

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: P639988

Luminaire Tested: **IFLD-S-SA3A-AMB-U-77-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639988
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-AMB-U-77-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 7 distribution lens and VISOR
Light Source: (48) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--|----------------------|----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 2476.9 lumens | Max Intensity: | 1776.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 2.5°H x 0°V |
| Efficacy: | 26.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |

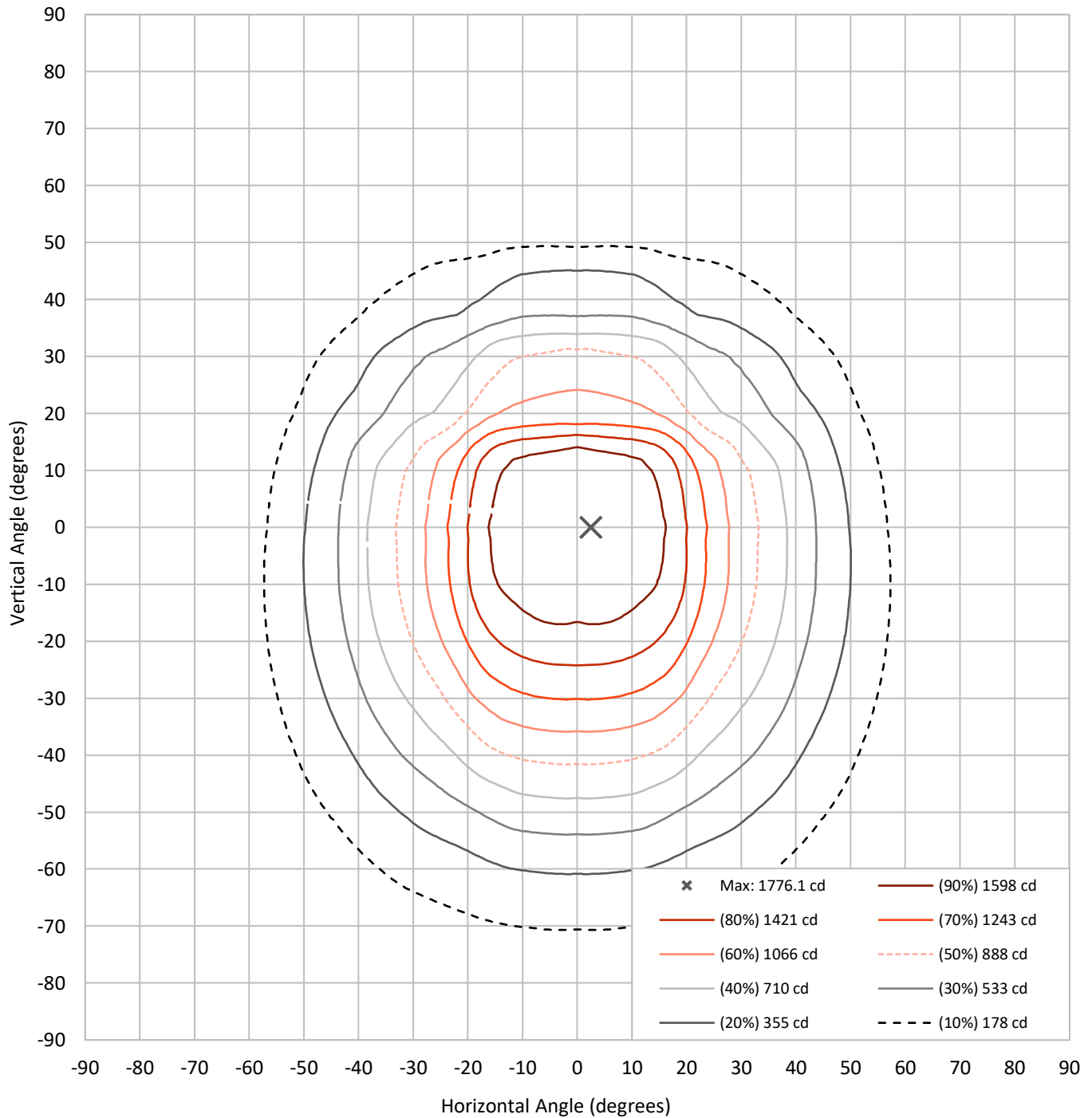
| | | | |
|-------------------|---------------|--------------------|-----------------|
| Beam Angle (50%): | 66.3°H x 73°V | Field Angle (10%): | 113.5°H x 120°V |
| Beam Lumens: | 1445.7 lumens | Field Lumens: | 2354.6 lumens |
| Beam Efficiency: | 58.4% | Field Efficiency: | 95.1% |

Input Watts (W): 94.8
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: 25 FT



