

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P999931

Luminaire Tested: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999931  
REPORT IS A COMBINATION OF REPORTS P988488 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

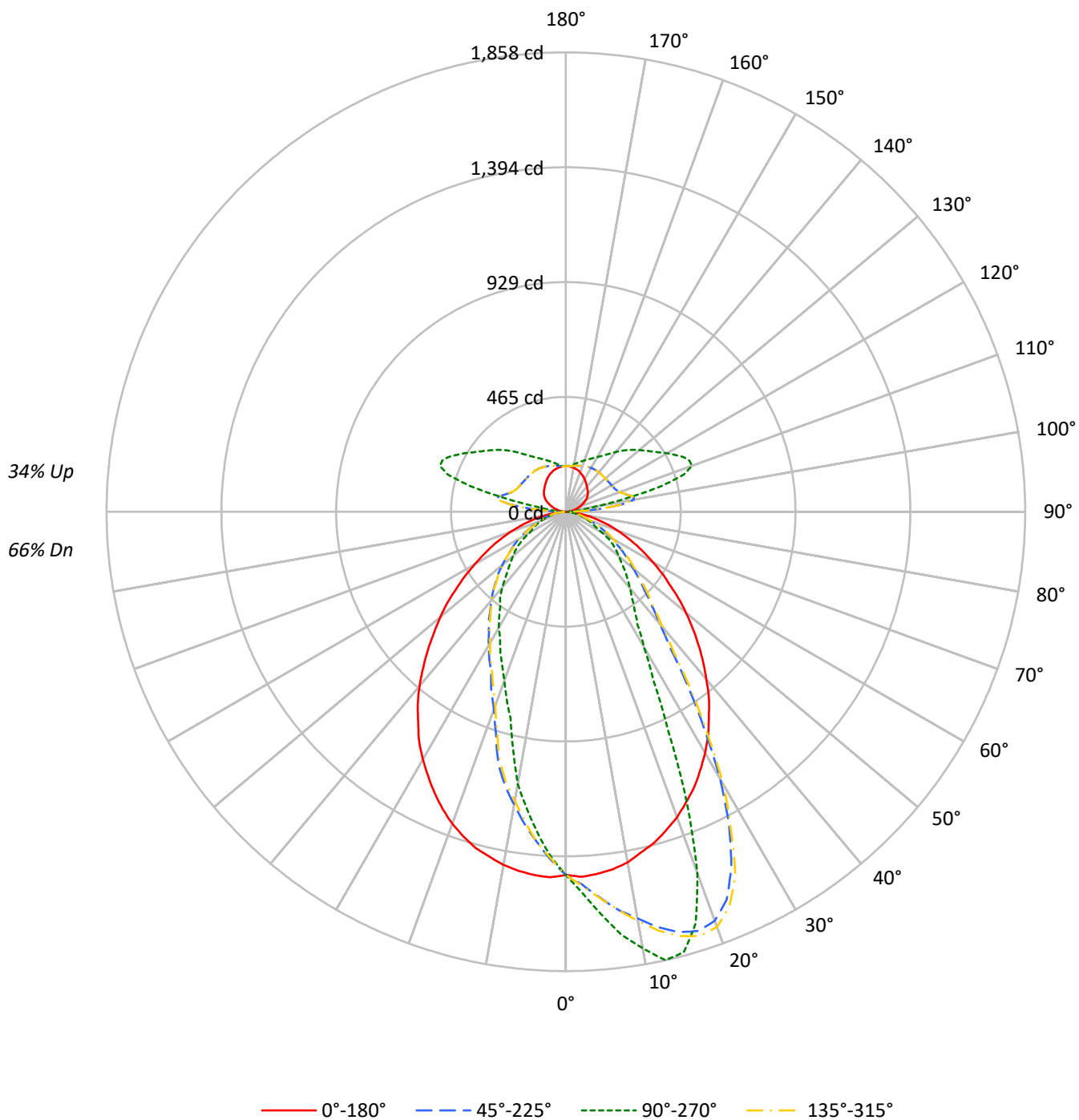
Lumens per Lamp: N/A  
Luminaire Lumens: 3819.0 lumens  
Efficiency: N/A  
Efficacy: 84.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 45.2  
Input Voltage (V):  
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: 24 FT

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### Luminous Intensity Polar Plot



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 |
| 1   | 102 | 98  | 95  | 92  | 96  | 93  | 90  | 87  | 83 | 80 | 78 | 73 | 72 | 70 | 65 | 63 | 62 |
| 2   | 94  | 87  | 82  | 77  | 89  | 83  | 78  | 73  | 74 | 70 | 67 | 66 | 63 | 60 | 58 | 56 | 54 |
| 3   | 87  | 78  | 71  | 65  | 82  | 74  | 68  | 63  | 66 | 61 | 57 | 59 | 55 | 52 | 53 | 50 | 47 |
| 4   | 80  | 70  | 62  | 56  | 75  | 66  | 60  | 54  | 60 | 54 | 50 | 54 | 49 | 46 | 48 | 45 | 42 |
| 5   | 74  | 63  | 55  | 49  | 70  | 60  | 53  | 48  | 54 | 48 | 44 | 49 | 44 | 41 | 44 | 40 | 37 |
| 6   | 69  | 57  | 49  | 44  | 65  | 54  | 47  | 42  | 49 | 44 | 39 | 45 | 40 | 36 | 40 | 37 | 34 |
| 7   | 64  | 52  | 44  | 39  | 60  | 50  | 43  | 38  | 45 | 39 | 35 | 41 | 36 | 33 | 37 | 33 | 30 |
| 8   | 60  | 48  | 40  | 35  | 56  | 46  | 39  | 34  | 42 | 36 | 32 | 38 | 33 | 30 | 34 | 31 | 28 |
| 9   | 56  | 44  | 37  | 32  | 53  | 42  | 35  | 31  | 39 | 33 | 29 | 35 | 31 | 27 | 32 | 28 | 25 |
| 10  | 53  | 41  | 34  | 29  | 50  | 39  | 33  | 28  | 36 | 30 | 27 | 33 | 28 | 25 | 30 | 26 | 23 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 23247 | 23247 | 23247 | 23247 |
| 5°  | 23302 | 24693 | 23383 | 19726 |
| 10° | 23046 | 26100 | 23209 | 16290 |
| 15° | 22546 | 26107 | 22927 | 12237 |
| 20° | 21943 | 21581 | 22421 | 10097 |
| 25° | 21215 | 13485 | 21672 | 8588  |
| 30° | 20283 | 8634  | 20834 | 7394  |
| 35° | 19151 | 6635  | 19770 | 6327  |
| 40° | 17887 | 5577  | 18652 | 5535  |
| 45° | 16539 | 4747  | 17230 | 4647  |
| 50° | 15156 | 4033  | 15864 | 4019  |
| 55° | 13624 | 3505  | 14360 | 3460  |
| 60° | 12265 | 2672  | 12915 | 2641  |
| 65° | 10992 | 2012  | 11646 | 2282  |
| 70° | 9593  | 1606  | 10342 | 1859  |
| 75° | 8106  | 1231  | 8850  | 1407  |
| 80° | 6435  | 837   | 6930  | 923   |
| 85° | 4464  | 433   | 4902  | 456   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21267 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 139.3  | 3.6       |
| 10°-20°   | 388.8  | 10.2      |
| 20°-30°   | 500.4  | 13.1      |
| 30°-40°   | 474.7  | 12.4      |
| 40°-50°   | 406.9  | 10.7      |
| 50°-60°   | 309.9  | 8.1       |
| 60°-70°   | 195.4  | 5.1       |
| 70°-80°   | 97.5   | 2.6       |
| 80°-90°   | 26.2   | 0.7       |
| 90°-100°  | 71.6   | 1.9       |
| 100°-110° | 252.3  | 6.6       |
| 110°-120° | 265.0  | 6.9       |
| 120°-130° | 218.0  | 5.7       |
| 130°-140° | 175.1  | 4.6       |
| 140°-150° | 132.3  | 3.5       |
| 150°-160° | 93.0   | 2.4       |
| 160°-170° | 54.7   | 1.4       |
| 170°-180° | 17.8   | 0.5       |
| 0°-30°    | 1028.6 | 26.9      |
| 0°-40°    | 1503.3 | 39.4      |
| 0°-60°    | 2220.0 | 58.1      |
| 0°-90°    | 2539.2 | 66.5      |
| 90°-120°  | 588.9  | 15.4      |
| 90°-150°  | 1114.3 | 29.2      |
| 90°-180°  | 1280.0 | 33.5      |
| 0°-180°   | 3819.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1469 | 1469 | 1469 | 1469 | 1469 |      |
| 5°   | 1470 | 1634 | 1475 | 1305 | 1470 | 139  |
| 15°  | 1385 | 1844 | 1408 | 864  | 1385 | 390  |
| 25°  | 1229 | 984  | 1255 | 627  | 1229 | 564  |
| 35°  | 1008 | 485  | 1041 | 462  | 1008 | 631  |
| 45°  | 757  | 337  | 789  | 330  | 757  | 585  |
| 55°  | 511  | 234  | 539  | 231  | 511  | 461  |
| 65°  | 309  | 122  | 328  | 138  | 309  | 307  |
| 75°  | 145  | 64   | 158  | 74   | 145  | 157  |
| 85°  | 32   | 18   | 35   | 19   | 32   | 36   |
| 90°  | 0    | 12   | 0    | 12   | 0    | 3    |
| 95°  | 12   | 40   | 12   | 40   | 12   | 13   |
| 105° | 43   | 398  | 43   | 398  | 43   | 46   |
| 115° | 76   | 524  | 76   | 524  | 76   | 75   |
| 125° | 106  | 425  | 106  | 425  | 106  | 94   |
| 135° | 124  | 352  | 124  | 352  | 124  | 96   |
| 145° | 142  | 281  | 142  | 281  | 142  | 89   |
| 155° | 162  | 236  | 162  | 236  | 162  | 74   |
| 165° | 176  | 208  | 176  | 208  | 176  | 50   |
| 175° | 183  | 187  | 183  | 187  | 183  | 17   |
| 180° | 184  | 184  | 184  | 184  | 184  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1477.8 | 1484.0 | 1487.0 | 1491.1 | 1500.3 | 1506.4 | 1515.6 | 1517.6 | 1516.6 | 1520.7 | 1509.5 |
| 5°     | 1469.7 | 1482.9 | 1495.2 | 1505.4 | 1521.7 | 1531.9 | 1543.1 | 1556.4 | 1559.5 | 1574.8 | 1565.6 |
| 7.5°   | 1458.4 | 1477.8 | 1495.2 | 1515.6 | 1540.1 | 1553.4 | 1570.7 | 1591.1 | 1600.3 | 1618.7 | 1623.8 |
| 10°    | 1440.1 | 1467.6 | 1497.2 | 1518.7 | 1552.3 | 1575.8 | 1592.1 | 1624.8 | 1646.2 | 1673.8 | 1669.7 |
| 12.5°  | 1410.5 | 1446.2 | 1486.0 | 1521.7 | 1565.6 | 1580.9 | 1611.5 | 1645.2 | 1672.8 | 1698.3 | 1720.7 |
| 15°    | 1385.0 | 1425.8 | 1469.7 | 1513.6 | 1563.6 | 1592.1 | 1622.8 | 1666.6 | 1696.2 | 1741.1 | 1760.5 |
| 17.5°  | 1350.3 | 1402.3 | 1454.4 | 1503.3 | 1562.5 | 1595.2 | 1633.0 | 1675.8 | 1719.7 | 1762.6 | 1777.9 |
| 20°    | 1314.5 | 1370.7 | 1426.8 | 1493.1 | 1560.5 | 1592.1 | 1630.9 | 1684.0 | 1726.9 | 1760.5 | 1760.5 |
| 22.5°  | 1271.7 | 1340.0 | 1404.3 | 1467.6 | 1541.1 | 1587.0 | 1626.8 | 1689.1 | 1719.7 | 1726.9 | 1699.3 |
| 25°    | 1228.8 | 1297.2 | 1367.6 | 1446.2 | 1529.9 | 1570.7 | 1615.6 | 1673.8 | 1684.0 | 1655.4 | 1584.0 |
| 27.5°  | 1177.8 | 1254.3 | 1333.9 | 1418.6 | 1506.4 | 1557.4 | 1598.3 | 1637.0 | 1617.7 | 1541.1 | 1429.9 |
| 30°    | 1125.7 | 1208.4 | 1298.2 | 1378.8 | 1485.0 | 1531.9 | 1566.6 | 1577.8 | 1516.6 | 1392.1 | 1248.2 |
| 32.5°  | 1071.6 | 1152.3 | 1247.2 | 1344.1 | 1451.3 | 1496.2 | 1518.7 | 1489.1 | 1376.8 | 1219.6 | 1044.1 |
| 35°    | 1008.4 | 1099.2 | 1198.2 | 1299.2 | 1405.4 | 1439.0 | 1452.3 | 1379.9 | 1235.9 | 1032.8 | 858.3  |
| 37.5°  | 951.2  | 1042.0 | 1148.2 | 1251.3 | 1354.3 | 1372.7 | 1359.4 | 1246.2 | 1063.5 | 862.4  | 692.0  |
| 40°    | 883.8  | 980.8  | 1084.9 | 1200.2 | 1284.9 | 1290.0 | 1257.4 | 1110.4 | 883.8  | 695.0  | 589.9  |
| 42.5°  | 821.6  | 919.6  | 1023.7 | 1141.0 | 1205.3 | 1188.0 | 1144.1 | 951.2  | 737.9  | 599.1  | 514.4  |
| 45°    | 757.3  | 850.2  | 962.4  | 1066.5 | 1112.5 | 1071.6 | 1005.3 | 800.2  | 619.5  | 515.4  | 450.1  |
| 47.5°  | 695.0  | 781.8  | 893.0  | 993.0  | 1001.2 | 955.3  | 876.7  | 670.5  | 536.8  | 453.1  | 400.1  |
| 50°    | 633.8  | 720.5  | 824.6  | 907.3  | 899.1  | 835.9  | 747.1  | 582.8  | 466.4  | 400.1  | 356.2  |
| 52.5°  | 572.6  | 651.1  | 752.2  | 817.5  | 782.8  | 721.6  | 633.8  | 494.0  | 407.2  | 349.0  | 315.4  |
| 55°    | 511.3  | 584.8  | 671.6  | 725.6  | 670.5  | 600.1  | 537.9  | 423.5  | 353.1  | 306.2  | 280.7  |
| 57.5°  | 460.3  | 518.5  | 598.1  | 630.7  | 564.4  | 509.3  | 455.2  | 364.4  | 306.2  | 272.5  | 242.9  |
| 60°    | 404.2  | 457.2  | 522.5  | 541.9  | 473.6  | 428.7  | 382.7  | 308.2  | 262.3  | 232.7  | 213.3  |
| 62.5°  | 356.2  | 400.1  | 450.1  | 450.1  | 389.9  | 356.2  | 321.5  | 258.2  | 220.4  | 197.0  | 187.8  |
| 65°    | 309.2  | 340.9  | 376.6  | 372.5  | 321.5  | 291.9  | 264.3  | 213.3  | 184.7  | 168.4  | 159.2  |
| 67.5°  | 263.3  | 287.8  | 311.3  | 297.0  | 260.3  | 234.7  | 209.2  | 172.5  | 153.1  | 141.9  | 129.6  |
| 70°    | 221.5  | 240.9  | 253.1  | 239.8  | 203.1  | 181.7  | 163.3  | 138.8  | 123.5  | 109.2  | 102.1  |
