

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: P331366-830

Luminaire Tested: **S122DIP-S675D1080U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331366-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIP-S675D1080U830-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1080 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6823.4 lumens
Efficiency: N/A
Efficacy: 119.9 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: General Diffuse

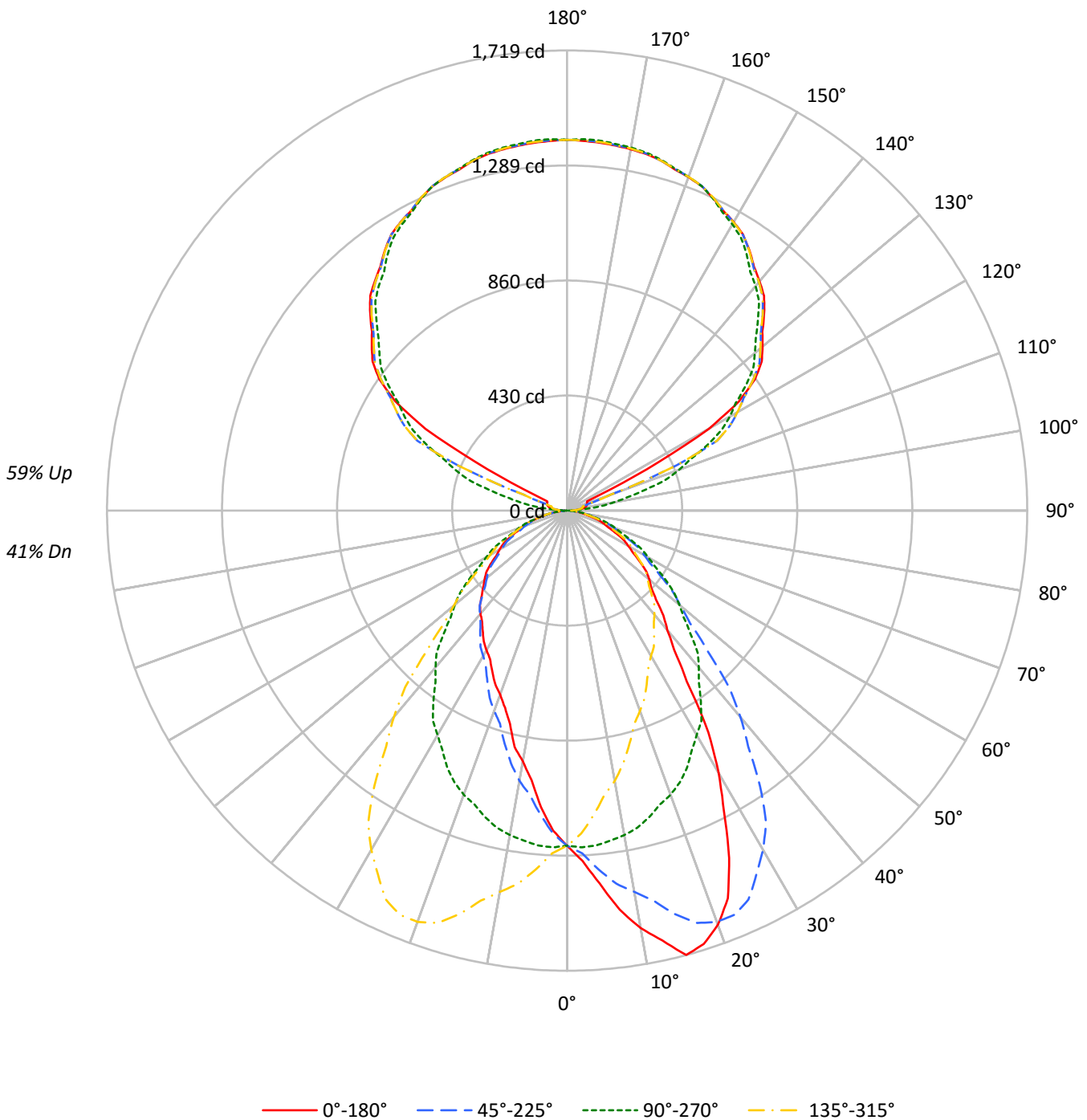
Input Watts (W): 56.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 41 |
| 1 | 96 | 92 | 88 | 85 | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 52 | 42 | 42 | 41 | 35 |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 65 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 30 |
| 3 | 80 | 71 | 64 | 59 | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 34 | 32 | 30 | 26 |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 51 | 46 | 48 | 43 | 40 | 39 | 36 | 33 | 31 | 28 | 26 | 22 |
| 5 | 68 | 57 | 49 | 43 | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 32 | 29 | 28 | 25 | 23 | 20 |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 23 | 21 | 18 |
| 7 | 58 | 46 | 38 | 33 | 53 | 42 | 36 | 31 | 36 | 30 | 27 | 29 | 25 | 22 | 23 | 20 | 18 | 16 |
| 8 | 54 | 42 | 34 | 29 | 49 | 39 | 32 | 27 | 32 | 27 | 24 | 27 | 23 | 20 | 21 | 19 | 17 | 14 |
| 9 | 50 | 38 | 31 | 26 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 |
| 10 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 22 | 27 | 23 | 19 | 23 | 19 | 16 | 18 | 16 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 20215 | 20215 | 20215 | 20215 |
| 5° | 22663 | 20345 | 18029 | 20345 |
| 10° | 25968 | 20179 | 15603 | 20179 |
| 15° | 28727 | 19809 | 13785 | 19809 |
| 20° | 28290 | 19411 | 12565 | 19411 |
| 25° | 25509 | 18884 | 11794 | 18884 |
| 30° | 21080 | 18040 | 11231 | 18040 |
| 35° | 15364 | 17156 | 10831 | 17156 |
| 40° | 12271 | 16115 | 10608 | 16115 |
| 45° | 10723 | 14908 | 10305 | 14908 |
| 50° | 10078 | 13742 | 10105 | 13742 |
| 55° | 9292 | 12555 | 9833 | 12555 |
| 60° | 8512 | 11296 | 9416 | 11296 |
| 65° | 7755 | 10166 | 9005 | 10166 |
| 70° | 7039 | 9064 | 8403 | 9064 |
| 75° | 6245 | 7829 | 7442 | 7829 |
| 80° | 5374 | 6481 | 5997 | 6481 |
| 85° | 4817 | 4817 | 3557 | 4817 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 119.2 | 1.7 |
| 10°-20° | 346.6 | 5.1 |
| 20°-30° | 503.1 | 7.4 |
| 30°-40° | 530.9 | 7.8 |
| 40°-50° | 470.0 | 6.9 |
| 50°-60° | 375.1 | 5.5 |
| 60°-70° | 254.9 | 3.7 |
| 70°-80° | 130.7 | 1.9 |
| 80°-90° | 34.9 | 0.5 |
| 90°-100° | 46.2 | 0.7 |
| 100°-110° | 169.4 | 2.5 |
| 110°-120° | 452.8 | 6.6 |
| 120°-130° | 747.4 | 11.0 |
| 130°-140° | 794.9 | 11.6 |
| 140°-150° | 738.8 | 10.8 |
| 150°-160° | 594.0 | 8.7 |
| 160°-170° | 382.8 | 5.6 |
| 170°-180° | 131.8 | 1.9 |
| 0°-30° | 968.9 | 14.2 |
| 0°-40° | 1499.8 | 22.0 |
| 0°-60° | 2344.9 | 34.4 |
| 0°-90° | 2765.5 | 40.5 |
| 90°-120° | 668.4 | 9.8 |
| 90°-150° | 2949.4 | 43.2 |
| 90°-180° | 4058.0 | 59.5 |
| 0°-180° | 6823.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1252 | 1252 | 1252 | 1252 | 1252 | |
| 5° | 1398 | 1255 | 1112 | 1255 | 1398 | 140 |
| 15° | 1719 | 1185 | 825 | 1185 | 1719 | 474 |
| 25° | 1432 | 1060 | 662 | 1060 | 1432 | 647 |
| 35° | 780 | 870 | 550 | 870 | 780 | 507 |
| 45° | 470 | 653 | 451 | 653 | 470 | 369 |
| 55° | 330 | 446 | 349 | 446 | 330 | 296 |
| 65° | 203 | 266 | 236 | 266 | 203 | 202 |
| 75° | 100 | 126 | 119 | 126 | 100 | 107 |
| 85° | 26 | 26 | 19 | 26 | 26 | 29 |
| 90° | 27 | 1 | 27 | 1 | 27 | 13 |
| 95° | 43 | 65 | 43 | 65 | 43 | 40 |
| 105° | 76 | 305 | 76 | 305 | 76 | 79 |
| 115° | 82 | 576 | 82 | 576 | 82 | 206 |
| 125° | 857 | 815 | 857 | 815 | 857 | 741 |
| 135° | 1041 | 1008 | 1041 | 1008 | 1041 | 802 |
| 145° | 1187 | 1169 | 1187 | 1169 | 1187 | 743 |
| 155° | 1288 | 1288 | 1288 | 1288 | 1288 | 595 |
| 165° | 1354 | 1357 | 1354 | 1357 | 1354 | 382 |
| 175° | 1380 | 1388 | 1380 | 1388 | 1380 | 131 |
| 180° | 1385 | 1385 | 1385 | 1385 | 1385 | |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1309.7 | 1310.0 | 1310.9 | 1304.7 | 1303.9 | 1303.9 | 1298.5 | 1293.9 | 1288.5 | 1281.2 | 1282.0 |
| 5° | 1398.3 | 1403.5 | 1405.4 | 1399.7 | 1391.0 | 1390.1 | 1381.9 | 1368.4 | 1355.8 | 1345.8 | 1338.6 |
| 7.5° | 1503.9 | 1506.0 | 1501.3 | 1493.6 | 1487.2 | 1475.7 | 1460.5 | 1445.6 | 1424.7 | 1405.5 | 1391.3 |
| 10° | 1583.9 | 1586.9 | 1578.7 | 1567.6 | 1558.5 | 1545.0 | 1522.9 | 1500.2 | 1472.8 | 1446.3 | 1425.1 |
| 12.5° | 1644.7 | 1651.9 | 1641.4 | 1639.9 | 1624.3 | 1605.8 | 1579.4 | 1568.0 | 1529.4 | 1492.5 | 1469.8 |
| 15° | 1718.6 | 1718.2 | 1719.2 | 1710.1 | 1698.5 | 1695.5 | 1667.6 | 1637.4 | 1583.0 | 1561.3 | 1523.8 |
| 17.5° | 1697.3 | 1704.6 | 1708.0 | 1707.9 | 1707.6 | 1705.8 | 1696.9 | 1677.7 | 1650.5 | 1615.3 | 1572.0 |
| 20° | 1646.5 | 1656.1 | 1657.6 | 1668.7 | 1674.9 | 1683.1 | 1686.4 | 1681.1 | 1664.3 | 1634.9 | 1597.4 |
| 22.5° | 1568.0 | 1570.7 | 1575.2 | 1592.4 | 1606.0 | 1626.5 | 1637.2 | 1655.0 | 1648.5 | 1634.2 | 1602.8 |
| 25° | 1431.9 | 1427.1 | 1444.0 | 1452.6 | 1483.8 | 1516.6 | 1540.2 | 1566.1 | 1589.2 | 1603.2 | 1594.0 |
| 27.5° | 1268.5 | 1261.3 | 1286.5 | 1309.5 | 1334.9 | 1370.4 | 1407.1 | 1450.5 | 1486.6 | 1531.7 | 1547.2 |
| 30° | 1130.7 | 1135.0 | 1159.1 | 1183.6 | 1222.1 | 1272.1 | 1313.5 | 1361.2 | 1412.7 | 1463.2 | 1498.3 |
| 32.5° | 982.1 | 998.8 | 1014.0 | 1051.6 | 1085.4 | 1141.3 | 1201.9 | 1261.5 | 1325.7 | 1383.1 | 1437.5 |
| 35° | 779.5 | 798.7 | 819.9 | 847.3 | 894.9 | 950.3 | 1009.5 | 1089.8 | 1177.4 | 1255.8 | 1320.3 |
| 37.5° | 656.1 | 653.0 | 665.2 | 684.9 | 723.6 | 768.2 | 836.3 | 915.8 | 1018.8 | 1111.0 | 1201.9 |
| 40° | 582.2 | 580.2 | 588.9 | 607.2 | 636.6 | 669.3 | 729.0 | 798.7 | 894.5 | 1007.0 | 1115.3 |
| 42.5° | 531.4 | 532.5 | 537.3 | 550.3 | 570.3 | 597.3 | 642.0 | 701.3 | 789.0 | 895.0 | 1011.3 |
| 45° | 469.6 | 473.0 | 478.2 | 484.6 | 496.1 | 518.2 | 543.2 | 585.6 | 654.9 | 743.4 | 857.9 |
| 47.5° | 425.2 | 425.3 | 430.6 | 436.1 | 443.0 | 455.4 | 475.9 | 502.4 | 551.3 | 623.4 | 721.8 |
| 50° | 401.2 | 397.9 | 401.8 | 406.0 | 413.3 | 422.0 | 435.5 | 460.4 | 493.1 | 551.4 | 633.7 |
| 52.5° | 372.0 | 372.1 | 375.6 | 377.2 | 383.7 | 392.3 | 404.6 | 422.0 | 451.6 | 497.1 | 564.8 |
| 55° | 330.1 | 332.4 | 334.4 | 337.2 | 343.1 | 349.3 | 358.9 | 370.5 | 393.6 | 427.7 | 477.8 |
| 57.5° | 290.6 | 291.3 | 293.3 | 298.8 | 302.5 | 308.2 | 317.4 | 327.8 | 342.9 | 368.2 | 405.8 |