REPORT NUMBER: P639988
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

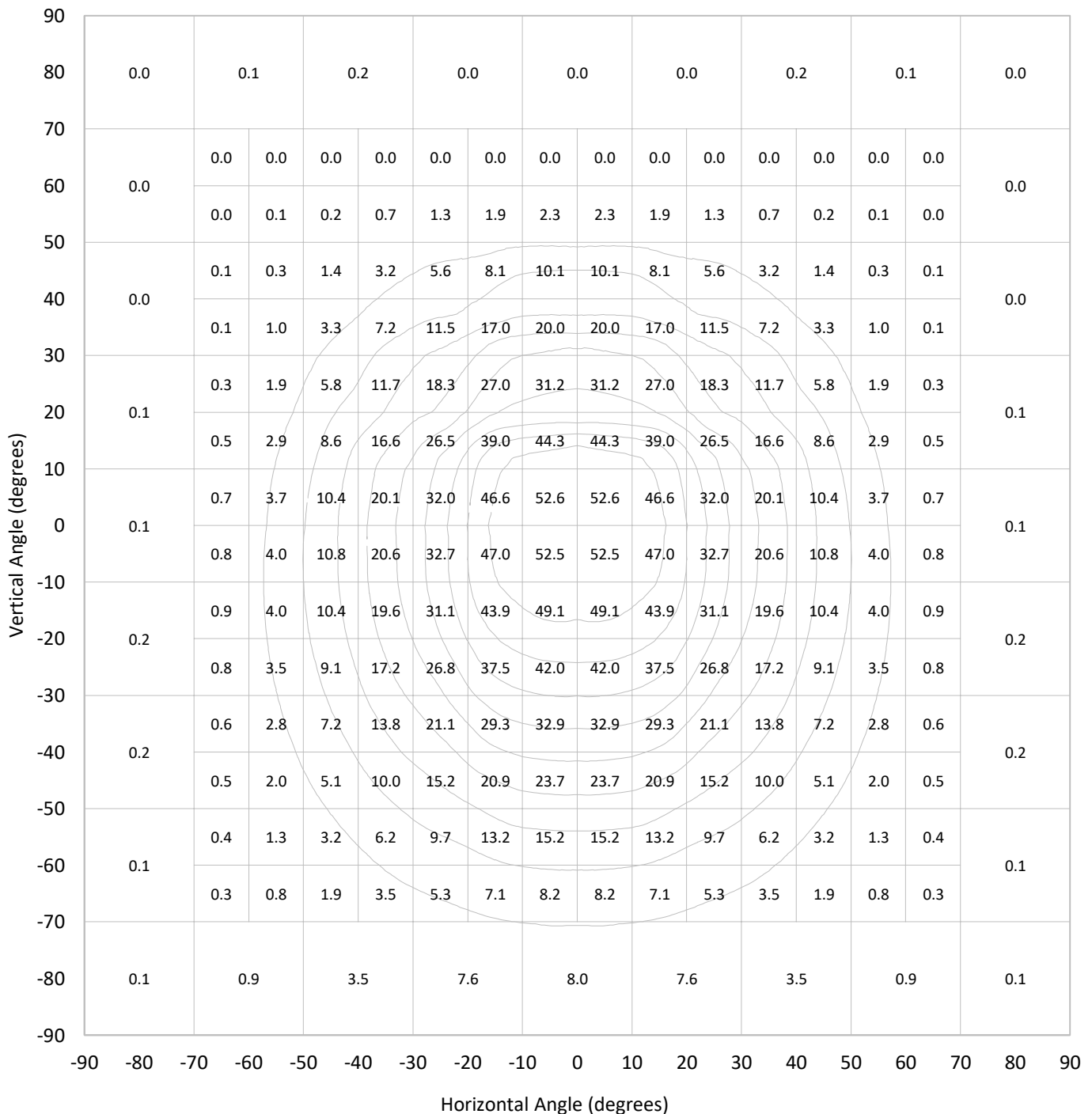
Iso-Candela Plot





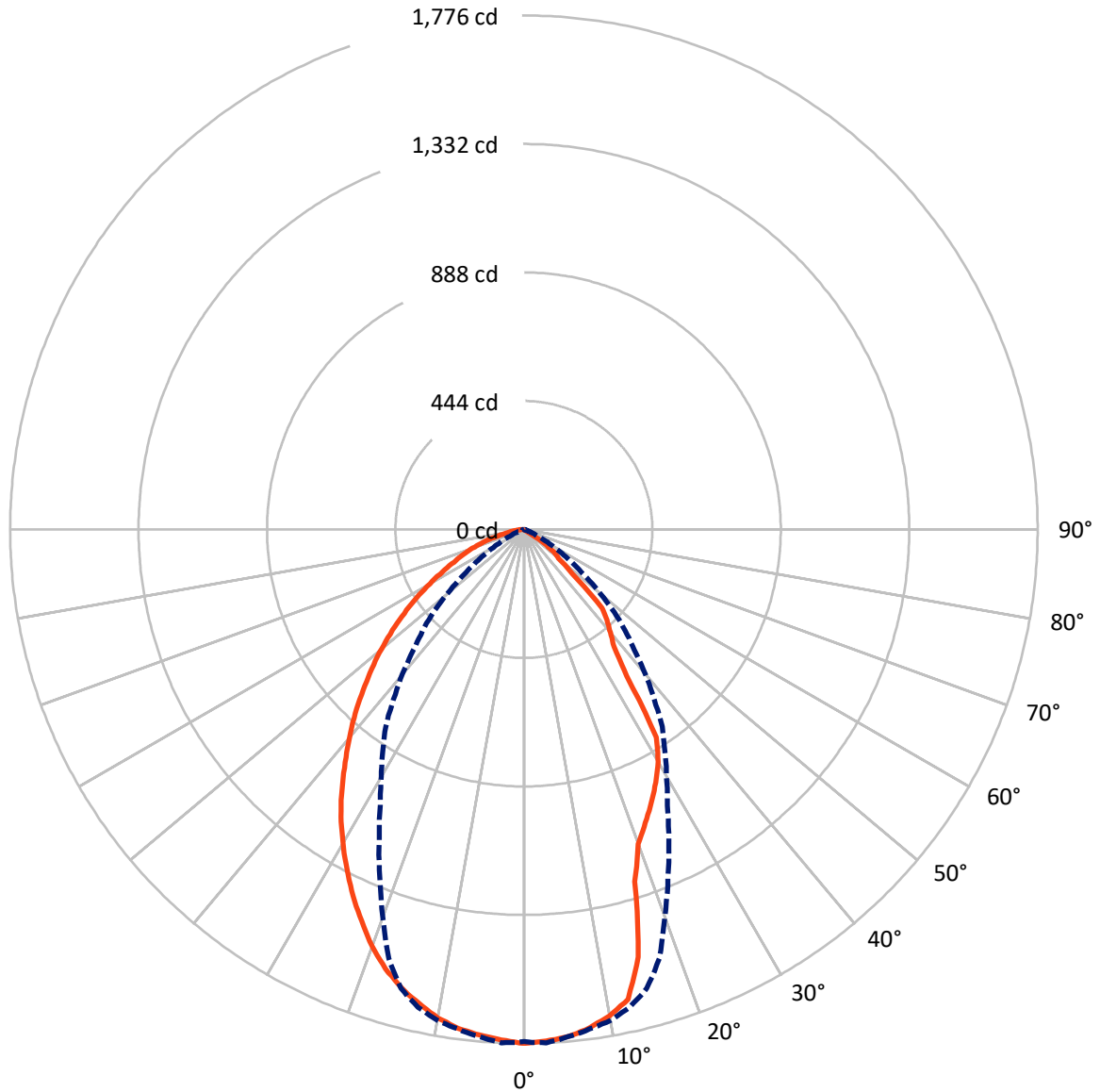
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Lumen Table