| 72.5°  | 185.7  | 193.9  | 198.0  | 181.7  | 151.0  | 138.8  | 125.5  | 108.2  | 94.9   | 87.8   | 85.7   |
| 75°    | 144.9  | 152.1  | 149.0  | 136.8  | 111.2  | 102.1  | 91.9   | 79.6   | 76.5   | 72.5   | 70.4   |
| 77.5°  | 113.3  | 113.3  | 108.2  | 97.0   | 79.6   | 72.5   | 68.4   | 62.3   | 59.2   | 58.2   | 56.1   |
| 80°    | 80.6   | 79.6   | 76.5   | 64.3   | 54.1   | 50.0   | 50.0   | 45.9   | 44.9   | 42.9   | 42.9   |
| 82.5°  | 53.1   | 53.1   | 49.0   | 38.8   | 35.7   | 34.7   | 33.7   | 31.6   | 31.6   | 30.6   | 30.6   |
| 85°    | 31.6   | 29.6   | 24.5   | 21.4   | 20.4   | 20.4   | 19.4   | 18.4   | 19.4   | 18.4   | 18.4   |
| 87.5°  | 14.3   | 11.2   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    |
| 90°    | 0.4    | 1.4    | 2.8    | 3.5    | 4.2    | 4.8    | 5.3    | 7.1    | 9.5    | 11.7   | 12.0   |
| 92.5°  | 5.3    | 7.4    | 10.2   | 12.0   | 14.8   | 16.8   | 18.7   | 28.3   | 41.7   | 53.7   | 54.4   |
| 95°    | 12.4   | 13.8   | 17.3   | 20.5   | 26.2   | 30.4   | 34.6   | 50.9   | 81.6   | 122.6  | 138.5  |
| 97.5°  | 18.4   | 20.5   | 24.4   | 29.0   | 35.3   | 40.1   | 44.9   | 65.7   | 108.5  | 174.6  | 225.8  |
| 100°   | 27.2   | 28.3   | 31.5   | 37.1   | 44.2   | 49.2   | 54.1   | 72.8   | 115.9  | 192.3  | 279.2  |
| 102.5° | 35.3   | 36.0   | 39.2   | 44.9   | 52.3   | 57.2   | 62.2   | 79.2   | 116.3  | 185.5  | 281.0  |
| 105°   | 43.1   | 44.5   | 47.0   | 52.3   | 60.1   | 65.0   | 70.0   | 86.6   | 118.0  | 176.4  | 261.9  |
| 107.5° | 51.6   | 52.7   | 55.1   | 60.1   | 67.9   | 72.8   | 77.8   | 94.0   | 121.9  | 171.4  | 244.2  |
| 110°   | 60.1   | 61.5   | 63.6   | 68.2   | 75.6   | 80.8   | 85.9   | 101.4  | 126.9  | 170.0  | 232.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 67.9  | 69.3  | 71.7  | 76.0  | 83.1  | 88.4  | 93.7  | 108.5 | 132.2 | 170.3 | 224.4 |
| 115°   | 76.0  | 77.8  | 79.9  | 84.1  | 91.2  | 96.0  | 100.7 | 115.9 | 137.5 | 171.8 | 219.1 |
| 117.5° | 84.5  | 85.9  | 88.0  | 91.9  | 98.6  | 103.6 | 108.5 | 122.6 | 143.1 | 173.9 | 216.3 |
| 120°   | 92.2  | 93.7  | 95.8  | 99.0  | 106.0 | 111.0 | 115.9 | 129.7 | 148.8 | 176.0 | 213.8 |
| 122.5° | 99.7  | 100.7 | 102.8 | 106.4 | 113.4 | 118.6 | 123.7 | 136.4 | 153.7 | 178.5 | 212.4 |
| 125°   | 106.0 | 107.1 | 109.2 | 113.4 | 120.5 | 125.4 | 130.4 | 143.1 | 159.0 | 180.9 | 210.6 |
| 127.5° | 111.3 | 112.7 | 115.6 | 120.2 | 126.9 | 132.0 | 137.1 | 149.5 | 164.0 | 183.4 | 209.6 |
| 130°   | 115.9 | 117.3 | 120.9 | 125.8 | 132.9 | 137.9 | 142.8 | 155.1 | 168.6 | 186.2 | 208.9 |
| 132.5° | 120.2 | 121.9 | 125.8 | 131.1 | 138.5 | 143.4 | 148.4 | 160.1 | 173.2 | 189.1 | 208.5 |
| 135°   | 124.4 | 125.8 | 130.1 | 135.4 | 143.5 | 148.4 | 153.4 | 164.7 | 177.1 | 191.2 | 208.2 |
| 137.5° | 128.3 | 130.1 | 134.3 | 140.0 | 148.1 | 152.7 | 157.3 | 168.6 | 180.2 | 193.3 | 208.2 |
| 140°   | 132.9 | 134.3 | 138.5 | 144.2 | 152.0 | 156.6 | 161.2 | 171.8 | 182.7 | 194.7 | 207.8 |
| 142.5° | 137.5 | 138.5 | 142.4 | 148.1 | 155.5 | 159.8 | 164.0 | 174.2 | 184.8 | 195.8 | 207.8 |
| 145°   | 142.1 | 143.5 | 147.0 | 152.3 | 159.4 | 163.3 | 167.2 | 176.7 | 186.6 | 196.5 | 207.1 |
| 147.5° | 147.0 | 148.1 | 151.6 | 156.6 | 162.6 | 166.1 | 169.6 | 178.8 | 187.7 | 196.9 | 206.0 |
| 150°   | 152.0 | 153.0 | 155.9 | 160.5 | 165.8 | 169.0 | 172.1 | 180.2 | 188.4 | 196.5 | 205.0 |
| 152.5° | 156.9 | 157.3 | 160.1 | 164.0 | 168.9 | 171.8 | 174.6 | 181.7 | 188.7 | 195.8 | 203.2 |
| 155°   | 161.5 | 161.9 | 164.0 | 167.9 | 171.8 | 174.4 | 177.1 | 183.1 | 189.1 | 195.1 | 201.1 |
| 157.5° | 165.4 | 165.8 | 167.5 | 171.1 | 174.2 | 176.5 | 178.8 | 184.1 | 189.1 | 193.7 | 199.0 |
| 160°   | 169.3 | 169.6 | 171.1 | 173.9 | 176.7 | 178.6 | 180.6 | 184.8 | 189.1 | 192.6 | 196.9 |
| 162.5° | 173.2 | 172.8 | 174.2 | 176.4 | 178.8 | 180.2 | 181.7 | 185.2 | 188.7 | 191.6 | 195.1 |
| 165°   | 176.0 | 175.6 | 176.4 | 178.5 | 180.2 | 181.3 | 182.4 | 185.5 | 188.0 | 190.1 | 192.6 |
| 167.5° | 178.5 | 178.1 | 178.8 | 180.2 | 181.7 | 182.4 | 183.1 | 185.5 | 187.7 | 188.7 | 190.5 |
| 170°   | 180.9 | 180.2 | 180.6 | 181.7 | 182.4 | 182.9 | 183.4 | 185.2 | 187.0 | 187.7 | 188.7 |
| 172.5° | 182.4 | 182.0 | 181.7 | 182.7 | 183.1 | 183.4 | 183.8 | 184.8 | 185.9 | 186.2 | 186.6 |
| 175°   | 183.4 | 183.1 | 182.7 | 183.4 | 183.4 | 183.6 | 183.8 | 184.5 | 185.2 | 184.8 | 185.2 |
| 177.5° | 184.1 | 183.4 | 183.1 | 183.8 | 183.8 | 183.8 | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1520.7 | 1522.7 | 1525.8 | 1540.1 | 1542.1 | 1546.2 | 1544.2 | 1544.2 | 1545.2 | 1543.1 | 1544.2 |
| 5°     | 1586.0 | 1589.1 | 1604.4 | 1621.7 | 1625.8 | 1621.7 | 1626.8 | 1634.0 | 1634.0 | 1634.0 | 1631.9 |
| 7.5°   | 1647.2 | 1658.5 | 1675.8 | 1701.3 | 1706.4 | 1711.5 | 1720.7 | 1714.6 | 1716.7 | 1725.8 | 1722.8 |
| 10°    | 1706.4 | 1722.8 | 1742.2 | 1763.6 | 1774.8 | 1782.0 | 1786.1 | 1795.2 | 1816.7 | 1792.2 | 1801.4 |
| 12.5°  | 1762.6 | 1786.1 | 1806.5 | 1829.9 | 1838.1 | 1847.3 | 1850.3 | 1858.5 | 1858.5 | 1857.5 | 1864.6 |
| 15°    | 1799.3 | 1820.8 | 1839.1 | 1854.4 | 1856.5 | 1854.4 | 1852.4 | 1853.4 | 1856.5 | 1844.2 | 1851.4 |
| 17.5°  | 1807.5 | 1809.5 | 1815.6 | 1809.5 | 1810.5 | 1789.1 | 1776.9 | 1773.8 | 1745.2 | 1746.2 | 1769.7 |
| 20°    | 1767.7 | 1733.0 | 1723.8 | 1690.1 | 1669.7 | 1614.6 | 1612.5 | 1597.2 | 1537.0 | 1555.4 | 1551.3 |
| 22.5°  | 1658.5 | 1599.3 | 1520.7 | 1481.9 | 1462.5 | 1404.3 | 1359.4 | 1327.8 | 1306.4 | 1284.9 | 1275.8 |
| 25°    | 1514.6 | 1418.6 | 1307.4 | 1230.8 | 1219.6 | 1165.5 | 1082.9 | 1044.1 | 998.1  | 983.9  | 1008.4 |
| 27.5°  | 1328.8 | 1204.3 | 1078.8 | 961.4  | 940.0  | 891.0  | 849.1  | 821.6  | 768.5  | 765.5  | 767.5  |
| 30°    | 1076.7 | 951.2  | 846.1  | 769.5  | 716.5  | 694.0  | 666.5  | 646.0  | 624.6  | 632.8  | 634.8  |
| 32.5°  | 884.9  | 765.5  | 667.5  | 626.6  | 602.2  | 587.9  | 564.4  | 551.1  | 541.9  | 538.9  | 537.9  |
| 35°    | 703.2  | 623.6  | 579.7  | 539.9  | 525.6  | 515.4  | 498.1  | 491.9  | 483.8  | 484.8  | 484.8  |
| 37.5°  | 602.2  | 535.8  | 503.2  | 482.7  | 469.5  | 464.4  | 453.1  | 447.0  | 441.9  | 439.9  | 442.9  |
| 40°    | 519.5  | 473.6  | 453.1  | 434.8  | 423.5  | 421.5  | 415.4  | 408.2  | 402.1  | 403.1  | 406.2  |
| 42.5°  | 459.3  | 432.7  | 408.2  | 394.0  | 385.8  | 382.7  | 377.6  | 372.5  | 372.5  | 369.5  | 368.4  |
| 45°    | 411.3  | 389.9  | 369.5  | 356.2  | 351.1  | 347.0  | 340.9  | 339.9  | 335.8  | 336.8  | 337.8  |
| 47.5°  | 368.4  | 351.1  | 335.8  | 322.5  | 317.4  | 316.4  | 310.3  | 306.2  | 306.2  | 305.2  | 304.1  |
| 50°    | 329.7  | 312.3  | 299.0  | 291.9  | 284.7  | 282.7  | 281.7  | 280.7  | 278.6  | 278.6  | 279.6  |
| 52.5°  | 298.0  | 280.7  | 270.5  | 264.3  | 260.3  | 258.2  | 258.2  | 257.2  | 257.2  | 257.2  | 256.2  |
| 55°    | 263.3  | 249.0  | 240.9  | 238.8  | 236.8  | 235.8  | 234.7  | 232.7  | 231.7  | 233.7  | 231.7  |
| 57.5°  | 230.7  | 225.6  | 218.4  | 216.4  | 211.3  | 211.3  | 208.2  | 206.2  | 204.1  | 206.2  | 206.2  |
| 60°    | 205.1  | 198.0  | 193.9  | 187.8  | 183.7  | 179.6  | 174.5  | 173.5  | 171.5  | 170.4  | 169.4  |
| 62.5°  | 178.6  | 172.5  | 162.3  | 153.1  | 147.0  | 142.9  | 140.8  | 139.8  | 139.8  | 138.8  | 138.8  |
| 65°    | 149.0  | 134.7  | 129.6  | 126.6  | 125.5  | 124.5  | 122.5  | 121.5  | 122.5  | 121.5  | 122.5  |
| 67.5°  | 116.3  | 114.3  | 111.2  | 109.2  | 108.2  | 107.2  | 107.2  | 106.1  | 106.1  | 106.1  | 106.1  |
| 70°    | 101.0  | 95.9   | 94.9   | 92.9   | 92.9   | 91.9   | 91.9   | 91.9   | 91.9   | 90.8   | 92.9   |
| 72.5°  | 83.7   | 80.6   | 79.6   | 78.6   | 78.6   | 78.6   | 77.6   | 77.6   | 77.6   | 76.5   | 77.6   |
