932.8	874.4	839.3	780.8	698.9	710.6
35°	1114.2	1134.6	1160.9	1175.6	1158.0	1131.7	1111.2	1017.7	941.6	871.4	842.2
32.5°	1351.0	1356.9	1345.2	1345.2	1336.4	1330.6	1277.9	1172.6	1105.4	1023.5	982.6
30°	1394.9	1412.4	1400.7	1394.9	1392.0	1383.2	1327.6	1242.8	1155.1	1105.4	1055.7
27.5°	1418.3	1403.7	1406.6	1403.7	1403.7	1403.7	1353.9	1289.6	1207.7	1134.6	1087.8
25°	1421.2	1415.4	1412.4	1409.5	1409.5	1400.7	1380.3	1324.7	1248.7	1169.7	1111.2
22.5°	1409.5	1421.2	1418.3	1418.3	1421.2	1421.2	1409.5	1348.1	1277.9	1213.6	1146.3
20°	1418.3	1409.5	1435.8	1453.4	1447.5	1470.9	1468.0	1409.5	1327.6	1280.8	1193.1
17.5°	1561.6	1567.4	1564.5	1596.7	1596.7	1602.5	1631.8	1564.5	1479.7	1389.0	1313.0
15°	1757.5	1745.8	1725.3	1757.5	1766.3	1754.6	1775.0	1704.9	1643.5	1526.5	1456.3
12.5°	1760.4	1769.2	1775.0	1795.5	1804.3	1813.1	1807.2	1754.6	1681.5	1614.2	1555.7
10°	1760.4	1757.5	1772.1	1783.8	1801.4	1813.1	1824.8	1780.9	1693.2	1640.5	1573.3
7.5°	1783.8	1757.5	1772.1	1769.2	1789.7	1801.4	1816.0	1783.8	1707.8	1643.5	1585.0
5°	1754.6	1757.5	1769.2	1786.7	1795.5	1798.4	1804.3	1778.0	1704.9	1643.5	1590.8
2.5°	1740.0	1760.4	1766.3	1769.2	1778.0	1786.7	1798.4	1775.0	1701.9	1643.5	1587.9
0°	1748.7	1769.2	1751.7	1763.3	1780.9	1798.4	1807.2	1792.6	1716.6	1655.1	1602.5
-2.5°	1725.3	1751.7	1745.8	1757.5	1775.0	1786.7	1798.4	1789.7	1737.0	1655.1	1608.4
-5°	1740.0	1763.3	1766.3	1783.8	1783.8	1798.4	1807.2	1801.4	1737.0	1669.8	1617.1
-7.5°	1745.8	1778.0	1778.0	1783.8	1818.9	1813.1	1816.0	1798.4	1751.7	1684.4	1628.8
-10°	1757.5	1775.0	1789.7	1801.4	1807.2	1830.6	1842.3	1816.0	1778.0	1696.1	1634.7
-12.5°	1775.0	1792.6	1801.4	1813.1	1821.8	1827.7	1848.2	1839.4	1789.7	1707.8	1625.9
-15°	1795.5	1816.0	1818.9	1830.6	1839.4	1848.2	1859.8	1848.2	1804.3	1713.6	1637.6
-17.5°	1813.1	1833.5	1839.4	1842.3	1848.2	1871.5	1877.4	1862.8	1795.5	1710.7	1634.7
-20°	1833.5	1845.2	1859.8	1865.7	1883.2	1892.0	1892.0	1854.0	1783.8	1704.9	1625.9



REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1859.8	1859.8	1874.5	1883.2	1886.2	1894.9	1892.0	1848.2	1778.0	1693.2	1617.1
-25°	1874.5	1874.5	1886.2	1892.0	1897.9	1897.9	1892.0	1862.8	1772.1	1672.7	1587.9
-27.5°	1886.2	1883.2	1883.2	1886.2	1886.2	1880.3	1868.6	1842.3	1757.5	1649.3	1564.5
-30°	1892.0	1871.5	1871.5	1874.5	1868.6	1862.8	1839.4	1804.3	1734.1	1634.7	1552.8
-32.5°	1880.3	1848.2	1851.1	1856.9	1848.2	1836.5	1813.1	1757.5	1684.4	1605.4	1529.4
-35°	1848.2	1830.6	1827.7	1830.6	1824.8	1807.2	1789.7	1725.3	1652.2	1561.6	1485.5
-37.5°	1795.5	1798.4	1798.4	1798.4	1792.6	1775.0	1760.4	1693.2	1599.6	1506.0	1441.7