REPORT NUMBER: P639988
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

Luminous Intensity Plot



Beam:
 H Angle: 66.3°
 V Angle: 73°
 Lumens: 1445.7
 Efficiency: 58.4%

Field:
 H Angle: 113.5°
 V Angle: 120°
 Lumens: 2354.6
 Efficiency: 95.1%

Spill:
 Lumens: 122.3
 Efficiency: 4.9%

— Vertical Distribution through 2.5-Deg
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 |
| 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 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 1.5 | 3.0 |
| 57.5° | 7.5 | 8.9 | 8.9 | 10.4 | 10.4 | 10.4 | 17.9 | 19.4 | 14.9 | 11.9 | 14.9 |
| 55° | 86.4 | 95.4 | 95.4 | 86.4 | 77.5 | 65.6 | 62.6 | 62.6 | 67.1 | 58.1 | 46.2 |
| 52.5° | 135.6 | 137.1 | 132.6 | 126.7 | 119.2 | 111.8 | 105.8 | 99.8 | 93.9 | 86.4 | 76.0 |
| 50° | 157.9 | 159.4 | 157.9 | 156.5 | 152.0 | 146.0 | 135.6 | 122.2 | 111.8 | 113.2 | 102.8 |
| 47.5° | 217.5 | 226.5 | 232.4 | 238.4 | 236.9 | 222.0 | 198.2 | 174.3 | 165.4 | 160.9 | 152.0 |
| 45° | 381.4 | 382.9 | 371.0 | 359.1 | 345.7 | 318.9 | 290.6 | 271.2 | 241.4 | 225.0 | 219.0 |
| 42.5° | 423.2 | 424.7 | 420.2 | 414.2 | 406.8 | 380.0 | 347.2 | 309.9 | 292.0 | 275.7 | 259.3 |
| 40° | 463.4 | 464.9 | 460.4 | 454.5 | 445.5 | 421.7 | 390.4 | 357.6 | 329.3 | 302.5 | 287.6 |
| 37.5° | 511.1 | 511.1 | 511.1 | 508.1 | 500.6 | 482.8 | 448.5 | 417.2 | 377.0 | 335.3 | 332.3 |
| 35° | 609.4 | 618.4 | 628.8 | 630.3 | 621.3 | 599.0 | 560.2 | 520.0 | 460.4 | 414.2 | 406.8 |
| 32.5° | 844.8 | 852.3 | 828.5 | 806.1 | 782.3 | 770.3 | 727.1 | 646.7 | 600.5 | 527.5 | 490.2 |
| 30° | 931.3 | 928.3 | 916.4 | 903.0 | 888.1 | 868.7 | 812.1 | 739.0 | 669.0 | 613.9 | 564.7 |
| 27.5° | 987.9 | 986.4 | 977.5 | 964.0 | 947.7 | 925.3 | 871.7 | 801.6 | 728.6 | 661.6 | 609.4 |
| 25° | 1046.0 | 1041.5 | 1031.1 | 1017.7 | 1001.3 | 976.0 | 931.3 | 864.2 | 783.7 | 707.8 | 649.6 |
| 22.5° | 1104.1 | 1096.7 | 1083.2 | 1071.3 | 1053.4 | 1031.1 | 995.3 | 922.3 | 834.4 | 758.4 | 692.9 |
| 20° | 1162.2 | 1156.3 | 1145.8 | 1136.9 | 1117.5 | 1093.7 | 1059.4 | 989.4 | 901.5 | 818.0 | 739.0 |
| 17.5° | 1271.0 | 1275.5 | 1274.0 | 1265.0 | 1242.7 | 1223.3 | 1198.0 | 1110.1 | 1022.2 | 907.4 | 828.5 |
| 15° | 1551.1 | 1528.8 | 1504.9 | 1482.6 | 1473.6 | 1431.9 | 1393.2 | 1284.4 | 1178.6 | 1043.0 | 958.1 |
| 12.5° | 1683.7 | 1662.9 | 1649.5 | 1636.0 | 1604.8 | 1579.4 | 1510.9 | 1411.0 | 1276.9 | 1153.3 | 1069.8 |
| 10° | 1724.0 | 1706.1 | 1703.1 | 1682.2 | 1658.4 | 1621.1 | 1567.5 | 1470.6 | 1333.6 | 1211.4 | 1105.6 |
| 7.5° | 1752.3 | 1737.4 | 1726.9 | 1712.0 | 1689.7 | 1650.9 | 1597.3 | 1499.0 | 1370.8 | 1245.7 | 1132.4 |
| 5° | 1770.1 | 1759.7 | 1746.3 | 1731.4 | 1707.6 | 1670.3 | 1615.2 | 1522.8 | 1393.2 | 1268.0 | 1154.8 |
| 2.5° | 1774.6 | 1768.7 | 1758.2 | 1735.9 | 1713.5 | 1677.8 | 1622.6 | 1534.7 | 1405.1 | 1279.9 | 1166.7 |
| 0° | 1770.1 | 1776.1 | 1759.7 | 1741.8 | 1722.5 | 1691.2 | 1642.0 | 1555.6 | 1425.9 | 1302.3 | 1184.6 |
| -2.5° | 1735.9 | 1765.7 | 1759.7 | 1737.4 | 1713.5 | 1677.8 | 1624.1 | 1543.7 | 1415.5 | 1285.9 | 1172.6 |
| -5° | 1735.9 | 1753.8 | 1741.8 | 1737.4 | 1712.0 | 1676.3 | 1625.6 | 1545.1 | 1423.0 | 1293.3 | 1177.1 |
| -7.5° | 1724.0 | 1738.9 | 1726.9 | 1712.0 | 1698.6 | 1662.9 | 1613.7 | 1534.7 | 1418.5 | 1290.4 | 1174.1 |
| -10° | 1697.1 | 1713.5 | 1706.1 | 1689.7 | 1662.9 | 1636.0 | 1592.8 | 1524.3 | 1403.6 | 1276.9 | 1163.7 |
| -12.5° | 1665.8 | 1677.8 | 1674.8 | 1658.4 | 1630.1 | 1598.8 | 1558.6 | 1493.0 | 1379.8 | 1256.1 | 1142.8 |
| -15° | 1628.6 | 1639.0 | 1637.5 | 1619.7 | 1591.3 | 1557.1 | 1512.4 | 1446.8 | 1344.0 | 1227.8 | 1122.0 |
| -17.5° | 1582.4 | 1591.3 | 1589.8 | 1570.5 | 1546.6 | 1510.9 | 1466.2 | 1402.1 | 1300.8 | 1190.5 | 1089.2 |
| -20° | 1524.3 | 1533.2 | 1530.2 | 1512.4 | 1488.5 | 1457.2 | 1414.0 | 1347.0 | 1253.1 | 1148.8 | 1053.4 |



