

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: P1008464

Luminaire Tested: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1008464  
REPORT IS A COMBINATION OF REPORTS P988504 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K  
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

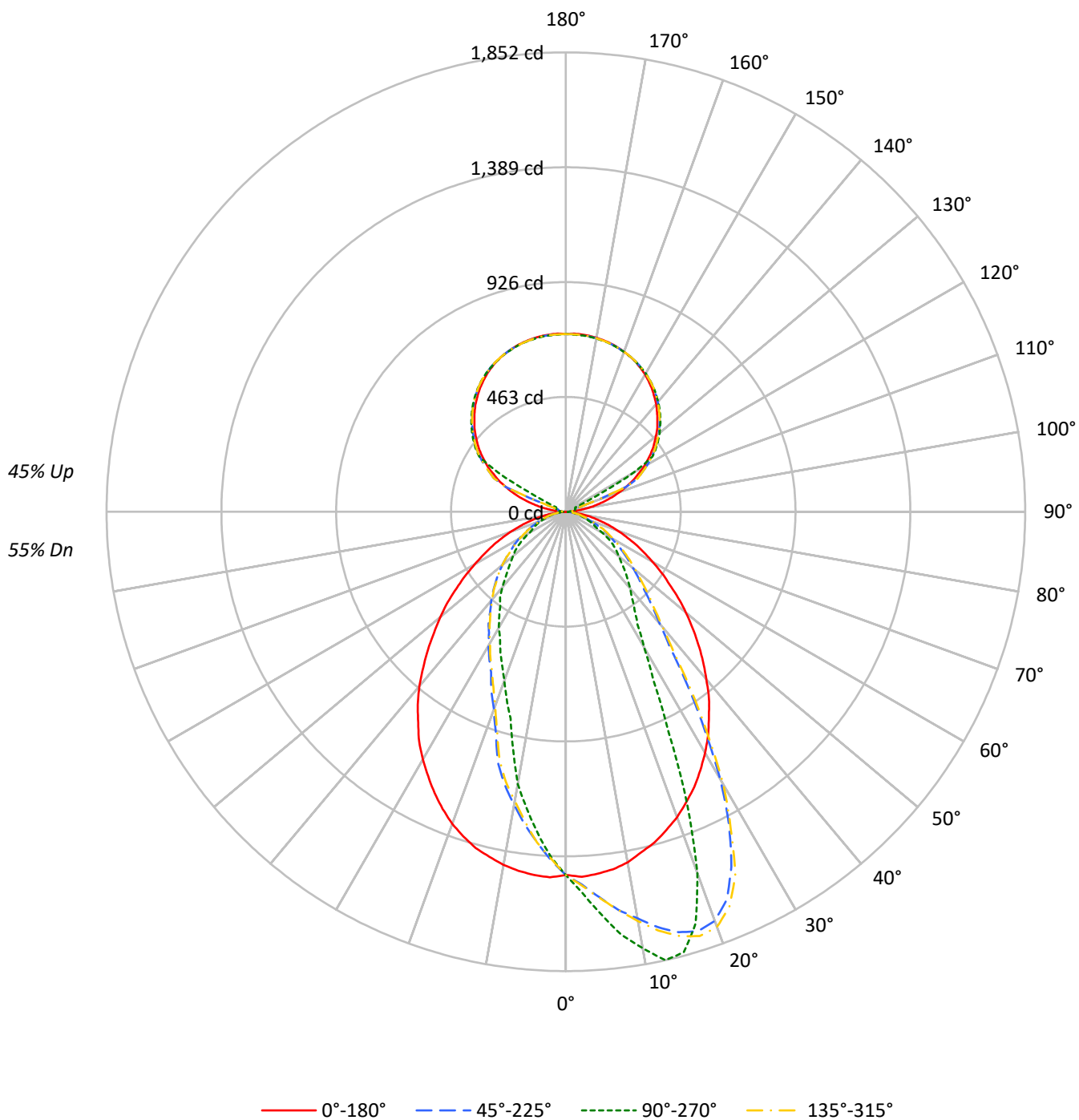
Lumens per Lamp: N/A  
Luminaire Lumens: 4632.0 lumens  
Efficiency: N/A  
Efficacy: 90.3 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 51.3  
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: 24 FT

