

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P331550-840

Luminaire Tested: **S122DIW-S675D1440U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331550-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIW-S675D1440U840-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1440 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8011.1 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Indirect

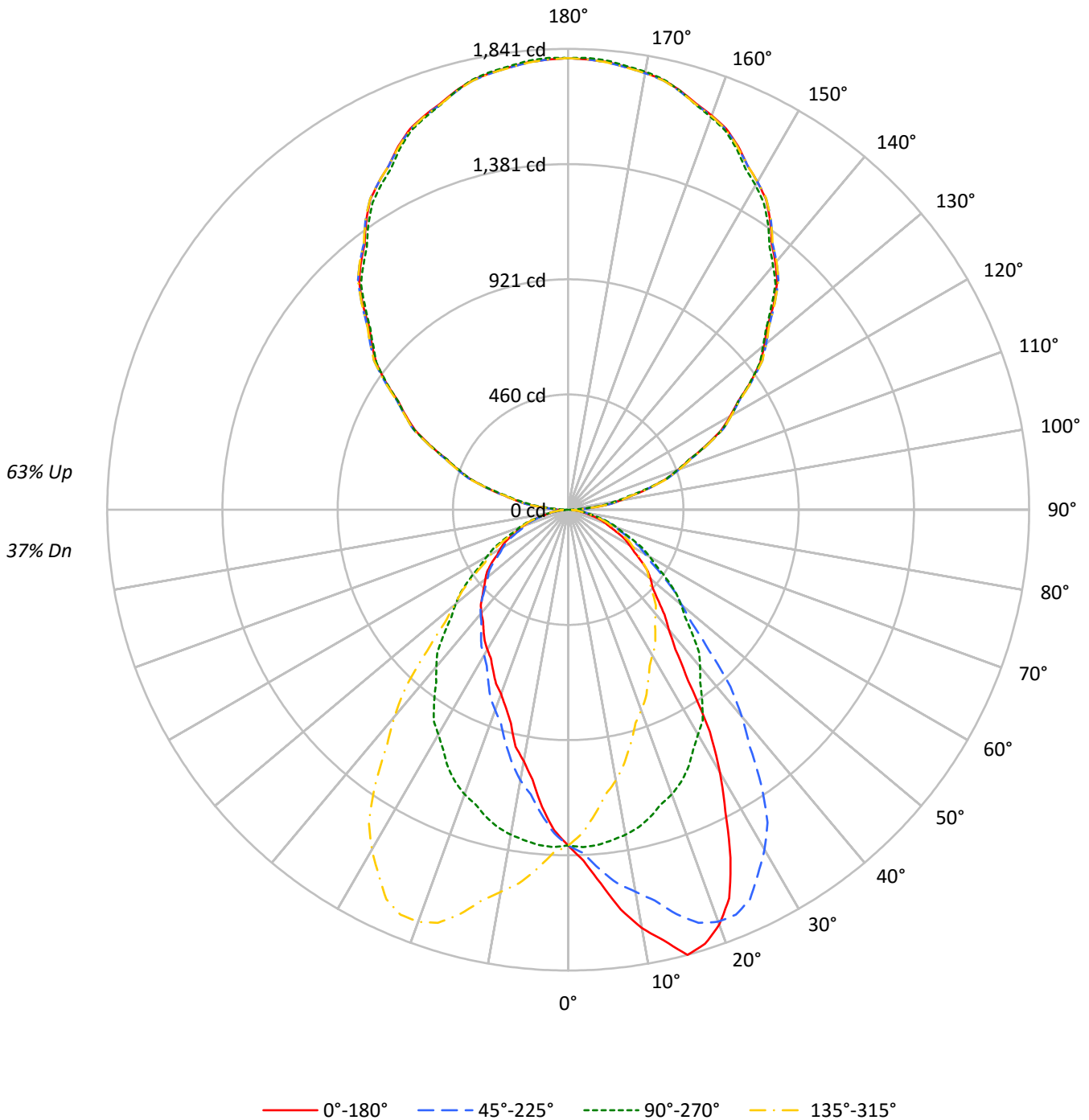
Input Watts (W): 68.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 44 | 44 | 44 | 37 | | | | |
| 1 | 95 | 91 | 87 | 84 | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 51 | 50 | 40 | 39 | 38 | 32 | | | | |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 64 | 59 | 56 | 53 | 47 | 44 | 42 | 35 | 34 | 32 | 27 | | | | |
| 3 | 80 | 71 | 64 | 58 | 72 | 64 | 58 | 54 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 | 23 | | | | |
| 4 | 73 | 63 | 55 | 49 | 66 | 57 | 51 | 46 | 47 | 42 | 38 | 37 | 34 | 31 | 28 | 26 | 24 | 20 | | | | |
| 5 | 67 | 56 | 48 | 42 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 23 | 22 | 18 | | | | |
| 6 | 62 | 50 | 42 | 37 | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 30 | 27 | 24 | 23 | 21 | 19 | 16 | | | | |
| 7 | 57 | 45 | 38 | 32 | 52 | 42 | 35 | 30 | 34 | 29 | 26 | 28 | 24 | 21 | 22 | 19 | 17 | 14 | | | | |
| 8 | 53 | 41 | 34 | 29 | 48 | 38 | 31 | 27 | 31 | 26 | 23 | 25 | 22 | 19 | 20 | 17 | 15 | 13 | | | | |
| 9 | 49 | 38 | 30 | 25 | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 23 | 20 | 17 | 18 | 16 | 14 | 12 | | | | |
| 10 | 46 | 34 | 27 | 23 | 42 | 32 | 26 | 21 | 27 | 22 | 18 | 22 | 18 | 16 | 17 | 15 | 13 | 11 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 21658 | 21658 | 21658 | 21658 |
| 5° | 24280 | 21797 | 19316 | 21797 |
| 10° | 27824 | 21620 | 16718 | 21620 |
| 15° | 30780 | 21224 | 14770 | 21224 |
| 20° | 30311 | 20797 | 13464 | 20797 |
| 25° | 27332 | 20232 | 12636 | 20232 |
| 30° | 22585 | 19328 | 12033 | 19328 |
| 35° | 16462 | 18382 | 11606 | 18382 |
| 40° | 13148 | 17266 | 11367 | 17266 |
| 45° | 11488 | 15972 | 11040 | 15972 |
| 50° | 10798 | 14722 | 10826 | 14722 |
| 55° | 9956 | 13453 | 10536 | 13453 |
| 60° | 9122 | 12103 | 10091 | 12103 |
| 65° | 8309 | 10892 | 9650 | 10892 |
| 70° | 7544 | 9711 | 9007 | 9711 |
| 75° | 6687 | 8390 | 7973 | 8390 |
| 80° | 5755 | 6946 | 6425 | 6946 |
| 85° | 5169 | 5169 | 3816 | 5169 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 127.7 | 1.6 |
| 10°-20° | 371.4 | 4.6 |
| 20°-30° | 539.0 | 6.7 |
| 30°-40° | 568.8 | 7.1 |
| 40°-50° | 503.6 | 6.3 |
| 50°-60° | 401.9 | 5.0 |
| 60°-70° | 273.2 | 3.4 |
| 70°-80° | 140.0 | 1.7 |
| 80°-90° | 41.0 | 0.5 |
| 90°-100° | 114.3 | 1.4 |
| 100°-110° | 355.0 | 4.4 |
| 110°-120° | 606.9 | 7.6 |
| 120°-130° | 798.1 | 10.0 |
| 130°-140° | 895.8 | 11.2 |
| 140°-150° | 878.3 | 11.0 |
| 150°-160° | 736.7 | 9.2 |
| 160°-170° | 488.6 | 6.1 |
| 170°-180° | 170.8 | 2.1 |
| 0°-30° | 1038.1 | 13.0 |
| 0°-40° | 1606.9 | 20.1 |
| 0°-60° | 2512.4 | 31.4 |
| 0°-90° | 2966.6 | 37.0 |
| 90°-120° | 1076.2 | 13.4 |
| 90°-150° | 3648.4 | 45.5 |
| 90°-180° | 5045.0 | 63.0 |
| 0°-180° | 8011.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1341 | 1341 | 1341 | 1341 | 1341 | |
| 5° | 1498 | 1345 | 1192 | 1345 | 1498 | 150 |
| 15° | 1841 | 1270 | 884 | 1270 | 1841 | 508 |
| 25° | 1534 | 1136 | 709 | 1136 | 1534 | 693 |
| 35° | 835 | 933 | 589 | 933 | 835 | 543 |
| 45° | 503 | 700 | 484 | 700 | 503 | 396 |
| 55° | 354 | 478 | 374 | 478 | 354 | 317 |
| 65° | 218 | 285 | 253 | 285 | 218 | 216 |
| 75° | 107 | 134 | 128 | 134 | 107 | 115 |
| 85° | 28 | 28 | 21 | 28 | 28 | 32 |
| 90° | 52 | 2 | 52 | 2 | 52 | 24 |
| 95° | 94 | 79 | 94 | 79 | 94 | 105 |
| 105° | 338 | 327 | 338 | 327 | 338 | 355 |
| 115° | 609 | 609 | 609 | 609 | 609 | 601 |
| 125° | 889 | 886 | 889 | 886 | 889 | 793 |
| 135° | 1160 | 1146 | 1160 | 1146 | 1160 | 893 |
| 145° | 1407 | 1392 | 1407 | 1392 | 1407 | 878 |
| 155° | 1603 | 1591 | 1603 | 1591 | 1603 | 738 |
| 165° | 1732 | 1731 | 1732 | 1731 | 1732 | 489 |
| 175° | 1795 | 1801 | 1795 | 1801 | 1795 | 171 |
| 180° | 1804 | 1804 | 1804 | 1804 | 1804 | |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1403.2 | 1403.6 | 1404.5 | 1397.9 | 1397.0 | 1397.0 | 1391.3 | 1386.3 | 1380.6 | 1372.7 | 1373.5 |
| 5° | 1498.1 | 1503.8 | 1505.8 | 1499.6 | 1490.4 | 1489.3 | 1480.6 | 1466.1 | 1452.7 | 1441.9 | 1434.2 |
| 7.5° | 1611.3 | 1613.6 | 1608.5 | 1600.3 | 1593.5 | 1581.1 | 1564.8 | 1548.8 | 1526.4 | 1505.9 | 1490.7 |
| 10° | 1697.1 | 1700.2 | 1691.4 | 1679.6 | 1669.8 | 1655.4 | 1631.6 | 1607.4 | 1578.0 | 1549.6 | 1526.9 |
| 12.5° | 1762.2 | 1769.9 | 1758.7 | 1757.1 | 1740.3 | 1720.5 | 1692.2 | 1680.0 | 1638.6 | 1599.1 | 1574.8 |
| 15° | 1841.4 | 1840.9 | 1842.0 | 1832.2 | 1819.8 | 1816.6 | 1786.8 | 1754.3 | 1696.1 | 1672.8 | 1632.6 |
| 17.5° | 1818.6 | 1826.3 | 1830.0 | 1829.9 | 1829.6 | 1827.7 | 1818.1 | 1797.6 | 1768.4 | 1730.7 | 1684.3 |
| 20° | 1764.1 | 1774.4 | 1775.9 | 1787.9 | 1794.5 | 1803.3 | 1806.9 | 1801.2 | 1783.2 | 1751.7 | 1711.5 |
| 22.5° | 1680.0 | 1682.8 | 1687.7 | 1706.2 | 1720.7 | 1742.6 | 1754.1 | 1773.2 | 1766.3 | 1750.9 | 1717.3 |
| 25° | 1534.2 | 1529.0 | 1547.1 | 1556.3 | 1589.8 | 1624.9 | 1650.2 | 1678.0 | 1702.7 | 1717.7 | 1707.9 |
| 27.5° | 1359.1 | 1351.4 | 1378.4 | 1403.0 | 1430.3 | 1468.2 | 1507.6 | 1554.1 | 1592.8 | 1641.1 | 1657.7 |
| 30° | 1211.4 | 1216.1 | 1241.9 | 1268.2 | 1309.4 | 1363.0 | 1407.3 | 1458.4 | 1513.6 | 1567.7 | 1605.3 |
| 32.5° | 1052.3 | 1070.2 | 1086.4 | 1126.7 | 1163.0 | 1222.8 | 1287.8 | 1351.6 | 1420.4 | 1481.9 | 1540.1 |
| 35° | 835.2 | 855.8 | 878.5 | 907.9 | 958.9 | 1018.1 | 1081.6 | 1167.6 | 1261.5 | 1345.5 | 1414.6 |
| 37.5° | 703.0 | 699.6 | 712.7 | 733.9 | 775.3 | 823.0 | 896.1 | 981.2 | 1091.6 | 1190.3 | 1287.8 |
| 40° | 623.8 | 621.7 | 631.0 | 650.6 | 682.1 | 717.1 | 781.0 | 855.8 | 958.4 | 1078.9 | 1195.0 |
| 42.5° | 569.4 | 570.6 | 575.7 | 589.6 | 611.1 | 640.0 | 687.8 | 751.4 | 845.4 | 959.0 | 1083.6 |
| 45° | 503.1 | 506.8 | 512.4 | 519.2 | 531.5 | 555.2 | 582.0 | 627.4 | 701.7 | 796.5 | 919.2 |
| 47.5° | 455.6 | 455.7 | 461.4 | 467.3 | 474.6 | 488.0 | 509.9 | 538.3 | 590.7 | 667.9 | 773.4 |
| 50° | 429.9 | 426.4 | 430.5 | 435.0 | 442.8 | 452.1 | 466.6 | 493.3 | 528.4 | 590.8 | 678.9 |
| 52.5° | 398.6 | 398.7 | 402.4 | 404.1 | 411.1 | 420.3 | 433.5 | 452.1 | 483.8 | 532.6 | 605.1 |
| 55° | 353.7 | 356.2 | 358.3 | 361.3 | 367.6 | 374.3 | 384.6 | 397.0 | 421.7 | 458.3 | 511.9 |
| 57.5° | 311.3 | 312.1 | 314.3 | 320.1 | 324.1 | 330.2 | 340.0 | 351.2 | 367.4 | 394.5 | 434.7 |