REPORT NUMBER: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1466.2 | 1464.7 | 1463.2 | 1449.8 | 1427.4 | 1397.6 | 1360.4 | 1288.9 | 1198.0 | 1101.1 | 1011.7 |
| -25° | 1400.6 | 1397.6 | 1394.7 | 1382.7 | 1360.4 | 1332.1 | 1293.3 | 1233.7 | 1142.8 | 1046.0 | 961.1 |
| -27.5° | 1320.2 | 1324.6 | 1321.6 | 1309.7 | 1290.4 | 1263.5 | 1221.8 | 1171.2 | 1086.2 | 993.8 | 908.9 |
| -30° | 1247.1 | 1251.6 | 1245.7 | 1235.2 | 1215.9 | 1192.0 | 1150.3 | 1096.7 | 1025.1 | 940.2 | 862.7 |
| -32.5° | 1175.6 | 1177.1 | 1168.2 | 1157.7 | 1139.9 | 1116.0 | 1080.3 | 1022.2 | 955.1 | 880.6 | 812.1 |
| -35° | 1092.2 | 1096.7 | 1089.2 | 1078.8 | 1063.9 | 1041.5 | 1013.2 | 953.6 | 886.6 | 816.5 | 758.4 |
| -37.5° | 1011.7 | 1014.7 | 1010.2 | 1001.3 | 987.9 | 965.5 | 938.7 | 888.1 | 822.5 | 756.9 | 704.8 |
| -40° | 938.7 | 937.2 | 931.3 | 923.8 | 911.9 | 889.5 | 862.7 | 821.0 | 761.4 | 701.8 | 649.6 |
| -42.5° | 859.7 | 862.7 | 856.8 | 849.3 | 838.9 | 815.0 | 786.7 | 752.5 | 698.8 | 646.7 | 597.5 |
| -45° | 785.2 | 785.2 | 780.8 | 774.8 | 764.4 | 742.0 | 710.7 | 679.4 | 633.3 | 590.0 | 549.8 |
| -47.5° | 712.2 | 713.7 | 709.2 | 701.8 | 692.9 | 672.0 | 640.7 | 606.4 | 569.2 | 533.4 | 497.7 |
| -50° | 639.2 | 642.2 | 637.7 | 631.8 | 622.8 | 604.9 | 575.1 | 540.9 | 506.6 | 476.8 | 447.0 |
| -52.5° | 570.7 | 572.2 | 567.7 | 561.7 | 554.3 | 540.9 | 511.1 | 481.3 | 448.5 | 423.2 | 397.8 |
| -55° | 503.6 | 505.1 | 502.1 | 496.2 | 488.7 | 476.8 | 451.5 | 423.2 | 394.9 | 369.5 | 348.7 |
| -57.5° | 439.6 | 441.0 | 436.6 | 430.6 | 423.2 | 414.2 | 391.9 | 366.5 | 339.7 | 317.4 | 299.5 |
| -60° | 374.0 | 375.5 | 374.0 | 368.0 | 360.6 | 351.6 | 333.8 | 312.9 | 292.0 | 272.7 | 257.8 |
| -62.5° | 318.9 | 317.4 | 312.9 | 308.4 | 302.5 | 295.0 | 281.6 | 265.2 | 248.8 | 232.4 | 219.0 |
| -65° | 265.2 | 266.7 | 265.2 | 259.3 | 253.3 | 247.3 | 238.4 | 225.0 | 213.1 | 199.7 | 189.2 |
| -67.5° | 226.5 | 225.0 | 225.0 | 219.0 | 214.6 | 210.1 | 201.2 | 192.2 | 181.8 | 171.4 | 160.9 |
| -70° | 187.7 | 189.2 | 189.2 | 183.3 | 180.3 | 175.8 | 169.9 | 162.4 | 153.5 | 146.0 | 137.1 |
| -72.5° | 146.0 | 147.5 | 149.0 | 146.0 | 146.0 | 144.5 | 141.6 | 135.6 | 129.6 | 123.7 | 117.7 |
| -75° | 102.8 | 105.8 | 107.3 | 110.3 | 111.8 | 114.7 | 116.2 | 111.8 | 105.8 | 101.3 | 96.9 |
| -77.5° | 68.5 | 71.5 | 73.0 | 77.5 | 82.0 | 84.9 | 87.9 | 86.4 | 83.4 | 80.5 | 77.5 |
| -80° | 44.7 | 46.2 | 47.7 | 53.6 | 56.6 | 61.1 | 65.6 | 64.1 | 62.6 | 61.1 | 59.6 |
| -82.5° | 26.8 | 28.3 | 29.8 | 34.3 | 38.7 | 41.7 | 46.2 | 44.7 | 44.7 | 43.2 | 43.2 |
| -85° | 14.9 | 16.4 | 17.9 | 20.9 | 23.8 | 26.8 | 28.3 | 26.8 | 26.8 | 25.3 | 23.8 |
| -87.5° | 7.5 | 8.9 | 8.9 | 10.4 | 11.9 | 11.9 | 13.4 | 11.9 | 11.9 | 11.9 | 10.4 |
| -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: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-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° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 85° | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 82.5° | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 80° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 77.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 75° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 |
| 72.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 |
| 70° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 |