| 60° | 263.6 | 263.6 | 267.5 | 269.9 | 274.8 | 280.5 | 287.8 | 297.8 | 311.3 | 332.0 | 362.3 |
| 62.5° | 239.0 | 238.7 | 240.2 | 244.1 | 247.8 | 253.2 | 260.4 | 269.0 | 281.6 | 300.0 | 325.0 |
| 65° | 203.0 | 202.1 | 205.0 | 205.9 | 209.8 | 215.1 | 220.8 | 230.0 | 240.1 | 253.5 | 275.7 |
| 67.5° | 168.4 | 169.6 | 171.1 | 173.0 | 175.0 | 180.6 | 184.5 | 191.0 | 199.4 | 210.7 | 225.6 |
| 70° | 149.1 | 149.1 | 149.1 | 150.6 | 153.4 | 156.4 | 160.2 | 165.5 | 173.7 | 183.3 | 196.8 |
| 72.5° | 127.6 | 129.1 | 130.6 | 129.8 | 133.5 | 135.2 | 139.8 | 142.8 | 150.6 | 156.7 | 168.7 |
| 75° | 100.1 | 100.1 | 100.1 | 102.5 | 104.0 | 105.4 | 108.3 | 111.1 | 115.0 | 122.7 | 128.9 |
| 77.5° | 74.6 | 74.5 | 74.9 | 75.5 | 77.1 | 78.8 | 79.6 | 82.3 | 85.9 | 89.4 | 94.7 |
| 80° | 57.8 | 58.7 | 59.2 | 60.1 | 60.1 | 61.1 | 61.5 | 64.9 | 67.4 | 69.7 | 73.1 |
| 82.5° | 44.7 | 44.9 | 45.0 | 45.1 | 45.5 | 46.1 | 47.3 | 48.4 | 49.3 | 51.3 | 53.9 |
| 85° | 26.0 | 25.5 | 25.5 | 26.5 | 26.0 | 26.0 | 27.0 | 27.9 | 27.9 | 28.4 | 29.8 |
| 87.5° | 15.5 | 15.4 | 15.6 | 15.2 | 15.1 | 15.3 | 15.1 | 14.4 | 14.6 | 14.8 | 14.8 |
| 90° | 27.1 | 26.6 | 26.2 | 25.7 | 25.3 | 24.5 | 23.4 | 22.2 | 21.1 | 20.1 | 18.3 |
| 92.5° | 27.1 | 26.8 | 26.5 | 26.3 | 26.0 | 25.5 | 25.0 | 24.4 | 23.8 | 23.3 | 22.3 |
| 95° | 43.1 | 43.3 | 43.5 | 43.7 | 44.0 | 43.5 | 42.4 | 41.3 | 40.2 | 39.1 | 37.5 |
| 97.5° | 57.5 | 57.2 | 57.0 | 56.7 | 56.5 | 55.9 | 55.0 | 54.1 | 53.2 | 52.3 | 48.7 |
| 100° | 67.1 | 66.7 | 66.3 | 65.8 | 65.3 | 64.3 | 62.5 | 60.7 | 58.9 | 57.1 | 53.3 |
| 102.5° | 71.9 | 71.4 | 70.7 | 70.0 | 69.5 | 68.0 | 65.7 | 63.3 | 61.1 | 58.7 | 90.4 |
| 105° | 76.2 | 75.2 | 74.4 | 73.5 | 72.6 | 70.9 | 68.4 | 66.0 | 63.5 | 61.1 | 121.9 |
| 107.5° | 78.3 | 77.5 | 76.5 | 75.7 | 74.8 | 75.6 | 78.0 | 80.6 | 83.0 | 85.6 | 158.4 |
| 110° | 79.2 | 78.2 | 77.4 | 76.4 | 75.6 | 86.2 | 108.6 | 130.8 | 153.1 | 175.3 | 239.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 79.9 | 79.3 | 78.5 | 77.9 | 77.1 | 117.3 | 198.6 | 279.8 | 361.1 | 442.2 | 458.2 |
| 115° | 82.2 | 98.2 | 114.2 | 130.3 | 146.3 | 205.9 | 309.0 | 412.0 | 515.1 | 618.2 | 612.7 |
| 117.5° | 335.5 | 388.1 | 440.8 | 493.5 | 546.2 | 585.0 | 609.9 | 634.9 | 659.8 | 684.8 | 680.9 |
| 120° | 611.2 | 641.2 | 671.3 | 701.3 | 731.4 | 745.2 | 742.4 | 739.8 | 737.1 | 734.4 | 730.5 |
| 122.5° | 762.7 | 768.5 | 774.4 | 780.2 | 786.0 | 788.2 | 786.6 | 784.9 | 783.3 | 781.7 | 777.4 |
| 125° | 856.7 | 856.0 | 855.4 | 854.7 | 854.0 | 852.9 | 851.3 | 849.8 | 848.2 | 846.7 | 842.4 |
| 127.5° | 916.0 | 915.9 | 915.8 | 915.6 | 915.5 | 914.3 | 912.0 | 909.7 | 907.5 | 905.2 | 902.0 |
| 130° | 952.9 | 953.1 | 953.3 | 953.6 | 953.8 | 952.6 | 950.2 | 947.7 | 945.3 | 942.8 | 940.4 |
| 132.5° | 988.9 | 989.2 | 989.4 | 989.6 | 989.9 | 988.9 | 986.8 | 984.7 | 982.6 | 980.5 | 978.1 |
| 135° | 1041.0 | 1041.5 | 1041.9 | 1042.4 | 1042.8 | 1041.9 | 1039.7 | 1037.5 | 1035.3 | 1033.0 | 1031.0 |
| 137.5° | 1088.5 | 1089.3 | 1090.1 | 1090.8 | 1091.6 | 1090.8 | 1088.6 | 1086.5 | 1084.3 | 1082.1 | 1079.9 |
| 140° | 1118.2 | 1119.3 | 1120.4 | 1121.5 | 1122.7 | 1122.2 | 1120.2 | 1118.2 | 1116.2 | 1114.2 | 1111.7 |
| 142.5° | 1147.1 | 1148.2 | 1149.2 | 1150.4 | 1151.5 | 1151.1 | 1149.3 | 1147.5 | 1145.7 | 1143.9 | 1141.0 |
| 145° | 1187.3 | 1188.5 | 1189.6 | 1190.7 | 1191.8 | 1191.6 | 1190.0 | 1188.5 | 1186.8 | 1185.3 | 1181.6 |
| 147.5° | 1222.8 | 1223.7 | 1224.6 | 1225.6 | 1226.5 | 1226.4 | 1225.3 | 1224.1 | 1222.9 | 1221.8 | 1218.0 |
| 150° | 1244.4 | 1245.6 | 1246.7 | 1247.7 | 1248.9 | 1248.8 | 1247.5 | 1246.1 | 1244.8 | 1243.4 | 1239.9 |
| 152.5° | 1262.9 | 1264.3 | 1265.8 | 1267.2 | 1268.8 | 1268.9 | 1267.5 | 1266.1 | 1264.8 | 1263.5 | 1260.1 |
| 155° | 1288.5 | 1290.3 | 1292.1 | 1293.8 | 1295.6 | 1295.9 | 1294.6 | 1293.2 | 1291.8 | 1290.5 | 1287.9 |
| 157.5° | 1311.9 | 1313.7 | 1315.4 | 1317.2 | 1318.9 | 1319.0 | 1317.5 | 1316.0 | 1314.5 | 1313.0 | 1311.1 |
| 160° | 1325.6 | 1327.2 | 1328.7 | 1330.3 | 1331.8 | 1331.9 | 1330.6 | 1329.3 | 1327.9 | 1326.6 | 1325.3 |
| 162.5° | 1336.8 | 1338.7 | 1340.7 | 1342.6 | 1344.4 | 1344.7 | 1343.1 | 1341.6 | 1340.1 | 1338.6 | 1337.5 |
| 165° | 1353.7 | 1355.2 | 1356.8 | 1358.3 | 1359.9 | 1359.9 | 1358.3 | 1356.8 | 1355.2 | 1353.7 | 1353.0 |
| 167.5° | 1364.2 | 1366.3 | 1368.3 | 1370.3 | 1372.2 | 1372.5 | 1370.9 | 1369.4 | 1367.8 | 1366.3 | 1365.6 |
| 170° | 1370.6 | 1372.7 | 1374.7 | 1376.7 | 1378.7 | 1378.9 | 1377.3 | 1375.8 | 1374.2 | 1372.7 | 1372.2 |
| 172.5° | 1375.5 | 1377.5 | 1379.5 | 1381.5 | 1383.6 | 1383.7 | 1382.1 | 1380.6 | 1379.0 | 1377.5 | 1377.1 |
| 175° | 1379.7 | 1382.0 | 1384.1 | 1386.4 | 1388.6 | 1388.9 | 1387.4 | 1385.8 | 1384.3 | 1382.7 | 1382.2 |
| 177.5° | 1382.3 | 1383.9 | 1385.5 | 1387.1 | 1388.7 | 1388.9 | 1387.6 | 1386.4 | 1385.2 | 1383.9 | 1383.7 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1284.7 | 1281.6 | 1279.7 | 1272.7 | 1266.6 | 1260.5 | 1258.5 | 1259.2 | 1250.8 | 1242.7 | 1239.3 |
| 5° | 1334.7 | 1325.1 | 1316.0 | 1303.0 | 1287.6 | 1270.7 | 1262.1 | 1255.3 | 1238.5 | 1220.2 | 1209.7 |
| 7.5° | 1379.6 | 1365.8 | 1348.2 | 1323.7 | 1301.4 | 1274.9 | 1258.0 | 1243.1 | 1218.4 | 1192.7 | 1176.9 |
| 10° | 1406.9 | 1388.1 | 1365.5 | 1335.7 | 1308.2 | 1276.0 | 1253.4 | 1230.8 | 1201.9 | 1171.1 | 1151.9 |
| 12.5° | 1430.4 | 1405.0 | 1382.8 | 1344.5 | 1312.1 | 1271.8 | 1244.9 | 1213.1 | 1182.7 | 1146.1 | 1127.3 |
| 15° | 1486.3 | 1439.6 | 1397.2 | 1354.0 | 1314.0 | 1257.7 | 1227.9 | 1185.1 | 1145.1 | 1099.9 | 1078.3 |
| 17.5° | 1529.5 | 1477.1 | 1410.3 | 1355.3 | 1308.7 | 1246.4 | 1202.6 | 1151.3 | 1104.1 | 1052.3 | 1022.9 |
| 20° | 1554.2 | 1493.9 | 1422.3 | 1356.9 | 1301.0 | 1229.8 | 1182.2 | 1129.7 | 1074.4 | 1016.2 | 984.4 |
| 22.5° | 1568.8 | 1505.5 | 1434.6 | 1351.0 | 1285.6 | 1216.4 | 1156.4 | 1098.9 | 1042.8 | 980.1 | 946.7 |
| 25° | 1573.4 | 1515.6 | 1440.6 | 1346.2 | 1266.4 | 1188.0 | 1115.8 | 1060.0 | 992.1 | 933.4 | 884.9 |
| 27.5° | 1550.5 | 1509.1 | 1436.9 | 1337.2 | 1244.2 | 1152.4 | 1072.0 | 1008.8 | 937.2 | 873.5 | 824.6 |
| 30° | 1522.4 | 1498.3 | 1428.0 | 1327.9 | 1226.4 | 1127.8 | 1039.2 | 967.6 | 896.4 | 831.9 | 781.8 |
| 32.5° | 1478.8 | 1473.7 | 1411.9 | 1314.8 | 1207.6 | 1096.6 | 1005.0 | 932.6 | 853.7 | 790.3 | 742.6 |
| 35° | 1393.5 | 1416.5 | 1377.5 | 1285.6 | 1172.1 | 1052.3 | 953.2 | 870.4 | 788.6 | 728.0 | 683.2 |
| 37.5° | 1278.9 | 1336.2 | 1326.1 | 1242.8 | 1124.2 | 1004.0 | 894.6 | 808.0 | 730.1 | 668.9 | 625.0 |
| 40° | 1200.0 | 1273.1 | 1283.7 | 1210.1 | 1090.3 | 966.7 | 850.6 | 764.6 | 688.5 | 632.7 | 588.4 |