| 75°    | 68.4   | 67.4   | 65.3   | 65.3   | 64.3   | 65.3   | 64.3   | 64.3   | 63.3   | 64.3   | 64.3   |
| 77.5°  | 55.1   | 54.1   | 53.1   | 53.1   | 52.1   | 52.1   | 52.1   | 52.1   | 52.1   | 52.1   | 53.1   |
| 80°    | 41.8   | 40.8   | 39.8   | 40.8   | 39.8   | 40.8   | 39.8   | 39.8   | 40.8   | 39.8   | 39.8   |
| 82.5°  | 30.6   | 29.6   | 29.6   | 28.6   | 28.6   | 28.6   | 28.6   | 28.6   | 28.6   | 28.6   | 28.6   |
| 85°    | 18.4   | 17.4   | 17.4   | 18.4   | 17.4   | 18.4   | 17.4   | 17.4   | 17.4   | 18.4   | 18.4   |
| 87.5°  | 8.2    | 9.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 9.2    |
| 90°    | 11.7   | 11.3   | 10.6   | 11.3   | 11.5   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   |
| 92.5°  | 45.6   | 35.7   | 30.4   | 26.5   | 25.1   | 23.7   | 23.3   | 21.9   | 22.3   | 21.6   | 22.3   |
| 95°    | 121.2  | 92.6   | 71.0   | 56.2   | 52.3   | 48.4   | 43.8   | 41.0   | 39.9   | 40.3   | 39.9   |
| 97.5°  | 227.6  | 189.4  | 151.3  | 115.6  | 105.0  | 94.4   | 80.6   | 73.5   | 69.6   | 67.5   | 69.6   |
| 100°   | 330.1  | 322.7  | 278.8  | 230.4  | 209.0  | 187.7  | 158.3  | 143.1  | 132.9  | 126.5  | 132.9  |
| 102.5° | 368.3  | 410.0  | 408.5  | 376.4  | 353.4  | 330.4  | 297.9  | 269.3  | 255.9  | 246.7  | 255.9  |
| 105°   | 355.9  | 429.4  | 469.3  | 473.9  | 468.1  | 462.3  | 440.4  | 418.4  | 403.2  | 398.3  | 403.2  |
| 107.5° | 329.7  | 408.5  | 467.9  | 502.6  | 509.6  | 516.7  | 516.3  | 513.2  | 508.6  | 500.4  | 508.6  |
| 110°   | 305.4  | 379.9  | 443.2  | 488.4  | 502.9  | 517.4  | 532.6  | 539.3  | 542.5  | 542.1  | 542.5  |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 288.4 | 353.8 | 413.8 | 463.0 | 480.2 | 497.3 | 519.9 | 532.2 | 539.0 | 541.4 | 539.0 |
| 115°   | 275.0 | 333.3 | 387.7 | 434.0 | 452.2 | 470.4 | 495.5 | 511.7 | 520.9 | 524.1 | 520.9 |
| 117.5° | 265.8 | 316.3 | 365.1 | 408.2 | 425.5 | 442.8 | 468.6 | 485.9 | 495.5 | 498.0 | 495.5 |
| 120°   | 258.7 | 304.3 | 348.1 | 385.6 | 401.6 | 417.7 | 442.5 | 459.1 | 469.3 | 472.9 | 469.3 |
| 122.5° | 252.7 | 294.7 | 334.0 | 369.0 | 383.1 | 397.2 | 418.8 | 435.1 | 443.9 | 446.7 | 443.9 |
| 125°   | 247.0 | 285.6 | 322.0 | 353.1 | 366.4 | 379.6 | 400.1 | 413.5 | 422.3 | 425.2 | 422.3 |
| 127.5° | 241.7 | 276.4 | 309.9 | 339.6 | 352.0 | 364.4 | 382.4 | 395.1 | 402.9 | 405.0 | 402.9 |
| 130°   | 236.4 | 267.5 | 297.9 | 325.8 | 337.5 | 349.2 | 366.5 | 378.5 | 385.6 | 388.4 | 385.6 |
| 132.5° | 232.2 | 259.1 | 286.6 | 311.7 | 322.5 | 333.3 | 350.2 | 362.3 | 368.6 | 371.1 | 368.6 |
| 135°   | 228.3 | 251.3 | 274.6 | 297.9 | 307.8 | 317.7 | 332.9 | 344.6 | 350.9 | 352.4 | 350.9 |
| 137.5° | 225.5 | 244.9 | 265.1 | 284.1 | 293.0 | 301.8 | 316.3 | 326.6 | 332.2 | 334.3 | 332.2 |
| 140°   | 223.0 | 238.9 | 255.9 | 272.1 | 279.9 | 287.7 | 299.0 | 308.2 | 313.5 | 315.6 | 313.5 |
| 142.5° | 220.5 | 234.0 | 247.7 | 261.2 | 267.4 | 273.5 | 284.1 | 292.3 | 296.9 | 296.9 | 296.9 |
| 145°   | 218.4 | 229.4 | 241.0 | 252.0 | 257.1 | 262.2 | 270.7 | 276.7 | 280.3 | 281.3 | 280.3 |
| 147.5° | 216.3 | 225.8 | 235.4 | 244.2 | 248.1 | 252.0 | 259.4 | 264.4 | 266.8 | 267.5 | 266.8 |
| 150°   | 213.5 | 221.9 | 229.7 | 237.1 | 240.3 | 243.5 | 248.8 | 253.0 | 255.2 | 255.5 | 255.2 |
| 152.5° | 211.0 | 218.1 | 225.1 | 231.1 | 233.8 | 236.4 | 240.3 | 243.9 | 245.3 | 245.3 | 245.3 |
| 155°   | 207.8 | 214.5 | 220.2 | 225.5 | 227.4 | 229.4 | 233.3 | 235.7 | 237.1 | 236.4 | 237.1 |
| 157.5° | 205.0 | 210.3 | 215.2 | 219.8 | 221.4 | 223.0 | 225.8 | 228.0 | 228.7 | 228.7 | 228.7 |
| 160°   | 201.8 | 206.4 | 210.3 | 214.2 | 215.4 | 216.6 | 219.1 | 220.9 | 221.2 | 221.2 | 221.2 |
| 162.5° | 199.0 | 202.5 | 205.7 | 208.9 | 209.8 | 210.6 | 213.1 | 214.2 | 214.5 | 214.2 | 214.5 |
| 165°   | 195.8 | 198.6 | 201.1 | 203.6 | 204.3 | 205.0 | 206.4 | 207.8 | 207.8 | 207.5 | 207.8 |
| 167.5° | 192.6 | 194.7 | 196.9 | 198.6 | 199.3 | 200.0 | 200.7 | 201.4 | 201.4 | 201.1 | 201.4 |
| 170°   | 190.1 | 191.9 | 193.0 | 194.4 | 194.8 | 195.1 | 195.4 | 196.5 | 196.1 | 195.4 | 196.1 |
| 172.5° | 187.7 | 188.7 | 189.4 | 190.5 | 190.6 | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 191.2 |
| 175°   | 185.5 | 186.6 | 187.0 | 187.3 | 187.5 | 187.7 | 187.7 | 188.0 | 187.7 | 187.0 | 187.7 |
| 177.5° | 184.1 | 184.8 | 184.8 | 185.2 | 185.2 | 185.2 | 185.2 | 185.2 | 184.8 | 184.1 | 184.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1548.3 | 1541.1 | 1539.1 | 1541.1 | 1539.1 | 1540.1 | 1532.9 | 1506.4 | 1513.6 | 1502.3 | 1508.4 |
| 5°     | 1636.0 | 1629.9 | 1616.6 | 1614.6 | 1612.5 | 1610.5 | 1600.3 | 1576.8 | 1567.6 | 1552.3 | 1551.3 |
| 7.5°   | 1719.7 | 1719.7 | 1709.5 | 1702.4 | 1693.2 | 1686.0 | 1672.8 | 1638.1 | 1623.8 | 1605.4 | 1595.2 |
| 10°    | 1802.4 | 1775.8 | 1787.1 | 1779.9 | 1757.5 | 1753.4 | 1728.9 | 1708.5 | 1680.9 | 1662.6 | 1646.2 |
| 12.5°  | 1861.6 | 1853.4 | 1843.2 | 1837.1 | 1831.0 | 1817.7 | 1801.4 | 1749.3 | 1735.0 | 1698.3 | 1679.9 |
| 15°    | 1859.5 | 1854.4 | 1857.5 | 1857.5 | 1855.5 | 1852.4 | 1839.1 | 1801.4 | 1776.9 | 1741.1 | 1709.5 |
| 17.5°  | 1759.5 | 1772.8 | 1786.1 | 1795.2 | 1815.6 | 1824.8 | 1837.1 | 1814.6 | 1799.3 | 1768.7 | 1735.0 |
| 20°    | 1585.0 | 1617.7 | 1656.4 | 1664.6 | 1683.0 | 1737.1 | 1761.6 | 1780.9 | 1787.1 | 1776.9 | 1749.3 |
| 22.5°  | 1342.1 | 1369.6 | 1463.5 | 1461.5 | 1488.0 | 1552.3 | 1623.8 | 1682.0 | 1727.9 | 1753.4 | 1743.2 |
| 25°    | 1051.2 | 1090.0 | 1140.0 | 1177.8 | 1264.5 | 1360.5 | 1449.3 | 1542.1 | 1621.7 | 1692.2 | 1709.5 |
| 27.5°  | 795.0  | 846.1  | 885.9  | 935.9  | 979.8  | 1093.1 | 1207.4 | 1352.3 | 1445.2 | 1578.9 | 1648.3 |
| 30°    | 643.0  | 666.5  | 706.3  | 729.7  | 751.2  | 837.9  | 967.5  | 1110.4 | 1273.7 | 1427.8 | 1547.2 |
| 32.5°  | 549.1  | 565.4  | 595.0  | 605.2  | 627.7  | 685.8  | 767.5  | 898.1  | 1066.5 | 1253.3 | 1410.5 |
| 35°    | 493.0  | 510.3  | 516.4  | 525.6  | 544.0  | 580.7  | 636.9  | 731.8  | 883.8  | 1066.5 | 1254.3 |
| 37.5°  | 445.0  | 454.2  | 471.5  | 477.6  | 483.8  | 511.3  | 549.1  | 615.4  | 716.5  | 866.5  | 1074.7 |
| 40°    | 411.3  | 416.4  | 425.6  | 430.7  | 434.8  | 454.2  | 487.8  | 532.8  | 607.3  | 721.6  | 913.4  |
| 42.5°  | 375.6  | 381.7  | 387.8  | 394.0  | 399.1  | 414.4  | 434.8  | 477.6  | 527.7  | 614.4  | 753.2  |
| 45°    | 340.9  | 345.0  | 352.1  | 356.2  | 363.3  | 375.6  | 394.0  | 423.5  | 468.5  | 523.6  | 635.8  |
| 47.5°  | 309.2  | 314.3  | 317.4  | 322.5  | 327.6  | 340.9  | 358.2  | 377.6  | 414.4  | 468.5  | 550.1  |
| 50°    | 280.7  | 286.8  | 290.9  | 291.9  | 296.0  | 308.2  | 322.5  | 343.9  | 367.4  | 409.3  | 480.7  |
| 52.5°  | 260.3  | 261.3  | 264.3  | 268.4  | 267.4  | 274.5  | 287.8  | 304.1  | 328.6  | 362.3  | 414.4  |
| 55°    | 236.8  | 239.8  | 241.9  | 242.9  | 242.9  | 249.0  | 256.2  | 271.5  | 290.9  | 318.4  | 362.3  |
| 57.5°  | 207.2  | 210.2  | 216.4  | 218.4  | 221.5  | 224.5  | 227.6  | 237.8  | 254.1  | 280.7  | 316.4  |
| 60°    | 176.6  | 178.6  | 184.7  | 188.8  | 190.9  | 199.0  | 203.1  | 211.3  | 220.4  | 239.8  | 273.5  |
| 62.5°  | 141.9  | 143.9  | 147.0  | 151.0  | 155.1  | 167.4  | 177.6  | 185.7  | 192.9  | 206.2  | 233.7  |
| 65°    | 123.5  | 124.5  | 126.6  | 127.6  | 128.6  | 133.7  | 142.9  | 154.1  | 167.4  | 177.6  | 193.9  |
| 67.5°  | 107.2  | 108.2  | 109.2  | 111.2  | 112.3  | 113.3  | 117.4  | 120.4  | 133.7  | 148.0  | 160.2  |
| 70°    | 91.9   | 93.9   | 94.9   | 94.9   | 95.9   | 98.0   | 100.0  | 104.1  | 108.2  | 115.3  | 130.6  |
| 72.5°  | 77.6   | 78.6   | 80.6   | 80.6   | 80.6   | 82.7   | 84.7   | 86.8   | 88.8   | 92.9   | 99.0   |
| 75°    | 64.3   | 66.3   | 66.3   | 66.3   | 67.4   | 67.4   | 69.4   | 71.4   | 73.5   | 76.5   | 78.6   |