| 60° | 282.5 | 282.5 | 286.6 | 289.2 | 294.4 | 300.5 | 308.3 | 319.1 | 333.6 | 355.7 | 388.2 |
| 62.5° | 256.1 | 255.7 | 257.3 | 261.6 | 265.5 | 271.2 | 279.0 | 288.2 | 301.7 | 321.4 | 348.2 |
| 65° | 217.5 | 216.5 | 219.6 | 220.7 | 224.8 | 230.5 | 236.6 | 246.4 | 257.2 | 271.7 | 295.4 |
| 67.5° | 180.5 | 181.7 | 183.3 | 185.3 | 187.5 | 193.5 | 197.6 | 204.6 | 213.7 | 225.7 | 241.8 |
| 70° | 159.8 | 159.8 | 159.8 | 161.4 | 164.4 | 167.5 | 171.7 | 177.3 | 186.1 | 196.4 | 210.9 |
| 72.5° | 136.7 | 138.4 | 140.0 | 139.1 | 143.0 | 144.8 | 149.8 | 153.0 | 161.4 | 167.9 | 180.8 |
| 75° | 107.2 | 107.2 | 107.2 | 109.8 | 111.4 | 112.9 | 116.0 | 119.1 | 123.2 | 131.5 | 138.1 |
| 77.5° | 80.0 | 79.8 | 80.3 | 80.9 | 82.6 | 84.4 | 85.3 | 88.2 | 92.0 | 95.7 | 101.5 |
| 80° | 61.9 | 62.9 | 63.4 | 64.4 | 64.4 | 65.4 | 65.9 | 69.6 | 72.2 | 74.7 | 78.4 |
| 82.5° | 47.9 | 48.1 | 48.2 | 48.4 | 48.8 | 49.4 | 50.7 | 51.9 | 52.8 | 54.9 | 57.8 |
| 85° | 27.9 | 27.4 | 27.4 | 28.4 | 27.9 | 27.9 | 28.9 | 29.9 | 29.9 | 30.4 | 31.9 |
| 87.5° | 21.1 | 21.0 | 21.3 | 20.9 | 20.8 | 21.2 | 21.4 | 21.1 | 21.6 | 22.2 | 21.1 |
| 90° | 51.8 | 51.4 | 51.1 | 50.8 | 50.4 | 50.6 | 51.3 | 51.9 | 52.6 | 53.3 | 45.8 |
| 92.5° | 49.3 | 49.3 | 49.2 | 49.1 | 49.1 | 49.0 | 48.8 | 48.7 | 48.6 | 48.4 | 46.7 |
| 95° | 94.4 | 95.0 | 95.7 | 96.4 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 96.7 |
| 97.5° | 163.5 | 163.6 | 163.6 | 163.7 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 162.5 |
| 100° | 208.5 | 208.9 | 209.2 | 209.5 | 210.0 | 210.1 | 210.1 | 210.1 | 210.1 | 210.1 | 209.0 |
| 102.5° | 259.7 | 260.0 | 260.4 | 260.7 | 261.1 | 261.2 | 260.8 | 260.5 | 260.3 | 260.0 | 258.7 |
| 105° | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 337.6 | 337.0 | 336.3 | 335.6 | 335.0 | 334.3 |
| 107.5° | 411.6 | 413.2 | 414.8 | 416.4 | 417.9 | 418.5 | 418.3 | 418.0 | 417.7 | 417.5 | 417.5 |
| 110° | 468.9 | 469.9 | 470.9 | 471.9 | 472.9 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 523.7 | 524.4 | 525.2 | 525.9 | 526.6 | 527.5 | 528.3 | 529.1 | 529.9 | 530.7 | 531.0 |
| 115° | 608.9 | 610.0 | 611.0 | 612.0 | 613.0 | 613.7 | 614.0 | 614.4 | 614.7 | 615.1 | 615.7 |
| 117.5° | 690.2 | 691.3 | 692.3 | 693.3 | 694.3 | 695.3 | 696.1 | 696.9 | 697.7 | 698.5 | 700.3 |
| 120° | 747.5 | 748.5 | 749.5 | 750.5 | 751.5 | 752.0 | 752.0 | 752.0 | 752.0 | 752.0 | 754.8 |
| 122.5° | 803.5 | 804.3 | 805.1 | 805.8 | 806.5 | 807.3 | 808.1 | 808.9 | 809.7 | 810.5 | 812.4 |
| 125° | 889.1 | 889.5 | 889.8 | 890.1 | 890.5 | 891.1 | 892.1 | 893.1 | 894.1 | 895.1 | 896.3 |
| 127.5° | 967.0 | 968.2 | 969.2 | 970.3 | 971.4 | 972.5 | 973.7 | 974.9 | 976.1 | 977.4 | 978.7 |
| 130° | 1023.1 | 1024.4 | 1025.8 | 1027.1 | 1028.4 | 1029.5 | 1030.2 | 1030.9 | 1031.6 | 1032.2 | 1032.9 |
| 132.5° | 1076.6 | 1077.7 | 1078.8 | 1079.9 | 1081.0 | 1082.3 | 1083.8 | 1085.3 | 1086.7 | 1088.2 | 1088.1 |
| 135° | 1160.1 | 1161.1 | 1162.2 | 1163.2 | 1164.2 | 1164.9 | 1165.2 | 1165.5 | 1165.9 | 1166.2 | 1165.5 |
| 137.5° | 1235.6 | 1237.0 | 1238.3 | 1239.7 | 1241.0 | 1241.8 | 1242.1 | 1242.3 | 1242.6 | 1242.9 | 1242.0 |
| 140° | 1288.0 | 1289.3 | 1290.7 | 1292.0 | 1293.4 | 1294.0 | 1294.0 | 1294.0 | 1294.0 | 1294.0 | 1292.4 |
| 142.5° | 1335.4 | 1336.9 | 1338.2 | 1339.6 | 1340.9 | 1341.4 | 1341.2 | 1340.9 | 1340.6 | 1340.4 | 1339.2 |
| 145° | 1406.7 | 1408.1 | 1409.5 | 1410.8 | 1412.1 | 1412.6 | 1412.3 | 1412.0 | 1411.6 | 1411.3 | 1409.3 |
| 147.5° | 1470.4 | 1471.7 | 1472.9 | 1474.2 | 1475.5 | 1475.8 | 1475.0 | 1474.3 | 1473.6 | 1472.8 | 1471.5 |
| 150° | 1511.8 | 1512.8 | 1513.8 | 1514.8 | 1515.8 | 1515.8 | 1514.8 | 1513.8 | 1512.8 | 1511.8 | 1510.5 |
| 152.5° | 1550.7 | 1552.1 | 1553.3 | 1554.6 | 1555.9 | 1555.9 | 1554.6 | 1553.3 | 1552.1 | 1550.7 | 1549.1 |
| 155° | 1603.2 | 1604.2 | 1605.2 | 1606.2 | 1607.2 | 1606.8 | 1605.2 | 1603.5 | 1601.7 | 1600.0 | 1599.0 |
| 157.5° | 1648.2 | 1649.8 | 1651.4 | 1653.0 | 1654.7 | 1654.4 | 1652.0 | 1649.7 | 1647.4 | 1645.2 | 1644.6 |
| 160° | 1676.2 | 1677.6 | 1678.9 | 1680.2 | 1681.6 | 1681.2 | 1679.2 | 1677.2 | 1675.2 | 1673.1 | 1672.8 |
| 162.5° | 1700.5 | 1702.2 | 1703.8 | 1705.5 | 1707.1 | 1706.7 | 1704.5 | 1702.1 | 1699.8 | 1697.5 | 1697.2 |
| 165° | 1732.5 | 1734.2 | 1736.0 | 1737.6 | 1739.3 | 1739.0 | 1736.6 | 1734.2 | 1731.8 | 1729.5 | 1729.5 |
| 167.5° | 1758.7 | 1760.5 | 1762.2 | 1764.0 | 1765.7 | 1765.4 | 1763.1 | 1760.7 | 1758.4 | 1756.0 | 1756.1 |
| 170° | 1772.1 | 1774.1 | 1776.2 | 1778.2 | 1780.2 | 1780.1 | 1777.7 | 1775.3 | 1772.9 | 1770.6 | 1770.9 |
| 172.5° | 1783.1 | 1785.1 | 1787.2 | 1789.2 | 1791.2 | 1791.0 | 1788.7 | 1786.2 | 1783.9 | 1781.5 | 1781.9 |
| 175° | 1794.9 | 1797.0 | 1799.0 | 1801.0 | 1803.1 | 1802.9 | 1800.5 | 1798.2 | 1795.8 | 1793.4 | 1794.1 |
| 177.5° | 1800.4 | 1802.0 | 1803.7 | 1805.3 | 1807.0 | 1807.0 | 1805.3 | 1803.7 | 1802.0 | 1800.4 | 1801.0 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1376.4 | 1373.1 | 1371.1 | 1363.6 | 1357.1 | 1350.5 | 1348.4 | 1349.2 | 1340.2 | 1331.5 | 1327.8 |
| 5° | 1430.1 | 1419.8 | 1410.0 | 1396.0 | 1379.6 | 1361.5 | 1352.2 | 1344.9 | 1327.0 | 1307.4 | 1296.1 |
| 7.5° | 1478.1 | 1463.4 | 1444.5 | 1418.3 | 1394.3 | 1365.9 | 1347.9 | 1331.9 | 1305.5 | 1277.9 | 1260.9 |
| 10° | 1507.4 | 1487.2 | 1463.0 | 1431.1 | 1401.7 | 1367.2 | 1342.9 | 1318.7 | 1287.8 | 1254.8 | 1234.2 |
| 12.5° | 1532.6 | 1505.4 | 1481.6 | 1440.6 | 1405.8 | 1362.6 | 1333.8 | 1299.7 | 1267.2 | 1228.0 | 1207.8 |
| 15° | 1592.5 | 1542.5 | 1497.0 | 1450.7 | 1407.9 | 1347.6 | 1315.7 | 1269.7 | 1226.9 | 1178.5 | 1155.3 |
| 17.5° | 1638.7 | 1582.6 | 1511.1 | 1452.1 | 1402.2 | 1335.4 | 1288.5 | 1233.6 | 1183.0 | 1127.5 | 1096.0 |
| 20° | 1665.2 | 1600.6 | 1523.9 | 1453.8 | 1393.9 | 1317.7 | 1266.7 | 1210.4 | 1151.1 | 1088.7 | 1054.7 |
| 22.5° | 1680.8 | 1613.1 | 1537.1 | 1447.5 | 1377.5 | 1303.2 | 1239.0 | 1177.4 | 1117.3 | 1050.1 | 1014.3 |
| 25° | 1685.8 | 1623.9 | 1543.5 | 1442.4 | 1356.9 | 1272.8 | 1195.5 | 1135.7 | 1063.0 | 1000.1 | 948.1 |
| 27.5° | 1661.2 | 1616.9 | 1539.5 | 1432.7 | 1333.0 | 1234.8 | 1148.6 | 1080.9 | 1004.1 | 935.8 | 883.5 |
| 30° | 1631.1 | 1605.3 | 1530.0 | 1422.8 | 1314.0 | 1208.4 | 1113.5 | 1036.7 | 960.4 | 891.3 | 837.7 |
| 32.5° | 1584.5 | 1578.9 | 1512.8 | 1408.8 | 1293.8 | 1175.0 | 1076.8 | 999.2 | 914.6 | 846.8 | 795.7 |
| 35° | 1493.0 | 1517.7 | 1475.9 | 1377.5 | 1255.8 | 1127.4 | 1021.3 | 932.6 | 845.0 | 780.0 | 732.1 |
| 37.5° | 1370.3 | 1431.7 | 1420.8 | 1331.6 | 1204.5 | 1075.7 | 958.5 | 865.8 | 782.2 | 716.7 | 669.6 |
| 40° | 1285.7 | 1364.0 | 1375.4 | 1296.6 | 1168.2 | 1035.7 | 911.4 | 819.2 | 737.7 | 677.9 | 630.5 |