-40°	1745.8	1751.7	1754.6	1751.7	1745.8	1722.4	1690.2	1640.5	1555.7	1470.9	1389.0
-42.5°	1707.8	1704.9	1701.9	1696.1	1684.4	1658.1	1628.8	1587.9	1497.2	1409.5	1330.6
-45°	1675.6	1655.1	1640.5	1631.8	1620.1	1590.8	1547.0	1500.2	1421.2	1348.1	1286.7
-47.5°	1596.7	1585.0	1570.3	1558.6	1544.0	1511.9	1459.2	1397.8	1330.6	1266.2	1199.0
-50°	1506.0	1488.5	1473.8	1468.0	1456.3	1430.0	1368.6	1304.2	1231.1	1169.7	1105.4
-52.5°	1392.0	1383.2	1374.4	1368.6	1359.8	1336.4	1272.1	1199.0	1120.0	1067.4	1017.7
-55°	1280.8	1275.0	1266.2	1257.4	1245.7	1228.2	1160.9	1093.7	1029.4	967.9	912.4
-57.5°	1152.2	1152.2	1143.4	1128.8	1114.2	1090.8	1032.3	965.0	897.8	836.3	789.6
-60°	1003.0	997.2	982.6	970.9	956.2	932.8	883.1	824.7	766.2	710.6	663.8
-62.5°	836.3	839.3	833.4	815.9	792.5	769.1	728.1	678.4	628.7	579.0	541.0
-65°	663.8	666.7	660.9	646.3	631.6	614.1	584.9	549.8	511.8	476.7	441.6
-67.5°	535.1	541.0	543.9	526.4	511.8	497.1	476.7	450.3	424.0	400.6	374.3
-70°	435.7	438.6	441.6	426.9	415.2	403.6	388.9	371.4	353.8	333.4	312.9
-72.5°	356.8	359.7	359.7	348.0	339.2	330.4	318.7	304.1	289.5	274.9	257.3
-75°	289.5	292.4	295.4	286.6	277.8	269.0	260.3	248.6	236.9	225.2	210.5
-77.5°	225.2	228.1	228.1	222.2	216.4	210.5	204.7	195.9	187.2	178.4	166.7
-80°	178.4	175.5	175.5	172.5	166.7	160.8	157.9	149.1	143.3	134.5	125.7
-82.5°	102.4	105.3	108.2	111.1	114.0	117.0	117.0	111.1	105.3	99.4	93.6
-85°	55.6	55.6	55.6	58.5	64.3	64.3	67.3	64.3	64.3	61.4	58.5
-87.5°	23.4	26.3	26.3	26.3	29.2	29.2	29.2	26.3	23.4	23.4	20.5
-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: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

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°	2.9	2.9	2.9	5.8	5.8	5.8	2.9	2.9	5.8	5.8	5.8
85°	2.9	5.8	5.8	5.8	5.8	8.8	8.8	8.8	8.8	8.8	8.8
82.5°	2.9	2.9	2.9	5.8	5.8	8.8	8.8	11.7	11.7	8.8	8.8
80°	2.9	2.9	2.9	2.9	5.8	5.8	8.8	8.8	8.8	8.8	8.8
77.5°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8
75°	0.0	2.9	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8
72.5°	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.8	5.8
70°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	2.9	2.9	2.9	2.9
67.5°	0.0	2.9	2.9	2.9	2.9	2.9	2.9	5.8	5.8	2.9	2.9
65°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
60°	5.8	5.8	5.8	8.8	8.8	5.8	5.8	5.8	5.8	2.9	2.9
57.5°	40.9	23.4	20.5	23.4	20.5	17.5	11.7	5.8	5.8	5.8	5.8
55°	111.1	108.2	79.0	55.6	43.9	38.0	26.3	20.5	11.7	8.8	8.8
52.5°	166.7	149.1	140.4	119.9	90.7	70.2	52.6	38.0	23.4	14.6	8.8