| 77.5°  | 53.1   | 53.1   | 53.1   | 53.1   | 54.1   | 54.1   | 55.1   | 57.2   | 58.2   | 59.2   | 61.2   |
| 80°    | 39.8   | 40.8   | 40.8   | 40.8   | 41.8   | 41.8   | 41.8   | 43.9   | 44.9   | 44.9   | 46.9   |
| 82.5°  | 29.6   | 29.6   | 29.6   | 30.6   | 29.6   | 30.6   | 30.6   | 31.6   | 30.6   | 31.6   | 32.7   |
| 85°    | 18.4   | 18.4   | 18.4   | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 19.4   | 20.4   |
| 87.5°  | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 10.2   | 9.2    | 9.2    |
| 90°    | 11.7   | 11.7   | 11.7   | 11.5   | 11.3   | 10.6   | 11.3   | 11.7   | 12.0   | 11.7   | 9.5    |
| 92.5°  | 21.9   | 23.3   | 23.7   | 25.1   | 26.5   | 30.4   | 35.7   | 45.6   | 54.4   | 53.7   | 41.7   |
| 95°    | 41.0   | 43.8   | 48.4   | 52.3   | 56.2   | 71.0   | 92.6   | 121.2  | 138.5  | 122.6  | 81.6   |
| 97.5°  | 73.5   | 80.6   | 94.4   | 105.0  | 115.6  | 151.3  | 189.4  | 227.6  | 225.8  | 174.6  | 108.5  |
| 100°   | 143.1  | 158.3  | 187.7  | 209.0  | 230.4  | 278.8  | 322.7  | 330.1  | 279.2  | 192.3  | 115.9  |
| 102.5° | 269.3  | 297.9  | 330.4  | 353.4  | 376.4  | 408.5  | 410.0  | 368.3  | 281.0  | 185.5  | 116.3  |
| 105°   | 418.4  | 440.4  | 462.3  | 468.1  | 473.9  | 469.3  | 429.4  | 355.9  | 261.9  | 176.4  | 118.0  |
| 107.5° | 513.2  | 516.3  | 516.7  | 509.6  | 502.6  | 467.9  | 408.5  | 329.7  | 244.2  | 171.4  | 121.9  |
| 110°   | 539.3  | 532.6  | 517.4  | 502.9  | 488.4  | 443.2  | 379.9  | 305.4  | 232.2  | 170.0  | 126.9  |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 532.2 | 519.9 | 497.3 | 480.2  | 463.0 | 413.8 | 353.8 | 288.4 | 224.4 | 170.3 | 132.2 |
| 115°   | 511.7 | 495.5 | 470.4 | 452.2  | 434.0 | 387.7 | 333.3 | 275.0 | 219.1 | 171.8 | 137.5 |
| 117.5° | 485.9 | 468.6 | 442.8 | 425.5  | 408.2 | 365.1 | 316.3 | 265.8 | 216.3 | 173.9 | 143.1 |
| 120°   | 459.1 | 442.5 | 417.7 | 401.6  | 385.6 | 348.1 | 304.3 | 258.7 | 213.8 | 176.0 | 148.8 |
| 122.5° | 435.1 | 418.8 | 397.2 | 383.1  | 369.0 | 334.0 | 294.7 | 252.7 | 212.4 | 178.5 | 153.7 |
| 125°   | 413.5 | 400.1 | 379.6 | 366.4  | 353.1 | 322.0 | 285.6 | 247.0 | 210.6 | 180.9 | 159.0 |
| 127.5° | 395.1 | 382.4 | 364.4 | 352.0  | 339.6 | 309.9 | 276.4 | 241.7 | 209.6 | 183.4 | 164.0 |
| 130°   | 378.5 | 366.5 | 349.2 | 337.5  | 325.8 | 297.9 | 267.5 | 236.4 | 208.9 | 186.2 | 168.6 |
| 132.5° | 362.3 | 350.2 | 333.3 | 322.5  | 311.7 | 286.6 | 259.1 | 232.2 | 208.5 | 189.1 | 173.2 |
| 135°   | 344.6 | 332.9 | 317.7 | 307.8  | 297.9 | 274.6 | 251.3 | 228.3 | 208.2 | 191.2 | 177.1 |
| 137.5° | 326.6 | 316.3 | 301.8 | 293.0  | 284.1 | 265.1 | 244.9 | 225.5 | 208.2 | 193.3 | 180.2 |
| 140°   | 308.2 | 299.0 | 287.7 | 279.9  | 272.1 | 255.9 | 238.9 | 223.0 | 207.8 | 194.7 | 182.7 |
| 142.5° | 292.3 | 284.1 | 273.5 | 267.4  | 261.2 | 247.7 | 234.0 | 220.5 | 207.8 | 195.8 | 184.8 |
| 145°   | 276.7 | 270.7 | 262.2 | 257.1  | 252.0 | 241.0 | 229.4 | 218.4 | 207.1 | 196.5 | 186.6 |
| 147.5° | 264.4 | 259.4 | 252.0 | 248.1  | 244.2 | 235.4 | 225.8 | 216.3 | 206.0 | 196.9 | 187.7 |
| 150°   | 253.0 | 248.8 | 243.5 | 240.3  | 237.1 | 229.7 | 221.9 | 213.5 | 205.0 | 196.5 | 188.4 |
| 152.5° | 243.9 | 240.3 | 236.4 | 233.8  | 231.1 | 225.1 | 218.1 | 211.0 | 203.2 | 195.8 | 188.7 |
| 155°   | 235.7 | 233.3 | 229.4 | 227.4  | 225.5 | 220.2 | 214.5 | 207.8 | 201.1 | 195.1 | 189.1 |
| 157.5° | 228.0 | 225.8 | 223.0 | 221.4  | 219.8 | 215.2 | 210.3 | 205.0 | 199.0 | 193.7 | 189.1 |
| 160°   | 220.9 | 219.1 | 216.6 | 215.4  | 214.2 | 210.3 | 206.4 | 201.8 | 196.9 | 192.6 | 189.1 |
| 162.5° | 214.2 | 213.1 | 210.6 | 209.8  | 208.9 | 205.7 | 202.5 | 199.0 | 195.1 | 191.6 | 188.7 |
| 165°   | 207.8 | 206.4 | 205.0 | 204.3  | 203.6 | 201.1 | 198.6 | 195.8 | 192.6 | 190.1 | 188.0 |
| 167.5° | 201.4 | 200.7 | 200.0 | 199.3  | 198.6 | 196.9 | 194.7 | 192.6 | 190.5 | 188.7 | 187.7 |
| 170°   | 196.5 | 195.4 | 195.1 | 194.8  | 194.4 | 193.0 | 191.9 | 190.1 | 188.7 | 187.7 | 187.0 |
| 172.5° | 191.6 | 191.2 | 190.8 | 190.6  | 190.5 | 189.4 | 188.7 | 187.7 | 186.6 | 186.2 | 185.9 |
| 175°   | 188.0 | 187.7 | 187.7 | 187.5  | 187.3 | 187.0 | 186.6 | 185.5 | 185.2 | 184.8 | 185.2 |
| 177.5° | 185.2 | 185.2 | 185.2 | 185.2  | 185.2 | 184.8 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1499.3 | 1494.2 | 1494.2 | 1491.1 | 1491.1 | 1474.8 | 1474.8 | 1479.9 | 1473.7 | 1466.6 | 1456.4 |
| 5°     | 1538.0 | 1526.8 | 1523.8 | 1519.7 | 1506.4 | 1486.0 | 1477.8 | 1474.8 | 1462.5 | 1447.2 | 1429.9 |
| 7.5°   | 1574.8 | 1556.4 | 1547.2 | 1538.0 | 1520.7 | 1492.1 | 1475.8 | 1464.6 | 1446.2 | 1422.7 | 1400.3 |
| 10°    | 1610.5 | 1587.0 | 1563.6 | 1552.3 | 1527.8 | 1492.1 | 1468.6 | 1450.3 | 1423.7 | 1392.1 | 1360.5 |
| 12.5°  | 1643.2 | 1594.2 | 1590.1 | 1567.6 | 1531.9 | 1491.1 | 1455.4 | 1428.8 | 1395.2 | 1358.4 | 1321.7 |
| 15°    | 1671.7 | 1621.7 | 1597.2 | 1576.8 | 1529.9 | 1478.9 | 1441.1 | 1408.4 | 1363.5 | 1321.7 | 1276.8 |
| 17.5°  | 1686.0 | 1631.9 | 1615.6 | 1581.9 | 1534.0 | 1467.6 | 1416.6 | 1376.8 | 1327.8 | 1277.8 | 1226.8 |
| 20°    | 1700.3 | 1637.0 | 1610.5 | 1587.0 | 1521.7 | 1446.2 | 1389.0 | 1343.1 | 1289.0 | 1229.8 | 1173.7 |
| 22.5°  | 1707.5 | 1637.0 | 1605.4 | 1572.7 | 1509.5 | 1422.7 | 1355.4 | 1301.3 | 1238.0 | 1177.8 | 1110.4 |
| 25°    | 1695.2 | 1630.9 | 1593.2 | 1559.5 | 1488.0 | 1394.1 | 1316.6 | 1255.3 | 1188.0 | 1119.6 | 1051.2 |
| 27.5°  | 1664.6 | 1616.6 | 1572.7 | 1538.0 | 1458.4 | 1357.4 | 1275.8 | 1206.4 | 1136.9 | 1060.4 | 991.0  |
| 30°    | 1607.4 | 1586.0 | 1551.3 | 1512.5 | 1425.8 | 1324.7 | 1227.8 | 1156.3 | 1079.8 | 1003.3 | 930.8  |
| 32.5°  | 1518.7 | 1537.0 | 1514.6 | 1480.9 | 1387.0 | 1279.8 | 1176.8 | 1104.3 | 1020.6 | 937.9  | 871.6  |
| 35°    | 1410.5 | 1475.8 | 1463.5 | 1440.1 | 1346.2 | 1231.9 | 1128.8 | 1041.0 | 957.3  | 873.6  | 807.3  |
| 37.5°  | 1292.1 | 1391.1 | 1401.3 | 1387.0 | 1299.2 | 1182.9 | 1069.6 | 983.9  | 898.1  | 813.4  | 746.1  |
| 40°    | 1129.8 | 1281.9 | 1314.5 | 1320.7 | 1250.2 | 1123.7 | 1005.3 | 921.6  | 836.9  | 754.2  | 672.6  |
| 42.5°  | 980.8  | 1172.7 | 1213.5 | 1239.0 | 1188.0 | 1065.5 | 946.1  | 853.2  | 769.5  | 695.0  | 613.4  |
| 45°    | 841.0  | 1041.0 | 1107.4 | 1140.0 | 1117.6 | 999.2  | 875.7  | 788.9  | 712.4  | 644.0  | 565.4  |
| 47.5°  | 697.1  | 898.1  | 991.0  | 1043.1 | 1043.1 | 931.8  | 808.3  | 722.6  | 649.1  | 590.9  | 521.5  |
| 50°    | 601.1  | 768.5  | 864.4  | 932.8  | 951.2  | 863.4  | 747.1  | 663.4  | 594.0  | 530.7  | 477.6  |
| 52.5°  | 512.3  | 662.4  | 742.0  | 813.4  | 866.5  | 789.9  | 678.7  | 603.2  | 534.8  | 475.6  | 433.8  |
| 55°    | 442.9  | 555.2  | 627.7  | 706.3  | 765.5  | 715.4  | 612.4  | 538.9  | 479.7  | 430.7  | 395.0  |
| 57.5°  | 376.6  | 474.6  | 533.8  | 603.2  | 666.5  | 628.7  | 546.0  | 482.7  | 430.7  | 387.8  | 356.2  |
| 60°    | 320.5  | 400.1  | 446.0  | 500.1  | 578.7  | 552.1  | 483.8  | 425.6  | 383.7  | 345.0  | 318.4  |
| 62.5°  | 272.5  | 335.8  | 374.6  | 413.3  | 484.8  | 472.5  | 419.5  | 374.6  | 338.8  | 306.2  | 283.7  |
| 65°    | 223.5  | 275.6  | 306.2  | 339.9  | 397.0  | 402.1  | 359.3  | 327.6  | 295.0  | 266.4  | 246.0  |
| 67.5°  | 180.6  | 221.5  | 249.0  | 277.6  | 323.5  | 337.8  | 308.2  | 281.7  | 254.1  | 230.7  | 212.3  |
| 70°    | 145.9  | 174.5  | 194.9  | 217.4  | 255.2  | 272.5  | 257.2  | 238.8  | 216.4  | 197.0  | 180.6  |
| 72.5°  | 115.3  | 133.7  | 145.9  | 163.3  | 193.9  | 211.3  | 210.2  | 193.9  | 177.6  | 164.3  | 151.0  |
| 75°    | 84.7   | 99.0   | 109.2  | 120.4  | 144.9  | 161.3  | 165.3  | 158.2  | 141.9  | 131.7  | 121.5  |
| 77.5°  | 64.3   | 72.5   | 77.6   | 85.7   | 103.1  | 117.4  | 123.5  | 121.5  | 110.2  | 102.1  | 94.9   |