| 67.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 1.5 | 1.5 |
| 65° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 62.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 60° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 3.0 | 1.5 | 1.5 |
| 57.5° | 14.9 | 8.9 | 7.5 | 8.9 | 7.5 | 7.5 | 4.5 | 3.0 | 3.0 | 3.0 | 3.0 |
| 55° | 38.7 | 37.3 | 28.3 | 20.9 | 17.9 | 14.9 | 10.4 | 7.5 | 4.5 | 4.5 | 4.5 |
| 52.5° | 64.1 | 55.1 | 50.7 | 43.2 | 34.3 | 28.3 | 20.9 | 14.9 | 8.9 | 6.0 | 4.5 |
| 50° | 86.4 | 80.5 | 73.0 | 64.1 | 53.6 | 44.7 | 35.8 | 25.3 | 17.9 | 11.9 | 7.5 |
| 47.5° | 137.1 | 119.2 | 107.3 | 95.4 | 77.5 | 65.6 | 55.1 | 43.2 | 29.8 | 19.4 | 13.4 |
| 45° | 196.7 | 166.9 | 146.0 | 134.1 | 111.8 | 89.4 | 74.5 | 64.1 | 46.2 | 29.8 | 20.9 |
| 42.5° | 241.4 | 214.6 | 183.3 | 160.9 | 140.1 | 117.7 | 95.4 | 80.5 | 64.1 | 44.7 | 28.3 |
| 40° | 272.7 | 247.3 | 219.0 | 195.2 | 165.4 | 141.6 | 119.2 | 101.3 | 83.4 | 62.6 | 38.7 |
| 37.5° | 312.9 | 287.6 | 260.8 | 236.9 | 204.1 | 165.4 | 144.5 | 125.2 | 104.3 | 80.5 | 55.1 |
| 35° | 394.9 | 347.2 | 315.9 | 286.1 | 248.8 | 207.1 | 171.4 | 150.5 | 126.7 | 99.8 | 73.0 |
| 32.5° | 482.8 | 441.0 | 380.0 | 342.7 | 305.5 | 251.8 | 210.1 | 175.8 | 149.0 | 120.7 | 89.4 |
| 30° | 537.9 | 496.2 | 444.0 | 397.8 | 347.2 | 295.0 | 248.8 | 205.6 | 172.8 | 140.1 | 107.3 |
| 27.5° | 570.7 | 537.9 | 488.7 | 435.1 | 384.4 | 329.3 | 283.1 | 239.9 | 193.7 | 157.9 | 123.7 |
| 25° | 606.4 | 567.7 | 529.0 | 469.4 | 414.2 | 359.1 | 311.4 | 271.2 | 216.1 | 174.3 | 138.6 |
| 22.5° | 639.2 | 603.5 | 563.2 | 505.1 | 442.5 | 388.9 | 348.7 | 301.0 | 244.4 | 192.2 | 153.5 |
| 20° | 695.8 | 658.6 | 606.4 | 540.9 | 482.8 | 436.6 | 388.9 | 335.3 | 271.2 | 208.6 | 166.9 |
| 17.5° | 788.2 | 734.6 | 661.6 | 596.0 | 540.9 | 485.7 | 429.1 | 375.5 | 298.0 | 229.5 | 184.8 |
| 15° | 898.5 | 819.5 | 736.1 | 660.1 | 597.5 | 536.4 | 470.8 | 406.8 | 327.8 | 256.3 | 202.6 |
| 12.5° | 974.5 | 880.6 | 804.6 | 725.6 | 654.1 | 582.6 | 503.6 | 430.6 | 354.6 | 278.6 | 219.0 |
| 10° | 1010.2 | 925.3 | 856.8 | 776.3 | 685.4 | 602.0 | 524.5 | 451.5 | 377.0 | 298.0 | 235.4 |
| 7.5° | 1034.1 | 950.6 | 874.6 | 797.2 | 703.3 | 619.8 | 540.9 | 467.9 | 396.3 | 314.4 | 251.8 |
| 5° | 1049.0 | 962.6 | 886.6 | 810.6 | 716.7 | 631.8 | 551.3 | 482.8 | 411.2 | 327.8 | 262.2 |
| 2.5° | 1057.9 | 974.5 | 898.5 | 825.5 | 731.6 | 645.2 | 561.7 | 491.7 | 421.7 | 339.7 | 269.7 |
| 0° | 1075.8 | 986.4 | 907.4 | 832.9 | 740.5 | 652.6 | 564.7 | 494.7 | 424.7 | 345.7 | 272.7 |
| -2.5° | 1068.3 | 981.9 | 903.0 | 832.9 | 743.5 | 654.1 | 570.7 | 496.2 | 427.6 | 354.6 | 278.6 |
| -5° | 1074.3 | 983.4 | 901.5 | 827.0 | 740.5 | 649.6 | 569.2 | 493.2 | 426.1 | 357.6 | 280.1 |
| -7.5° | 1072.8 | 983.4 | 901.5 | 824.0 | 740.5 | 651.1 | 569.2 | 493.2 | 426.1 | 357.6 | 281.6 |
| -10° | 1065.4 | 977.5 | 895.5 | 818.0 | 734.6 | 648.2 | 566.2 | 490.2 | 423.2 | 354.6 | 283.1 |
| -12.5° | 1050.5 | 965.5 | 883.6 | 806.1 | 724.1 | 639.2 | 557.3 | 484.3 | 418.7 | 350.2 | 281.6 |
| -15° | 1029.6 | 946.2 | 865.7 | 789.7 | 710.7 | 627.3 | 545.3 | 475.3 | 411.2 | 342.7 | 278.6 |
| -17.5° | 1002.8 | 922.3 | 843.4 | 768.8 | 692.9 | 612.4 | 533.4 | 467.9 | 400.8 | 335.3 | 271.2 |
| -20° | 968.5 | 892.5 | 819.5 | 746.5 | 672.0 | 593.0 | 518.5 | 451.5 | 388.9 | 324.8 | 263.7 |