| 42.5° | 1195.0 | 1286.6 | 1317.7 | 1254.5 | 1128.5 | 993.6 | 869.4 | 773.8 | 693.2 | 635.0 | 593.0 |
| 45° | 1042.9 | 1164.1 | 1220.2 | 1184.2 | 1062.5 | 924.3 | 796.5 | 699.5 | 626.3 | 571.7 | 539.3 |
| 47.5° | 900.7 | 1033.1 | 1108.6 | 1095.9 | 989.0 | 852.1 | 725.8 | 632.8 | 561.5 | 517.9 | 488.8 |
| 50° | 800.1 | 936.1 | 1027.4 | 1031.6 | 936.1 | 800.6 | 673.8 | 586.1 | 520.7 | 480.0 | 456.3 |
| 52.5° | 712.7 | 842.5 | 942.1 | 963.9 | 877.2 | 747.0 | 627.2 | 540.0 | 482.3 | 444.8 | 423.6 |
| 55° | 598.5 | 708.3 | 818.6 | 858.9 | 789.2 | 665.5 | 554.7 | 477.9 | 423.7 | 398.0 | 379.4 |
| 57.5° | 497.6 | 589.2 | 691.1 | 735.5 | 692.6 | 586.6 | 482.7 | 416.1 | 372.1 | 349.5 | 335.3 |
| 60° | 444.3 | 516.5 | 607.2 | 660.4 | 623.3 | 529.0 | 438.2 | 374.8 | 338.7 | 318.6 | 305.2 |
| 62.5° | 394.9 | 458.8 | 535.5 | 584.1 | 563.9 | 474.9 | 393.6 | 337.7 | 306.5 | 287.6 | 278.0 |
| 65° | 325.8 | 376.4 | 435.7 | 480.5 | 467.1 | 399.5 | 333.1 | 285.1 | 260.3 | 245.4 | 237.6 |
| 67.5° | 268.3 | 304.8 | 345.9 | 385.2 | 374.4 | 326.5 | 273.2 | 235.8 | 217.3 | 204.5 | 199.9 |
| 70° | 232.0 | 259.8 | 296.4 | 327.9 | 319.1 | 279.9 | 237.6 | 205.7 | 189.8 | 178.8 | 174.2 |
| 72.5° | 197.3 | 220.3 | 248.1 | 273.9 | 267.9 | 235.4 | 200.2 | 176.0 | 163.7 | 153.7 | 149.9 |
| 75° | 149.0 | 166.5 | 183.5 | 200.6 | 198.9 | 173.7 | 153.1 | 134.5 | 124.7 | 117.0 | 115.4 |
| 77.5° | 110.0 | 119.8 | 131.4 | 141.5 | 138.7 | 124.2 | 108.1 | 97.5 | 90.2 | 85.0 | 84.2 |
| 80° | 84.0 | 89.7 | 98.0 | 105.1 | 101.6 | 95.3 | 82.5 | 74.7 | 69.6 | 64.4 | 62.4 |
| 82.5° | 60.9 | 66.7 | 71.6 | 75.4 | 72.7 | 67.0 | 59.0 | 53.7 | 50.6 | 47.2 | 46.3 |
| 85° | 31.9 | 35.0 | 37.2 | 38.2 | 37.2 | 33.5 | 29.9 | 27.9 | 25.2 | 23.7 | 23.2 |
| 87.5° | 20.1 | 18.6 | 17.1 | 16.8 | 14.7 | 13.9 | 11.4 | 9.4 | 9.8 | 10.2 | 10.2 |
| 90° | 38.4 | 31.0 | 23.5 | 17.8 | 13.7 | 9.6 | 5.6 | 1.5 | 5.6 | 9.6 | 13.7 |
| 92.5° | 44.9 | 43.1 | 41.4 | 39.0 | 36.1 | 33.0 | 30.1 | 27.1 | 30.1 | 33.0 | 36.1 |
| 95° | 96.0 | 95.4 | 94.7 | 92.7 | 89.3 | 85.9 | 82.5 | 79.2 | 82.5 | 85.9 | 89.3 |
| 97.5° | 161.3 | 160.0 | 158.6 | 156.5 | 153.6 | 150.6 | 147.6 | 144.6 | 147.6 | 150.6 | 153.6 |
| 100° | 208.0 | 207.0 | 206.0 | 204.2 | 201.5 | 198.7 | 196.0 | 193.4 | 196.0 | 198.7 | 201.5 |
| 102.5° | 257.4 | 256.2 | 254.9 | 253.2 | 251.0 | 248.8 | 246.7 | 244.5 | 246.7 | 248.8 | 251.0 |
| 105° | 333.6 | 333.0 | 332.2 | 331.3 | 330.3 | 329.3 | 328.3 | 327.3 | 328.3 | 329.3 | 330.3 |
| 107.5° | 417.5 | 417.5 | 417.5 | 416.7 | 415.3 | 413.7 | 412.2 | 410.7 | 412.2 | 413.7 | 415.3 |
| 110° | 473.5 | 473.5 | 473.5 | 472.4 | 470.4 | 468.4 | 466.4 | 464.3 | 466.4 | 468.4 | 470.4 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 531.3 | 531.5 | 531.8 | 530.9 | 528.9 | 526.8 | 524.8 | 522.8 | 524.8 | 526.8 | 528.9 |
| 115° | 616.4 | 617.1 | 617.7 | 617.1 | 615.1 | 613.0 | 611.0 | 608.9 | 611.0 | 613.0 | 615.1 |
| 117.5° | 702.3 | 704.2 | 706.1 | 705.7 | 703.0 | 700.2 | 697.5 | 694.9 | 697.5 | 700.2 | 703.0 |
| 120° | 757.5 | 760.2 | 763.0 | 763.0 | 760.2 | 757.5 | 754.8 | 752.0 | 754.8 | 757.5 | 760.2 |
| 122.5° | 814.4 | 816.3 | 818.1 | 817.5 | 814.2 | 810.9 | 807.7 | 804.5 | 807.7 | 810.9 | 814.2 |
| 125° | 897.3 | 898.3 | 899.3 | 898.3 | 895.1 | 892.1 | 889.1 | 886.1 | 889.1 | 892.1 | 895.1 |
| 127.5° | 979.9 | 981.1 | 982.3 | 981.0 | 977.1 | 973.2 | 969.4 | 965.5 | 969.4 | 973.2 | 977.1 |
| 130° | 1033.6 | 1034.2 | 1034.9 | 1033.1 | 1028.6 | 1024.3 | 1019.9 | 1015.4 | 1019.9 | 1024.3 | 1028.6 |
| 132.5° | 1087.9 | 1087.8 | 1087.7 | 1085.8 | 1082.3 | 1078.6 | 1075.1 | 1071.5 | 1075.1 | 1078.6 | 1082.3 |
| 135° | 1164.9 | 1164.2 | 1163.5 | 1161.2 | 1157.5 | 1153.9 | 1150.1 | 1146.4 | 1150.1 | 1153.9 | 1157.5 |
| 137.5° | 1241.1 | 1240.3 | 1239.4 | 1237.4 | 1234.4 | 1231.3 | 1228.3 | 1225.3 | 1228.3 | 1231.3 | 1234.4 |
| 140° | 1290.7 | 1289.0 | 1287.3 | 1285.0 | 1281.9 | 1278.9 | 1275.8 | 1272.7 | 1275.8 | 1278.9 | 1281.9 |
| 142.5° | 1338.1 | 1336.9 | 1335.7 | 1333.6 | 1330.6 | 1327.6 | 1324.5 | 1321.5 | 1324.5 | 1327.6 | 1330.6 |
| 145° | 1407.2 | 1405.2 | 1403.2 | 1401.0 | 1398.6 | 1396.2 | 1393.9 | 1391.5 | 1393.9 | 1396.2 | 1398.6 |
| 147.5° | 1470.1 | 1468.7 | 1467.4 | 1465.3 | 1462.5 | 1459.6 | 1456.7 | 1453.9 | 1456.7 | 1459.6 | 1462.5 |
| 150° | 1509.0 | 1507.7 | 1506.3 | 1504.7 | 1502.7 | 1500.7 | 1498.5 | 1496.5 | 1498.5 | 1500.7 | 1502.7 |
| 152.5° | 1547.5 | 1545.9 | 1544.3 | 1542.5 | 1540.3 | 1538.3 | 1536.3 | 1534.3 | 1536.3 | 1538.3 | 1540.3 |
| 155° | 1598.0 | 1597.0 | 1596.0 | 1595.0 | 1594.0 | 1593.0 | 1592.0 | 1590.9 | 1592.0 | 1593.0 | 1594.0 |
| 157.5° | 1644.0 | 1643.4 | 1642.7 | 1642.0 | 1641.4 | 1640.7 | 1640.0 | 1639.3 | 1640.0 | 1640.7 | 1641.4 |
| 160° | 1672.4 | 1672.1 | 1671.8 | 1671.3 | 1670.6 | 1669.9 | 1669.3 | 1668.6 | 1669.3 | 1669.9 | 1670.6 |
| 162.5° | 1696.9 | 1696.5 | 1696.2 | 1696.0 | 1695.8 | 1695.7 | 1695.6 | 1695.4 | 1695.6 | 1695.7 | 1695.8 |
| 165° | 1729.5 | 1729.5 | 1729.5 | 1729.7 | 1730.0 | 1730.3 | 1730.7 | 1731.0 | 1730.7 | 1730.3 | 1730.0 |
| 167.5° | 1756.2 | 1756.2 | 1756.3 | 1756.8 | 1757.8 | 1758.8 | 1759.8 | 1760.8 | 1759.8 | 1758.8 | 1757.8 |
| 170° | 1771.3 | 1771.6 | 1771.9 | 1772.6 | 1773.6 | 1774.6 | 1775.6 | 1776.7 | 1775.6 | 1774.6 | 1773.6 |
| 172.5° | 1782.2 | 1782.6 | 1782.9 | 1783.6 | 1784.6 | 1785.6 | 1786.7 | 1787.7 | 1786.7 | 1785.6 | 1784.6 |
| 175° | 1794.7 | 1795.4 | 1796.1 | 1797.0 | 1798.0 | 1799.0 | 1800.0 | 1801.0 | 1800.0 | 1799.0 | 1798.0 |
| 177.5° | 1801.5 | 1802.0 | 1802.6 | 1803.3 | 1804.1 | 1804.9 | 1805.7 | 1806.5 | 1805.7 | 1804.9 | 1804.1 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1323.6 | 1321.2 | 1312.5 | 1308.0 | 1300.5 | 1293.5 | 1289.0 | 1291.1 | 1292.7 | 1291.9 | 1290.6 |
| 5° | 1285.7 | 1275.9 | 1260.9 | 1248.1 | 1238.8 | 1221.7 | 1214.6 | 1210.9 | 1207.9 | 1204.3 | 1200.6 |
| 7.5° | 1240.5 | 1225.1 | 1203.7 | 1185.3 | 1167.9 | 1146.8 | 1134.8 | 1127.5 | 1120.1 | 1112.0 | 1104.8 |
| 10° | 1208.4 | 1186.7 | 1164.1 | 1138.2 | 1117.6 | 1098.5 | 1081.6 | 1070.3 | 1060.0 | 1050.2 | 1042.9 |
| 12.5° | 1174.6 | 1149.6 | 1121.6 | 1086.3 | 1063.6 | 1036.3 | 1033.7 | 1013.7 | 997.6 | 991.6 | 983.1 |
| 15° | 1120.7 | 1085.7 | 1050.2 | 1008.4 | 990.3 | 965.5 | 950.1 | 934.6 | 920.7 | 910.9 | 908.4 |
| 17.5° | 1059.6 | 1014.2 | 978.9 | 948.9 | 919.3 | 893.9 | 879.7 | 867.3 | 855.9 | 842.7 | 841.0 |
| 20° | 1013.0 | 973.8 | 935.1 | 908.9 | 878.5 | 852.6 | 835.2 | 822.7 | 812.9 | 805.3 | 798.5 |
| 22.5° | 968.9 | 925.9 | 890.6 | 861.8 | 831.8 | 811.0 | 797.2 | 785.3 | 777.1 | 768.5 | 762.2 |
| 25° | 898.1 | 864.5 | 825.9 | 793.3 | 768.6 | 755.3 | 743.9 | 733.6 | 728.4 | 722.8 | 715.6 |