50°	225.2	210.5	198.9	181.3	146.2	119.9	90.7	64.3	43.9	29.2	17.5
47.5°	377.2	312.9	277.8	257.3	222.2	178.4	146.2	111.1	73.1	49.7	32.2
45°	488.4	435.7	377.2	339.2	289.5	236.9	198.9	169.6	119.9	76.0	52.6
42.5°	555.6	505.9	450.3	403.6	350.9	295.4	245.6	210.5	175.5	117.0	76.0
40°	608.3	567.3	505.9	470.8	412.3	350.9	292.4	257.3	219.3	169.6	102.4
37.5°	710.6	663.8	596.6	558.5	500.1	409.4	356.8	315.8	269.0	216.4	152.1
35°	848.0	818.8	725.2	660.9	602.4	511.8	421.1	374.3	324.6	266.1	201.8
32.5°	973.8	929.9	842.2	766.2	707.7	617.0	514.7	435.7	383.1	312.9	242.7
30°	1029.4	985.5	921.2	848.0	774.9	690.1	608.3	500.1	435.7	359.7	283.7
27.5°	1055.7	1023.5	967.9	900.7	827.6	748.6	672.6	581.9	482.5	400.6	321.7
25°	1076.1	1044.0	1014.7	944.5	871.4	795.4	719.4	660.9	538.1	441.6	356.8
22.5°	1090.8	1084.9	1067.4	994.3	906.5	848.0	792.5	725.2	611.2	488.4	388.9
20°	1163.9	1172.6	1152.2	1055.7	970.9	927.0	871.4	795.4	684.3	535.1	418.2
17.5°	1289.6	1283.8	1245.7	1152.2	1067.4	1006.0	953.3	871.4	754.5	590.7	465.0
15°	1427.1	1389.0	1324.7	1242.8	1160.9	1090.8	1029.4	932.8	807.1	655.0	514.7
12.5°	1500.2	1438.8	1386.1	1313.0	1242.8	1163.9	1073.2	973.8	851.0	707.7	561.5
10°	1520.6	1473.8	1430.0	1362.7	1277.9	1187.3	1096.6	1006.0	889.0	748.6	605.3
7.5°	1532.3	1491.4	1441.7	1380.3	1295.5	1207.7	1117.1	1032.3	921.2	783.7	646.3
5°	1538.2	1497.2	1447.5	1394.9	1310.1	1222.4	1128.8	1052.7	947.5	810.0	669.7
2.5°	1541.1	1500.2	1453.4	1412.4	1330.6	1231.1	1149.2	1061.5	965.0	830.5	681.4
0°	1541.1	1494.3	1456.3	1430.0	1345.2	1234.1	1160.9	1061.5	970.9	839.3	684.3
-2.5°	1538.2	1511.9	1462.1	1432.9	1368.6	1251.6	1169.7	1067.4	982.6	859.7	704.8
-5°	1564.5	1520.6	1470.9	1435.8	1374.4	1260.4	1169.7	1070.3	985.5	868.5	713.5
-7.5°	1579.1	1526.5	1482.6	1438.8	1371.5	1269.1	1169.7	1079.1	985.5	868.5	725.2
-10°	1579.1	1532.3	1488.5	1438.8	1368.6	1269.1	1172.6	1082.0	982.6	865.6	728.1
-12.5°	1573.3	1529.4	1488.5	1435.8	1362.7	1260.4	1169.7	1076.1	976.7	856.8	728.1
-15°	1573.3	1526.5	1485.5	1427.1	1356.9	1251.6	1169.7	1067.4	965.0	848.0	719.4
-17.5°	1570.3	1526.5	1470.9	1415.4	1342.3	1245.7	1158.0	1055.7	953.3	836.3	707.7
-20°	1564.5	1517.7	1462.1	1406.6	1324.7	1234.1	1137.5	1035.2	935.8	818.8	690.1



REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1555.7	1503.1	1447.5	1386.1	1307.2	1213.6	1114.2	1014.7	909.5	795.4	672.6
-25°	1538.2	1485.5	1430.0	1365.6	1289.6	1193.1	1084.9	988.4	880.2	769.1	649.2
-27.5°	1517.7	1462.1	1409.5	1348.1	1272.1	1172.6	1061.5	953.3	848.0	739.8	619.9
-30°	1485.5	1432.9	1383.2	1333.5	1245.7	1134.6	1023.5	918.2	818.8	704.8	584.9