| 42.5° | 1115.3 | 1200.8 | 1229.8 | 1170.8 | 1053.3 | 927.4 | 811.4 | 722.2 | 647.0 | 592.7 | 553.5 |
| 45° | 973.4 | 1086.5 | 1138.9 | 1105.2 | 991.6 | 862.7 | 743.4 | 652.9 | 584.6 | 533.6 | 503.3 |
| 47.5° | 840.7 | 964.2 | 1034.7 | 1022.8 | 923.0 | 795.3 | 677.4 | 590.6 | 524.1 | 483.3 | 456.2 |
| 50° | 746.8 | 873.7 | 958.9 | 962.8 | 873.7 | 747.2 | 628.9 | 547.1 | 486.0 | 448.0 | 425.8 |
| 52.5° | 665.2 | 786.4 | 879.3 | 899.7 | 818.7 | 697.2 | 585.4 | 504.0 | 450.2 | 415.2 | 395.4 |
| 55° | 558.6 | 661.1 | 764.0 | 801.6 | 736.6 | 621.1 | 517.7 | 446.0 | 395.5 | 371.5 | 354.1 |
| 57.5° | 464.4 | 549.9 | 645.0 | 686.5 | 646.4 | 547.5 | 450.5 | 388.3 | 347.3 | 326.2 | 312.9 |
| 60° | 414.7 | 482.1 | 566.8 | 616.3 | 581.7 | 493.7 | 409.0 | 349.8 | 316.1 | 297.4 | 284.8 |
| 62.5° | 368.5 | 428.2 | 499.8 | 545.2 | 526.3 | 443.3 | 367.4 | 315.2 | 286.1 | 268.4 | 259.5 |
| 65° | 304.1 | 351.3 | 406.6 | 448.5 | 435.9 | 372.9 | 310.9 | 266.1 | 243.0 | 229.0 | 221.8 |
| 67.5° | 250.4 | 284.5 | 322.8 | 359.5 | 349.4 | 304.7 | 255.0 | 220.1 | 202.8 | 190.9 | 186.5 |
| 70° | 216.5 | 242.5 | 276.6 | 306.0 | 297.8 | 261.3 | 221.8 | 192.0 | 177.1 | 166.9 | 162.6 |
| 72.5° | 184.2 | 205.6 | 231.6 | 255.6 | 250.1 | 219.7 | 186.8 | 164.3 | 152.8 | 143.5 | 139.9 |
| 75° | 139.0 | 155.4 | 171.3 | 187.2 | 185.7 | 162.1 | 142.9 | 125.5 | 116.4 | 109.2 | 107.7 |
| 77.5° | 102.6 | 111.8 | 122.6 | 132.1 | 129.4 | 115.9 | 100.9 | 91.0 | 84.2 | 79.4 | 78.6 |
| 80° | 78.4 | 83.7 | 91.4 | 98.1 | 94.8 | 89.0 | 77.0 | 69.7 | 64.9 | 60.1 | 58.2 |
| 82.5° | 56.8 | 62.2 | 66.8 | 70.4 | 67.9 | 62.5 | 55.0 | 50.1 | 47.2 | 44.0 | 43.2 |
| 85° | 29.8 | 32.7 | 34.7 | 35.6 | 34.7 | 31.3 | 27.9 | 26.0 | 23.6 | 22.1 | 21.7 |
| 87.5° | 14.8 | 14.5 | 14.1 | 14.5 | 12.8 | 12.3 | 10.3 | 8.7 | 8.8 | 8.9 | 8.6 |
| 90° | 16.5 | 14.7 | 12.9 | 10.8 | 8.4 | 5.9 | 3.5 | 1.0 | 3.5 | 5.9 | 8.4 |
| 92.5° | 21.5 | 20.5 | 19.7 | 19.3 | 19.6 | 19.8 | 20.0 | 20.3 | 20.0 | 19.8 | 19.6 |
| 95° | 36.0 | 34.4 | 32.8 | 35.7 | 43.1 | 50.4 | 57.8 | 65.1 | 57.8 | 50.4 | 43.1 |
| 97.5° | 45.1 | 41.5 | 37.9 | 46.5 | 67.1 | 87.8 | 108.6 | 129.2 | 108.6 | 87.8 | 67.1 |
| 100° | 49.6 | 45.7 | 41.9 | 55.3 | 85.9 | 116.3 | 146.8 | 177.4 | 146.8 | 116.3 | 85.9 |
| 102.5° | 122.1 | 153.7 | 185.4 | 204.4 | 210.8 | 217.4 | 223.8 | 230.3 | 223.8 | 217.4 | 210.8 |
| 105° | 182.7 | 243.5 | 304.3 | 331.3 | 324.6 | 317.9 | 311.3 | 304.6 | 311.3 | 317.9 | 324.6 |
| 107.5° | 231.4 | 304.3 | 377.2 | 410.9 | 405.5 | 400.1 | 394.7 | 389.4 | 394.7 | 400.1 | 405.5 |
| 110° | 304.1 | 368.3 | 432.7 | 462.6 | 457.9 | 453.3 | 448.6 | 443.8 | 448.6 | 453.3 | 457.9 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 474.1 | 489.9 | 505.9 | 511.7 | 507.6 | 503.4 | 499.4 | 495.2 | 499.4 | 503.4 | 507.6 |
| 115° | 607.1 | 601.5 | 596.0 | 591.3 | 587.5 | 583.7 | 579.9 | 576.2 | 579.9 | 583.7 | 587.5 |
| 117.5° | 677.1 | 673.3 | 669.4 | 665.4 | 661.2 | 657.0 | 652.7 | 648.5 | 652.7 | 657.0 | 661.2 |
| 120° | 726.4 | 722.5 | 718.4 | 714.7 | 711.4 | 708.0 | 704.7 | 701.3 | 704.7 | 708.0 | 711.4 |
| 122.5° | 773.0 | 768.6 | 764.3 | 760.3 | 756.9 | 753.3 | 749.8 | 746.3 | 749.8 | 753.3 | 756.9 |
| 125° | 838.2 | 834.0 | 829.7 | 826.1 | 823.3 | 820.4 | 817.5 | 814.6 | 817.5 | 820.4 | 823.3 |
| 127.5° | 898.8 | 895.7 | 892.5 | 889.4 | 886.2 | 883.0 | 879.8 | 876.6 | 879.8 | 883.0 | 886.2 |
| 130° | 937.9 | 935.5 | 933.0 | 930.0 | 926.5 | 922.9 | 919.4 | 915.8 | 919.4 | 922.9 | 926.5 |
| 132.5° | 975.6 | 973.2 | 970.7 | 968.0 | 965.0 | 962.0 | 958.9 | 955.8 | 958.9 | 962.0 | 965.0 |
| 135° | 1029.0 | 1027.0 | 1025.0 | 1022.2 | 1018.7 | 1015.1 | 1011.5 | 1008.0 | 1011.5 | 1015.1 | 1018.7 |
| 137.5° | 1077.6 | 1075.3 | 1073.0 | 1070.6 | 1068.2 | 1065.6 | 1063.2 | 1060.6 | 1063.2 | 1065.6 | 1068.2 |
| 140° | 1109.3 | 1106.8 | 1104.4 | 1102.3 | 1100.5 | 1098.7 | 1096.9 | 1095.1 | 1096.9 | 1098.7 | 1100.5 |
| 142.5° | 1138.2 | 1135.4 | 1132.7 | 1130.4 | 1128.8 | 1127.2 | 1125.6 | 1124.0 | 1125.6 | 1127.2 | 1128.8 |
| 145° | 1177.7 | 1173.9 | 1170.2 | 1168.4 | 1168.7 | 1168.8 | 1169.0 | 1169.3 | 1169.0 | 1168.8 | 1168.7 |
| 147.5° | 1214.3 | 1210.6 | 1206.8 | 1205.4 | 1206.3 | 1207.1 | 1208.0 | 1208.8 | 1208.0 | 1207.1 | 1206.3 |
| 150° | 1236.3 | 1232.8 | 1229.2 | 1228.2 | 1229.7 | 1231.3 | 1232.8 | 1234.4 | 1232.8 | 1231.3 | 1229.7 |
| 152.5° | 1256.7 | 1253.3 | 1249.9 | 1249.2 | 1250.8 | 1252.5 | 1254.3 | 1256.0 | 1254.3 | 1252.5 | 1250.8 |
| 155° | 1285.2 | 1282.5 | 1279.9 | 1279.5 | 1281.5 | 1283.6 | 1285.5 | 1287.5 | 1285.5 | 1283.6 | 1281.5 |
| 157.5° | 1309.2 | 1307.4 | 1305.5 | 1305.4 | 1307.1 | 1308.8 | 1310.5 | 1312.2 | 1310.5 | 1308.8 | 1307.1 |
| 160° | 1323.9 | 1322.6 | 1321.3 | 1321.3 | 1322.6 | 1323.9 | 1325.3 | 1326.6 | 1325.3 | 1323.9 | 1322.6 |
| 162.5° | 1336.3 | 1335.1 | 1334.0 | 1334.1 | 1335.4 | 1336.7 | 1338.1 | 1339.4 | 1338.1 | 1336.7 | 1335.4 |
| 165° | 1352.4 | 1351.6 | 1350.9 | 1351.3 | 1352.6 | 1354.0 | 1355.3 | 1356.7 | 1355.3 | 1354.0 | 1352.6 |
| 167.5° | 1365.0 | 1364.4 | 1363.8 | 1364.1 | 1365.5 | 1366.8 | 1368.2 | 1369.5 | 1368.2 | 1366.8 | 1365.5 |
| 170° | 1371.8 | 1371.4 | 1370.9 | 1371.4 | 1372.7 | 1374.0 | 1375.4 | 1376.7 | 1375.4 | 1374.0 | 1372.7 |
| 172.5° | 1376.6 | 1376.2 | 1375.7 | 1376.2 | 1377.5 | 1378.8 | 1380.2 | 1381.5 | 1380.2 | 1378.8 | 1377.5 |
| 175° | 1381.9 | 1381.4 | 1380.9 | 1381.5 | 1383.1 | 1384.6 | 1386.2 | 1387.7 | 1386.2 | 1384.6 | 1383.1 |
| 177.5° | 1383.6 | 1383.4 | 1383.2 | 1383.7 | 1385.0 | 1386.2 | 1387.5 | 1388.7 | 1387.5 | 1386.2 | 1385.0 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1235.4 | 1233.1 | 1225.0 | 1220.8 | 1213.8 | 1207.3 | 1203.1 | 1205.0 | 1206.5 | 1205.8 | 1204.6 |
| 5° | 1200.0 | 1190.8 | 1176.9 | 1164.9 | 1156.2 | 1140.3 | 1133.6 | 1130.2 | 1127.4 | 1124.0 | 1120.6 |
| 7.5° | 1157.8 | 1143.4 | 1123.4 | 1106.3 | 1090.1 | 1070.4 | 1059.1 | 1052.3 | 1045.5 | 1037.8 | 1031.1 |
| 10° | 1127.8 | 1107.6 | 1086.5 | 1062.3 | 1043.1 | 1025.3 | 1009.5 | 998.9 | 989.3 | 980.1 | 973.4 |
| 12.5° | 1096.3 | 1073.0 | 1046.8 | 1013.9 | 992.7 | 967.2 | 964.8 | 946.1 | 931.1 | 925.5 | 917.6 |
| 15° | 1046.0 | 1013.3 | 980.1 | 941.1 | 924.3 | 901.2 | 886.7 | 872.3 | 859.3 | 850.2 | 847.8 |
| 17.5° | 988.9 | 946.6 | 913.6 | 885.6 | 858.0 | 834.3 | 821.0 | 809.5 | 798.8 | 786.6 | 784.9 |
| 20° | 945.5 | 908.9 | 872.8 | 848.3 | 819.9 | 795.8 | 779.5 | 767.9 | 758.7 | 751.6 | 745.3 |
| 22.5° | 904.3 | 864.2 | 831.2 | 804.4 | 776.4 | 757.0 | 744.0 | 732.9 | 725.3 | 717.3 | 711.4 |
| 25° | 838.2 | 806.9 | 770.8 | 740.5 | 717.4 | 704.9 | 694.3 | 684.7 | 679.9 | 674.6 | 667.9 |