REPORT NUMBER: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 929.8 | 861.2 | 789.7 | 719.7 | 648.2 | 570.7 | 499.2 | 435.1 | 374.0 | 312.9 | 254.8 |
| -25° | 891.0 | 825.5 | 758.4 | 691.4 | 621.3 | 548.3 | 478.3 | 415.7 | 357.6 | 299.5 | 244.4 |
| -27.5° | 844.8 | 783.7 | 722.7 | 660.1 | 594.5 | 524.5 | 457.4 | 397.8 | 341.2 | 283.1 | 232.4 |
| -30° | 797.2 | 740.5 | 685.4 | 630.3 | 564.7 | 497.7 | 433.6 | 377.0 | 321.8 | 268.2 | 219.0 |
| -32.5° | 751.0 | 697.3 | 646.7 | 591.5 | 533.4 | 467.9 | 409.8 | 354.6 | 301.0 | 250.3 | 202.6 |
| -35° | 704.8 | 655.6 | 606.4 | 554.3 | 496.2 | 436.6 | 382.9 | 329.3 | 280.1 | 232.4 | 189.2 |
| -37.5° | 657.1 | 612.4 | 566.2 | 515.5 | 460.4 | 406.8 | 353.1 | 305.5 | 260.8 | 214.6 | 174.3 |
| -40° | 607.9 | 567.7 | 527.5 | 478.3 | 429.1 | 375.5 | 324.8 | 280.1 | 238.4 | 196.7 | 162.4 |
| -42.5° | 560.2 | 523.0 | 484.3 | 441.0 | 393.4 | 344.2 | 298.0 | 256.3 | 217.5 | 181.8 | 149.0 |
| -45° | 512.6 | 476.8 | 441.0 | 402.3 | 356.1 | 309.9 | 271.2 | 233.9 | 198.2 | 165.4 | 135.6 |
| -47.5° | 463.4 | 432.1 | 396.3 | 359.1 | 318.9 | 278.6 | 242.9 | 210.1 | 177.3 | 147.5 | 122.2 |
| -50° | 417.2 | 387.4 | 354.6 | 317.4 | 280.1 | 247.3 | 216.1 | 186.3 | 156.5 | 131.1 | 108.8 |
| -52.5° | 374.0 | 345.7 | 312.9 | 280.1 | 247.3 | 217.5 | 190.7 | 163.9 | 137.1 | 116.2 | 98.3 |
| -55° | 326.3 | 304.0 | 274.2 | 245.9 | 217.5 | 192.2 | 166.9 | 144.5 | 122.2 | 102.8 | 86.4 |
| -57.5° | 281.6 | 263.7 | 239.9 | 214.6 | 190.7 | 168.4 | 149.0 | 128.1 | 108.8 | 92.4 | 77.5 |
| -60° | 242.9 | 226.5 | 207.1 | 186.3 | 166.9 | 149.0 | 131.1 | 113.2 | 96.9 | 82.0 | 68.5 |
| -62.5° | 207.1 | 193.7 | 178.8 | 162.4 | 146.0 | 129.6 | 114.7 | 99.8 | 84.9 | 71.5 | 61.1 |
| -65° | 177.3 | 165.4 | 153.5 | 140.1 | 125.2 | 111.8 | 98.3 | 84.9 | 74.5 | 62.6 | 53.6 |
| -67.5° | 152.0 | 141.6 | 131.1 | 119.2 | 107.3 | 95.4 | 84.9 | 74.5 | 64.1 | 55.1 | 47.7 |
| -70° | 128.1 | 120.7 | 111.8 | 101.3 | 92.4 | 82.0 | 71.5 | 64.1 | 55.1 | 47.7 | 41.7 |
| -72.5° | 110.3 | 102.8 | 95.4 | 86.4 | 79.0 | 70.0 | 62.6 | 55.1 | 47.7 | 41.7 | 35.8 |
| -75° | 90.9 | 84.9 | 79.0 | 71.5 | 64.1 | 56.6 | 49.2 | 43.2 | 38.7 | 34.3 | 31.3 |
| -77.5° | 73.0 | 67.1 | 61.1 | 56.6 | 49.2 | 43.2 | 37.3 | 32.8 | 29.8 | 26.8 | 25.3 |
| -80° | 55.1 | 52.2 | 47.7 | 43.2 | 37.3 | 31.3 | 26.8 | 22.4 | 20.9 | 20.9 | 19.4 |
| -82.5° | 40.2 | 37.3 | 34.3 | 31.3 | 26.8 | 23.8 | 19.4 | 16.4 | 14.9 | 14.9 | 13.4 |
| -85° | 22.4 | 22.4 | 20.9 | 19.4 | 17.9 | 14.9 | 11.9 | 10.4 | 10.4 | 8.9 | 8.9 |
| -87.5° | 10.4 | 8.9 | 8.9 | 8.9 | 7.5 | 7.5 | 6.0 | 6.0 | 4.5 | 4.5 | 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: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-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° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 |
| 82.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 |
| 80° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 |
| 77.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 |
| 75° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 |