| 27.5° | 836.1 | 798.8 | 762.7 | 737.5 | 715.8 | 703.9 | 695.8 | 688.8 | 684.0 | 680.6 | 676.6 |
| 30° | 792.3 | 754.7 | 726.4 | 701.7 | 683.6 | 671.8 | 666.6 | 662.5 | 656.8 | 654.7 | 652.7 |
| 32.5° | 750.3 | 716.4 | 692.2 | 670.7 | 653.5 | 645.7 | 641.0 | 637.3 | 632.9 | 630.8 | 626.6 |
| 35° | 690.7 | 662.5 | 638.7 | 626.8 | 613.0 | 606.2 | 602.7 | 597.4 | 593.4 | 591.3 | 590.8 |
| 37.5° | 634.8 | 610.2 | 594.6 | 579.4 | 573.5 | 569.4 | 564.4 | 560.9 | 559.7 | 559.4 | 558.9 |
| 40° | 598.5 | 578.5 | 564.5 | 552.1 | 549.6 | 543.3 | 539.3 | 536.1 | 536.1 | 536.6 | 536.1 |
| 42.5° | 565.5 | 547.4 | 535.2 | 524.5 | 521.5 | 517.8 | 513.6 | 513.4 | 514.3 | 516.0 | 514.3 |
| 45° | 515.5 | 502.6 | 493.8 | 488.7 | 483.0 | 479.4 | 478.9 | 480.5 | 481.0 | 481.5 | 483.0 |
| 47.5° | 469.5 | 461.0 | 453.0 | 447.4 | 444.8 | 444.2 | 443.6 | 446.4 | 448.8 | 449.7 | 452.1 |
| 50° | 442.3 | 432.5 | 425.9 | 422.2 | 420.1 | 419.1 | 420.1 | 423.2 | 425.3 | 427.9 | 429.4 |
| 52.5° | 411.8 | 404.9 | 400.2 | 397.5 | 396.7 | 397.3 | 397.5 | 401.0 | 404.2 | 405.2 | 406.0 |
| 55° | 369.6 | 364.5 | 363.5 | 358.8 | 360.8 | 360.3 | 362.9 | 365.0 | 368.1 | 371.1 | 371.7 |
| 57.5° | 327.6 | 323.5 | 320.6 | 321.0 | 321.6 | 324.0 | 326.1 | 329.7 | 333.1 | 336.3 | 336.6 |
| 60° | 299.5 | 297.4 | 295.9 | 295.9 | 296.9 | 300.0 | 302.7 | 306.2 | 308.3 | 310.3 | 311.8 |
| 62.5° | 274.0 | 271.9 | 270.3 | 271.1 | 273.9 | 275.7 | 278.7 | 280.6 | 282.7 | 284.8 | 285.5 |
| 65° | 233.5 | 232.5 | 234.1 | 235.1 | 235.6 | 238.1 | 241.8 | 243.3 | 245.4 | 246.4 | 250.0 |
| 67.5° | 196.3 | 196.5 | 196.3 | 197.7 | 200.8 | 201.4 | 204.8 | 208.3 | 208.7 | 210.8 | 213.1 |
| 70° | 171.2 | 172.2 | 173.2 | 174.2 | 176.8 | 177.8 | 180.5 | 182.0 | 184.0 | 185.6 | 187.1 |
| 72.5° | 148.0 | 148.2 | 149.3 | 149.1 | 151.3 | 153.5 | 155.7 | 157.2 | 159.3 | 161.3 | 162.8 |
| 75° | 113.9 | 113.9 | 114.9 | 115.4 | 118.1 | 120.7 | 120.1 | 121.2 | 123.2 | 125.2 | 126.3 |
| 77.5° | 83.2 | 82.1 | 83.2 | 83.7 | 84.5 | 86.7 | 87.2 | 88.6 | 90.9 | 90.2 | 91.4 |
| 80° | 63.4 | 61.9 | 63.4 | 63.9 | 63.9 | 66.6 | 66.6 | 67.6 | 69.1 | 67.6 | 69.1 |
| 82.5° | 45.2 | 44.5 | 45.6 | 45.7 | 46.6 | 46.7 | 47.6 | 47.8 | 49.3 | 48.6 | 49.3 |
| 85° | 22.7 | 22.2 | 22.7 | 22.2 | 22.7 | 23.2 | 23.2 | 22.7 | 22.7 | 23.7 | 22.2 |
| 87.5° | 10.6 | 11.3 | 12.4 | 13.8 | 14.9 | 16.1 | 15.5 | 15.3 | 15.2 | 14.2 | 14.2 |
| 90° | 17.8 | 23.5 | 31.0 | 38.4 | 45.8 | 53.3 | 52.6 | 51.9 | 51.3 | 50.6 | 50.4 |
| 92.5° | 39.0 | 41.4 | 43.1 | 44.9 | 46.7 | 48.4 | 48.6 | 48.7 | 48.8 | 49.0 | 49.1 |
| 95° | 92.7 | 94.7 | 95.4 | 96.0 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.0 |
| 97.5° | 156.5 | 158.6 | 160.0 | 161.3 | 162.5 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |
| 100° | 204.2 | 206.0 | 207.0 | 208.0 | 209.0 | 210.1 | 210.1 | 210.1 | 210.1 | 210.1 | 210.0 |
| 102.5° | 253.2 | 254.9 | 256.2 | 257.4 | 258.7 | 260.0 | 260.3 | 260.5 | 260.8 | 261.2 | 261.1 |
| 105° | 331.3 | 332.2 | 333.0 | 333.6 | 334.3 | 335.0 | 335.6 | 336.3 | 337.0 | 337.6 | 338.0 |
| 107.5° | 416.7 | 417.5 | 417.5 | 417.5 | 417.5 | 417.5 | 417.7 | 418.0 | 418.3 | 418.5 | 417.9 |
| 110° | 472.4 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 472.9 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 530.9 | 531.8 | 531.5 | 531.3 | 531.0 | 530.7 | 529.9 | 529.1 | 528.3 | 527.5 | 526.6 |
| 115° | 617.1 | 617.7 | 617.1 | 616.4 | 615.7 | 615.1 | 614.7 | 614.4 | 614.0 | 613.7 | 613.0 |
| 117.5° | 705.7 | 706.1 | 704.2 | 702.3 | 700.3 | 698.5 | 697.7 | 696.9 | 696.1 | 695.3 | 694.3 |
| 120° | 763.0 | 763.0 | 760.2 | 757.5 | 754.8 | 752.0 | 752.0 | 752.0 | 752.0 | 752.0 | 751.5 |
| 122.5° | 817.5 | 818.1 | 816.3 | 814.4 | 812.4 | 810.5 | 809.7 | 808.9 | 808.1 | 807.3 | 806.5 |
| 125° | 898.3 | 899.3 | 898.3 | 897.3 | 896.3 | 895.1 | 894.1 | 893.1 | 892.1 | 891.1 | 890.5 |
| 127.5° | 981.0 | 982.3 | 981.1 | 979.9 | 978.7 | 977.4 | 976.1 | 974.9 | 973.7 | 972.5 | 971.4 |
| 130° | 1033.1 | 1034.9 | 1034.2 | 1033.6 | 1032.9 | 1032.2 | 1031.6 | 1030.9 | 1030.2 | 1029.5 | 1028.4 |
| 132.5° | 1085.8 | 1087.7 | 1087.8 | 1087.9 | 1088.1 | 1088.2 | 1086.7 | 1085.3 | 1083.8 | 1082.3 | 1081.0 |
| 135° | 1161.2 | 1163.5 | 1164.2 | 1164.9 | 1165.5 | 1166.2 | 1165.9 | 1165.5 | 1165.2 | 1164.9 | 1164.2 |
| 137.5° | 1237.4 | 1239.4 | 1240.3 | 1241.1 | 1242.0 | 1242.9 | 1242.6 | 1242.3 | 1242.1 | 1241.8 | 1241.0 |
| 140° | 1285.0 | 1287.3 | 1289.0 | 1290.7 | 1292.4 | 1294.0 | 1294.0 | 1294.0 | 1294.0 | 1294.0 | 1293.4 |
| 142.5° | 1333.6 | 1335.7 | 1336.9 | 1338.1 | 1339.2 | 1340.4 | 1340.6 | 1340.9 | 1341.2 | 1341.4 | 1340.9 |
| 145° | 1401.0 | 1403.2 | 1405.2 | 1407.2 | 1409.3 | 1411.3 | 1411.6 | 1412.0 | 1412.3 | 1412.6 | 1412.1 |
| 147.5° | 1465.3 | 1467.4 | 1468.7 | 1470.1 | 1471.5 | 1472.8 | 1473.6 | 1474.3 | 1475.0 | 1475.8 | 1475.5 |
| 150° | 1504.7 | 1506.3 | 1507.7 | 1509.0 | 1510.5 | 1511.8 | 1512.8 | 1513.8 | 1514.8 | 1515.8 | 1515.8 |
| 152.5° | 1542.5 | 1544.3 | 1545.9 | 1547.5 | 1549.1 | 1550.7 | 1552.1 | 1553.3 | 1554.6 | 1555.9 | 1555.9 |
| 155° | 1595.0 | 1596.0 | 1597.0 | 1598.0 | 1599.0 | 1600.0 | 1601.7 | 1603.5 | 1605.2 | 1606.8 | 1607.2 |
| 157.5° | 1642.0 | 1642.7 | 1643.4 | 1644.0 | 1644.6 | 1645.2 | 1647.4 | 1649.7 | 1652.0 | 1654.4 | 1654.7 |
| 160° | 1671.3 | 1671.8 | 1672.1 | 1672.4 | 1672.8 | 1673.1 | 1675.2 | 1677.2 | 1679.2 | 1681.2 | 1681.6 |
| 162.5° | 1696.0 | 1696.2 | 1696.5 | 1696.9 | 1697.2 | 1697.5 | 1699.8 | 1702.1 | 1704.5 | 1706.7 | 1707.1 |
| 165° | 1729.7 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1731.8 | 1734.2 | 1736.6 | 1739.0 | 1739.3 |
| 167.5° | 1756.8 | 1756.3 | 1756.2 | 1756.2 | 1756.1 | 1756.0 | 1758.4 | 1760.7 | 1763.1 | 1765.4 | 1765.7 |
| 170° | 1772.6 | 1771.9 | 1771.6 | 1771.3 | 1770.9 | 1770.6 | 1772.9 | 1775.3 | 1777.7 | 1780.1 | 1780.2 |
| 172.5° | 1783.6 | 1782.9 | 1782.6 | 1782.2 | 1781.9 | 1781.5 | 1783.9 | 1786.2 | 1788.7 | 1791.0 | 1791.2 |
| 175° | 1797.0 | 1796.1 | 1795.4 | 1794.7 | 1794.1 | 1793.4 | 1795.8 | 1798.2 | 1800.5 | 1802.9 | 1803.1 |
| 177.5° | 1803.3 | 1802.6 | 1802.0 | 1801.5 | 1801.0 | 1800.4 | 1802.0 | 1803.7 | 1805.3 | 1807.0 | 1807.0 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1286.6 | 1285.7 | 1285.7 | 1282.0 | 1285.7 | 1285.7 | 1286.6 | 1290.6 | 1291.9 | 1292.7 | 1291.1 |
| 5° | 1193.5 | 1191.8 | 1189.3 | 1191.8 | 1189.3 | 1191.8 | 1193.5 | 1200.6 | 1204.3 | 1207.9 | 1210.9 |
| 7.5° | 1101.4 | 1095.2 | 1094.3 | 1088.1 | 1094.3 | 1095.2 | 1101.4 | 1104.8 | 1112.0 | 1120.1 | 1127.5 |
| 10° | 1034.1 | 1030.0 | 1029.5 | 1019.7 | 1029.5 | 1030.0 | 1034.1 | 1042.9 | 1050.2 | 1060.0 | 1070.3 |