| 27.5° | 780.3 | 745.6 | 711.8 | 688.3 | 668.1 | 657.0 | 649.4 | 642.9 | 638.4 | 635.3 | 631.5 |
| 30° | 739.5 | 704.4 | 678.0 | 654.9 | 638.0 | 627.0 | 622.2 | 618.3 | 613.0 | 611.1 | 609.2 |
| 32.5° | 700.3 | 668.6 | 646.0 | 625.9 | 609.9 | 602.7 | 598.2 | 594.8 | 590.7 | 588.7 | 584.8 |
| 35° | 644.7 | 618.3 | 596.2 | 585.0 | 572.1 | 565.8 | 562.5 | 557.6 | 553.8 | 551.9 | 551.4 |
| 37.5° | 592.5 | 569.5 | 555.0 | 540.7 | 535.3 | 531.4 | 526.8 | 523.5 | 522.4 | 522.1 | 521.6 |
| 40° | 558.6 | 539.9 | 526.9 | 515.3 | 512.9 | 507.1 | 503.3 | 500.4 | 500.4 | 500.9 | 500.4 |
| 42.5° | 527.8 | 511.0 | 499.5 | 489.6 | 486.7 | 483.2 | 479.4 | 479.2 | 480.0 | 481.6 | 480.0 |
| 45° | 481.2 | 469.1 | 460.9 | 456.1 | 450.8 | 447.4 | 447.0 | 448.5 | 448.9 | 449.4 | 450.8 |
| 47.5° | 438.2 | 430.3 | 422.8 | 417.5 | 415.2 | 414.6 | 414.1 | 416.6 | 418.9 | 419.7 | 422.0 |
| 50° | 412.8 | 403.7 | 397.5 | 394.1 | 392.1 | 391.2 | 392.1 | 395.0 | 396.9 | 399.4 | 400.8 |
| 52.5° | 384.4 | 377.9 | 373.5 | 371.0 | 370.2 | 370.8 | 371.0 | 374.3 | 377.3 | 378.1 | 378.9 |
| 55° | 345.0 | 340.2 | 339.2 | 334.9 | 336.8 | 336.3 | 338.7 | 340.6 | 343.6 | 346.4 | 346.9 |
| 57.5° | 305.8 | 301.9 | 299.3 | 299.6 | 300.2 | 302.4 | 304.3 | 307.7 | 310.9 | 313.9 | 314.1 |
| 60° | 279.6 | 277.6 | 276.2 | 276.2 | 277.1 | 280.0 | 282.5 | 285.8 | 287.8 | 289.6 | 291.1 |
| 62.5° | 255.7 | 253.7 | 252.3 | 253.1 | 255.6 | 257.3 | 260.1 | 261.9 | 263.8 | 265.8 | 266.5 |
| 65° | 217.9 | 217.0 | 218.5 | 219.4 | 219.9 | 222.3 | 225.6 | 227.1 | 229.0 | 230.0 | 233.4 |
| 67.5° | 183.2 | 183.4 | 183.2 | 184.5 | 187.4 | 187.9 | 191.1 | 194.4 | 194.8 | 196.7 | 198.9 |
| 70° | 159.8 | 160.7 | 161.6 | 162.6 | 165.0 | 166.0 | 168.4 | 169.8 | 171.7 | 173.2 | 174.7 |
| 72.5° | 138.2 | 138.4 | 139.3 | 139.1 | 141.2 | 143.3 | 145.3 | 146.8 | 148.6 | 150.5 | 151.9 |
| 75° | 106.3 | 106.3 | 107.3 | 107.7 | 110.2 | 112.6 | 112.1 | 113.1 | 115.0 | 116.9 | 117.9 |
| 77.5° | 77.7 | 76.6 | 77.7 | 78.1 | 78.9 | 81.0 | 81.3 | 82.7 | 84.8 | 84.2 | 85.3 |
| 80° | 59.2 | 57.8 | 59.2 | 59.7 | 59.7 | 62.1 | 62.1 | 63.1 | 64.5 | 63.1 | 64.5 |
| 82.5° | 42.2 | 41.6 | 42.6 | 42.7 | 43.5 | 43.5 | 44.4 | 44.6 | 46.0 | 45.3 | 46.0 |
| 85° | 21.2 | 20.7 | 21.2 | 20.7 | 21.2 | 21.7 | 21.7 | 21.2 | 21.2 | 22.1 | 20.7 |
| 87.5° | 8.7 | 8.8 | 8.7 | 9.0 | 9.0 | 9.0 | 8.9 | 9.0 | 9.3 | 8.8 | 8.9 |
| 90° | 10.8 | 12.9 | 14.7 | 16.5 | 18.3 | 20.1 | 21.1 | 22.2 | 23.4 | 24.5 | 25.3 |
| 92.5° | 19.3 | 19.7 | 20.5 | 21.5 | 22.3 | 23.3 | 23.8 | 24.4 | 25.0 | 25.5 | 26.0 |
| 95° | 35.7 | 32.8 | 34.4 | 36.0 | 37.5 | 39.1 | 40.2 | 41.3 | 42.4 | 43.5 | 44.0 |
| 97.5° | 46.5 | 37.9 | 41.5 | 45.1 | 48.7 | 52.3 | 53.2 | 54.1 | 55.0 | 55.9 | 56.5 |
| 100° | 55.3 | 41.9 | 45.7 | 49.6 | 53.3 | 57.1 | 58.9 | 60.7 | 62.5 | 64.3 | 65.3 |
| 102.5° | 204.4 | 185.4 | 153.7 | 122.1 | 90.4 | 58.7 | 61.1 | 63.3 | 65.7 | 68.0 | 69.5 |
| 105° | 331.3 | 304.3 | 243.5 | 182.7 | 121.9 | 61.1 | 63.5 | 66.0 | 68.4 | 70.9 | 72.6 |
| 107.5° | 410.9 | 377.2 | 304.3 | 231.4 | 158.4 | 85.6 | 83.0 | 80.6 | 78.0 | 75.6 | 74.8 |
| 110° | 462.6 | 432.7 | 368.3 | 304.1 | 239.7 | 175.3 | 153.1 | 130.8 | 108.6 | 86.2 | 75.6 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 511.7 | 505.9 | 489.9 | 474.1 | 458.2 | 442.2 | 361.1 | 279.8 | 198.6 | 117.3 | 77.1 |
| 115° | 591.3 | 596.0 | 601.5 | 607.1 | 612.7 | 618.2 | 515.1 | 412.0 | 309.0 | 205.9 | 146.3 |
| 117.5° | 665.4 | 669.4 | 673.3 | 677.1 | 680.9 | 684.8 | 659.8 | 634.9 | 609.9 | 585.0 | 546.2 |
| 120° | 714.7 | 718.4 | 722.5 | 726.4 | 730.5 | 734.4 | 737.1 | 739.8 | 742.4 | 745.2 | 731.4 |
| 122.5° | 760.3 | 764.3 | 768.6 | 773.0 | 777.4 | 781.7 | 783.3 | 784.9 | 786.6 | 788.2 | 786.0 |
| 125° | 826.1 | 829.7 | 834.0 | 838.2 | 842.4 | 846.7 | 848.2 | 849.8 | 851.3 | 852.9 | 854.0 |
| 127.5° | 889.4 | 892.5 | 895.7 | 898.8 | 902.0 | 905.2 | 907.5 | 909.7 | 912.0 | 914.3 | 915.5 |
| 130° | 930.0 | 933.0 | 935.5 | 937.9 | 940.4 | 942.8 | 945.3 | 947.7 | 950.2 | 952.6 | 953.8 |
| 132.5° | 968.0 | 970.7 | 973.2 | 975.6 | 978.1 | 980.5 | 982.6 | 984.7 | 986.8 | 988.9 | 989.9 |
| 135° | 1022.2 | 1025.0 | 1027.0 | 1029.0 | 1031.0 | 1033.0 | 1035.3 | 1037.5 | 1039.7 | 1041.9 | 1042.8 |
| 137.5° | 1070.6 | 1073.0 | 1075.3 | 1077.6 | 1079.9 | 1082.1 | 1084.3 | 1086.5 | 1088.6 | 1090.8 | 1091.6 |
| 140° | 1102.3 | 1104.4 | 1106.8 | 1109.3 | 1111.7 | 1114.2 | 1116.2 | 1118.2 | 1120.2 | 1122.2 | 1122.7 |
| 142.5° | 1130.4 | 1132.7 | 1135.4 | 1138.2 | 1141.0 | 1143.9 | 1145.7 | 1147.5 | 1149.3 | 1151.1 | 1151.5 |
| 145° | 1168.4 | 1170.2 | 1173.9 | 1177.7 | 1181.6 | 1185.3 | 1186.8 | 1188.5 | 1190.0 | 1191.6 | 1191.8 |
| 147.5° | 1205.4 | 1206.8 | 1210.6 | 1214.3 | 1218.0 | 1221.8 | 1222.9 | 1224.1 | 1225.3 | 1226.4 | 1226.5 |
| 150° | 1228.2 | 1229.2 | 1232.8 | 1236.3 | 1239.9 | 1243.4 | 1244.8 | 1246.1 | 1247.5 | 1248.8 | 1248.9 |
| 152.5° | 1249.2 | 1249.9 | 1253.3 | 1256.7 | 1260.1 | 1263.5 | 1264.8 | 1266.1 | 1267.5 | 1268.9 | 1268.8 |
| 155° | 1279.5 | 1279.9 | 1282.5 | 1285.2 | 1287.9 | 1290.5 | 1291.8 | 1293.2 | 1294.6 | 1295.9 | 1295.6 |
| 157.5° | 1305.4 | 1305.5 | 1307.4 | 1309.2 | 1311.1 | 1313.0 | 1314.5 | 1316.0 | 1317.5 | 1319.0 | 1318.9 |
| 160° | 1321.3 | 1321.3 | 1322.6 | 1323.9 | 1325.3 | 1326.6 | 1327.9 | 1329.3 | 1330.6 | 1331.9 | 1331.8 |
| 162.5° | 1334.1 | 1334.0 | 1335.1 | 1336.3 | 1337.5 | 1338.6 | 1340.1 | 1341.6 | 1343.1 | 1344.7 | 1344.4 |
| 165° | 1351.3 | 1350.9 | 1351.6 | 1352.4 | 1353.0 | 1353.7 | 1355.2 | 1356.8 | 1358.3 | 1359.9 | 1359.9 |
| 167.5° | 1364.1 | 1363.8 | 1364.4 | 1365.0 | 1365.6 | 1366.3 | 1367.8 | 1369.4 | 1370.9 | 1372.5 | 1372.2 |
| 170° | 1371.4 | 1370.9 | 1371.4 | 1371.8 | 1372.2 | 1372.7 | 1374.2 | 1375.8 | 1377.3 | 1378.9 | 1378.7 |
| 172.5° | 1376.2 | 1375.7 | 1376.2 | 1376.6 | 1377.1 | 1377.5 | 1379.0 | 1380.6 | 1382.1 | 1383.7 | 1383.6 |
| 175° | 1381.5 | 1380.9 | 1381.4 | 1381.9 | 1382.2 | 1382.7 | 1384.3 | 1385.8 | 1387.4 | 1388.9 | 1388.6 |
| 177.5° | 1383.7 | 1383.2 | 1383.4 | 1383.6 | 1383.7 | 1383.9 | 1385.2 | 1386.4 | 1387.6 | 1388.9 | 1388.7 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1200.8 | 1200.0 | 1200.0 | 1196.6 | 1200.0 | 1200.0 | 1200.8 | 1204.6 | 1205.8 | 1206.5 | 1205.0 |
| 5° | 1113.9 | 1112.4 | 1110.0 | 1112.4 | 1110.0 | 1112.4 | 1113.9 | 1120.6 | 1124.0 | 1127.4 | 1130.2 |
| 7.5° | 1027.9 | 1022.2 | 1021.3 | 1015.6 | 1021.3 | 1022.2 | 1027.9 | 1031.1 | 1037.8 | 1045.5 | 1052.3 |
| 10° | 965.2 | 961.3 | 960.8 | 951.7 | 960.8 | 961.3 | 965.2 | 973.4 | 980.1 | 989.3 | 998.9 |