-32.5°	1453.4	1400.7	1351.0	1289.6	1207.7	1084.9	979.6	880.2	780.8	663.8	546.8
-35°	1421.2	1362.7	1307.2	1239.9	1140.5	1032.3	932.8	836.3	731.1	619.9	505.9
-37.5°	1383.2	1321.8	1260.4	1184.3	1087.8	985.5	880.2	786.6	687.2	570.2	462.0
-40°	1327.6	1275.0	1219.4	1131.7	1038.1	929.9	824.7	734.0	631.6	523.4	421.1
-42.5°	1280.8	1225.3	1155.1	1076.1	979.6	877.3	777.9	678.4	579.0	476.7	380.2
-45°	1216.5	1149.2	1082.0	1014.7	918.2	818.8	716.5	619.9	523.4	426.9	336.3
-47.5°	1128.8	1067.4	1006.0	932.8	851.0	745.7	649.2	555.6	462.0	368.5	295.4
-50°	1044.0	988.4	921.2	845.1	757.4	663.8	573.2	485.4	388.9	315.8	260.3
-52.5°	962.1	903.6	830.5	757.4	663.8	576.1	494.2	409.4	333.4	272.0	225.2
-55°	862.7	810.0	725.2	643.3	567.3	494.2	415.2	350.9	289.5	236.9	195.9
-57.5°	739.8	678.4	611.2	543.9	476.7	418.2	359.7	301.2	251.5	204.7	172.5
-60°	614.1	561.5	508.8	456.2	406.5	356.8	310.0	260.3	216.4	181.3	146.2
-62.5°	503.0	465.0	424.0	380.2	342.1	301.2	263.2	222.2	187.2	155.0	128.7
-65°	415.2	386.0	350.9	315.8	283.7	251.5	216.4	184.2	160.8	134.5	114.0
-67.5°	348.0	318.7	292.4	263.2	233.9	207.6	184.2	160.8	137.4	117.0	102.4
-70°	289.5	266.1	242.7	222.2	198.9	175.5	155.0	137.4	119.9	105.3	90.7
-72.5°	239.8	222.2	204.7	184.2	166.7	149.1	134.5	119.9	105.3	90.7	79.0
-75°	195.9	178.4	163.8	149.1	134.5	122.8	111.1	99.4	87.7	79.0	67.3
-77.5°	155.0	140.4	128.7	117.0	108.2	99.4	90.7	81.9	73.1	67.3	58.5
-80°	117.0	108.2	99.4	90.7	84.8	79.0	70.2	64.3	58.5	52.6	46.8
-82.5°	87.7	81.9	76.0	70.2	64.3	58.5	49.7	43.9	40.9	35.1	32.2
-85°	55.6	52.6	46.8	43.9	40.9	35.1	32.2	26.3	26.3	23.4	20.5
-87.5°	20.5	17.5	17.5	17.5	14.6	14.6	14.6	11.7	11.7	11.7	11.7
-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: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

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°	5.8	5.8	2.9	2.9	2.9	2.9	2.9	0.0	0.0	0.0	0.0
85°	8.8	8.8	8.8	8.8	8.8	5.8	2.9	2.9	2.9	0.0	0.0
82.5°	8.8	8.8	8.8	8.8	8.8	5.8	5.8	2.9	2.9	0.0	0.0
80°	8.8	8.8	8.8	8.8	8.8	5.8	5.8	2.9	2.9	2.9	0.0
77.5°	5.8	8.8	8.8	8.8	8.8	5.8	5.8	2.9	2.9	2.9	0.0
75°	5.8	5.8	8.8	8.8	8.8	5.8	5.8	2.9	2.9	2.9	0.0
72.5°	5.8	5.8	5.8	8.8	8.8	5.8	5.8	2.9	2.9	2.9	2.9
70°	2.9	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9
67.5°	2.9	2.9	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9
65°	2.9	2.9	2.9	2.9	5.8	5.8	5.8	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9	5.8	2.9	2.9	2.9	2.9	2.9
60°	2.9	5.8	5.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9
52.5°	8.8	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9