| 12.5° | 983.0 | 973.1 | 975.0 | 969.4 | 975.0 | 973.1 | 983.0 | 983.1 | 991.6 | 997.6 | 1013.7 |
| 15° | 894.4 | 894.4 | 892.3 | 883.6 | 892.3 | 894.4 | 894.4 | 908.4 | 910.9 | 920.7 | 934.6 |
| 17.5° | 830.8 | 829.8 | 824.9 | 827.3 | 824.9 | 829.8 | 830.8 | 841.0 | 842.7 | 855.9 | 867.3 |
| 20° | 792.8 | 789.8 | 783.6 | 783.6 | 783.6 | 789.8 | 792.8 | 798.5 | 805.3 | 812.9 | 822.7 |
| 22.5° | 757.0 | 756.8 | 750.2 | 752.2 | 750.2 | 756.8 | 757.0 | 762.2 | 768.5 | 777.1 | 785.3 |
| 25° | 715.0 | 710.9 | 707.8 | 709.3 | 707.8 | 710.9 | 715.0 | 715.6 | 722.8 | 728.4 | 733.6 |
| 27.5° | 675.2 | 673.0 | 672.8 | 668.5 | 672.8 | 673.0 | 675.2 | 676.6 | 680.6 | 684.0 | 688.8 |
| 30° | 652.2 | 647.0 | 648.0 | 645.4 | 648.0 | 647.0 | 652.2 | 652.7 | 654.7 | 656.8 | 662.5 |
| 32.5° | 625.7 | 623.9 | 622.9 | 620.7 | 622.9 | 623.9 | 625.7 | 626.6 | 630.8 | 632.9 | 637.3 |
| 35° | 589.8 | 590.3 | 587.7 | 588.8 | 587.7 | 590.3 | 589.8 | 590.8 | 591.3 | 593.4 | 597.4 |
| 37.5° | 558.4 | 560.0 | 558.8 | 559.1 | 558.8 | 560.0 | 558.4 | 558.9 | 559.4 | 559.7 | 560.9 |
| 40° | 537.7 | 537.7 | 537.7 | 539.3 | 537.7 | 537.7 | 537.7 | 536.1 | 536.6 | 536.1 | 536.1 |
| 42.5° | 517.9 | 517.1 | 516.2 | 516.1 | 516.2 | 517.1 | 517.9 | 514.3 | 516.0 | 514.3 | 513.4 |
| 45° | 484.0 | 485.6 | 486.1 | 483.5 | 486.1 | 485.6 | 484.0 | 483.0 | 481.5 | 481.0 | 480.5 |
| 47.5° | 453.4 | 453.6 | 453.4 | 455.8 | 453.4 | 453.6 | 453.4 | 452.1 | 449.7 | 448.8 | 446.4 |
| 50° | 432.0 | 431.0 | 432.0 | 431.0 | 432.0 | 431.0 | 432.0 | 429.4 | 427.9 | 425.3 | 423.2 |
| 52.5° | 409.3 | 409.5 | 408.9 | 408.7 | 408.9 | 409.5 | 409.3 | 406.0 | 405.2 | 404.2 | 401.0 |
| 55° | 373.8 | 374.8 | 374.3 | 374.3 | 374.3 | 374.8 | 373.8 | 371.7 | 371.1 | 368.1 | 365.0 |
| 57.5° | 337.0 | 337.9 | 338.6 | 336.3 | 338.6 | 337.9 | 337.0 | 336.6 | 336.3 | 333.1 | 329.7 |
| 60° | 311.3 | 314.0 | 313.5 | 312.5 | 313.5 | 314.0 | 311.3 | 311.8 | 310.3 | 308.3 | 306.2 |
| 62.5° | 287.9 | 288.8 | 288.7 | 288.5 | 288.7 | 288.8 | 287.9 | 285.5 | 284.8 | 282.7 | 280.6 |
| 65° | 251.6 | 252.6 | 251.1 | 252.6 | 251.1 | 252.6 | 251.6 | 250.0 | 246.4 | 245.4 | 243.3 |
| 67.5° | 212.5 | 212.8 | 214.0 | 214.7 | 214.0 | 212.8 | 212.5 | 213.1 | 210.8 | 208.7 | 208.3 |
| 70° | 188.1 | 187.6 | 189.1 | 190.8 | 189.1 | 187.6 | 188.1 | 187.1 | 185.6 | 184.0 | 182.0 |
| 72.5° | 162.6 | 163.7 | 163.2 | 164.3 | 163.2 | 163.7 | 162.6 | 162.8 | 161.3 | 159.3 | 157.2 |
| 75° | 125.2 | 126.8 | 126.3 | 127.8 | 126.3 | 126.8 | 125.2 | 126.3 | 125.2 | 123.2 | 121.2 |
| 77.5° | 90.5 | 90.7 | 90.5 | 91.4 | 90.5 | 90.7 | 90.5 | 91.4 | 90.2 | 90.9 | 88.6 |
| 80° | 69.1 | 68.1 | 67.1 | 69.1 | 67.1 | 68.1 | 69.1 | 69.1 | 67.6 | 69.1 | 67.6 |
| 82.5° | 48.1 | 48.7 | 47.7 | 47.7 | 47.7 | 48.7 | 48.1 | 49.3 | 48.6 | 49.3 | 47.8 |
| 85° | 22.2 | 21.6 | 20.6 | 20.6 | 20.6 | 21.6 | 22.2 | 22.2 | 23.7 | 22.7 | 22.7 |
| 87.5° | 14.2 | 13.9 | 14.0 | 13.6 | 14.0 | 13.9 | 14.2 | 14.2 | 14.2 | 15.2 | 15.3 |
| 90° | 50.8 | 51.1 | 51.4 | 51.8 | 51.4 | 51.1 | 50.8 | 50.4 | 50.6 | 51.3 | 51.9 |
| 92.5° | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 | 49.2 | 49.1 | 49.1 | 49.0 | 48.8 | 48.7 |
| 95° | 96.4 | 95.7 | 95.0 | 94.4 | 95.0 | 95.7 | 96.4 | 97.0 | 97.5 | 97.5 | 97.5 |
| 97.5° | 163.7 | 163.6 | 163.6 | 163.5 | 163.6 | 163.6 | 163.7 | 163.8 | 163.8 | 163.8 | 163.8 |
| 100° | 209.5 | 209.2 | 208.9 | 208.5 | 208.9 | 209.2 | 209.5 | 210.0 | 210.1 | 210.1 | 210.1 |
| 102.5° | 260.7 | 260.4 | 260.0 | 259.7 | 260.0 | 260.4 | 260.7 | 261.1 | 261.2 | 260.8 | 260.5 |
| 105° | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 337.6 | 337.0 | 336.3 |
| 107.5° | 416.4 | 414.8 | 413.2 | 411.6 | 413.2 | 414.8 | 416.4 | 417.9 | 418.5 | 418.3 | 418.0 |
| 110° | 471.9 | 470.9 | 469.9 | 468.9 | 469.9 | 470.9 | 471.9 | 472.9 | 473.5 | 473.5 | 473.5 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 525.9 | 525.2 | 524.4 | 523.7 | 524.4 | 525.2 | 525.9 | 526.6 | 527.5 | 528.3 | 529.1 |
| 115° | 612.0 | 611.0 | 610.0 | 608.9 | 610.0 | 611.0 | 612.0 | 613.0 | 613.7 | 614.0 | 614.4 |
| 117.5° | 693.3 | 692.3 | 691.3 | 690.2 | 691.3 | 692.3 | 693.3 | 694.3 | 695.3 | 696.1 | 696.9 |
| 120° | 750.5 | 749.5 | 748.5 | 747.5 | 748.5 | 749.5 | 750.5 | 751.5 | 752.0 | 752.0 | 752.0 |
| 122.5° | 805.8 | 805.1 | 804.3 | 803.5 | 804.3 | 805.1 | 805.8 | 806.5 | 807.3 | 808.1 | 808.9 |
| 125° | 890.1 | 889.8 | 889.5 | 889.1 | 889.5 | 889.8 | 890.1 | 890.5 | 891.1 | 892.1 | 893.1 |
| 127.5° | 970.3 | 969.2 | 968.2 | 967.0 | 968.2 | 969.2 | 970.3 | 971.4 | 972.5 | 973.7 | 974.9 |
| 130° | 1027.1 | 1025.8 | 1024.4 | 1023.1 | 1024.4 | 1025.8 | 1027.1 | 1028.4 | 1029.5 | 1030.2 | 1030.9 |
| 132.5° | 1079.9 | 1078.8 | 1077.7 | 1076.6 | 1077.7 | 1078.8 | 1079.9 | 1081.0 | 1082.3 | 1083.8 | 1085.3 |
| 135° | 1163.2 | 1162.2 | 1161.1 | 1160.1 | 1161.1 | 1162.2 | 1163.2 | 1164.2 | 1164.9 | 1165.2 | 1165.5 |
| 137.5° | 1239.7 | 1238.3 | 1237.0 | 1235.6 | 1237.0 | 1238.3 | 1239.7 | 1241.0 | 1241.8 | 1242.1 | 1242.3 |
| 140° | 1292.0 | 1290.7 | 1289.3 | 1288.0 | 1289.3 | 1290.7 | 1292.0 | 1293.4 | 1294.0 | 1294.0 | 1294.0 |
| 142.5° | 1339.6 | 1338.2 | 1336.9 | 1335.4 | 1336.9 | 1338.2 | 1339.6 | 1340.9 | 1341.4 | 1341.2 | 1340.9 |
| 145° | 1410.8 | 1409.5 | 1408.1 | 1406.7 | 1408.1 | 1409.5 | 1410.8 | 1412.1 | 1412.6 | 1412.3 | 1412.0 |
| 147.5° | 1474.2 | 1472.9 | 1471.7 | 1470.4 | 1471.7 | 1472.9 | 1474.2 | 1475.5 | 1475.8 | 1475.0 | 1474.3 |
| 150° | 1514.8 | 1513.8 | 1512.8 | 1511.8 | 1512.8 | 1513.8 | 1514.8 | 1515.8 | 1515.8 | 1514.8 | 1513.8 |
| 152.5° | 1554.6 | 1553.3 | 1552.1 | 1550.7 | 1552.1 | 1553.3 | 1554.6 | 1555.9 | 1555.9 | 1554.6 | 1553.3 |
| 155° | 1606.2 | 1605.2 | 1604.2 | 1603.2 | 1604.2 | 1605.2 | 1606.2 | 1607.2 | 1606.8 | 1605.2 | 1603.5 |
| 157.5° | 1653.0 | 1651.4 | 1649.8 | 1648.2 | 1649.8 | 1651.4 | 1653.0 | 1654.7 | 1654.4 | 1652.0 | 1649.7 |
| 160° | 1680.2 | 1678.9 | 1677.6 | 1676.2 | 1677.6 | 1678.9 | 1680.2 | 1681.6 | 1681.2 | 1679.2 | 1677.2 |
| 162.5° | 1705.5 | 1703.8 | 1702.2 | 1700.5 | 1702.2 | 1703.8 | 1705.5 | 1707.1 | 1706.7 | 1704.5 | 1702.1 |
| 165° | 1737.6 | 1736.0 | 1734.2 | 1732.5 | 1734.2 | 1736.0 | 1737.6 | 1739.3 | 1739.0 | 1736.6 | 1734.2 |
| 167.5° | 1764.0 | 1762.2 | 1760.5 | 1758.7 | 1760.5 | 1762.2 | 1764.0 | 1765.7 | 1765.4 | 1763.1 | 1760.7 |
| 170° | 1778.2 | 1776.2 | 1774.1 | 1772.1 | 1774.1 | 1776.2 | 1778.2 | 1780.2 | 1780.1 | 1777.7 | 1775.3 |
| 172.5° | 1789.2 | 1787.2 | 1785.1 | 1783.1 | 1785.1 | 1787.2 | 1789.2 | 1791.2 | 1791.0 | 1788.7 | 1786.2 |
| 175° | 1801.0 | 1799.0 | 1797.0 | 1794.9 | 1797.0 | 1799.0 | 1801.0 | 1803.1 | 1802.9 | 1800.5 | 1798.2 |