| 12.5° | 917.5 | 908.2 | 910.0 | 904.7 | 910.0 | 908.2 | 917.5 | 917.6 | 925.5 | 931.1 | 946.1 |
| 15° | 834.8 | 834.8 | 832.8 | 824.7 | 832.8 | 834.8 | 834.8 | 847.8 | 850.2 | 859.3 | 872.3 |
| 17.5° | 775.4 | 774.5 | 769.9 | 772.1 | 769.9 | 774.5 | 775.4 | 784.9 | 786.6 | 798.8 | 809.5 |
| 20° | 740.0 | 737.2 | 731.3 | 731.3 | 731.3 | 737.2 | 740.0 | 745.3 | 751.6 | 758.7 | 767.9 |
| 22.5° | 706.5 | 706.3 | 700.2 | 702.1 | 700.2 | 706.3 | 706.5 | 711.4 | 717.3 | 725.3 | 732.9 |
| 25° | 667.3 | 663.5 | 660.6 | 662.0 | 660.6 | 663.5 | 667.3 | 667.9 | 674.6 | 679.9 | 684.7 |
| 27.5° | 630.2 | 628.1 | 627.9 | 624.0 | 627.9 | 628.1 | 630.2 | 631.5 | 635.3 | 638.4 | 642.9 |
| 30° | 608.7 | 603.9 | 604.8 | 602.4 | 604.8 | 603.9 | 608.7 | 609.2 | 611.1 | 613.0 | 618.3 |
| 32.5° | 584.0 | 582.3 | 581.4 | 579.3 | 581.4 | 582.3 | 584.0 | 584.8 | 588.7 | 590.7 | 594.8 |
| 35° | 550.4 | 550.9 | 548.6 | 549.5 | 548.6 | 550.9 | 550.4 | 551.4 | 551.9 | 553.8 | 557.6 |
| 37.5° | 521.1 | 522.6 | 521.5 | 521.8 | 521.5 | 522.6 | 521.1 | 521.6 | 522.1 | 522.4 | 523.5 |
| 40° | 501.8 | 501.8 | 501.8 | 503.3 | 501.8 | 501.8 | 501.8 | 500.4 | 500.9 | 500.4 | 500.4 |
| 42.5° | 483.3 | 482.6 | 481.8 | 481.7 | 481.8 | 482.6 | 483.3 | 480.0 | 481.6 | 480.0 | 479.2 |
| 45° | 451.8 | 453.3 | 453.7 | 451.3 | 453.7 | 453.3 | 451.8 | 450.8 | 449.4 | 448.9 | 448.5 |
| 47.5° | 423.2 | 423.4 | 423.2 | 425.4 | 423.2 | 423.4 | 423.2 | 422.0 | 419.7 | 418.9 | 416.6 |
| 50° | 403.2 | 402.3 | 403.2 | 402.3 | 403.2 | 402.3 | 403.2 | 400.8 | 399.4 | 396.9 | 395.0 |
| 52.5° | 382.0 | 382.2 | 381.6 | 381.4 | 381.6 | 382.2 | 382.0 | 378.9 | 378.1 | 377.3 | 374.3 |
| 55° | 348.8 | 349.8 | 349.3 | 349.3 | 349.3 | 349.8 | 348.8 | 346.9 | 346.4 | 343.6 | 340.6 |
| 57.5° | 314.5 | 315.4 | 316.0 | 313.9 | 316.0 | 315.4 | 314.5 | 314.1 | 313.9 | 310.9 | 307.7 |
| 60° | 290.6 | 293.0 | 292.6 | 291.6 | 292.6 | 293.0 | 290.6 | 291.1 | 289.6 | 287.8 | 285.8 |
| 62.5° | 268.7 | 269.6 | 269.5 | 269.3 | 269.5 | 269.6 | 268.7 | 266.5 | 265.8 | 263.8 | 261.9 |
| 65° | 234.8 | 235.7 | 234.3 | 235.7 | 234.3 | 235.7 | 234.8 | 233.4 | 230.0 | 229.0 | 227.1 |
| 67.5° | 198.3 | 198.6 | 199.7 | 200.4 | 199.7 | 198.6 | 198.3 | 198.9 | 196.7 | 194.8 | 194.4 |
| 70° | 175.6 | 175.1 | 176.5 | 178.0 | 176.5 | 175.1 | 175.6 | 174.7 | 173.2 | 171.7 | 169.8 |
| 72.5° | 151.7 | 152.8 | 152.3 | 153.4 | 152.3 | 152.8 | 151.7 | 151.9 | 150.5 | 148.6 | 146.8 |
| 75° | 116.9 | 118.4 | 117.9 | 119.3 | 117.9 | 118.4 | 116.9 | 117.9 | 116.9 | 115.0 | 113.1 |
| 77.5° | 84.5 | 84.6 | 84.5 | 85.3 | 84.5 | 84.6 | 84.5 | 85.3 | 84.2 | 84.8 | 82.7 |
| 80° | 64.5 | 63.5 | 62.6 | 64.5 | 62.6 | 63.5 | 64.5 | 64.5 | 63.1 | 64.5 | 63.1 |
| 82.5° | 44.9 | 45.4 | 44.5 | 44.5 | 44.5 | 45.4 | 44.9 | 46.0 | 45.3 | 46.0 | 44.6 |
| 85° | 20.7 | 20.2 | 19.2 | 19.2 | 19.2 | 20.2 | 20.7 | 20.7 | 22.1 | 21.2 | 21.2 |
| 87.5° | 9.0 | 8.7 | 8.8 | 8.5 | 8.8 | 8.7 | 9.0 | 8.9 | 8.8 | 9.3 | 9.0 |
| 90° | 25.7 | 26.2 | 26.6 | 27.1 | 26.6 | 26.2 | 25.7 | 25.3 | 24.5 | 23.4 | 22.2 |
| 92.5° | 26.3 | 26.5 | 26.8 | 27.1 | 26.8 | 26.5 | 26.3 | 26.0 | 25.5 | 25.0 | 24.4 |
| 95° | 43.7 | 43.5 | 43.3 | 43.1 | 43.3 | 43.5 | 43.7 | 44.0 | 43.5 | 42.4 | 41.3 |
| 97.5° | 56.7 | 57.0 | 57.2 | 57.5 | 57.2 | 57.0 | 56.7 | 56.5 | 55.9 | 55.0 | 54.1 |
| 100° | 65.8 | 66.3 | 66.7 | 67.1 | 66.7 | 66.3 | 65.8 | 65.3 | 64.3 | 62.5 | 60.7 |
| 102.5° | 70.0 | 70.7 | 71.4 | 71.9 | 71.4 | 70.7 | 70.0 | 69.5 | 68.0 | 65.7 | 63.3 |
| 105° | 73.5 | 74.4 | 75.2 | 76.2 | 75.2 | 74.4 | 73.5 | 72.6 | 70.9 | 68.4 | 66.0 |
| 107.5° | 75.7 | 76.5 | 77.5 | 78.3 | 77.5 | 76.5 | 75.7 | 74.8 | 75.6 | 78.0 | 80.6 |
| 110° | 76.4 | 77.4 | 78.2 | 79.2 | 78.2 | 77.4 | 76.4 | 75.6 | 86.2 | 108.6 | 130.8 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 77.9 | 78.5 | 79.3 | 79.9 | 79.3 | 78.5 | 77.9 | 77.1 | 117.3 | 198.6 | 279.8 |
| 115° | 130.3 | 114.2 | 98.2 | 82.2 | 98.2 | 114.2 | 130.3 | 146.3 | 205.9 | 309.0 | 412.0 |
| 117.5° | 493.5 | 440.8 | 388.1 | 335.5 | 388.1 | 440.8 | 493.5 | 546.2 | 585.0 | 609.9 | 634.9 |
| 120° | 701.3 | 671.3 | 641.2 | 611.2 | 641.2 | 671.3 | 701.3 | 731.4 | 745.2 | 742.4 | 739.8 |
| 122.5° | 780.2 | 774.4 | 768.5 | 762.7 | 768.5 | 774.4 | 780.2 | 786.0 | 788.2 | 786.6 | 784.9 |
| 125° | 854.7 | 855.4 | 856.0 | 856.7 | 856.0 | 855.4 | 854.7 | 854.0 | 852.9 | 851.3 | 849.8 |
| 127.5° | 915.6 | 915.8 | 915.9 | 916.0 | 915.9 | 915.8 | 915.6 | 915.5 | 914.3 | 912.0 | 909.7 |
| 130° | 953.6 | 953.3 | 953.1 | 952.9 | 953.1 | 953.3 | 953.6 | 953.8 | 952.6 | 950.2 | 947.7 |
| 132.5° | 989.6 | 989.4 | 989.2 | 988.9 | 989.2 | 989.4 | 989.6 | 989.9 | 988.9 | 986.8 | 984.7 |
| 135° | 1042.4 | 1041.9 | 1041.5 | 1041.0 | 1041.5 | 1041.9 | 1042.4 | 1042.8 | 1041.9 | 1039.7 | 1037.5 |
| 137.5° | 1090.8 | 1090.1 | 1089.3 | 1088.5 | 1089.3 | 1090.1 | 1090.8 | 1091.6 | 1090.8 | 1088.6 | 1086.5 |
| 140° | 1121.5 | 1120.4 | 1119.3 | 1118.2 | 1119.3 | 1120.4 | 1121.5 | 1122.7 | 1122.2 | 1120.2 | 1118.2 |
| 142.5° | 1150.4 | 1149.2 | 1148.2 | 1147.1 | 1148.2 | 1149.2 | 1150.4 | 1151.5 | 1151.1 | 1149.3 | 1147.5 |
| 145° | 1190.7 | 1189.6 | 1188.5 | 1187.3 | 1188.5 | 1189.6 | 1190.7 | 1191.8 | 1191.6 | 1190.0 | 1188.5 |
| 147.5° | 1225.6 | 1224.6 | 1223.7 | 1222.8 | 1223.7 | 1224.6 | 1225.6 | 1226.5 | 1226.4 | 1225.3 | 1224.1 |
| 150° | 1247.7 | 1246.7 | 1245.6 | 1244.4 | 1245.6 | 1246.7 | 1247.7 | 1248.9 | 1248.8 | 1247.5 | 1246.1 |
| 152.5° | 1267.2 | 1265.8 | 1264.3 | 1262.9 | 1264.3 | 1265.8 | 1267.2 | 1268.8 | 1268.9 | 1267.5 | 1266.1 |
| 155° | 1293.8 | 1292.1 | 1290.3 | 1288.5 | 1290.3 | 1292.1 | 1293.8 | 1295.6 | 1295.9 | 1294.6 | 1293.2 |
| 157.5° | 1317.2 | 1315.4 | 1313.7 | 1311.9 | 1313.7 | 1315.4 | 1317.2 | 1318.9 | 1319.0 | 1317.5 | 1316.0 |
| 160° | 1330.3 | 1328.7 | 1327.2 | 1325.6 | 1327.2 | 1328.7 | 1330.3 | 1331.8 | 1331.9 | 1330.6 | 1329.3 |
| 162.5° | 1342.6 | 1340.7 | 1338.7 | 1336.8 | 1338.7 | 1340.7 | 1342.6 | 1344.4 | 1344.7 | 1343.1 | 1341.6 |
| 165° | 1358.3 | 1356.8 | 1355.2 | 1353.7 | 1355.2 | 1356.8 | 1358.3 | 1359.9 | 1359.9 | 1358.3 | 1356.8 |
| 167.5° | 1370.3 | 1368.3 | 1366.3 | 1364.2 | 1366.3 | 1368.3 | 1370.3 | 1372.2 | 1372.5 | 1370.9 | 1369.4 |
| 170° | 1376.7 | 1374.7 | 1372.7 | 1370.6 | 1372.7 | 1374.7 | 1376.7 | 1378.7 | 1378.9 | 1377.3 | 1375.8 |
| 172.5° | 1381.5 | 1379.5 | 1377.5 | 1375.5 | 1377.5 | 1379.5 | 1381.5 | 1383.6 | 1383.7 | 1382.1 | 1380.6 |
| 175° | 1386.4 | 1384.1 | 1382.0 | 1379.7 | 1382.0 | 1384.1 | 1386.4 | 1388.6 | 1388.9 | 1387.4 | 1385.8 |