| 72.5° | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 70° | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 67.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 65° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 62.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 60° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 57.5° | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 55° | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 52.5° | 4.5 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 50° | 6.0 | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 47.5° | 7.5 | 6.0 | 4.5 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 45° | 13.4 | 7.5 | 6.0 | 4.5 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| 42.5° | 19.4 | 11.9 | 7.5 | 6.0 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| 40° | 26.8 | 17.9 | 10.4 | 7.5 | 4.5 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 |
| 37.5° | 35.8 | 23.8 | 14.9 | 8.9 | 6.0 | 4.5 | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 |
| 35° | 47.7 | 31.3 | 19.4 | 11.9 | 7.5 | 6.0 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 |
| 32.5° | 62.6 | 40.2 | 25.3 | 14.9 | 8.9 | 6.0 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 |
| 30° | 76.0 | 49.2 | 32.8 | 19.4 | 11.9 | 7.5 | 4.5 | 4.5 | 3.0 | 1.5 | 1.5 |
| 27.5° | 90.9 | 62.6 | 38.7 | 23.8 | 14.9 | 8.9 | 6.0 | 4.5 | 3.0 | 1.5 | 1.5 |
| 25° | 104.3 | 73.0 | 47.7 | 28.3 | 17.9 | 10.4 | 6.0 | 4.5 | 3.0 | 3.0 | 1.5 |
| 22.5° | 117.7 | 83.4 | 55.1 | 34.3 | 20.9 | 11.9 | 7.5 | 4.5 | 3.0 | 3.0 | 1.5 |
| 20° | 132.6 | 95.4 | 64.1 | 40.2 | 25.3 | 14.9 | 7.5 | 4.5 | 4.5 | 3.0 | 1.5 |
| 17.5° | 146.0 | 107.3 | 73.0 | 46.2 | 28.3 | 16.4 | 8.9 | 6.0 | 4.5 | 3.0 | 1.5 |
| 15° | 159.4 | 117.7 | 82.0 | 52.2 | 31.3 | 19.4 | 10.4 | 6.0 | 4.5 | 3.0 | 1.5 |
| 12.5° | 171.4 | 128.1 | 89.4 | 56.6 | 35.8 | 20.9 | 11.9 | 6.0 | 4.5 | 3.0 | 1.5 |
| 10° | 183.3 | 137.1 | 95.4 | 62.6 | 38.7 | 22.4 | 13.4 | 7.5 | 4.5 | 3.0 | 1.5 |
| 7.5° | 195.2 | 146.0 | 101.3 | 67.1 | 41.7 | 25.3 | 13.4 | 7.5 | 4.5 | 3.0 | 1.5 |
| 5° | 201.2 | 152.0 | 105.8 | 71.5 | 44.7 | 26.8 | 16.4 | 7.5 | 4.5 | 3.0 | 1.5 |
| 2.5° | 207.1 | 159.4 | 110.3 | 76.0 | 47.7 | 26.8 | 16.4 | 8.9 | 4.5 | 3.0 | 1.5 |
| 0° | 210.1 | 163.9 | 113.2 | 79.0 | 49.2 | 28.3 | 17.9 | 8.9 | 4.5 | 3.0 | 1.5 |
| -2.5° | 217.5 | 168.4 | 117.7 | 82.0 | 52.2 | 31.3 | 19.4 | 10.4 | 4.5 | 3.0 | 1.5 |
| -5° | 222.0 | 171.4 | 122.2 | 83.4 | 55.1 | 34.3 | 19.4 | 10.4 | 6.0 | 3.0 | 1.5 |
| -7.5° | 225.0 | 172.8 | 123.7 | 84.9 | 56.6 | 35.8 | 19.4 | 11.9 | 6.0 | 3.0 | 1.5 |
| -10° | 225.0 | 172.8 | 125.2 | 86.4 | 58.1 | 37.3 | 20.9 | 11.9 | 6.0 | 3.0 | 1.5 |
| -12.5° | 223.5 | 171.4 | 125.2 | 86.4 | 59.6 | 37.3 | 20.9 | 11.9 | 6.0 | 3.0 | 1.5 |
| -15° | 220.5 | 169.9 | 123.7 | 86.4 | 59.6 | 37.3 | 20.9 | 13.4 | 6.0 | 3.0 | 1.5 |
| -17.5° | 216.1 | 165.4 | 122.2 | 84.9 | 58.1 | 37.3 | 22.4 | 13.4 | 6.0 | 4.5 | 1.5 |
| -20° | 210.1 | 160.9 | 119.2 | 83.4 | 56.6 | 37.3 | 22.4 | 13.4 | 6.0 | 4.5 | 3.0 |