50°	11.7	8.8	8.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9
47.5°	17.5	11.7	8.8	8.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9
45°	32.2	14.6	14.6	8.8	8.8	5.8	5.8	5.8	2.9	2.9	2.9
42.5°	49.7	29.2	17.5	11.7	8.8	8.8	5.8	5.8	5.8	2.9	2.9
40°	70.2	43.9	26.3	17.5	11.7	8.8	5.8	5.8	5.8	2.9	2.9
37.5°	93.6	58.5	38.0	23.4	14.6	8.8	8.8	5.8	5.8	2.9	2.9
35°	128.7	81.9	49.7	32.2	17.5	11.7	8.8	5.8	5.8	2.9	2.9
32.5°	169.6	105.3	58.5	40.9	23.4	14.6	8.8	8.8	8.8	2.9	2.9
30°	207.6	131.6	79.0	49.7	32.2	17.5	8.8	8.8	8.8	5.8	2.9
27.5°	242.7	166.7	99.4	58.5	38.0	20.5	11.7	8.8	8.8	5.8	2.9
25°	277.8	195.9	122.8	70.2	43.9	23.4	14.6	8.8	8.8	5.8	2.9
22.5°	310.0	225.2	143.3	84.8	52.6	29.2	14.6	8.8	8.8	5.8	2.9
20°	348.0	254.4	169.6	102.4	61.4	35.1	17.5	8.8	8.8	8.8	2.9
17.5°	383.1	286.6	193.0	117.0	70.2	38.0	20.5	11.7	8.8	8.8	2.9
15°	415.2	318.7	213.5	131.6	79.0	43.9	23.4	11.7	8.8	8.8	2.9
12.5°	444.5	348.0	233.9	146.2	87.7	46.8	26.3	11.7	8.8	8.8	5.8
10°	473.7	377.2	251.5	157.9	96.5	52.6	29.2	14.6	8.8	8.8	5.8
7.5°	500.1	400.6	266.1	169.6	102.4	55.6	32.2	14.6	11.7	11.7	5.8
5°	520.5	415.2	277.8	184.2	111.1	58.5	38.0	14.6	11.7	11.7	5.8
2.5°	541.0	429.9	289.5	195.9	117.0	61.4	38.0	17.5	11.7	11.7	5.8
0°	555.6	435.7	295.4	204.7	122.8	64.3	40.9	17.5	11.7	11.7	5.8
-2.5°	579.0	447.4	310.0	210.5	128.7	70.2	40.9	20.5	11.7	11.7	5.8
-5°	593.6	450.3	321.7	210.5	131.6	79.0	43.9	23.4	11.7	11.7	5.8
-7.5°	602.4	450.3	330.4	213.5	137.4	81.9	43.9	26.3	11.7	11.7	5.8
-10°	602.4	456.2	333.4	213.5	137.4	84.8	43.9	26.3	11.7	11.7	5.8
-12.5°	596.6	456.2	333.4	216.4	140.4	84.8	43.9	29.2	14.6	11.7	5.8
-15°	587.8	456.2	327.5	216.4	140.4	84.8	43.9	29.2	14.6	11.7	5.8
-17.5°	579.0	447.4	321.7	213.5	137.4	84.8	46.8	29.2	14.6	11.7	5.8
-20°	564.4	438.6	312.9	204.7	134.5	81.9	49.7	29.2	14.6	8.8	5.8



REPORT NUMBER: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	549.8	424.0	301.2	193.0	131.6	79.0	49.7	29.2	14.6	8.8	5.8
-25°	526.4	406.5	286.6	184.2	122.8	76.0	52.6	29.2	17.5	8.8	5.8
-27.5°	497.1	380.2	269.0	175.5	119.9	73.1	49.7	29.2	17.5	8.8	5.8
-30°	465.0	353.8	245.6	166.7	114.0	73.1	49.7	29.2	17.5	11.7	5.8
-32.5°	432.8	327.5	225.2	155.0	108.2	73.1	49.7	29.2	20.5	11.7	5.8
-35°	397.7	298.3	213.5	149.1	99.4	70.2	46.8	29.2	20.5	11.7	5.8
-37.5°	362.6	272.0	198.9	140.4	96.5	67.3	43.9	29.2	20.5	11.7	5.8
-40°	330.4	251.5	184.2	131.6	90.7	64.3	43.9	29.2	20.5	11.7	8.8
-42.5°	298.3	231.0	169.6	122.8	84.8	61.4	40.9	29.2	17.5	11.7	8.8
-45°	269.0	210.5	155.0	111.1	79.0	55.6	40.9	29.2	17.5	11.7	8.8