| 177.5° | 1387.1 | 1385.5 | 1383.9 | 1382.3 | 1383.9 | 1385.5 | 1387.1 | 1388.7 | 1388.9 | 1387.6 | 1386.4 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1203.1 | 1207.3 | 1213.8 | 1220.8 | 1225.0 | 1233.1 | 1235.4 | 1239.3 | 1242.7 | 1250.8 | 1259.2 |
| 5° | 1133.6 | 1140.3 | 1156.2 | 1164.9 | 1176.9 | 1190.8 | 1200.0 | 1209.7 | 1220.2 | 1238.5 | 1255.3 |
| 7.5° | 1059.1 | 1070.4 | 1090.1 | 1106.3 | 1123.4 | 1143.4 | 1157.8 | 1176.9 | 1192.7 | 1218.4 | 1243.1 |
| 10° | 1009.5 | 1025.3 | 1043.1 | 1062.3 | 1086.5 | 1107.6 | 1127.8 | 1151.9 | 1171.1 | 1201.9 | 1230.8 |
| 12.5° | 964.8 | 967.2 | 992.7 | 1013.9 | 1046.8 | 1073.0 | 1096.3 | 1127.3 | 1146.1 | 1182.7 | 1213.1 |
| 15° | 886.7 | 901.2 | 924.3 | 941.1 | 980.1 | 1013.3 | 1046.0 | 1078.3 | 1099.9 | 1145.1 | 1185.1 |
| 17.5° | 821.0 | 834.3 | 858.0 | 885.6 | 913.6 | 946.6 | 988.9 | 1022.9 | 1052.3 | 1104.1 | 1151.3 |
| 20° | 779.5 | 795.8 | 819.9 | 848.3 | 872.8 | 908.9 | 945.5 | 984.4 | 1016.2 | 1074.4 | 1129.7 |
| 22.5° | 744.0 | 757.0 | 776.4 | 804.4 | 831.2 | 864.2 | 904.3 | 946.7 | 980.1 | 1042.8 | 1098.9 |
| 25° | 694.3 | 704.9 | 717.4 | 740.5 | 770.8 | 806.9 | 838.2 | 884.9 | 933.4 | 992.1 | 1060.0 |
| 27.5° | 649.4 | 657.0 | 668.1 | 688.3 | 711.8 | 745.6 | 780.3 | 824.6 | 873.5 | 937.2 | 1008.8 |
| 30° | 622.2 | 627.0 | 638.0 | 654.9 | 678.0 | 704.4 | 739.5 | 781.8 | 831.9 | 896.4 | 967.6 |
| 32.5° | 598.2 | 602.7 | 609.9 | 625.9 | 646.0 | 668.6 | 700.3 | 742.6 | 790.3 | 853.7 | 932.6 |
| 35° | 562.5 | 565.8 | 572.1 | 585.0 | 596.2 | 618.3 | 644.7 | 683.2 | 728.0 | 788.6 | 870.4 |
| 37.5° | 526.8 | 531.4 | 535.3 | 540.7 | 555.0 | 569.5 | 592.5 | 625.0 | 668.9 | 730.1 | 808.0 |
| 40° | 503.3 | 507.1 | 512.9 | 515.3 | 526.9 | 539.9 | 558.6 | 588.4 | 632.7 | 688.5 | 764.6 |
| 42.5° | 479.4 | 483.2 | 486.7 | 489.6 | 499.5 | 511.0 | 527.8 | 553.5 | 592.7 | 647.0 | 722.2 |
| 45° | 447.0 | 447.4 | 450.8 | 456.1 | 460.9 | 469.1 | 481.2 | 503.3 | 533.6 | 584.6 | 652.9 |
| 47.5° | 414.1 | 414.6 | 415.2 | 417.5 | 422.8 | 430.3 | 438.2 | 456.2 | 483.3 | 524.1 | 590.6 |
| 50° | 392.1 | 391.2 | 392.1 | 394.1 | 397.5 | 403.7 | 412.8 | 425.8 | 448.0 | 486.0 | 547.1 |
| 52.5° | 371.0 | 370.8 | 370.2 | 371.0 | 373.5 | 377.9 | 384.4 | 395.4 | 415.2 | 450.2 | 504.0 |
| 55° | 338.7 | 336.3 | 336.8 | 334.9 | 339.2 | 340.2 | 345.0 | 354.1 | 371.5 | 395.5 | 446.0 |
| 57.5° | 304.3 | 302.4 | 300.2 | 299.6 | 299.3 | 301.9 | 305.8 | 312.9 | 326.2 | 347.3 | 388.3 |
| 60° | 282.5 | 280.0 | 277.1 | 276.2 | 276.2 | 277.6 | 279.6 | 284.8 | 297.4 | 316.1 | 349.8 |
| 62.5° | 260.1 | 257.3 | 255.6 | 253.1 | 252.3 | 253.7 | 255.7 | 259.5 | 268.4 | 286.1 | 315.2 |
| 65° | 225.6 | 222.3 | 219.9 | 219.4 | 218.5 | 217.0 | 217.9 | 221.8 | 229.0 | 243.0 | 266.1 |
| 67.5° | 191.1 | 187.9 | 187.4 | 184.5 | 183.2 | 183.4 | 183.2 | 186.5 | 190.9 | 202.8 | 220.1 |
| 70° | 168.4 | 166.0 | 165.0 | 162.6 | 161.6 | 160.7 | 159.8 | 162.6 | 166.9 | 177.1 | 192.0 |
| 72.5° | 145.3 | 143.3 | 141.2 | 139.1 | 139.3 | 138.4 | 138.2 | 139.9 | 143.5 | 152.8 | 164.3 |
| 75° | 112.1 | 112.6 | 110.2 | 107.7 | 107.3 | 106.3 | 106.3 | 107.7 | 109.2 | 116.4 | 125.5 |
| 77.5° | 81.3 | 81.0 | 78.9 | 78.1 | 77.7 | 76.6 | 77.7 | 78.6 | 79.4 | 84.2 | 91.0 |
| 80° | 62.1 | 62.1 | 59.7 | 59.7 | 59.2 | 57.8 | 59.2 | 58.2 | 60.1 | 64.9 | 69.7 |
| 82.5° | 44.4 | 43.5 | 43.5 | 42.7 | 42.6 | 41.6 | 42.2 | 43.2 | 44.0 | 47.2 | 50.1 |
| 85° | 21.7 | 21.7 | 21.2 | 20.7 | 21.2 | 20.7 | 21.2 | 21.7 | 22.1 | 23.6 | 26.0 |
| 87.5° | 8.9 | 9.0 | 9.0 | 9.0 | 8.7 | 8.8 | 8.7 | 8.6 | 8.9 | 8.8 | 8.7 |
| 90° | 21.1 | 20.1 | 18.3 | 16.5 | 14.7 | 12.9 | 10.8 | 8.4 | 5.9 | 3.5 | 1.0 |
| 92.5° | 23.8 | 23.3 | 22.3 | 21.5 | 20.5 | 19.7 | 19.3 | 19.6 | 19.8 | 20.0 | 20.3 |
| 95° | 40.2 | 39.1 | 37.5 | 36.0 | 34.4 | 32.8 | 35.7 | 43.1 | 50.4 | 57.8 | 65.1 |
| 97.5° | 53.2 | 52.3 | 48.7 | 45.1 | 41.5 | 37.9 | 46.5 | 67.1 | 87.8 | 108.6 | 129.2 |
| 100° | 58.9 | 57.1 | 53.3 | 49.6 | 45.7 | 41.9 | 55.3 | 85.9 | 116.3 | 146.8 | 177.4 |
| 102.5° | 61.1 | 58.7 | 90.4 | 122.1 | 153.7 | 185.4 | 204.4 | 210.8 | 217.4 | 223.8 | 230.3 |
| 105° | 63.5 | 61.1 | 121.9 | 182.7 | 243.5 | 304.3 | 331.3 | 324.6 | 317.9 | 311.3 | 304.6 |
| 107.5° | 83.0 | 85.6 | 158.4 | 231.4 | 304.3 | 377.2 | 410.9 | 405.5 | 400.1 | 394.7 | 389.4 |
| 110° | 153.1 | 175.3 | 239.7 | 304.1 | 368.3 | 432.7 | 462.6 | 457.9 | 453.3 | 448.6 | 443.8 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 361.1 | 442.2 | 458.2 | 474.1 | 489.9 | 505.9 | 511.7 | 507.6 | 503.4 | 499.4 | 495.2 |
| 115° | 515.1 | 618.2 | 612.7 | 607.1 | 601.5 | 596.0 | 591.3 | 587.5 | 583.7 | 579.9 | 576.2 |
| 117.5° | 659.8 | 684.8 | 680.9 | 677.1 | 673.3 | 669.4 | 665.4 | 661.2 | 657.0 | 652.7 | 648.5 |
| 120° | 737.1 | 734.4 | 730.5 | 726.4 | 722.5 | 718.4 | 714.7 | 711.4 | 708.0 | 704.7 | 701.3 |
| 122.5° | 783.3 | 781.7 | 777.4 | 773.0 | 768.6 | 764.3 | 760.3 | 756.9 | 753.3 | 749.8 | 746.3 |
| 125° | 848.2 | 846.7 | 842.4 | 838.2 | 834.0 | 829.7 | 826.1 | 823.3 | 820.4 | 817.5 | 814.6 |
| 127.5° | 907.5 | 905.2 | 902.0 | 898.8 | 895.7 | 892.5 | 889.4 | 886.2 | 883.0 | 879.8 | 876.6 |
| 130° | 945.3 | 942.8 | 940.4 | 937.9 | 935.5 | 933.0 | 930.0 | 926.5 | 922.9 | 919.4 | 915.8 |
| 132.5° | 982.6 | 980.5 | 978.1 | 975.6 | 973.2 | 970.7 | 968.0 | 965.0 | 962.0 | 958.9 | 955.8 |
| 135° | 1035.3 | 1033.0 | 1031.0 | 1029.0 | 1027.0 | 1025.0 | 1022.2 | 1018.7 | 1015.1 | 1011.5 | 1008.0 |
| 137.5° | 1084.3 | 1082.1 | 1079.9 | 1077.6 | 1075.3 | 1073.0 | 1070.6 | 1068.2 | 1065.6 | 1063.2 | 1060.6 |
| 140° | 1116.2 | 1114.2 | 1111.7 | 1109.3 | 1106.8 | 1104.4 | 1102.3 | 1100.5 | 1098.7 | 1096.9 | 1095.1 |
| 142.5° | 1145.7 | 1143.9 | 1141.0 | 1138.2 | 1135.4 | 1132.7 | 1130.4 | 1128.8 | 1127.2 | 1125.6 | 1124.0 |
| 145° | 1186.8 | 1185.3 | 1181.6 | 1177.7 | 1173.9 | 1170.2 | 1168.4 | 1168.7 | 1168.8 | 1169.0 | 1169.3 |
| 147.5° | 1222.9 | 1221.8 | 1218.0 | 1214.3 | 1210.6 | 1206.8 | 1205.4 | 1206.3 | 1207.1 | 1208.0 | 1208.8 |
| 150° | 1244.8 | 1243.4 | 1239.9 | 1236.3 | 1232.8 | 1229.2 | 1228.2 | 1229.7 | 1231.3 | 1232.8 | 1234.4 |
| 152.5° | 1264.8 | 1263.5 | 1260.1 | 1256.7 | 1253.3 | 1249.9 | 1249.2 | 1250.8 | 1252.5 | 1254.3 | 1256.0 |
| 155° | 1291.8 | 1290.5 | 1287.9 | 1285.2 | 1282.5 | 1279.9 | 1279.5 | 1281.5 | 1283.6 | 1285.5 | 1287.5 |
| 157.5° | 1314.5 | 1313.0 | 1311.1 | 1309.2 | 1307.4 | 1305.5 | 1305.4 | 1307.1 | 1308.8 | 1310.5 | 1312.2 |
| 160° | 1327.9 | 1326.6 | 1325.3 | 1323.9 | 1322.6 | 1321.3 | 1321.3 | 1322.6 | 1323.9 | 1325.3 | 1326.6 |