| 80°    | 49.0   | 51.0   | 53.1   | 56.1   | 70.4   | 83.7   | 87.8   | 86.8   | 80.6   | 77.6   | 69.4   |
| 82.5°  | 34.7   | 35.7   | 36.7   | 37.8   | 42.9   | 54.1   | 58.2   | 60.2   | 55.1   | 52.1   | 44.9   |
| 85°    | 20.4   | 21.4   | 21.4   | 23.5   | 24.5   | 27.6   | 34.7   | 34.7   | 33.7   | 29.6   | 28.6   |
| 87.5°  | 10.2   | 10.2   | 9.2    | 9.2    | 10.2   | 11.2   | 13.3   | 15.3   | 13.3   | 12.2   | 11.2   |
| 90°    | 7.1    | 5.3    | 4.8    | 4.2    | 3.5    | 2.8    | 1.4    | 0.4    | 1.4    | 2.8    | 3.5    |
| 92.5°  | 28.3   | 18.7   | 16.8   | 14.8   | 12.0   | 10.2   | 7.4    | 5.3    | 7.4    | 10.2   | 12.0   |
| 95°    | 50.9   | 34.6   | 30.4   | 26.2   | 20.5   | 17.3   | 13.8   | 12.4   | 13.8   | 17.3   | 20.5   |
| 97.5°  | 65.7   | 44.9   | 40.1   | 35.3   | 29.0   | 24.4   | 20.5   | 18.4   | 20.5   | 24.4   | 29.0   |
| 100°   | 72.8   | 54.1   | 49.2   | 44.2   | 37.1   | 31.5   | 28.3   | 27.2   | 28.3   | 31.5   | 37.1   |
| 102.5° | 79.2   | 62.2   | 57.2   | 52.3   | 44.9   | 39.2   | 36.0   | 35.3   | 36.0   | 39.2   | 44.9   |
| 105°   | 86.6   | 70.0   | 65.0   | 60.1   | 52.3   | 47.0   | 44.5   | 43.1   | 44.5   | 47.0   | 52.3   |
| 107.5° | 94.0   | 77.8   | 72.8   | 67.9   | 60.1   | 55.1   | 52.7   | 51.6   | 52.7   | 55.1   | 60.1   |
| 110°   | 101.4  | 85.9   | 80.8   | 75.6   | 68.2   | 63.6   | 61.5   | 60.1   | 61.5   | 63.6   | 68.2   |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 108.5 | 93.7  | 88.4   | 83.1  | 76.0  | 71.7  | 69.3  | 67.9  | 69.3  | 71.7  | 76.0  |
| 115°   | 115.9 | 100.7 | 96.0   | 91.2  | 84.1  | 79.9  | 77.8  | 76.0  | 77.8  | 79.9  | 84.1  |
| 117.5° | 122.6 | 108.5 | 103.6  | 98.6  | 91.9  | 88.0  | 85.9  | 84.5  | 85.9  | 88.0  | 91.9  |
| 120°   | 129.7 | 115.9 | 111.0  | 106.0 | 99.0  | 95.8  | 93.7  | 92.2  | 93.7  | 95.8  | 99.0  |
| 122.5° | 136.4 | 123.7 | 118.6  | 113.4 | 106.4 | 102.8 | 100.7 | 99.7  | 100.7 | 102.8 | 106.4 |
| 125°   | 143.1 | 130.4 | 125.4  | 120.5 | 113.4 | 109.2 | 107.1 | 106.0 | 107.1 | 109.2 | 113.4 |
| 127.5° | 149.5 | 137.1 | 132.0  | 126.9 | 120.2 | 115.6 | 112.7 | 111.3 | 112.7 | 115.6 | 120.2 |
| 130°   | 155.1 | 142.8 | 137.9  | 132.9 | 125.8 | 120.9 | 117.3 | 115.9 | 117.3 | 120.9 | 125.8 |
| 132.5° | 160.1 | 148.4 | 143.4  | 138.5 | 131.1 | 125.8 | 121.9 | 120.2 | 121.9 | 125.8 | 131.1 |
| 135°   | 164.7 | 153.4 | 148.4  | 143.5 | 135.4 | 130.1 | 125.8 | 124.4 | 125.8 | 130.1 | 135.4 |
| 137.5° | 168.6 | 157.3 | 152.7  | 148.1 | 140.0 | 134.3 | 130.1 | 128.3 | 130.1 | 134.3 | 140.0 |
| 140°   | 171.8 | 161.2 | 156.6  | 152.0 | 144.2 | 138.5 | 134.3 | 132.9 | 134.3 | 138.5 | 144.2 |
| 142.5° | 174.2 | 164.0 | 159.8  | 155.5 | 148.1 | 142.4 | 138.5 | 137.5 | 138.5 | 142.4 | 148.1 |
| 145°   | 176.7 | 167.2 | 163.3  | 159.4 | 152.3 | 147.0 | 143.5 | 142.1 | 143.5 | 147.0 | 152.3 |
| 147.5° | 178.8 | 169.6 | 166.1  | 162.6 | 156.6 | 151.6 | 148.1 | 147.0 | 148.1 | 151.6 | 156.6 |
| 150°   | 180.2 | 172.1 | 169.0  | 165.8 | 160.5 | 155.9 | 153.0 | 152.0 | 153.0 | 155.9 | 160.5 |
| 152.5° | 181.7 | 174.6 | 171.8  | 168.9 | 164.0 | 160.1 | 157.3 | 156.9 | 157.3 | 160.1 | 164.0 |
| 155°   | 183.1 | 177.1 | 174.4  | 171.8 | 167.9 | 164.0 | 161.9 | 161.5 | 161.9 | 164.0 | 167.9 |
| 157.5° | 184.1 | 178.8 | 176.5  | 174.2 | 171.1 | 167.5 | 165.8 | 165.4 | 165.8 | 167.5 | 171.1 |
| 160°   | 184.8 | 180.6 | 178.6  | 176.7 | 173.9 | 171.1 | 169.6 | 169.3 | 169.6 | 171.1 | 173.9 |
| 162.5° | 185.2 | 181.7 | 180.2  | 178.8 | 176.4 | 174.2 | 172.8 | 173.2 | 172.8 | 174.2 | 176.4 |
| 165°   | 185.5 | 182.4 | 181.3  | 180.2 | 178.5 | 176.4 | 175.6 | 176.0 | 175.6 | 176.4 | 178.5 |
| 167.5° | 185.5 | 183.1 | 182.4  | 181.7 | 180.2 | 178.8 | 178.1 | 178.5 | 178.1 | 178.8 | 180.2 |
| 170°   | 185.2 | 183.4 | 182.9  | 182.4 | 181.7 | 180.6 | 180.2 | 180.9 | 180.2 | 180.6 | 181.7 |
| 172.5° | 184.8 | 183.8 | 183.4  | 183.1 | 182.7 | 181.7 | 182.0 | 182.4 | 182.0 | 181.7 | 182.7 |
| 175°   | 184.5 | 183.8 | 183.6  | 183.4 | 183.4 | 182.7 | 183.1 | 183.4 | 183.1 | 182.7 | 183.4 |
| 177.5° | 184.1 | 183.8 | 183.8  | 183.8 | 183.8 | 183.1 | 183.4 | 184.1 | 183.4 | 183.1 | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1452.3 | 1453.3 | 1456.4 | 1447.2 | 1432.9 | 1426.8 | 1408.4 | 1405.4 | 1402.3 | 1402.3 | 1405.4 |
| 5°     | 1419.7 | 1415.6 | 1416.6 | 1399.2 | 1378.8 | 1366.6 | 1341.1 | 1345.2 | 1331.9 | 1323.7 | 1325.8 |
| 7.5°   | 1383.9 | 1372.7 | 1371.7 | 1349.2 | 1323.7 | 1301.3 | 1274.7 | 1268.6 | 1256.4 | 1242.1 | 1235.9 |
| 10°    | 1339.0 | 1330.9 | 1315.6 | 1290.0 | 1257.4 | 1239.0 | 1203.3 | 1181.9 | 1178.8 | 1157.4 | 1149.2 |
| 12.5°  | 1293.1 | 1278.8 | 1263.5 | 1227.8 | 1191.0 | 1161.4 | 1134.9 | 1111.4 | 1095.1 | 1076.7 | 1064.5 |
| 15°    | 1240.0 | 1222.7 | 1205.3 | 1167.6 | 1124.7 | 1095.1 | 1055.3 | 1020.6 | 972.6  | 934.9  | 913.4  |
| 17.5°  | 1181.9 | 1162.5 | 1139.0 | 1097.1 | 1055.3 | 1014.5 | 941.0  | 900.2  | 866.5  | 844.0  | 830.8  |
| 20°    | 1121.6 | 1100.2 | 1076.7 | 1034.9 | 962.4  | 891.0  | 850.2  | 818.5  | 798.1  | 775.7  | 759.3  |
| 22.5°  | 1058.4 | 1035.9 | 1010.4 | 945.1  | 868.5  | 818.5  | 786.9  | 757.3  | 727.7  | 715.4  | 707.3  |
| 25°    | 999.2  | 978.8  | 946.1  | 857.3  | 797.1  | 751.2  | 715.4  | 696.0  | 680.7  | 664.4  | 649.1  |
| 27.5°  | 937.9  | 900.2  | 854.2  | 779.7  | 742.0  | 695.0  | 669.5  | 655.2  | 628.7  | 617.5  | 610.3  |
| 30°    | 864.4  | 822.6  | 778.7  | 725.6  | 681.8  | 649.1  | 625.6  | 602.2  | 586.8  | 575.6  | 563.4  |
| 32.5°  | 789.9  | 750.1  | 722.6  | 667.5  | 634.8  | 601.1  | 578.7  | 564.4  | 541.9  | 534.8  | 529.7  |
| 35°    | 725.6  | 692.0  | 667.5  | 622.6  | 591.9  | 561.3  | 545.0  | 523.6  | 509.3  | 496.0  | 487.8  |
| 37.5°  | 662.4  | 644.0  | 618.5  | 580.7  | 548.1  | 523.6  | 501.1  | 494.0  | 474.6  | 467.4  | 459.3  |
| 40°    | 618.5  | 590.9  | 569.5  | 536.8  | 509.3  | 482.7  | 468.5  | 452.1  | 438.9  | 427.6  | 424.6  |
| 42.5°  | 565.4  | 545.0  | 532.8  | 497.0  | 468.5  | 453.1  | 435.8  | 417.4  | 407.2  | 398.0  | 386.8  |
| 45°    | 525.6  | 507.2  | 489.9  | 461.3  | 435.8  | 416.4  | 401.1  | 388.8  | 371.5  | 367.4  | 350.1  |
| 47.5°  | 483.8  | 465.4  | 452.1  | 423.5  | 400.1  | 381.7  | 370.5  | 354.1  | 339.9  | 330.7  | 322.5  |
| 50°    | 441.9  | 426.6  | 414.4  | 389.9  | 369.5  | 350.1  | 334.8  | 318.4  | 312.3  | 297.0  | 291.9  |
| 52.5°  | 402.1  | 391.9  | 378.6  | 355.2  | 334.8  | 318.4  | 302.1  | 288.8  | 279.6  | 271.5  | 265.4  |
| 55°    | 368.4  | 352.1  | 346.0  | 320.5  | 303.1  | 285.8  | 271.5  | 263.3  | 252.1  | 247.0  | 241.9  |
| 57.5°  | 330.7  | 321.5  | 311.3  | 291.9  | 272.5  | 256.2  | 246.0  | 233.7  | 227.6  | 221.5  | 217.4  |
| 60°    | 298.0  | 284.7  | 276.6  | 260.3  | 242.9  | 227.6  | 218.4  | 209.2  | 201.1  | 196.0  | 187.8  |
| 62.5°  | 260.3  | 250.0  | 244.9  | 227.6  | 213.3  | 199.0  | 190.9  | 181.7  | 175.5  | 166.4  | 156.2  |
| 65°    | 227.6  | 219.4  | 213.3  | 199.0  | 185.7  | 172.5  | 164.3  | 153.1  | 144.9  | 139.8  | 138.8  |
| 67.5°  | 199.0  | 192.9  | 183.7  | 170.4  | 157.2  | 147.0  | 137.8  | 128.6  | 127.6  | 125.5  | 125.5  |
| 70°    | 167.4  | 161.3  | 156.2  | 141.9  | 130.6  | 119.4  | 117.4  | 114.3  | 111.2  | 110.2  | 108.2  |
| 72.5°  | 139.8  | 134.7  | 128.6  | 116.3  | 105.1  | 102.1  | 100.0  | 98.0   | 94.9   | 93.9   | 92.9   |
| 75°    | 113.3  | 106.1  | 102.1  | 90.8   | 87.8   | 85.7   | 83.7   | 80.6   | 78.6   | 77.6   | 75.5   |
| 77.5°  | 86.8   | 79.6   | 79.6   | 73.5   | 71.4   | 68.4   | 66.3   | 64.3   | 63.3   | 61.2   | 61.2   |