-47.5°	236.9	190.1	140.4	102.4	73.1	52.6	38.0	26.3	17.5	11.7	8.8
-50°	210.5	163.8	125.7	90.7	70.2	52.6	38.0	26.3	17.5	11.7	8.8
-52.5°	184.2	146.2	108.2	84.8	64.3	49.7	35.1	23.4	17.5	11.7	8.8
-55°	160.8	125.7	96.5	76.0	61.4	46.8	35.1	23.4	17.5	11.7	8.8
-57.5°	137.4	111.1	87.7	70.2	58.5	43.9	32.2	20.5	14.6	11.7	8.8
-60°	122.8	99.4	81.9	67.3	52.6	40.9	29.2	20.5	14.6	11.7	5.8
-62.5°	108.2	90.7	76.0	61.4	49.7	38.0	29.2	20.5	14.6	11.7	5.8
-65°	96.5	81.9	70.2	58.5	46.8	35.1	26.3	20.5	14.6	11.7	5.8
-67.5°	87.7	73.1	61.4	52.6	43.9	35.1	26.3	17.5	14.6	8.8	5.8
-70°	76.0	67.3	55.6	49.7	40.9	32.2	23.4	17.5	14.6	8.8	5.8
-72.5°	67.3	58.5	52.6	43.9	38.0	29.2	23.4	17.5	11.7	8.8	5.8
-75°	61.4	52.6	46.8	38.0	32.2	26.3	20.5	14.6	11.7	8.8	5.8
-77.5°	52.6	43.9	38.0	32.2	26.3	20.5	17.5	14.6	8.8	8.8	5.8
-80°	40.9	35.1	29.2	26.3	23.4	17.5	14.6	11.7	8.8	5.8	2.9
-82.5°	29.2	26.3	23.4	20.5	17.5	14.6	11.7	8.8	5.8	5.8	2.9
-85°	20.5	17.5	14.6	14.6	11.7	8.8	8.8	5.8	5.8	2.9	2.9
-87.5°	8.8	8.8	8.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	0.0
-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: P640019
 CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	2.9	0.0	0.0	0.0
57.5°	2.9	0.0	0.0	0.0
55°	2.9	0.0	0.0	0.0
52.5°	2.9	0.0	0.0	0.0
50°	2.9	0.0	0.0	0.0
47.5°	2.9	2.9	0.0	0.0
45°	2.9	2.9	0.0	0.0
42.5°	2.9	2.9	0.0	0.0
40°	2.9	2.9	2.9	0.0
37.5°	2.9	2.9	2.9	0.0
35°	2.9	2.9	2.9	0.0
32.5°	2.9	2.9	2.9	0.0
30°	2.9	2.9	2.9	0.0
27.5°	2.9	2.9	2.9	0.0
25°	2.9	2.9	2.9	0.0
22.5°	2.9	2.9	2.9	0.0
20°	2.9	2.9	2.9	0.0
17.5°	2.9	2.9	2.9	0.0
15°	5.8	2.9	2.9	0.0
12.5°	5.8	2.9	2.9	0.0
10°	5.8	2.9	2.9	0.0
7.5°	5.8	2.9	2.9	0.0
5°	5.8	2.9	2.9	0.0
2.5°	5.8	2.9	2.9	0.0
0°	5.8	2.9	2.9	0.0
-2.5°	5.8	2.9	2.9	0.0
-5°	5.8	2.9	2.9	0.0
-7.5°	5.8	2.9	2.9	0.0
-10°	5.8	2.9	2.9	0.0
-12.5°	5.8	2.9	2.9	0.0
-15°	5.8	2.9	2.9	0.0
-17.5°	5.8	2.9	2.9	0.0
-20°	5.8	2.9	2.9	0.0



REPORT NUMBER: P640019
CATALOG NUMBER: IFLD-S-SA6A-AMB-U-LAM-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.8	2.9	2.9	0.0
-25°	5.8	2.9	2.9	0.0
-27.5°	5.8	2.9	2.9	0.0
-30°	5.8	2.9	2.9	0.0
-32.5°	5.8	2.9	2.9	0.0
-35°	2.9	2.9	2.9	0.0
-37.5°	2.9	2.9	2.9	0.0
-40°	2.9	2.9	2.9	0.0
-42.5°	2.9	2.9	2.9	0.0
-45°	2.9	2.9	2.9	0.0
-47.5°	2.9	2.9	2.9	0.0
-50°	2.9	2.9	2.9	0.0
-52.5°	2.9	2.9	2.9	0.0
-55°	2.9	2.9	2.9	0.0
-57.5°	2.9	2.9	2.9	0.0
-60°	2.9	2.9	0.0	0.0
-62.5°	2.9	2.9	0.0	0.0
-65°	2.9	2.9	0.0	0.0
-67.5°	2.9	2.9	0.0	0.0
-70°	2.9	2.9	0.0	0.0
-72.5°	2.9	2.9	0.0	0.0
-75°	2.9	2.9	0.0	0.0
-77.5°	2.9	0.0	0.0	0.0
-80°	2.9	0.0	0.0	0.0
-82.5°	2.9	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)