| 162.5° | 1340.1 | 1338.6 | 1337.5 | 1336.3 | 1335.1 | 1334.0 | 1334.1 | 1335.4 | 1336.7 | 1338.1 | 1339.4 |
| 165° | 1355.2 | 1353.7 | 1353.0 | 1352.4 | 1351.6 | 1350.9 | 1351.3 | 1352.6 | 1354.0 | 1355.3 | 1356.7 |
| 167.5° | 1367.8 | 1366.3 | 1365.6 | 1365.0 | 1364.4 | 1363.8 | 1364.1 | 1365.5 | 1366.8 | 1368.2 | 1369.5 |
| 170° | 1374.2 | 1372.7 | 1372.2 | 1371.8 | 1371.4 | 1370.9 | 1371.4 | 1372.7 | 1374.0 | 1375.4 | 1376.7 |
| 172.5° | 1379.0 | 1377.5 | 1377.1 | 1376.6 | 1376.2 | 1375.7 | 1376.2 | 1377.5 | 1378.8 | 1380.2 | 1381.5 |
| 175° | 1384.3 | 1382.7 | 1382.2 | 1381.9 | 1381.4 | 1380.9 | 1381.5 | 1383.1 | 1384.6 | 1386.2 | 1387.7 |
| 177.5° | 1385.2 | 1383.9 | 1383.7 | 1383.6 | 1383.4 | 1383.2 | 1383.7 | 1385.0 | 1386.2 | 1387.5 | 1388.7 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1258.5 | 1260.5 | 1266.6 | 1272.7 | 1279.7 | 1281.6 | 1284.7 | 1282.0 | 1281.2 | 1288.5 | 1293.9 |
| 5° | 1262.1 | 1270.7 | 1287.6 | 1303.0 | 1316.0 | 1325.1 | 1334.7 | 1338.6 | 1345.8 | 1355.8 | 1368.4 |
| 7.5° | 1258.0 | 1274.9 | 1301.4 | 1323.7 | 1348.2 | 1365.8 | 1379.6 | 1391.3 | 1405.5 | 1424.7 | 1445.6 |
| 10° | 1253.4 | 1276.0 | 1308.2 | 1335.7 | 1365.5 | 1388.1 | 1406.9 | 1425.1 | 1446.3 | 1472.8 | 1500.2 |
| 12.5° | 1244.9 | 1271.8 | 1312.1 | 1344.5 | 1382.8 | 1405.0 | 1430.4 | 1469.8 | 1492.5 | 1529.4 | 1568.0 |
| 15° | 1227.9 | 1257.7 | 1314.0 | 1354.0 | 1397.2 | 1439.6 | 1486.3 | 1523.8 | 1561.3 | 1583.0 | 1637.4 |
| 17.5° | 1202.6 | 1246.4 | 1308.7 | 1355.3 | 1410.3 | 1477.1 | 1529.5 | 1572.0 | 1615.3 | 1650.5 | 1677.7 |
| 20° | 1182.2 | 1229.8 | 1301.0 | 1356.9 | 1422.3 | 1493.9 | 1554.2 | 1597.4 | 1634.9 | 1664.3 | 1681.1 |
| 22.5° | 1156.4 | 1216.4 | 1285.6 | 1351.0 | 1434.6 | 1505.5 | 1568.8 | 1602.8 | 1634.2 | 1648.5 | 1655.0 |
| 25° | 1115.8 | 1188.0 | 1266.4 | 1346.2 | 1440.6 | 1515.6 | 1573.4 | 1594.0 | 1603.2 | 1589.2 | 1566.1 |
| 27.5° | 1072.0 | 1152.4 | 1244.2 | 1337.2 | 1436.9 | 1509.1 | 1550.5 | 1547.2 | 1531.7 | 1486.6 | 1450.5 |
| 30° | 1039.2 | 1127.8 | 1226.4 | 1327.9 | 1428.0 | 1498.3 | 1522.4 | 1498.3 | 1463.2 | 1412.7 | 1361.2 |
| 32.5° | 1005.0 | 1096.6 | 1207.6 | 1314.8 | 1411.9 | 1473.7 | 1478.8 | 1437.5 | 1383.1 | 1325.7 | 1261.5 |
| 35° | 953.2 | 1052.3 | 1172.1 | 1285.6 | 1377.5 | 1416.5 | 1393.5 | 1320.3 | 1255.8 | 1177.4 | 1089.8 |
| 37.5° | 894.6 | 1004.0 | 1124.2 | 1242.8 | 1326.1 | 1336.2 | 1278.9 | 1201.9 | 1111.0 | 1018.8 | 915.8 |
| 40° | 850.6 | 966.7 | 1090.3 | 1210.1 | 1283.7 | 1273.1 | 1200.0 | 1115.3 | 1007.0 | 894.5 | 798.7 |
| 42.5° | 811.4 | 927.4 | 1053.3 | 1170.8 | 1229.8 | 1200.8 | 1115.3 | 1011.3 | 895.0 | 789.0 | 701.3 |
| 45° | 743.4 | 862.7 | 991.6 | 1105.2 | 1138.9 | 1086.5 | 973.4 | 857.9 | 743.4 | 654.9 | 585.6 |
| 47.5° | 677.4 | 795.3 | 923.0 | 1022.8 | 1034.7 | 964.2 | 840.7 | 721.8 | 623.4 | 551.3 | 502.4 |
| 50° | 628.9 | 747.2 | 873.7 | 962.8 | 958.9 | 873.7 | 746.8 | 633.7 | 551.4 | 493.1 | 460.4 |
| 52.5° | 585.4 | 697.2 | 818.7 | 899.7 | 879.3 | 786.4 | 665.2 | 564.8 | 497.1 | 451.6 | 422.0 |
| 55° | 517.7 | 621.1 | 736.6 | 801.6 | 764.0 | 661.1 | 558.6 | 477.8 | 427.7 | 393.6 | 370.5 |
| 57.5° | 450.5 | 547.5 | 646.4 | 686.5 | 645.0 | 549.9 | 464.4 | 405.8 | 368.2 | 342.9 | 327.8 |
| 60° | 409.0 | 493.7 | 581.7 | 616.3 | 566.8 | 482.1 | 414.7 | 362.3 | 332.0 | 311.3 | 297.8 |
| 62.5° | 367.4 | 443.3 | 526.3 | 545.2 | 499.8 | 428.2 | 368.5 | 325.0 | 300.0 | 281.6 | 269.0 |
| 65° | 310.9 | 372.9 | 435.9 | 448.5 | 406.6 | 351.3 | 304.1 | 275.7 | 253.5 | 240.1 | 230.0 |
| 67.5° | 255.0 | 304.7 | 349.4 | 359.5 | 322.8 | 284.5 | 250.4 | 225.6 | 210.7 | 199.4 | 191.0 |
| 70° | 221.8 | 261.3 | 297.8 | 306.0 | 276.6 | 242.5 | 216.5 | 196.8 | 183.3 | 173.7 | 165.5 |
| 72.5° | 186.8 | 219.7 | 250.1 | 255.6 | 231.6 | 205.6 | 184.2 | 168.7 | 156.7 | 150.6 | 142.8 |
| 75° | 142.9 | 162.1 | 185.7 | 187.2 | 171.3 | 155.4 | 139.0 | 128.9 | 122.7 | 115.0 | 111.1 |
| 77.5° | 100.9 | 115.9 | 129.4 | 132.1 | 122.6 | 111.8 | 102.6 | 94.7 | 89.4 | 85.9 | 82.3 |
| 80° | 77.0 | 89.0 | 94.8 | 98.1 | 91.4 | 83.7 | 78.4 | 73.1 | 69.7 | 67.4 | 64.9 |
| 82.5° | 55.0 | 62.5 | 67.9 | 70.4 | 66.8 | 62.2 | 56.8 | 53.9 | 51.3 | 49.3 | 48.4 |
| 85° | 27.9 | 31.3 | 34.7 | 35.6 | 34.7 | 32.7 | 29.8 | 29.8 | 28.4 | 27.9 | 27.9 |
| 87.5° | 10.3 | 12.3 | 12.8 | 14.5 | 14.1 | 14.5 | 14.8 | 14.8 | 14.8 | 14.6 | 14.4 |
| 90° | 3.5 | 5.9 | 8.4 | 10.8 | 12.9 | 14.7 | 16.5 | 18.3 | 20.1 | 21.1 | 22.2 |
| 92.5° | 20.0 | 19.8 | 19.6 | 19.3 | 19.7 | 20.5 | 21.5 | 22.3 | 23.3 | 23.8 | 24.4 |
| 95° | 57.8 | 50.4 | 43.1 | 35.7 | 32.8 | 34.4 | 36.0 | 37.5 | 39.1 | 40.2 | 41.3 |
| 97.5° | 108.6 | 87.8 | 67.1 | 46.5 | 37.9 | 41.5 | 45.1 | 48.7 | 52.3 | 53.2 | 54.1 |
| 100° | 146.8 | 116.3 | 85.9 | 55.3 | 41.9 | 45.7 | 49.6 | 53.3 | 57.1 | 58.9 | 60.7 |
| 102.5° | 223.8 | 217.4 | 210.8 | 204.4 | 185.4 | 153.7 | 122.1 | 90.4 | 58.7 | 61.1 | 63.3 |
| 105° | 311.3 | 317.9 | 324.6 | 331.3 | 304.3 | 243.5 | 182.7 | 121.9 | 61.1 | 63.5 | 66.0 |
| 107.5° | 394.7 | 400.1 | 405.5 | 410.9 | 377.2 | 304.3 | 231.4 | 158.4 | 85.6 | 83.0 | 80.6 |
| 110° | 448.6 | 453.3 | 457.9 | 462.6 | 432.7 | 368.3 | 304.1 | 239.7 | 175.3 | 153.1 | 130.8 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 499.4 | 503.4 | 507.6 | 511.7 | 505.9 | 489.9 | 474.1 | 458.2 | 442.2 | 361.1 | 279.8 |
| 115° | 579.9 | 583.7 | 587.5 | 591.3 | 596.0 | 601.5 | 607.1 | 612.7 | 618.2 | 515.1 | 412.0 |
| 117.5° | 652.7 | 657.0 | 661.2 | 665.4 | 669.4 | 673.3 | 677.1 | 680.9 | 684.8 | 659.8 | 634.9 |
| 120° | 704.7 | 708.0 | 711.4 | 714.7 | 718.4 | 722.5 | 726.4 | 730.5 | 734.4 | 737.1 | 739.8 |
| 122.5° | 749.8 | 753.3 | 756.9 | 760.3 | 764.3 | 768.6 | 773.0 | 777.4 | 781.7 | 783.3 | 784.9 |
| 125° | 817.5 | 820.4 | 823.3 | 826.1 | 829.7 | 834.0 | 838.2 | 842.4 | 846.7 | 848.2 | 849.8 |
| 127.5° | 879.8 | 883.0 | 886.2 | 889.4 | 892.5 | 895.7 | 898.8 | 902.0 | 905.2 | 907.5 | 909.7 |
| 130° | 919.4 | 922.9 | 926.5 | 930.0 | 933.0 | 935.5 | 937.9 | 940.4 | 942.8 | 945.3 | 947.7 |
| 132.5° | 958.9 | 962.0 | 965.0 | 968.0 | 970.7 | 973.2 | 975.6 | 978.1 | 980.5 | 982.6 | 984.7 |
| 135° | 1011.5 | 1015.1 | 1018.7 | 1022.2 | 1025.0 | 1027.0 | 1029.0 | 1031.0 | 1033.0 | 1035.3 | 1037.5 |
| 137.5° | 1063.2 | 1065.6 | 1068.2 | 1070.6 | 1073.0 | 1075.3 | 1077.6 | 1079.9 | 1082.1 | 1084.3 | 1086.5 |
| 140° | 1096.9 | 1098.7 | 1100.5 | 1102.3 | 1104.4 | 1106.8 | 1109.3 | 1111.7 | 1114.2 | 1116.2 | 1118.2 |
| 142.5° | 1125.6 | 1127.2 | 1128.8 | 1130.4 | 1132.7 | 1135.4 | 1138.2 | 1141.0 | 1143.9 | 1145.7 | 1147.5 |