| 177.5° | 1805.3 | 1803.7 | 1802.0 | 1800.4 | 1802.0 | 1803.7 | 1805.3 | 1807.0 | 1807.0 | 1805.3 | 1803.7 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1289.0 | 1293.5 | 1300.5 | 1308.0 | 1312.5 | 1321.2 | 1323.6 | 1327.8 | 1331.5 | 1340.2 | 1349.2 |
| 5° | 1214.6 | 1221.7 | 1238.8 | 1248.1 | 1260.9 | 1275.9 | 1285.7 | 1296.1 | 1307.4 | 1327.0 | 1344.9 |
| 7.5° | 1134.8 | 1146.8 | 1167.9 | 1185.3 | 1203.7 | 1225.1 | 1240.5 | 1260.9 | 1277.9 | 1305.5 | 1331.9 |
| 10° | 1081.6 | 1098.5 | 1117.6 | 1138.2 | 1164.1 | 1186.7 | 1208.4 | 1234.2 | 1254.8 | 1287.8 | 1318.7 |
| 12.5° | 1033.7 | 1036.3 | 1063.6 | 1086.3 | 1121.6 | 1149.6 | 1174.6 | 1207.8 | 1228.0 | 1267.2 | 1299.7 |
| 15° | 950.1 | 965.5 | 990.3 | 1008.4 | 1050.2 | 1085.7 | 1120.7 | 1155.3 | 1178.5 | 1226.9 | 1269.7 |
| 17.5° | 879.7 | 893.9 | 919.3 | 948.9 | 978.9 | 1014.2 | 1059.6 | 1096.0 | 1127.5 | 1183.0 | 1233.6 |
| 20° | 835.2 | 852.6 | 878.5 | 908.9 | 935.1 | 973.8 | 1013.0 | 1054.7 | 1088.7 | 1151.1 | 1210.4 |
| 22.5° | 797.2 | 811.0 | 831.8 | 861.8 | 890.6 | 925.9 | 968.9 | 1014.3 | 1050.1 | 1117.3 | 1177.4 |
| 25° | 743.9 | 755.3 | 768.6 | 793.3 | 825.9 | 864.5 | 898.1 | 948.1 | 1000.1 | 1063.0 | 1135.7 |
| 27.5° | 695.8 | 703.9 | 715.8 | 737.5 | 762.7 | 798.8 | 836.1 | 883.5 | 935.8 | 1004.1 | 1080.9 |
| 30° | 666.6 | 671.8 | 683.6 | 701.7 | 726.4 | 754.7 | 792.3 | 837.7 | 891.3 | 960.4 | 1036.7 |
| 32.5° | 641.0 | 645.7 | 653.5 | 670.7 | 692.2 | 716.4 | 750.3 | 795.7 | 846.8 | 914.6 | 999.2 |
| 35° | 602.7 | 606.2 | 613.0 | 626.8 | 638.7 | 662.5 | 690.7 | 732.1 | 780.0 | 845.0 | 932.6 |
| 37.5° | 564.4 | 569.4 | 573.5 | 579.4 | 594.6 | 610.2 | 634.8 | 669.6 | 716.7 | 782.2 | 865.8 |
| 40° | 539.3 | 543.3 | 549.6 | 552.1 | 564.5 | 578.5 | 598.5 | 630.5 | 677.9 | 737.7 | 819.2 |
| 42.5° | 513.6 | 517.8 | 521.5 | 524.5 | 535.2 | 547.4 | 565.5 | 593.0 | 635.0 | 693.2 | 773.8 |
| 45° | 478.9 | 479.4 | 483.0 | 488.7 | 493.8 | 502.6 | 515.5 | 539.3 | 571.7 | 626.3 | 699.5 |
| 47.5° | 443.6 | 444.2 | 444.8 | 447.4 | 453.0 | 461.0 | 469.5 | 488.8 | 517.9 | 561.5 | 632.8 |
| 50° | 420.1 | 419.1 | 420.1 | 422.2 | 425.9 | 432.5 | 442.3 | 456.3 | 480.0 | 520.7 | 586.1 |
| 52.5° | 397.5 | 397.3 | 396.7 | 397.5 | 400.2 | 404.9 | 411.8 | 423.6 | 444.8 | 482.3 | 540.0 |
| 55° | 362.9 | 360.3 | 360.8 | 358.8 | 363.5 | 364.5 | 369.6 | 379.4 | 398.0 | 423.7 | 477.9 |
| 57.5° | 326.1 | 324.0 | 321.6 | 321.0 | 320.6 | 323.5 | 327.6 | 335.3 | 349.5 | 372.1 | 416.1 |
| 60° | 302.7 | 300.0 | 296.9 | 295.9 | 295.9 | 297.4 | 299.5 | 305.2 | 318.6 | 338.7 | 374.8 |
| 62.5° | 278.7 | 275.7 | 273.9 | 271.1 | 270.3 | 271.9 | 274.0 | 278.0 | 287.6 | 306.5 | 337.7 |
| 65° | 241.8 | 238.1 | 235.6 | 235.1 | 234.1 | 232.5 | 233.5 | 237.6 | 245.4 | 260.3 | 285.1 |
| 67.5° | 204.8 | 201.4 | 200.8 | 197.7 | 196.3 | 196.5 | 196.3 | 199.9 | 204.5 | 217.3 | 235.8 |
| 70° | 180.5 | 177.8 | 176.8 | 174.2 | 173.2 | 172.2 | 171.2 | 174.2 | 178.8 | 189.8 | 205.7 |
| 72.5° | 155.7 | 153.5 | 151.3 | 149.1 | 149.3 | 148.2 | 148.0 | 149.9 | 153.7 | 163.7 | 176.0 |
| 75° | 120.1 | 120.7 | 118.1 | 115.4 | 114.9 | 113.9 | 113.9 | 115.4 | 117.0 | 124.7 | 134.5 |
| 77.5° | 87.2 | 86.7 | 84.5 | 83.7 | 83.2 | 82.1 | 83.2 | 84.2 | 85.0 | 90.2 | 97.5 |
| 80° | 66.6 | 66.6 | 63.9 | 63.9 | 63.4 | 61.9 | 63.4 | 62.4 | 64.4 | 69.6 | 74.7 |
| 82.5° | 47.6 | 46.7 | 46.6 | 45.7 | 45.6 | 44.5 | 45.2 | 46.3 | 47.2 | 50.6 | 53.7 |
| 85° | 23.2 | 23.2 | 22.7 | 22.2 | 22.7 | 22.2 | 22.7 | 23.2 | 23.7 | 25.2 | 27.9 |
| 87.5° | 15.5 | 16.1 | 14.9 | 13.8 | 12.4 | 11.3 | 10.6 | 10.2 | 10.2 | 9.8 | 9.4 |
| 90° | 52.6 | 53.3 | 45.8 | 38.4 | 31.0 | 23.5 | 17.8 | 13.7 | 9.6 | 5.6 | 1.5 |
| 92.5° | 48.6 | 48.4 | 46.7 | 44.9 | 43.1 | 41.4 | 39.0 | 36.1 | 33.0 | 30.1 | 27.1 |
| 95° | 97.5 | 97.5 | 96.7 | 96.0 | 95.4 | 94.7 | 92.7 | 89.3 | 85.9 | 82.5 | 79.2 |
| 97.5° | 163.8 | 163.8 | 162.5 | 161.3 | 160.0 | 158.6 | 156.5 | 153.6 | 150.6 | 147.6 | 144.6 |
| 100° | 210.1 | 210.1 | 209.0 | 208.0 | 207.0 | 206.0 | 204.2 | 201.5 | 198.7 | 196.0 | 193.4 |
| 102.5° | 260.3 | 260.0 | 258.7 | 257.4 | 256.2 | 254.9 | 253.2 | 251.0 | 248.8 | 246.7 | 244.5 |
| 105° | 335.6 | 335.0 | 334.3 | 333.6 | 333.0 | 332.2 | 331.3 | 330.3 | 329.3 | 328.3 | 327.3 |
| 107.5° | 417.7 | 417.5 | 417.5 | 417.5 | 417.5 | 417.5 | 416.7 | 415.3 | 413.7 | 412.2 | 410.7 |
| 110° | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 472.4 | 470.4 | 468.4 | 466.4 | 464.3 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 529.9 | 530.7 | 531.0 | 531.3 | 531.5 | 531.8 | 530.9 | 528.9 | 526.8 | 524.8 | 522.8 |
| 115° | 614.7 | 615.1 | 615.7 | 616.4 | 617.1 | 617.7 | 617.1 | 615.1 | 613.0 | 611.0 | 608.9 |
| 117.5° | 697.7 | 698.5 | 700.3 | 702.3 | 704.2 | 706.1 | 705.7 | 703.0 | 700.2 | 697.5 | 694.9 |
| 120° | 752.0 | 752.0 | 754.8 | 757.5 | 760.2 | 763.0 | 763.0 | 760.2 | 757.5 | 754.8 | 752.0 |
| 122.5° | 809.7 | 810.5 | 812.4 | 814.4 | 816.3 | 818.1 | 817.5 | 814.2 | 810.9 | 807.7 | 804.5 |
| 125° | 894.1 | 895.1 | 896.3 | 897.3 | 898.3 | 899.3 | 898.3 | 895.1 | 892.1 | 889.1 | 886.1 |
| 127.5° | 976.1 | 977.4 | 978.7 | 979.9 | 981.1 | 982.3 | 981.0 | 977.1 | 973.2 | 969.4 | 965.5 |
| 130° | 1031.6 | 1032.2 | 1032.9 | 1033.6 | 1034.2 | 1034.9 | 1033.1 | 1028.6 | 1024.3 | 1019.9 | 1015.4 |
| 132.5° | 1086.7 | 1088.2 | 1088.1 | 1087.9 | 1087.8 | 1087.7 | 1085.8 | 1082.3 | 1078.6 | 1075.1 | 1071.5 |
| 135° | 1165.9 | 1166.2 | 1165.5 | 1164.9 | 1164.2 | 1163.5 | 1161.2 | 1157.5 | 1153.9 | 1150.1 | 1146.4 |
| 137.5° | 1242.6 | 1242.9 | 1242.0 | 1241.1 | 1240.3 | 1239.4 | 1237.4 | 1234.4 | 1231.3 | 1228.3 | 1225.3 |
| 140° | 1294.0 | 1294.0 | 1292.4 | 1290.7 | 1289.0 | 1287.3 | 1285.0 | 1281.9 | 1278.9 | 1275.8 | 1272.7 |
| 142.5° | 1340.6 | 1340.4 | 1339.2 | 1338.1 | 1336.9 | 1335.7 | 1333.6 | 1330.6 | 1327.6 | 1324.5 | 1321.5 |
| 145° | 1411.6 | 1411.3 | 1409.3 | 1407.2 | 1405.2 | 1403.2 | 1401.0 | 1398.6 | 1396.2 | 1393.9 | 1391.5 |
| 147.5° | 1473.6 | 1472.8 | 1471.5 | 1470.1 | 1468.7 | 1467.4 | 1465.3 | 1462.5 | 1459.6 | 1456.7 | 1453.9 |
| 150° | 1512.8 | 1511.8 | 1510.5 | 1509.0 | 1507.7 | 1506.3 | 1504.7 | 1502.7 | 1500.7 | 1498.5 | 1496.5 |
| 152.5° | 1552.1 | 1550.7 | 1549.1 | 1547.5 | 1545.9 | 1544.3 | 1542.5 | 1540.3 | 1538.3 | 1536.3 | 1534.3 |
| 155° | 1601.7 | 1600.0 | 1599.0 | 1598.0 | 1597.0 | 1596.0 | 1595.0 | 1594.0 | 1593.0 | 1592.0 | 1590.9 |
| 157.5° | 1647.4 | 1645.2 | 1644.6 | 1644.0 | 1643.4 | 1642.7 | 1642.0 | 1641.4 | 1640.7 | 1640.0 | 1639.3 |
| 160° | 1675.2 | 1673.1 | 1672.8 | 1672.4 | 1672.1 | 1671.8 | 1671.3 | 1670.6 | 1669.9 | 1669.3 | 1668.6 |