REPORT NUMBER: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-------|-------|-------|-------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 202.6 | 155.0 | 114.7 | 80.5 | 55.1 | 35.8 | 22.4 | 13.4 | 7.5 | 4.5 | 3.0 |
| -25° | 193.7 | 149.0 | 110.3 | 76.0 | 53.6 | 34.3 | 22.4 | 13.4 | 7.5 | 4.5 | 3.0 |
| -27.5° | 183.3 | 141.6 | 104.3 | 73.0 | 50.7 | 34.3 | 22.4 | 13.4 | 7.5 | 4.5 | 3.0 |
| -30° | 171.4 | 134.1 | 98.3 | 70.0 | 49.2 | 32.8 | 20.9 | 11.9 | 7.5 | 4.5 | 1.5 |
| -32.5° | 162.4 | 126.7 | 92.4 | 65.6 | 47.7 | 31.3 | 20.9 | 11.9 | 7.5 | 4.5 | 3.0 |
| -35° | 152.0 | 119.2 | 87.9 | 62.6 | 44.7 | 29.8 | 19.4 | 11.9 | 7.5 | 4.5 | 3.0 |
| -37.5° | 141.6 | 110.3 | 83.4 | 61.1 | 43.2 | 28.3 | 19.4 | 11.9 | 7.5 | 4.5 | 3.0 |
| -40° | 132.6 | 102.8 | 77.5 | 56.6 | 40.2 | 26.8 | 17.9 | 11.9 | 7.5 | 4.5 | 3.0 |
| -42.5° | 122.2 | 95.4 | 73.0 | 53.6 | 37.3 | 25.3 | 16.4 | 11.9 | 7.5 | 4.5 | 3.0 |
| -45° | 111.8 | 87.9 | 67.1 | 49.2 | 34.3 | 23.8 | 16.4 | 10.4 | 7.5 | 4.5 | 3.0 |
| -47.5° | 99.8 | 80.5 | 61.1 | 44.7 | 32.8 | 22.4 | 14.9 | 10.4 | 7.5 | 4.5 | 3.0 |
| -50° | 90.9 | 71.5 | 55.1 | 40.2 | 29.8 | 22.4 | 14.9 | 10.4 | 7.5 | 4.5 | 3.0 |
| -52.5° | 80.5 | 64.1 | 49.2 | 37.3 | 28.3 | 20.9 | 14.9 | 10.4 | 7.5 | 4.5 | 3.0 |
| -55° | 71.5 | 56.6 | 44.7 | 34.3 | 26.8 | 19.4 | 14.9 | 10.4 | 7.5 | 4.5 | 3.0 |
| -57.5° | 64.1 | 50.7 | 40.2 | 32.8 | 25.3 | 19.4 | 13.4 | 8.9 | 6.0 | 4.5 | 3.0 |
| -60° | 56.6 | 46.2 | 37.3 | 31.3 | 23.8 | 17.9 | 13.4 | 8.9 | 6.0 | 4.5 | 3.0 |
| -62.5° | 50.7 | 41.7 | 34.3 | 28.3 | 22.4 | 16.4 | 11.9 | 8.9 | 6.0 | 4.5 | 3.0 |
| -65° | 44.7 | 38.7 | 31.3 | 26.8 | 20.9 | 16.4 | 11.9 | 7.5 | 6.0 | 3.0 | 3.0 |
| -67.5° | 40.2 | 34.3 | 28.3 | 23.8 | 19.4 | 14.9 | 11.9 | 7.5 | 4.5 | 3.0 | 3.0 |
| -70° | 35.8 | 29.8 | 25.3 | 22.4 | 17.9 | 13.4 | 10.4 | 7.5 | 4.5 | 3.0 | 3.0 |
| -72.5° | 31.3 | 26.8 | 23.8 | 19.4 | 16.4 | 11.9 | 8.9 | 6.0 | 4.5 | 3.0 | 3.0 |
| -75° | 28.3 | 23.8 | 20.9 | 17.9 | 14.9 | 10.4 | 7.5 | 6.0 | 3.0 | 3.0 | 1.5 |
| -77.5° | 23.8 | 19.4 | 16.4 | 14.9 | 11.9 | 8.9 | 7.5 | 4.5 | 3.0 | 3.0 | 1.5 |
| -80° | 17.9 | 14.9 | 13.4 | 11.9 | 10.4 | 7.5 | 6.0 | 4.5 | 3.0 | 1.5 | 1.5 |
| -82.5° | 13.4 | 11.9 | 10.4 | 8.9 | 7.5 | 6.0 | 4.5 | 3.0 | 3.0 | 1.5 | 1.5 |
| -85° | 8.9 | 7.5 | 6.0 | 6.0 | 4.5 | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| -87.5° | 4.5 | 4.5 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 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: P639988
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-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° | 1.5 | 0.0 | 0.0 | 0.0 |
| 57.5° | 1.5 | 0.0 | 0.0 | 0.0 |
| 55° | 1.5 | 0.0 | 0.0 | 0.0 |
| 52.5° | 1.5 | 0.0 | 0.0 | 0.0 |
| 50° | 1.5 | 0.0 | 0.0 | 0.0 |
| 47.5° | 1.5 | 0.0 | 0.0 | 0.0 |
| 45° | 1.5 | 0.0 | 0.0 | 0.0 |
| 42.5° | 1.5 | 0.0 | 0.0 | 0.0 |
| 40° | 1.5 | 1.5 | 0.0 | 0.0 |
| 37.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 35° | 1.5 | 1.5 | 0.0 | 0.0 |
| 32.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 30° | 1.5 | 1.5 | 0.0 | 0.0 |
| 27.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 25° | 1.5 | 1.5 | 0.0 | 0.0 |
| 22.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 20° | 1.5 | 1.5 | 0.0 | 0.0 |
| 17.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 15° | 1.5 | 1.5 | 0.0 | 0.0 |
| 12.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 10° | 1.5 | 1.5 | 0.0 | 0.0 |
| 7.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 2.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| 0° | 1.5 | 1.5 | 0.0 | 0.0 |
| -2.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -7.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -10° | 1.5 | 1.5 | 0.0 | 0.0 |
| -12.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -15° | 1.5 | 1.5 | 0.0 | 0.0 |
| -17.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -20° | 1.5 | 1.5 | 0.0 | 0.0 |



REPORT NUMBER: P639988
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-77-VI

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| -22.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -25° | 1.5 | 1.5 | 0.0 | 0.0 |
| -27.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -30° | 1.5 | 1.5 | 0.0 | 0.0 |
| -32.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -35° | 1.5 | 1.5 | 0.0 | 0.0 |
| -37.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -40° | 1.5 | 1.5 | 0.0 | 0.0 |
| -42.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -45° | 1.5 | 1.5 | 0.0 | 0.0 |
| -47.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -50° | 1.5 | 1.5 | 0.0 | 0.0 |
| -52.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -55° | 1.5 | 1.5 | 0.0 | 0.0 |
| -57.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -60° | 1.5 | 1.5 | 0.0 | 0.0 |
| -62.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -65° | 1.5 | 1.5 | 0.0 | 0.0 |
| -67.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -70° | 1.5 | 1.5 | 0.0 | 0.0 |
| -72.5° | 1.5 | 1.5 | 0.0 | 0.0 |
| -75° | 1.5 | 0.0 | 0.0 | 0.0 |
| -77.5° | 1.5 | 0.0 | 0.0 | 0.0 |
| -80° | 1.5 | 0.0 | 0.0 | 0.0 |
| -82.5° | 0.0 | 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)