| 145° | 1169.0 | 1168.8 | 1168.7 | 1168.4 | 1170.2 | 1173.9 | 1177.7 | 1181.6 | 1185.3 | 1186.8 | 1188.5 |
| 147.5° | 1208.0 | 1207.1 | 1206.3 | 1205.4 | 1206.8 | 1210.6 | 1214.3 | 1218.0 | 1221.8 | 1222.9 | 1224.1 |
| 150° | 1232.8 | 1231.3 | 1229.7 | 1228.2 | 1229.2 | 1232.8 | 1236.3 | 1239.9 | 1243.4 | 1244.8 | 1246.1 |
| 152.5° | 1254.3 | 1252.5 | 1250.8 | 1249.2 | 1249.9 | 1253.3 | 1256.7 | 1260.1 | 1263.5 | 1264.8 | 1266.1 |
| 155° | 1285.5 | 1283.6 | 1281.5 | 1279.5 | 1279.9 | 1282.5 | 1285.2 | 1287.9 | 1290.5 | 1291.8 | 1293.2 |
| 157.5° | 1310.5 | 1308.8 | 1307.1 | 1305.4 | 1305.5 | 1307.4 | 1309.2 | 1311.1 | 1313.0 | 1314.5 | 1316.0 |
| 160° | 1325.3 | 1323.9 | 1322.6 | 1321.3 | 1321.3 | 1322.6 | 1323.9 | 1325.3 | 1326.6 | 1327.9 | 1329.3 |
| 162.5° | 1338.1 | 1336.7 | 1335.4 | 1334.1 | 1334.0 | 1335.1 | 1336.3 | 1337.5 | 1338.6 | 1340.1 | 1341.6 |
| 165° | 1355.3 | 1354.0 | 1352.6 | 1351.3 | 1350.9 | 1351.6 | 1352.4 | 1353.0 | 1353.7 | 1355.2 | 1356.8 |
| 167.5° | 1368.2 | 1366.8 | 1365.5 | 1364.1 | 1363.8 | 1364.4 | 1365.0 | 1365.6 | 1366.3 | 1367.8 | 1369.4 |
| 170° | 1375.4 | 1374.0 | 1372.7 | 1371.4 | 1370.9 | 1371.4 | 1371.8 | 1372.2 | 1372.7 | 1374.2 | 1375.8 |
| 172.5° | 1380.2 | 1378.8 | 1377.5 | 1376.2 | 1375.7 | 1376.2 | 1376.6 | 1377.1 | 1377.5 | 1379.0 | 1380.6 |
| 175° | 1386.2 | 1384.6 | 1383.1 | 1381.5 | 1380.9 | 1381.4 | 1381.9 | 1382.2 | 1382.7 | 1384.3 | 1385.8 |
| 177.5° | 1387.5 | 1386.2 | 1385.0 | 1383.7 | 1383.2 | 1383.4 | 1383.6 | 1383.7 | 1383.9 | 1385.2 | 1386.4 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 | 1252.0 |
| 2.5° | 1298.5 | 1303.9 | 1303.9 | 1304.7 | 1310.9 | 1310.0 | 1309.7 |
| 5° | 1381.9 | 1390.1 | 1391.0 | 1399.7 | 1405.4 | 1403.5 | 1398.3 |
| 7.5° | 1460.5 | 1475.7 | 1487.2 | 1493.6 | 1501.3 | 1506.0 | 1503.9 |
| 10° | 1522.9 | 1545.0 | 1558.5 | 1567.6 | 1578.7 | 1586.9 | 1583.9 |
| 12.5° | 1579.4 | 1605.8 | 1624.3 | 1639.9 | 1641.4 | 1651.9 | 1644.7 |
| 15° | 1667.6 | 1695.5 | 1698.5 | 1710.1 | 1719.2 | 1718.2 | 1718.6 |
| 17.5° | 1696.9 | 1705.8 | 1707.6 | 1707.9 | 1708.0 | 1704.6 | 1697.3 |
| 20° | 1686.4 | 1683.1 | 1674.9 | 1668.7 | 1657.6 | 1656.1 | 1646.5 |
| 22.5° | 1637.2 | 1626.5 | 1606.0 | 1592.4 | 1575.2 | 1570.7 | 1568.0 |
| 25° | 1540.2 | 1516.6 | 1483.8 | 1452.6 | 1444.0 | 1427.1 | 1431.9 |
| 27.5° | 1407.1 | 1370.4 | 1334.9 | 1309.5 | 1286.5 | 1261.3 | 1268.5 |
| 30° | 1313.5 | 1272.1 | 1222.1 | 1183.6 | 1159.1 | 1135.0 | 1130.7 |
| 32.5° | 1201.9 | 1141.3 | 1085.4 | 1051.6 | 1014.0 | 998.8 | 982.1 |
| 35° | 1009.5 | 950.3 | 894.9 | 847.3 | 819.9 | 798.7 | 779.5 |
| 37.5° | 836.3 | 768.2 | 723.6 | 684.9 | 665.2 | 653.0 | 656.1 |
| 40° | 729.0 | 669.3 | 636.6 | 607.2 | 588.9 | 580.2 | 582.2 |
| 42.5° | 642.0 | 597.3 | 570.3 | 550.3 | 537.3 | 532.5 | 531.4 |
| 45° | 543.2 | 518.2 | 496.1 | 484.6 | 478.2 | 473.0 | 469.6 |
| 47.5° | 475.9 | 455.4 | 443.0 | 436.1 | 430.6 | 425.3 | 425.2 |
| 50° | 435.5 | 422.0 | 413.3 | 406.0 | 401.8 | 397.9 | 401.2 |
| 52.5° | 404.6 | 392.3 | 383.7 | 377.2 | 375.6 | 372.1 | 372.0 |
| 55° | 358.9 | 349.3 | 343.1 | 337.2 | 334.4 | 332.4 | 330.1 |
| 57.5° | 317.4 | 308.2 | 302.5 | 298.8 | 293.3 | 291.3 | 290.6 |
| 60° | 287.8 | 280.5 | 274.8 | 269.9 | 267.5 | 263.6 | 263.6 |
| 62.5° | 260.4 | 253.2 | 247.8 | 244.1 | 240.2 | 238.7 | 239.0 |
| 65° | 220.8 | 215.1 | 209.8 | 205.9 | 205.0 | 202.1 | 203.0 |
| 67.5° | 184.5 | 180.6 | 175.0 | 173.0 | 171.1 | 169.6 | 168.4 |
| 70° | 160.2 | 156.4 | 153.4 | 150.6 | 149.1 | 149.1 | 149.1 |
| 72.5° | 139.8 | 135.2 | 133.5 | 129.8 | 130.6 | 129.1 | 127.6 |
| 75° | 108.3 | 105.4 | 104.0 | 102.5 | 100.1 | 100.1 | 100.1 |
| 77.5° | 79.6 | 78.8 | 77.1 | 75.5 | 74.9 | 74.5 | 74.6 |
| 80° | 61.5 | 61.1 | 60.1 | 60.1 | 59.2 | 58.7 | 57.8 |
| 82.5° | 47.3 | 46.1 | 45.5 | 45.1 | 45.0 | 44.9 | 44.7 |
| 85° | 27.0 | 26.0 | 26.0 | 26.5 | 25.5 | 25.5 | 26.0 |
| 87.5° | 15.1 | 15.3 | 15.1 | 15.2 | 15.6 | 15.4 | 15.5 |
| 90° | 23.4 | 24.5 | 25.3 | 25.7 | 26.2 | 26.6 | 27.1 |
| 92.5° | 25.0 | 25.5 | 26.0 | 26.3 | 26.5 | 26.8 | 27.1 |
| 95° | 42.4 | 43.5 | 44.0 | 43.7 | 43.5 | 43.3 | 43.1 |
| 97.5° | 55.0 | 55.9 | 56.5 | 56.7 | 57.0 | 57.2 | 57.5 |
| 100° | 62.5 | 64.3 | 65.3 | 65.8 | 66.3 | 66.7 | 67.1 |
| 102.5° | 65.7 | 68.0 | 69.5 | 70.0 | 70.7 | 71.4 | 71.9 |
| 105° | 68.4 | 70.9 | 72.6 | 73.5 | 74.4 | 75.2 | 76.2 |
| 107.5° | 78.0 | 75.6 | 74.8 | 75.7 | 76.5 | 77.5 | 78.3 |
| 110° | 108.6 | 86.2 | 75.6 | 76.4 | 77.4 | 78.2 | 79.2 |



TEST NUMBER: P331366-830

CATALOG NUMBER: S122DIP-S675D1080U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 198.6 | 117.3 | 77.1 | 77.9 | 78.5 | 79.3 | 79.9 |
| 115° | 309.0 | 205.9 | 146.3 | 130.3 | 114.2 | 98.2 | 82.2 |
| 117.5° | 609.9 | 585.0 | 546.2 | 493.5 | 440.8 | 388.1 | 335.5 |
| 120° | 742.4 | 745.2 | 731.4 | 701.3 | 671.3 | 641.2 | 611.2 |
| 122.5° | 786.6 | 788.2 | 786.0 | 780.2 | 774.4 | 768.5 | 762.7 |
| 125° | 851.3 | 852.9 | 854.0 | 854.7 | 855.4 | 856.0 | 856.7 |
| 127.5° | 912.0 | 914.3 | 915.5 | 915.6 | 915.8 | 915.9 | 916.0 |
| 130° | 950.2 | 952.6 | 953.8 | 953.6 | 953.3 | 953.1 | 952.9 |
| 132.5° | 986.8 | 988.9 | 989.9 | 989.6 | 989.4 | 989.2 | 988.9 |
| 135° | 1039.7 | 1041.9 | 1042.8 | 1042.4 | 1041.9 | 1041.5 | 1041.0 |
| 137.5° | 1088.6 | 1090.8 | 1091.6 | 1090.8 | 1090.1 | 1089.3 | 1088.5 |
| 140° | 1120.2 | 1122.2 | 1122.7 | 1121.5 | 1120.4 | 1119.3 | 1118.2 |
| 142.5° | 1149.3 | 1151.1 | 1151.5 | 1150.4 | 1149.2 | 1148.2 | 1147.1 |
| 145° | 1190.0 | 1191.6 | 1191.8 | 1190.7 | 1189.6 | 1188.5 | 1187.3 |
| 147.5° | 1225.3 | 1226.4 | 1226.5 | 1225.6 | 1224.6 | 1223.7 | 1222.8 |
| 150° | 1247.5 | 1248.8 | 1248.9 | 1247.7 | 1246.7 | 1245.6 | 1244.4 |
| 152.5° | 1267.5 | 1268.9 | 1268.8 | 1267.2 | 1265.8 | 1264.3 | 1262.9 |
| 155° | 1294.6 | 1295.9 | 1295.6 | 1293.8 | 1292.1 | 1290.3 | 1288.5 |
| 157.5° | 1317.5 | 1319.0 | 1318.9 | 1317.2 | 1315.4 | 1313.7 | 1311.9 |
| 160° | 1330.6 | 1331.9 | 1331.8 | 1330.3 | 1328.7 | 1327.2 | 1325.6 |
| 162.5° | 1343.1 | 1344.7 | 1344.4 | 1342.6 | 1340.7 | 1338.7 | 1336.8 |
| 165° | 1358.3 | 1359.9 | 1359.9 | 1358.3 | 1356.8 | 1355.2 | 1353.7 |
| 167.5° | 1370.9 | 1372.5 | 1372.2 | 1370.3 | 1368.3 | 1366.3 | 1364.2 |
| 170° | 1377.3 | 1378.9 | 1378.7 | 1376.7 | 1374.7 | 1372.7 | 1370.6 |
| 172.5° | 1382.1 | 1383.7 | 1383.6 | 1381.5 | 1379.5 | 1377.5 | 1375.5 |
| 175° | 1387.4 | 1388.9 | 1388.6 | 1386.4 | 1384.1 | 1382.0 | 1379.7 |
| 177.5° | 1387.6 | 1388.9 | 1388.7 | 1387.1 | 1385.5 | 1383.9 | 1382.3 |
| 180° | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 | 1384.7 |

(END OF REPORT)