| 162.5° | 1699.8 | 1697.5 | 1697.2 | 1696.9 | 1696.5 | 1696.2 | 1696.0 | 1695.8 | 1695.7 | 1695.6 | 1695.4 |
| 165° | 1731.8 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1729.7 | 1730.0 | 1730.3 | 1730.7 | 1731.0 |
| 167.5° | 1758.4 | 1756.0 | 1756.1 | 1756.2 | 1756.2 | 1756.3 | 1756.8 | 1757.8 | 1758.8 | 1759.8 | 1760.8 |
| 170° | 1772.9 | 1770.6 | 1770.9 | 1771.3 | 1771.6 | 1771.9 | 1772.6 | 1773.6 | 1774.6 | 1775.6 | 1776.7 |
| 172.5° | 1783.9 | 1781.5 | 1781.9 | 1782.2 | 1782.6 | 1782.9 | 1783.6 | 1784.6 | 1785.6 | 1786.7 | 1787.7 |
| 175° | 1795.8 | 1793.4 | 1794.1 | 1794.7 | 1795.4 | 1796.1 | 1797.0 | 1798.0 | 1799.0 | 1800.0 | 1801.0 |
| 177.5° | 1802.0 | 1800.4 | 1801.0 | 1801.5 | 1802.0 | 1802.6 | 1803.3 | 1804.1 | 1804.9 | 1805.7 | 1806.5 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1348.4 | 1350.5 | 1357.1 | 1363.6 | 1371.1 | 1373.1 | 1376.4 | 1373.5 | 1372.7 | 1380.6 | 1386.3 |
| 5° | 1352.2 | 1361.5 | 1379.6 | 1396.0 | 1410.0 | 1419.8 | 1430.1 | 1434.2 | 1441.9 | 1452.7 | 1466.1 |
| 7.5° | 1347.9 | 1365.9 | 1394.3 | 1418.3 | 1444.5 | 1463.4 | 1478.1 | 1490.7 | 1505.9 | 1526.4 | 1548.8 |
| 10° | 1342.9 | 1367.2 | 1401.7 | 1431.1 | 1463.0 | 1487.2 | 1507.4 | 1526.9 | 1549.6 | 1578.0 | 1607.4 |
| 12.5° | 1333.8 | 1362.6 | 1405.8 | 1440.6 | 1481.6 | 1505.4 | 1532.6 | 1574.8 | 1599.1 | 1638.6 | 1680.0 |
| 15° | 1315.7 | 1347.6 | 1407.9 | 1450.7 | 1497.0 | 1542.5 | 1592.5 | 1632.6 | 1672.8 | 1696.1 | 1754.3 |
| 17.5° | 1288.5 | 1335.4 | 1402.2 | 1452.1 | 1511.1 | 1582.6 | 1638.7 | 1684.3 | 1730.7 | 1768.4 | 1797.6 |
| 20° | 1266.7 | 1317.7 | 1393.9 | 1453.8 | 1523.9 | 1600.6 | 1665.2 | 1711.5 | 1751.7 | 1783.2 | 1801.2 |
| 22.5° | 1239.0 | 1303.2 | 1377.5 | 1447.5 | 1537.1 | 1613.1 | 1680.8 | 1717.3 | 1750.9 | 1766.3 | 1773.2 |
| 25° | 1195.5 | 1272.8 | 1356.9 | 1442.4 | 1543.5 | 1623.9 | 1685.8 | 1707.9 | 1717.7 | 1702.7 | 1678.0 |
| 27.5° | 1148.6 | 1234.8 | 1333.0 | 1432.7 | 1539.5 | 1616.9 | 1661.2 | 1657.7 | 1641.1 | 1592.8 | 1554.1 |
| 30° | 1113.5 | 1208.4 | 1314.0 | 1422.8 | 1530.0 | 1605.3 | 1631.1 | 1605.3 | 1567.7 | 1513.6 | 1458.4 |
| 32.5° | 1076.8 | 1175.0 | 1293.8 | 1408.8 | 1512.8 | 1578.9 | 1584.5 | 1540.1 | 1481.9 | 1420.4 | 1351.6 |
| 35° | 1021.3 | 1127.4 | 1255.8 | 1377.5 | 1475.9 | 1517.7 | 1493.0 | 1414.6 | 1345.5 | 1261.5 | 1167.6 |
| 37.5° | 958.5 | 1075.7 | 1204.5 | 1331.6 | 1420.8 | 1431.7 | 1370.3 | 1287.8 | 1190.3 | 1091.6 | 981.2 |
| 40° | 911.4 | 1035.7 | 1168.2 | 1296.6 | 1375.4 | 1364.0 | 1285.7 | 1195.0 | 1078.9 | 958.4 | 855.8 |
| 42.5° | 869.4 | 993.6 | 1128.5 | 1254.5 | 1317.7 | 1286.6 | 1195.0 | 1083.6 | 959.0 | 845.4 | 751.4 |
| 45° | 796.5 | 924.3 | 1062.5 | 1184.2 | 1220.2 | 1164.1 | 1042.9 | 919.2 | 796.5 | 701.7 | 627.4 |
| 47.5° | 725.8 | 852.1 | 989.0 | 1095.9 | 1108.6 | 1033.1 | 900.7 | 773.4 | 667.9 | 590.7 | 538.3 |
| 50° | 673.8 | 800.6 | 936.1 | 1031.6 | 1027.4 | 936.1 | 800.1 | 678.9 | 590.8 | 528.4 | 493.3 |
| 52.5° | 627.2 | 747.0 | 877.2 | 963.9 | 942.1 | 842.5 | 712.7 | 605.1 | 532.6 | 483.8 | 452.1 |
| 55° | 554.7 | 665.5 | 789.2 | 858.9 | 818.6 | 708.3 | 598.5 | 511.9 | 458.3 | 421.7 | 397.0 |
| 57.5° | 482.7 | 586.6 | 692.6 | 735.5 | 691.1 | 589.2 | 497.6 | 434.7 | 394.5 | 367.4 | 351.2 |
| 60° | 438.2 | 529.0 | 623.3 | 660.4 | 607.2 | 516.5 | 444.3 | 388.2 | 355.7 | 333.6 | 319.1 |
| 62.5° | 393.6 | 474.9 | 563.9 | 584.1 | 535.5 | 458.8 | 394.9 | 348.2 | 321.4 | 301.7 | 288.2 |
| 65° | 333.1 | 399.5 | 467.1 | 480.5 | 435.7 | 376.4 | 325.8 | 295.4 | 271.7 | 257.2 | 246.4 |
| 67.5° | 273.2 | 326.5 | 374.4 | 385.2 | 345.9 | 304.8 | 268.3 | 241.8 | 225.7 | 213.7 | 204.6 |
| 70° | 237.6 | 279.9 | 319.1 | 327.9 | 296.4 | 259.8 | 232.0 | 210.9 | 196.4 | 186.1 | 177.3 |
| 72.5° | 200.2 | 235.4 | 267.9 | 273.9 | 248.1 | 220.3 | 197.3 | 180.8 | 167.9 | 161.4 | 153.0 |
| 75° | 153.1 | 173.7 | 198.9 | 200.6 | 183.5 | 166.5 | 149.0 | 138.1 | 131.5 | 123.2 | 119.1 |
| 77.5° | 108.1 | 124.2 | 138.7 | 141.5 | 131.4 | 119.8 | 110.0 | 101.5 | 95.7 | 92.0 | 88.2 |
| 80° | 82.5 | 95.3 | 101.6 | 105.1 | 98.0 | 89.7 | 84.0 | 78.4 | 74.7 | 72.2 | 69.6 |
| 82.5° | 59.0 | 67.0 | 72.7 | 75.4 | 71.6 | 66.7 | 60.9 | 57.8 | 54.9 | 52.8 | 51.9 |
| 85° | 29.9 | 33.5 | 37.2 | 38.2 | 37.2 | 35.0 | 31.9 | 31.9 | 30.4 | 29.9 | 29.9 |
| 87.5° | 11.4 | 13.9 | 14.7 | 16.8 | 17.1 | 18.6 | 20.1 | 21.1 | 22.2 | 21.6 | 21.1 |
| 90° | 5.6 | 9.6 | 13.7 | 17.8 | 23.5 | 31.0 | 38.4 | 45.8 | 53.3 | 52.6 | 51.9 |
| 92.5° | 30.1 | 33.0 | 36.1 | 39.0 | 41.4 | 43.1 | 44.9 | 46.7 | 48.4 | 48.6 | 48.7 |
| 95° | 82.5 | 85.9 | 89.3 | 92.7 | 94.7 | 95.4 | 96.0 | 96.7 | 97.5 | 97.5 | 97.5 |
| 97.5° | 147.6 | 150.6 | 153.6 | 156.5 | 158.6 | 160.0 | 161.3 | 162.5 | 163.8 | 163.8 | 163.8 |
| 100° | 196.0 | 198.7 | 201.5 | 204.2 | 206.0 | 207.0 | 208.0 | 209.0 | 210.1 | 210.1 | 210.1 |
| 102.5° | 246.7 | 248.8 | 251.0 | 253.2 | 254.9 | 256.2 | 257.4 | 258.7 | 260.0 | 260.3 | 260.5 |
| 105° | 328.3 | 329.3 | 330.3 | 331.3 | 332.2 | 333.0 | 333.6 | 334.3 | 335.0 | 335.6 | 336.3 |
| 107.5° | 412.2 | 413.7 | 415.3 | 416.7 | 417.5 | 417.5 | 417.5 | 417.5 | 417.5 | 417.7 | 418.0 |
| 110° | 466.4 | 468.4 | 470.4 | 472.4 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 | 473.5 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 524.8 | 526.8 | 528.9 | 530.9 | 531.8 | 531.5 | 531.3 | 531.0 | 530.7 | 529.9 | 529.1 |
| 115° | 611.0 | 613.0 | 615.1 | 617.1 | 617.7 | 617.1 | 616.4 | 615.7 | 615.1 | 614.7 | 614.4 |
| 117.5° | 697.5 | 700.2 | 703.0 | 705.7 | 706.1 | 704.2 | 702.3 | 700.3 | 698.5 | 697.7 | 696.9 |
| 120° | 754.8 | 757.5 | 760.2 | 763.0 | 763.0 | 760.2 | 757.5 | 754.8 | 752.0 | 752.0 | 752.0 |
| 122.5° | 807.7 | 810.9 | 814.2 | 817.5 | 818.1 | 816.3 | 814.4 | 812.4 | 810.5 | 809.7 | 808.9 |
| 125° | 889.1 | 892.1 | 895.1 | 898.3 | 899.3 | 898.3 | 897.3 | 896.3 | 895.1 | 894.1 | 893.1 |
| 127.5° | 969.4 | 973.2 | 977.1 | 981.0 | 982.3 | 981.1 | 979.9 | 978.7 | 977.4 | 976.1 | 974.9 |
| 130° | 1019.9 | 1024.3 | 1028.6 | 1033.1 | 1034.9 | 1034.2 | 1033.6 | 1032.9 | 1032.2 | 1031.6 | 1030.9 |
| 132.5° | 1075.1 | 1078.6 | 1082.3 | 1085.8 | 1087.7 | 1087.8 | 1087.9 | 1088.1 | 1088.2 | 1086.7 | 1085.3 |
| 135° | 1150.1 | 1153.9 | 1157.5 | 1161.2 | 1163.5 | 1164.2 | 1164.9 | 1165.5 | 1166.2 | 1165.9 | 1165.5 |
| 137.5° | 1228.3 | 1231.3 | 1234.4 | 1237.4 | 1239.4 | 1240.3 | 1241.1 | 1242.0 | 1242.9 | 1242.6 | 1242.3 |
| 140° | 1275.8 | 1278.9 | 1281.9 | 1285.0 | 1287.3 | 1289.0 | 1290.7 | 1292.4 | 1294.0 | 1294.0 | 1294.0 |
| 142.5° | 1324.5 | 1327.6 | 1330.6 | 1333.6 | 1335.7 | 1336.9 | 1338.1 | 1339.2 | 1340.4 | 1340.6 | 1340.9 |