| 80°    | 61.2   | 61.2   | 59.2   | 56.1   | 53.1   | 52.1   | 49.0   | 48.0   | 46.9   | 48.0   | 45.9   |
| 82.5°  | 44.9   | 40.8   | 40.8   | 38.8   | 36.7   | 35.7   | 33.7   | 33.7   | 32.7   | 32.7   | 32.7   |
| 85°    | 25.5   | 25.5   | 24.5   | 22.5   | 21.4   | 21.4   | 20.4   | 20.4   | 19.4   | 19.4   | 18.4   |
| 87.5°  | 10.2   | 9.2    | 10.2   | 9.2    | 9.2    | 8.2    | 8.2    | 8.2    | 7.1    | 8.2    | 7.1    |
| 90°    | 4.2    | 4.8    | 5.3    | 7.1    | 9.5    | 11.7   | 12.0   | 11.7   | 11.3   | 10.6   | 11.3   |
| 92.5°  | 14.8   | 16.8   | 18.7   | 28.3   | 41.7   | 53.7   | 54.4   | 45.6   | 35.7   | 30.4   | 26.5   |
| 95°    | 26.2   | 30.4   | 34.6   | 50.9   | 81.6   | 122.6  | 138.5  | 121.2  | 92.6   | 71.0   | 56.2   |
| 97.5°  | 35.3   | 40.1   | 44.9   | 65.7   | 108.5  | 174.6  | 225.8  | 227.6  | 189.4  | 151.3  | 115.6  |
| 100°   | 44.2   | 49.2   | 54.1   | 72.8   | 115.9  | 192.3  | 279.2  | 330.1  | 322.7  | 278.8  | 230.4  |
| 102.5° | 52.3   | 57.2   | 62.2   | 79.2   | 116.3  | 185.5  | 281.0  | 368.3  | 410.0  | 408.5  | 376.4  |
| 105°   | 60.1   | 65.0   | 70.0   | 86.6   | 118.0  | 176.4  | 261.9  | 355.9  | 429.4  | 469.3  | 473.9  |
| 107.5° | 67.9   | 72.8   | 77.8   | 94.0   | 121.9  | 171.4  | 244.2  | 329.7  | 408.5  | 467.9  | 502.6  |
| 110°   | 75.6   | 80.8   | 85.9   | 101.4  | 126.9  | 170.0  | 232.2  | 305.4  | 379.9  | 443.2  | 488.4  |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 83.1  | 88.4   | 93.7  | 108.5 | 132.2 | 170.3 | 224.4 | 288.4 | 353.8 | 413.8 | 463.0 |
| 115°   | 91.2  | 96.0   | 100.7 | 115.9 | 137.5 | 171.8 | 219.1 | 275.0 | 333.3 | 387.7 | 434.0 |
| 117.5° | 98.6  | 103.6  | 108.5 | 122.6 | 143.1 | 173.9 | 216.3 | 265.8 | 316.3 | 365.1 | 408.2 |
| 120°   | 106.0 | 111.0  | 115.9 | 129.7 | 148.8 | 176.0 | 213.8 | 258.7 | 304.3 | 348.1 | 385.6 |
| 122.5° | 113.4 | 118.6  | 123.7 | 136.4 | 153.7 | 178.5 | 212.4 | 252.7 | 294.7 | 334.0 | 369.0 |
| 125°   | 120.5 | 125.4  | 130.4 | 143.1 | 159.0 | 180.9 | 210.6 | 247.0 | 285.6 | 322.0 | 353.1 |
| 127.5° | 126.9 | 132.0  | 137.1 | 149.5 | 164.0 | 183.4 | 209.6 | 241.7 | 276.4 | 309.9 | 339.6 |
| 130°   | 132.9 | 137.9  | 142.8 | 155.1 | 168.6 | 186.2 | 208.9 | 236.4 | 267.5 | 297.9 | 325.8 |
| 132.5° | 138.5 | 143.4  | 148.4 | 160.1 | 173.2 | 189.1 | 208.5 | 232.2 | 259.1 | 286.6 | 311.7 |
| 135°   | 143.5 | 148.4  | 153.4 | 164.7 | 177.1 | 191.2 | 208.2 | 228.3 | 251.3 | 274.6 | 297.9 |
| 137.5° | 148.1 | 152.7  | 157.3 | 168.6 | 180.2 | 193.3 | 208.2 | 225.5 | 244.9 | 265.1 | 284.1 |
| 140°   | 152.0 | 156.6  | 161.2 | 171.8 | 182.7 | 194.7 | 207.8 | 223.0 | 238.9 | 255.9 | 272.1 |
| 142.5° | 155.5 | 159.8  | 164.0 | 174.2 | 184.8 | 195.8 | 207.8 | 220.5 | 234.0 | 247.7 | 261.2 |
| 145°   | 159.4 | 163.3  | 167.2 | 176.7 | 186.6 | 196.5 | 207.1 | 218.4 | 229.4 | 241.0 | 252.0 |
| 147.5° | 162.6 | 166.1  | 169.6 | 178.8 | 187.7 | 196.9 | 206.0 | 216.3 | 225.8 | 235.4 | 244.2 |
| 150°   | 165.8 | 169.0  | 172.1 | 180.2 | 188.4 | 196.5 | 205.0 | 213.5 | 221.9 | 229.7 | 237.1 |
| 152.5° | 168.9 | 171.8  | 174.6 | 181.7 | 188.7 | 195.8 | 203.2 | 211.0 | 218.1 | 225.1 | 231.1 |
| 155°   | 171.8 | 174.4  | 177.1 | 183.1 | 189.1 | 195.1 | 201.1 | 207.8 | 214.5 | 220.2 | 225.5 |
| 157.5° | 174.2 | 176.5  | 178.8 | 184.1 | 189.1 | 193.7 | 199.0 | 205.0 | 210.3 | 215.2 | 219.8 |
| 160°   | 176.7 | 178.6  | 180.6 | 184.8 | 189.1 | 192.6 | 196.9 | 201.8 | 206.4 | 210.3 | 214.2 |
| 162.5° | 178.8 | 180.2  | 181.7 | 185.2 | 188.7 | 191.6 | 195.1 | 199.0 | 202.5 | 205.7 | 208.9 |
| 165°   | 180.2 | 181.3  | 182.4 | 185.5 | 188.0 | 190.1 | 192.6 | 195.8 | 198.6 | 201.1 | 203.6 |
| 167.5° | 181.7 | 182.4  | 183.1 | 185.5 | 187.7 | 188.7 | 190.5 | 192.6 | 194.7 | 196.9 | 198.6 |
| 170°   | 182.4 | 182.9  | 183.4 | 185.2 | 187.0 | 187.7 | 188.7 | 190.1 | 191.9 | 193.0 | 194.4 |
| 172.5° | 183.1 | 183.4  | 183.8 | 184.8 | 185.9 | 186.2 | 186.6 | 187.7 | 188.7 | 189.4 | 190.5 |
| 175°   | 183.4 | 183.6  | 183.8 | 184.5 | 185.2 | 184.8 | 185.2 | 185.5 | 186.6 | 187.0 | 187.3 |
| 177.5° | 183.8 | 183.8  | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 | 184.8 | 185.2 |
| 180°   | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1405.4 | 1403.3 | 1397.2 | 1399.2 | 1396.2 | 1396.2 | 1394.1 | 1394.1 | 1394.1 | 1399.2 | 1396.2 |
| 5°     | 1328.8 | 1321.7 | 1314.5 | 1311.5 | 1308.4 | 1305.3 | 1305.3 | 1304.3 | 1313.5 | 1311.5 | 1319.6 |
| 7.5°   | 1233.9 | 1231.9 | 1217.6 | 1217.6 | 1212.5 | 1210.4 | 1215.5 | 1216.6 | 1217.6 | 1219.6 | 1224.7 |
| 10°    | 1149.2 | 1144.1 | 1123.7 | 1125.7 | 1122.7 | 1118.6 | 1121.6 | 1119.6 | 1126.7 | 1128.8 | 1126.7 |
| 12.5°  | 1049.2 | 1040.0 | 1017.5 | 1006.3 | 994.1  | 984.9  | 996.1  | 987.9  | 1016.5 | 1024.7 | 1047.1 |
| 15°    | 916.5  | 899.1  | 883.8  | 883.8  | 872.6  | 864.4  | 869.6  | 878.7  | 884.9  | 894.0  | 898.1  |
| 17.5°  | 827.7  | 820.6  | 808.3  | 801.2  | 798.1  | 795.0  | 795.0  | 799.1  | 812.4  | 811.4  | 819.5  |
| 20°    | 752.2  | 748.1  | 742.0  | 732.8  | 729.7  | 727.7  | 727.7  | 727.7  | 736.9  | 745.0  | 750.1  |
| 22.5°  | 700.1  | 697.1  | 693.0  | 680.7  | 674.6  | 672.6  | 677.7  | 680.7  | 687.9  | 694.0  | 699.1  |
| 25°    | 648.1  | 640.9  | 633.8  | 629.7  | 626.6  | 626.6  | 628.7  | 629.7  | 632.8  | 635.8  | 642.0  |
| 27.5°  | 605.2  | 600.1  | 589.9  | 578.7  | 578.7  | 575.6  | 577.7  | 579.7  | 586.8  | 597.1  | 602.2  |
| 30°    | 557.2  | 556.2  | 552.1  | 548.1  | 544.0  | 541.9  | 546.0  | 549.1  | 550.1  | 555.2  | 555.2  |
| 32.5°  | 522.5  | 515.4  | 508.3  | 504.2  | 502.1  | 501.1  | 502.1  | 506.2  | 506.2  | 512.3  | 519.5  |
| 35°    | 487.8  | 483.8  | 476.6  | 469.5  | 467.4  | 462.3  | 466.4  | 470.5  | 477.6  | 480.7  | 483.8  |
| 37.5°  | 450.1  | 445.0  | 441.9  | 439.9  | 435.8  | 436.8  | 433.8  | 439.9  | 446.0  | 445.0  | 447.0  |
| 40°    | 421.5  | 412.3  | 403.1  | 402.1  | 401.1  | 400.1  | 400.1  | 401.1  | 405.2  | 409.3  | 415.4  |
| 42.5°  | 384.8  | 381.7  | 373.5  | 365.4  | 363.3  | 361.3  | 359.3  | 363.3  | 371.5  | 378.6  | 381.7  |
| 45°    | 347.0  | 342.9  | 340.9  | 334.8  | 330.7  | 329.7  | 327.6  | 332.7  | 339.9  | 342.9  | 345.0  |
| 47.5°  | 312.3  | 311.3  | 305.2  | 306.2  | 303.1  | 304.1  | 303.1  | 306.2  | 306.2  | 309.2  | 311.3  |
| 50°    | 288.8  | 285.8  | 282.7  | 280.7  | 277.6  | 277.6  | 276.6  | 277.6  | 281.7  | 285.8  | 284.7  |
| 52.5°  | 265.4  | 260.3  | 259.2  | 258.2  | 256.2  | 258.2  | 255.2  | 256.2  | 260.3  | 262.3  | 261.3  |
| 55°    | 237.8  | 236.8  | 234.7  | 232.7  | 231.7  | 230.7  | 230.7  | 230.7  | 234.7  | 237.8  | 238.8  |
| 57.5°  | 216.4  | 211.3  | 207.2  | 207.2  | 203.1  | 202.1  | 204.1  | 205.1  | 208.2  | 210.2  | 212.3  |
| 60°    | 186.8  | 184.7  | 178.6  | 175.5  | 169.4  | 168.4  | 168.4  | 172.5  | 177.6  | 184.7  | 186.8  |
| 62.5°  | 155.1  | 152.1  | 151.0  | 151.0  | 151.0  | 151.0  | 151.0  | 151.0  | 151.0  | 152.1  | 152.1  |
| 65°    | 137.8  | 138.8  | 137.8  | 136.8  | 137.8  | 137.8  | 136.8  | 136.8  | 136.8  | 137.8  | 138.8  |
| 67.5°  | 123.5  | 122.5  | 123.5  | 122.5  | 121.5  | 121.5  | 120.4  | 121.5  | 122.5  | 123.5  | 123.5  |
| 70°    | 107.2  | 107.2  | 106.1  | 107.2  | 106.1  | 105.1  | 104.1  | 104.1  | 106.1  | 107.2  | 107.2  |
| 72.5°  | 91.9   | 91.9   | 90.8   | 90.8   | 88.8   | 88.8   | 89.8   | 88.8   | 88.8   | 91.9   | 91.9   |
| 75°    | 76.5   | 75.5   | 74.5   | 74.5   | 73.5   | 73.5   | 73.5   | 72.5   | 74.5   | 74.5   | 75.5   |
| 77.5°  | 60.2   | 60.2   | 60.2   | 59.2   | 59.2   | 58.2   | 58.2   | 59.2   | 59.2   | 59.2   | 60.2   |
| 80°    | 45.9   | 45.9   | 45.9   | 44.9   | 43.9   | 43.9   | 43.9   | 43.9   | 43.9   | 44.9   | 43.9   |