| 145° | 1393.9 | 1396.2 | 1398.6 | 1401.0 | 1403.2 | 1405.2 | 1407.2 | 1409.3 | 1411.3 | 1411.6 | 1412.0 |
| 147.5° | 1456.7 | 1459.6 | 1462.5 | 1465.3 | 1467.4 | 1468.7 | 1470.1 | 1471.5 | 1472.8 | 1473.6 | 1474.3 |
| 150° | 1498.5 | 1500.7 | 1502.7 | 1504.7 | 1506.3 | 1507.7 | 1509.0 | 1510.5 | 1511.8 | 1512.8 | 1513.8 |
| 152.5° | 1536.3 | 1538.3 | 1540.3 | 1542.5 | 1544.3 | 1545.9 | 1547.5 | 1549.1 | 1550.7 | 1552.1 | 1553.3 |
| 155° | 1592.0 | 1593.0 | 1594.0 | 1595.0 | 1596.0 | 1597.0 | 1598.0 | 1599.0 | 1600.0 | 1601.7 | 1603.5 |
| 157.5° | 1640.0 | 1640.7 | 1641.4 | 1642.0 | 1642.7 | 1643.4 | 1644.0 | 1644.6 | 1645.2 | 1647.4 | 1649.7 |
| 160° | 1669.3 | 1669.9 | 1670.6 | 1671.3 | 1671.8 | 1672.1 | 1672.4 | 1672.8 | 1673.1 | 1675.2 | 1677.2 |
| 162.5° | 1695.6 | 1695.7 | 1695.8 | 1696.0 | 1696.2 | 1696.5 | 1696.9 | 1697.2 | 1697.5 | 1699.8 | 1702.1 |
| 165° | 1730.7 | 1730.3 | 1730.0 | 1729.7 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1729.5 | 1731.8 | 1734.2 |
| 167.5° | 1759.8 | 1758.8 | 1757.8 | 1756.8 | 1756.3 | 1756.2 | 1756.2 | 1756.1 | 1756.0 | 1758.4 | 1760.7 |
| 170° | 1775.6 | 1774.6 | 1773.6 | 1772.6 | 1771.9 | 1771.6 | 1771.3 | 1770.9 | 1770.6 | 1772.9 | 1775.3 |
| 172.5° | 1786.7 | 1785.6 | 1784.6 | 1783.6 | 1782.9 | 1782.6 | 1782.2 | 1781.9 | 1781.5 | 1783.9 | 1786.2 |
| 175° | 1800.0 | 1799.0 | 1798.0 | 1797.0 | 1796.1 | 1795.4 | 1794.7 | 1794.1 | 1793.4 | 1795.8 | 1798.2 |
| 177.5° | 1805.7 | 1804.9 | 1804.1 | 1803.3 | 1802.6 | 1802.0 | 1801.5 | 1801.0 | 1800.4 | 1802.0 | 1803.7 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 | 1341.4 |
| 2.5° | 1391.3 | 1397.0 | 1397.0 | 1397.9 | 1404.5 | 1403.6 | 1403.2 |
| 5° | 1480.6 | 1489.3 | 1490.4 | 1499.6 | 1505.8 | 1503.8 | 1498.1 |
| 7.5° | 1564.8 | 1581.1 | 1593.5 | 1600.3 | 1608.5 | 1613.6 | 1611.3 |
| 10° | 1631.6 | 1655.4 | 1669.8 | 1679.6 | 1691.4 | 1700.2 | 1697.1 |
| 12.5° | 1692.2 | 1720.5 | 1740.3 | 1757.1 | 1758.7 | 1769.9 | 1762.2 |
| 15° | 1786.8 | 1816.6 | 1819.8 | 1832.2 | 1842.0 | 1840.9 | 1841.4 |
| 17.5° | 1818.1 | 1827.7 | 1829.6 | 1829.9 | 1830.0 | 1826.3 | 1818.6 |
| 20° | 1806.9 | 1803.3 | 1794.5 | 1787.9 | 1775.9 | 1774.4 | 1764.1 |
| 22.5° | 1754.1 | 1742.6 | 1720.7 | 1706.2 | 1687.7 | 1682.8 | 1680.0 |
| 25° | 1650.2 | 1624.9 | 1589.8 | 1556.3 | 1547.1 | 1529.0 | 1534.2 |
| 27.5° | 1507.6 | 1468.2 | 1430.3 | 1403.0 | 1378.4 | 1351.4 | 1359.1 |
| 30° | 1407.3 | 1363.0 | 1309.4 | 1268.2 | 1241.9 | 1216.1 | 1211.4 |
| 32.5° | 1287.8 | 1222.8 | 1163.0 | 1126.7 | 1086.4 | 1070.2 | 1052.3 |
| 35° | 1081.6 | 1018.1 | 958.9 | 907.9 | 878.5 | 855.8 | 835.2 |
| 37.5° | 896.1 | 823.0 | 775.3 | 733.9 | 712.7 | 699.6 | 703.0 |
| 40° | 781.0 | 717.1 | 682.1 | 650.6 | 631.0 | 621.7 | 623.8 |
| 42.5° | 687.8 | 640.0 | 611.1 | 589.6 | 575.7 | 570.6 | 569.4 |
| 45° | 582.0 | 555.2 | 531.5 | 519.2 | 512.4 | 506.8 | 503.1 |
| 47.5° | 509.9 | 488.0 | 474.6 | 467.3 | 461.4 | 455.7 | 455.6 |
| 50° | 466.6 | 452.1 | 442.8 | 435.0 | 430.5 | 426.4 | 429.9 |
| 52.5° | 433.5 | 420.3 | 411.1 | 404.1 | 402.4 | 398.7 | 398.6 |
| 55° | 384.6 | 374.3 | 367.6 | 361.3 | 358.3 | 356.2 | 353.7 |
| 57.5° | 340.0 | 330.2 | 324.1 | 320.1 | 314.3 | 312.1 | 311.3 |
| 60° | 308.3 | 300.5 | 294.4 | 289.2 | 286.6 | 282.5 | 282.5 |
| 62.5° | 279.0 | 271.2 | 265.5 | 261.6 | 257.3 | 255.7 | 256.1 |
| 65° | 236.6 | 230.5 | 224.8 | 220.7 | 219.6 | 216.5 | 217.5 |
| 67.5° | 197.6 | 193.5 | 187.5 | 185.3 | 183.3 | 181.7 | 180.5 |
| 70° | 171.7 | 167.5 | 164.4 | 161.4 | 159.8 | 159.8 | 159.8 |
| 72.5° | 149.8 | 144.8 | 143.0 | 139.1 | 140.0 | 138.4 | 136.7 |
| 75° | 116.0 | 112.9 | 111.4 | 109.8 | 107.2 | 107.2 | 107.2 |
| 77.5° | 85.3 | 84.4 | 82.6 | 80.9 | 80.3 | 79.8 | 80.0 |
| 80° | 65.9 | 65.4 | 64.4 | 64.4 | 63.4 | 62.9 | 61.9 |
| 82.5° | 50.7 | 49.4 | 48.8 | 48.4 | 48.2 | 48.1 | 47.9 |
| 85° | 28.9 | 27.9 | 27.9 | 28.4 | 27.4 | 27.4 | 27.9 |
| 87.5° | 21.4 | 21.2 | 20.8 | 20.9 | 21.3 | 21.0 | 21.1 |
| 90° | 51.3 | 50.6 | 50.4 | 50.8 | 51.1 | 51.4 | 51.8 |
| 92.5° | 48.8 | 49.0 | 49.1 | 49.1 | 49.2 | 49.3 | 49.3 |
| 95° | 97.5 | 97.5 | 97.0 | 96.4 | 95.7 | 95.0 | 94.4 |
| 97.5° | 163.8 | 163.8 | 163.8 | 163.7 | 163.6 | 163.6 | 163.5 |
| 100° | 210.1 | 210.1 | 210.0 | 209.5 | 209.2 | 208.9 | 208.5 |
| 102.5° | 260.8 | 261.2 | 261.1 | 260.7 | 260.4 | 260.0 | 259.7 |
| 105° | 337.0 | 337.6 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 |
| 107.5° | 418.3 | 418.5 | 417.9 | 416.4 | 414.8 | 413.2 | 411.6 |
| 110° | 473.5 | 473.5 | 472.9 | 471.9 | 470.9 | 469.9 | 468.9 |



TEST NUMBER: P331550-840

CATALOG NUMBER: S122DIW-S675D1440U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 528.3 | 527.5 | 526.6 | 525.9 | 525.2 | 524.4 | 523.7 |
| 115° | 614.0 | 613.7 | 613.0 | 612.0 | 611.0 | 610.0 | 608.9 |
| 117.5° | 696.1 | 695.3 | 694.3 | 693.3 | 692.3 | 691.3 | 690.2 |
| 120° | 752.0 | 752.0 | 751.5 | 750.5 | 749.5 | 748.5 | 747.5 |
| 122.5° | 808.1 | 807.3 | 806.5 | 805.8 | 805.1 | 804.3 | 803.5 |
| 125° | 892.1 | 891.1 | 890.5 | 890.1 | 889.8 | 889.5 | 889.1 |
| 127.5° | 973.7 | 972.5 | 971.4 | 970.3 | 969.2 | 968.2 | 967.0 |
| 130° | 1030.2 | 1029.5 | 1028.4 | 1027.1 | 1025.8 | 1024.4 | 1023.1 |
| 132.5° | 1083.8 | 1082.3 | 1081.0 | 1079.9 | 1078.8 | 1077.7 | 1076.6 |
| 135° | 1165.2 | 1164.9 | 1164.2 | 1163.2 | 1162.2 | 1161.1 | 1160.1 |
| 137.5° | 1242.1 | 1241.8 | 1241.0 | 1239.7 | 1238.3 | 1237.0 | 1235.6 |
| 140° | 1294.0 | 1294.0 | 1293.4 | 1292.0 | 1290.7 | 1289.3 | 1288.0 |
| 142.5° | 1341.2 | 1341.4 | 1340.9 | 1339.6 | 1338.2 | 1336.9 | 1335.4 |
| 145° | 1412.3 | 1412.6 | 1412.1 | 1410.8 | 1409.5 | 1408.1 | 1406.7 |
| 147.5° | 1475.0 | 1475.8 | 1475.5 | 1474.2 | 1472.9 | 1471.7 | 1470.4 |
| 150° | 1514.8 | 1515.8 | 1515.8 | 1514.8 | 1513.8 | 1512.8 | 1511.8 |
| 152.5° | 1554.6 | 1555.9 | 1555.9 | 1554.6 | 1553.3 | 1552.1 | 1550.7 |
| 155° | 1605.2 | 1606.8 | 1607.2 | 1606.2 | 1605.2 | 1604.2 | 1603.2 |
| 157.5° | 1652.0 | 1654.4 | 1654.7 | 1653.0 | 1651.4 | 1649.8 | 1648.2 |
| 160° | 1679.2 | 1681.2 | 1681.6 | 1680.2 | 1678.9 | 1677.6 | 1676.2 |
| 162.5° | 1704.5 | 1706.7 | 1707.1 | 1705.5 | 1703.8 | 1702.2 | 1700.5 |
| 165° | 1736.6 | 1739.0 | 1739.3 | 1737.6 | 1736.0 | 1734.2 | 1732.5 |
| 167.5° | 1763.1 | 1765.4 | 1765.7 | 1764.0 | 1762.2 | 1760.5 | 1758.7 |
| 170° | 1777.7 | 1780.1 | 1780.2 | 1778.2 | 1776.2 | 1774.1 | 1772.1 |
| 172.5° | 1788.7 | 1791.0 | 1791.2 | 1789.2 | 1787.2 | 1785.1 | 1783.1 |
| 175° | 1800.5 | 1802.9 | 1803.1 | 1801.0 | 1799.0 | 1797.0 | 1794.9 |
| 177.5° | 1805.3 | 1807.0 | 1807.0 | 1805.3 | 1803.7 | 1802.0 | 1800.4 |
| 180° | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 | 1804.1 |

(END OF REPORT)