| 82.5°  | 31.6   | 31.6   | 31.6   | 31.6   | 31.6   | 30.6   | 30.6   | 30.6   | 31.6   | 31.6   | 30.6   |
| 85°    | 19.4   | 18.4   | 19.4   | 19.4   | 18.4   | 19.4   | 18.4   | 18.4   | 17.4   | 17.4   | 18.4   |
| 87.5°  | 8.2    | 7.1    | 6.1    | 6.1    | 7.1    | 6.1    | 6.1    | 6.1    | 7.1    | 6.1    | 6.1    |
| 90°    | 11.5   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.5   |
| 92.5°  | 25.1   | 23.7   | 23.3   | 21.9   | 22.3   | 21.6   | 22.3   | 21.9   | 23.3   | 23.7   | 25.1   |
| 95°    | 52.3   | 48.4   | 43.8   | 41.0   | 39.9   | 40.3   | 39.9   | 41.0   | 43.8   | 48.4   | 52.3   |
| 97.5°  | 105.0  | 94.4   | 80.6   | 73.5   | 69.6   | 67.5   | 69.6   | 73.5   | 80.6   | 94.4   | 105.0  |
| 100°   | 209.0  | 187.7  | 158.3  | 143.1  | 132.9  | 126.5  | 132.9  | 143.1  | 158.3  | 187.7  | 209.0  |
| 102.5° | 353.4  | 330.4  | 297.9  | 269.3  | 255.9  | 246.7  | 255.9  | 269.3  | 297.9  | 330.4  | 353.4  |
| 105°   | 468.1  | 462.3  | 440.4  | 418.4  | 403.2  | 398.3  | 403.2  | 418.4  | 440.4  | 462.3  | 468.1  |
| 107.5° | 509.6  | 516.7  | 516.3  | 513.2  | 508.6  | 500.4  | 508.6  | 513.2  | 516.3  | 516.7  | 509.6  |
| 110°   | 502.9  | 517.4  | 532.6  | 539.3  | 542.5  | 542.1  | 542.5  | 539.3  | 532.6  | 517.4  | 502.9  |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 480.2  | 497.3 | 519.9 | 532.2 | 539.0 | 541.4 | 539.0 | 532.2 | 519.9 | 497.3 | 480.2  |
| 115°   | 452.2  | 470.4 | 495.5 | 511.7 | 520.9 | 524.1 | 520.9 | 511.7 | 495.5 | 470.4 | 452.2  |
| 117.5° | 425.5  | 442.8 | 468.6 | 485.9 | 495.5 | 498.0 | 495.5 | 485.9 | 468.6 | 442.8 | 425.5  |
| 120°   | 401.6  | 417.7 | 442.5 | 459.1 | 469.3 | 472.9 | 469.3 | 459.1 | 442.5 | 417.7 | 401.6  |
| 122.5° | 383.1  | 397.2 | 418.8 | 435.1 | 443.9 | 446.7 | 443.9 | 435.1 | 418.8 | 397.2 | 383.1  |
| 125°   | 366.4  | 379.6 | 400.1 | 413.5 | 422.3 | 425.2 | 422.3 | 413.5 | 400.1 | 379.6 | 366.4  |
| 127.5° | 352.0  | 364.4 | 382.4 | 395.1 | 402.9 | 405.0 | 402.9 | 395.1 | 382.4 | 364.4 | 352.0  |
| 130°   | 337.5  | 349.2 | 366.5 | 378.5 | 385.6 | 388.4 | 385.6 | 378.5 | 366.5 | 349.2 | 337.5  |
| 132.5° | 322.5  | 333.3 | 350.2 | 362.3 | 368.6 | 371.1 | 368.6 | 362.3 | 350.2 | 333.3 | 322.5  |
| 135°   | 307.8  | 317.7 | 332.9 | 344.6 | 350.9 | 352.4 | 350.9 | 344.6 | 332.9 | 317.7 | 307.8  |
| 137.5° | 293.0  | 301.8 | 316.3 | 326.6 | 332.2 | 334.3 | 332.2 | 326.6 | 316.3 | 301.8 | 293.0  |
| 140°   | 279.9  | 287.7 | 299.0 | 308.2 | 313.5 | 315.6 | 313.5 | 308.2 | 299.0 | 287.7 | 279.9  |
| 142.5° | 267.4  | 273.5 | 284.1 | 292.3 | 296.9 | 296.9 | 296.9 | 292.3 | 284.1 | 273.5 | 267.4  |
| 145°   | 257.1  | 262.2 | 270.7 | 276.7 | 280.3 | 281.3 | 280.3 | 276.7 | 270.7 | 262.2 | 257.1  |
| 147.5° | 248.1  | 252.0 | 259.4 | 264.4 | 266.8 | 267.5 | 266.8 | 264.4 | 259.4 | 252.0 | 248.1  |
| 150°   | 240.3  | 243.5 | 248.8 | 253.0 | 255.2 | 255.5 | 255.2 | 253.0 | 248.8 | 243.5 | 240.3  |
| 152.5° | 233.8  | 236.4 | 240.3 | 243.9 | 245.3 | 245.3 | 245.3 | 243.9 | 240.3 | 236.4 | 233.8  |
| 155°   | 227.4  | 229.4 | 233.3 | 235.7 | 237.1 | 236.4 | 237.1 | 235.7 | 233.3 | 229.4 | 227.4  |
| 157.5° | 221.4  | 223.0 | 225.8 | 228.0 | 228.7 | 228.7 | 228.7 | 228.0 | 225.8 | 223.0 | 221.4  |
| 160°   | 215.4  | 216.6 | 219.1 | 220.9 | 221.2 | 221.2 | 221.2 | 220.9 | 219.1 | 216.6 | 215.4  |
| 162.5° | 209.8  | 210.6 | 213.1 | 214.2 | 214.5 | 214.2 | 214.5 | 214.2 | 213.1 | 210.6 | 209.8  |
| 165°   | 204.3  | 205.0 | 206.4 | 207.8 | 207.8 | 207.5 | 207.8 | 207.8 | 206.4 | 205.0 | 204.3  |
| 167.5° | 199.3  | 200.0 | 200.7 | 201.4 | 201.4 | 201.1 | 201.4 | 201.4 | 200.7 | 200.0 | 199.3  |
| 170°   | 194.8  | 195.1 | 195.4 | 196.5 | 196.1 | 195.4 | 196.1 | 196.5 | 195.4 | 195.1 | 194.8  |
| 172.5° | 190.6  | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 190.6  |
| 175°   | 187.5  | 187.7 | 187.7 | 188.0 | 187.7 | 187.0 | 187.7 | 188.0 | 187.7 | 187.7 | 187.5  |
| 177.5° | 185.2  | 185.2 | 185.2 | 185.2 | 184.8 | 184.1 | 184.8 | 185.2 | 185.2 | 185.2 | 185.2  |
| 180°   | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8  |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1399.2 | 1404.3 | 1402.3 | 1391.1 | 1402.3 | 1405.4 | 1411.5 | 1417.6 | 1421.7 | 1427.8 | 1432.9 |
| 5°     | 1311.5 | 1321.7 | 1327.8 | 1321.7 | 1342.1 | 1345.2 | 1359.4 | 1367.6 | 1379.9 | 1390.1 | 1398.2 |
| 7.5°   | 1228.8 | 1237.0 | 1249.2 | 1251.3 | 1263.5 | 1277.8 | 1298.2 | 1318.6 | 1338.0 | 1348.2 | 1357.4 |
| 10°    | 1140.0 | 1154.3 | 1172.7 | 1168.6 | 1187.0 | 1209.4 | 1230.8 | 1263.5 | 1279.8 | 1298.2 | 1314.5 |
| 12.5°  | 1051.2 | 1060.4 | 1084.9 | 1093.1 | 1119.6 | 1136.9 | 1166.5 | 1187.0 | 1227.8 | 1249.2 | 1263.5 |
| 15°    | 896.1  | 933.8  | 964.5  | 1001.2 | 1035.9 | 1068.6 | 1095.1 | 1131.8 | 1167.6 | 1183.9 | 1207.4 |
| 17.5°  | 825.7  | 843.0  | 861.4  | 879.8  | 924.7  | 982.8  | 1029.8 | 1069.6 | 1100.2 | 1121.6 | 1149.2 |
| 20°    | 752.2  | 769.5  | 789.9  | 807.3  | 834.9  | 876.7  | 934.9  | 1003.3 | 1040.0 | 1062.4 | 1089.0 |
| 22.5°  | 700.1  | 716.5  | 729.7  | 745.0  | 766.5  | 797.1  | 841.0  | 925.7  | 974.7  | 1002.2 | 1025.7 |
| 25°    | 644.0  | 664.4  | 678.7  | 689.9  | 707.3  | 741.0  | 776.7  | 824.6  | 912.4  | 933.8  | 966.5  |
| 27.5°  | 605.2  | 611.3  | 627.7  | 645.0  | 662.4  | 680.7  | 717.5  | 758.3  | 817.5  | 864.4  | 904.3  |
| 30°    | 559.3  | 574.6  | 589.9  | 597.1  | 612.4  | 638.9  | 661.3  | 705.2  | 751.2  | 787.9  | 835.9  |
| 32.5°  | 524.6  | 533.8  | 544.0  | 561.3  | 575.6  | 594.0  | 616.4  | 653.2  | 692.0  | 715.4  | 752.2  |
| 35°    | 485.8  | 491.9  | 513.4  | 520.5  | 534.8  | 553.2  | 575.6  | 604.2  | 646.0  | 664.4  | 690.9  |
| 37.5°  | 449.1  | 463.4  | 469.5  | 485.8  | 499.1  | 517.4  | 533.8  | 566.4  | 594.0  | 615.4  | 639.9  |
| 40°    | 420.5  | 426.6  | 437.8  | 452.1  | 463.4  | 477.6  | 498.1  | 521.5  | 551.1  | 568.5  | 589.9  |
| 42.5°  | 385.8  | 390.9  | 405.2  | 413.3  | 431.7  | 445.0  | 457.2  | 485.8  | 512.3  | 525.6  | 547.0  |
| 45°    | 348.0  | 360.3  | 369.5  | 385.8  | 396.0  | 412.3  | 427.6  | 448.0  | 472.5  | 487.8  | 500.1  |
| 47.5°  | 315.4  | 327.6  | 336.8  | 352.1  | 368.4  | 375.6  | 391.9  | 413.3  | 435.8  | 448.0  | 465.4  |
| 50°    | 288.8  | 292.9  | 310.3  | 317.4  | 334.8  | 349.0  | 360.3  | 378.6  | 403.1  | 410.3  | 424.6  |
| 52.5°  | 263.3  | 266.4  | 277.6  | 286.8  | 302.1  | 314.3  | 328.6  | 346.0  | 366.4  | 377.6  | 388.8  |
| 55°    | 240.9  | 242.9  | 248.0  | 258.2  | 268.4  | 283.7  | 297.0  | 313.3  | 330.7  | 342.9  | 353.1  |
| 57.5°  | 215.3  | 219.4  | 223.5  | 229.6  | 239.8  | 254.1  | 268.4  | 283.7  | 298.0  | 306.2  | 319.4  |
| 60°    | 185.7  | 191.9  | 199.0  | 206.2  | 213.3  | 223.5  | 239.8  | 254.1  | 267.4  | 274.5  | 284.7  |
| 62.5°  | 154.1  | 166.4  | 172.5  | 180.6  | 186.8  | 196.0  | 208.2  | 224.5  | 233.7  | 242.9  | 251.1  |
| 65°    | 138.8  | 139.8  | 140.8  | 149.0  | 160.2  | 169.4  | 180.6  | 192.9  | 207.2  | 213.3  | 219.4  |
| 67.5°  | 123.5  | 124.5  | 126.6  | 127.6  | 131.7  | 141.9  | 154.1  | 167.4  | 178.6  | 182.7  | 188.8  |
| 70°    | 108.2  | 108.2  | 112.3  | 113.3  | 114.3  | 115.3  | 125.5  | 138.8  | 149.0  | 154.1  | 161.3  |
| 72.5°  | 91.9   | 92.9   | 94.9   | 95.9   | 98.0   | 100.0  | 103.1  | 110.2  | 122.5  | 127.6  | 135.7  |
| 75°    | 75.5   | 76.5   | 77.6   | 78.6   | 81.6   | 82.7   | 85.7   | 89.8   | 94.9   | 101.0  | 106.1  |
| 77.5°  | 60.2   | 60.2   | 61.2   | 63.3   | 65.3   | 66.3   | 69.4   | 71.4   | 73.5   | 76.5   | 80.6   |
| 80°    | 44.9   | 45.9   | 45.9   | 48.0   | 48.0   | 49.0   | 50.0   | 53.1   | 55.1   | 57.2   | 59.2   |
| 82.5°  | 30.6   | 32.7   | 32.7   | 32.7   | 33.7   | 34.7   | 35.7   | 35.7   | 37.8   | 38.8   | 41.8   |
| 85°    | 18.4   | 19.4   | 19.4   | 19.4   | 18.4   | 20.4   | 20.4   | 21.4   | 21.4   | 21.4   | 22.5   |
| 87.5°  | 7.1    | 6.1    | 7.1    | 7.1    | 7.1    | 8.2    | 7.1    | 7.1    | 8.2    | 9.2    | 9.2    |
| 90°    | 11.3   | 10.6   | 11.3   | 11.7   | 12.0   | 11.7   | 9.5    | 7.1    | 5.3    | 4.8    | 4.2    |
| 92.5°  | 26.5   | 30.4   | 35.7   | 45.6   | 54.4   | 53.7   | 41.7   | 28.3   | 18.7   | 16.8   | 14.8   |
| 95°    | 56.2   | 71.0   | 92.6   | 121.2  | 138.5  | 122.6  | 81.6   | 50.9   | 34.6   | 30.4   | 26.2   |
| 97.5°  | 115.6  | 151.3  | 189.4  | 227.6  | 225.8  | 174.6  | 108.5  | 65.7   | 44.9   | 40.1   | 35.3   |
| 100°   | 230.4  | 278.8  | 322.7  | 330.1  | 279.2  | 192.3  | 115.9  | 72.8   | 54.1   | 49.2   | 44.2   |
| 102.5° | 376.4  | 408.5  | 410.0  | 368.3  | 281.0  | 185.5  | 116.3  | 79.2   | 62.2   | 57.2   | 52.3   |
| 105°   | 473.9  | 469.3  | 429.4  | 355.9  | 261.9  | 176.4  | 118.0  | 86.6   | 70.0   | 65.0   | 60.1   |
| 107.5° | 502.6  | 467.9  | 408.5  | 329.7  | 244.2  | 171.4  | 121.9  | 94.0   | 77.8   | 72.8   | 67.9   |
| 110°   | 488.4  | 443.2  | 379.9  | 305.4  | 232.2  | 170.0  | 126.9  | 101.4  | 85.9   | 80.8   | 75.6   |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 463.0 | 413.8 | 353.8 | 288.4 | 224.4 | 170.3 | 132.2 | 108.5 | 93.7  | 88.4   | 83.1  |
| 115°   | 434.0 | 387.7 | 333.3 | 275.0 | 219.1 | 171.8 | 137.5 | 115.9 | 100.7 | 96.0   | 91.2  |
| 117.5° | 408.2 | 365.1 | 316.3 | 265.8 | 216.3 | 173.9 | 143.1 | 122.6 | 108.5 | 103.6  | 98.6  |
| 120°   | 385.6 | 348.1 | 304.3 | 258.7 | 213.8 | 176.0 | 148.8 | 129.7 | 115.9 | 111.0  | 106.0 |
| 122.5° | 369.0 | 334.0 | 294.7 | 252.7 | 212.4 | 178.5 | 153.7 | 136.4 | 123.7 | 118.6  | 113.4 |
| 125°   | 353.1 | 322.0 | 285.6 | 247.0 | 210.6 | 180.9 | 159.0 | 143.1 | 130.4 | 125.4  | 120.5 |
| 127.5° | 339.6 | 309.9 | 276.4 | 241.7 | 209.6 | 183.4 | 164.0 | 149.5 | 137.1 | 132.0  | 126.9 |
| 130°   | 325.8 | 297.9 | 267.5 | 236.4 | 208.9 | 186.2 | 168.6 | 155.1 | 142.8 | 137.9  | 132.9 |
| 132.5° | 311.7 | 286.6 | 259.1 | 232.2 | 208.5 | 189.1 | 173.2 | 160.1 | 148.4 | 143.4  | 138.5 |
| 135°   | 297.9 | 274.6 | 251.3 | 228.3 | 208.2 | 191.2 | 177.1 | 164.7 | 153.4 | 148.4  | 143.5 |
| 137.5° | 284.1 | 265.1 | 244.9 | 225.5 | 208.2 | 193.3 | 180.2 | 168.6 | 157.3 | 152.7  | 148.1 |
| 140°   | 272.1 | 255.9 | 238.9 | 223.0 | 207.8 | 194.7 | 182.7 | 171.8 | 161.2 | 156.6  | 152.0 |
| 142.5° | 261.2 | 247.7 | 234.0 | 220.5 | 207.8 | 195.8 | 184.8 | 174.2 | 164.0 | 159.8  | 155.5 |
| 145°   | 252.0 | 241.0 | 229.4 | 218.4 | 207.1 | 196.5 | 186.6 | 176.7 | 167.2 | 163.3  | 159.4 |
| 147.5° | 244.2 | 235.4 | 225.8 | 216.3 | 206.0 | 196.9 | 187.7 | 178.8 | 169.6 | 166.1  | 162.6 |
| 150°   | 237.1 | 229.7 | 221.9 | 213.5 | 205.0 | 196.5 | 188.4 | 180.2 | 172.1 | 169.0  | 165.8 |
| 152.5° | 231.1 | 225.1 | 218.1 | 211.0 | 203.2 | 195.8 | 188.7 | 181.7 | 174.6 | 171.8  | 168.9 |
| 155°   | 225.5 | 220.2 | 214.5 | 207.8 | 201.1 | 195.1 | 189.1 | 183.1 | 177.1 | 174.4  | 171.8 |
| 157.5° | 219.8 | 215.2 | 210.3 | 205.0 | 199.0 | 193.7 | 189.1 | 184.1 | 178.8 | 176.5  | 174.2 |
| 160°   | 214.2 | 210.3 | 206.4 | 201.8 | 196.9 | 192.6 | 189.1 | 184.8 | 180.6 | 178.6  | 176.7 |
| 162.5° | 208.9 | 205.7 | 202.5 | 199.0 | 195.1 | 191.6 | 188.7 | 185.2 | 181.7 | 180.2  | 178.8 |
| 165°   | 203.6 | 201.1 | 198.6 | 195.8 | 192.6 | 190.1 | 188.0 | 185.5 | 182.4 | 181.3  | 180.2 |
| 167.5° | 198.6 | 196.9 | 194.7 | 192.6 | 190.5 | 188.7 | 187.7 | 185.5 | 183.1 | 182.4  | 181.7 |
| 170°   | 194.4 | 193.0 | 191.9 | 190.1 | 188.7 | 187.7 | 187.0 | 185.2 | 183.4 | 182.9  | 182.4 |
| 172.5° | 190.5 | 189.4 | 188.7 | 187.7 | 186.6 | 186.2 | 185.9 | 184.8 | 183.8 | 183.4  | 183.1 |
| 175°   | 187.3 | 187.0 | 186.6 | 185.5 | 185.2 | 184.8 | 185.2 | 184.5 | 183.8 | 183.6  | 183.4 |
| 177.5° | 185.2 | 184.8 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 | 183.8  | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8  | 183.8 |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1468.6 | 1468.6 | 1468.6 | 1468.6 |
| 2.5°   | 1442.1 | 1439.0 | 1457.4 | 1477.8 |
| 5°     | 1412.5 | 1417.6 | 1441.1 | 1469.7 |
| 7.5°   | 1381.9 | 1393.1 | 1420.7 | 1458.4 |
| 10°    | 1339.0 | 1359.4 | 1401.3 | 1440.1 |
| 12.5°  | 1297.2 | 1324.7 | 1364.5 | 1410.5 |
| 15°    | 1250.2 | 1280.9 | 1329.8 | 1385.0 |
| 17.5°  | 1198.2 | 1232.9 | 1290.0 | 1350.3 |
| 20°    | 1143.1 | 1189.0 | 1249.2 | 1314.5 |
| 22.5°  | 1081.8 | 1136.9 | 1199.2 | 1271.7 |
| 25°    | 1022.6 | 1082.9 | 1145.1 | 1228.8 |
| 27.5°  | 964.5  | 1023.7 | 1093.1 | 1177.8 |
| 30°    | 906.3  | 960.4  | 1034.9 | 1125.7 |
| 32.5°  | 844.0  | 900.2  | 978.8  | 1071.6 |
| 35°    | 786.9  | 843.0  | 916.5  | 1008.4 |
| 37.5°  | 725.6  | 785.9  | 856.3  | 951.2  |
| 40°    | 654.2  | 724.6  | 793.0  | 883.8  |
| 42.5°  | 595.0  | 669.5  | 735.9  | 821.6  |
| 45°    | 548.1  | 618.5  | 673.6  | 757.3  |
| 47.5°  | 504.2  | 561.3  | 617.5  | 695.0  |
| 50°    | 462.3  | 506.2  | 564.4  | 633.8  |
| 52.5°  | 419.5  | 457.2  | 507.2  | 572.6  |
| 55°    | 380.7  | 416.4  | 461.3  | 511.3  |
| 57.5°  | 345.0  | 370.5  | 415.4  | 460.3  |
| 60°    | 305.2  | 331.7  | 366.4  | 404.2  |
| 62.5°  | 271.5  | 291.9  | 324.6  | 356.2  |
| 65°    | 235.8  | 255.2  | 279.6  | 309.2  |
| 67.5°  | 203.1  | 220.4  | 239.8  | 263.3  |
| 70°    | 173.5  | 186.8  | 201.1  | 221.5  |
| 72.5°  | 141.9  | 156.2  | 169.4  | 185.7  |
| 75°    | 116.3  | 122.5  | 133.7  | 144.9  |
| 77.5°  | 89.8   | 98.0   | 104.1  | 113.3  |
| 80°    | 64.3   | 71.4   | 73.5   | 80.6   |
| 82.5°  | 42.9   | 46.9   | 51.0   | 53.1   |
| 85°    | 24.5   | 26.5   | 30.6   | 31.6   |
| 87.5°  | 9.2    | 10.2   | 12.2   | 14.3   |
| 90°    | 3.5    | 2.8    | 1.4    | 0.4    |
| 92.5°  | 12.0   | 10.2   | 7.4    | 5.3    |
| 95°    | 20.5   | 17.3   | 13.8   | 12.4   |
| 97.5°  | 29.0   | 24.4   | 20.5   | 18.4   |
| 100°   | 37.1   | 31.5   | 28.3   | 27.2   |
| 102.5° | 44.9   | 39.2   | 36.0   | 35.3   |
| 105°   | 52.3   | 47.0   | 44.5   | 43.1   |
| 107.5° | 60.1   | 55.1   | 52.7   | 51.6   |
| 110°   | 68.2   | 63.6   | 61.5   | 60.1   |

TEST NUMBER: P999931

CATALOG NUMBER: SA2XXRDIP-B675D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 76.0  | 71.7  | 69.3  | 67.9  |
| 115°   | 84.1  | 79.9  | 77.8  | 76.0  |
| 117.5° | 91.9  | 88.0  | 85.9  | 84.5  |
| 120°   | 99.0  | 95.8  | 93.7  | 92.2  |
| 122.5° | 106.4 | 102.8 | 100.7 | 99.7  |
| 125°   | 113.4 | 109.2 | 107.1 | 106.0 |
| 127.5° | 120.2 | 115.6 | 112.7 | 111.3 |
| 130°   | 125.8 | 120.9 | 117.3 | 115.9 |
| 132.5° | 131.1 | 125.8 | 121.9 | 120.2 |
| 135°   | 135.4 | 130.1 | 125.8 | 124.4 |
| 137.5° | 140.0 | 134.3 | 130.1 | 128.3 |
| 140°   | 144.2 | 138.5 | 134.3 | 132.9 |
| 142.5° | 148.1 | 142.4 | 138.5 | 137.5 |
| 145°   | 152.3 | 147.0 | 143.5 | 142.1 |
| 147.5° | 156.6 | 151.6 | 148.1 | 147.0 |
| 150°   | 160.5 | 155.9 | 153.0 | 152.0 |
| 152.5° | 164.0 | 160.1 | 157.3 | 156.9 |
| 155°   | 167.9 | 164.0 | 161.9 | 161.5 |
| 157.5° | 171.1 | 167.5 | 165.8 | 165.4 |
| 160°   | 173.9 | 171.1 | 169.6 | 169.3 |
| 162.5° | 176.4 | 174.2 | 172.8 | 173.2 |
| 165°   | 178.5 | 176.4 | 175.6 | 176.0 |
| 167.5° | 180.2 | 178.8 | 178.1 | 178.5 |
| 170°   | 181.7 | 180.6 | 180.2 | 180.9 |
| 172.5° | 182.7 | 181.7 | 182.0 | 182.4 |
| 175°   | 183.4 | 182.7 | 183.1 | 183.4 |
| 177.5° | 183.8 | 183.1 | 183.4 | 184.1 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 |

(END OF REPORT)