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1008464

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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 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 |    |    | 55 |
| 1   | 100 | 96  | 92  | 89  | 92  | 89  | 86  | 83  | 77 | 74 | 72 | 65 | 64 | 62 | 55 | 54 | 53 |    |    | 48 |
| 2   | 91  | 85  | 79  | 74  | 85  | 79  | 74  | 70  | 68 | 65 | 61 | 58 | 56 | 53 | 49 | 47 | 46 |    |    | 41 |
| 3   | 84  | 75  | 68  | 63  | 78  | 70  | 64  | 59  | 61 | 56 | 53 | 52 | 49 | 46 | 44 | 42 | 40 |    |    | 36 |
| 4   | 77  | 67  | 60  | 54  | 72  | 63  | 56  | 51  | 55 | 50 | 46 | 47 | 44 | 41 | 40 | 38 | 35 |    |    | 32 |
| 5   | 72  | 60  | 53  | 47  | 66  | 57  | 50  | 45  | 50 | 44 | 40 | 43 | 39 | 36 | 37 | 34 | 31 |    |    | 28 |
| 6   | 66  | 55  | 47  | 41  | 62  | 51  | 45  | 40  | 45 | 40 | 36 | 39 | 35 | 32 | 34 | 31 | 28 |    |    | 26 |
| 7   | 62  | 50  | 42  | 37  | 57  | 47  | 40  | 35  | 41 | 36 | 32 | 36 | 32 | 29 | 31 | 28 | 26 |    |    | 23 |
| 8   | 57  | 46  | 38  | 33  | 53  | 43  | 36  | 32  | 38 | 33 | 29 | 33 | 29 | 26 | 29 | 26 | 23 |    |    | 21 |
| 9   | 54  | 42  | 35  | 30  | 50  | 40  | 33  | 29  | 35 | 30 | 26 | 31 | 27 | 24 | 27 | 24 | 21 |    |    | 19 |
| 10  | 50  | 39  | 32  | 27  | 47  | 37  | 30  | 26  | 33 | 27 | 24 | 29 | 25 | 22 | 25 | 22 | 20 |    |    | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 23174 | 23174 | 23174 | 23174 |
| 5°  | 23228 | 24614 | 23309 | 19664 |
| 10° | 22972 | 26017 | 23135 | 16239 |
| 15° | 22474 | 26025 | 22855 | 12199 |
| 20° | 21875 | 21513 | 22351 | 10065 |
| 25° | 21147 | 13443 | 21605 | 8562  |
| 30° | 20220 | 8607  | 20769 | 7371  |
| 35° | 19090 | 6615  | 19708 | 6308  |
| 40° | 17833 | 5560  | 18594 | 5517  |
| 45° | 16487 | 4732  | 17175 | 4632  |
| 50° | 15109 | 4020  | 15814 | 4006  |
| 55° | 13582 | 3495  | 14314 | 3448  |
| 60° | 12226 | 2664  | 12872 | 2633  |
| 65° | 10960 | 2006  | 11610 | 2274  |
| 70° | 9562  | 1601  | 10311 | 1854  |
| 75° | 8083  | 1227  | 8822  | 1403  |
| 80° | 6419  | 835   | 6906  | 919   |
| 85° | 4450  | 430   | 4887  | 454   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21199 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 138.9  | 3.0       |
| 10°-20°   | 387.6  | 8.4       |
| 20°-30°   | 498.8  | 10.8      |
| 30°-40°   | 473.3  | 10.2      |
| 40°-50°   | 405.6  | 8.8       |
| 50°-60°   | 308.9  | 6.7       |
| 60°-70°   | 194.8  | 4.2       |
| 70°-80°   | 97.2   | 2.1       |
| 80°-90°   | 26.2   | 0.6       |
| 90°-100°  | 23.6   | 0.5       |
| 100°-110° | 88.1   | 1.9       |
| 110°-120° | 233.6  | 5.0       |
| 120°-130° | 387.5  | 8.4       |
| 130°-140° | 411.6  | 8.9       |
| 140°-150° | 382.5  | 8.3       |
| 150°-160° | 307.5  | 6.6       |
| 160°-170° | 198.2  | 4.3       |
| 170°-180° | 68.2   | 1.5       |
| 0°-30°    | 1025.3 | 22.1      |
| 0°-40°    | 1498.6 | 32.4      |
| 0°-60°    | 2213.0 | 47.8      |
| 0°-90°    | 2531.3 | 54.6      |
| 90°-120°  | 345.3  | 7.5       |
| 90°-150°  | 1526.9 | 33.0      |
| 90°-180°  | 2101.0 | 45.4      |
| 0°-180°   | 4632.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1464 | 1464 | 1464 | 1464 | 1464 |      |
| 5°   | 1465 | 1629 | 1470 | 1301 | 1465 | 139  |
| 15°  | 1381 | 1838 | 1404 | 862  | 1381 | 388  |
| 25°  | 1225 | 981  | 1251 | 625  | 1225 | 562  |
| 35°  | 1005 | 483  | 1038 | 461  | 1005 | 629  |
| 45°  | 755  | 336  | 786  | 329  | 755  | 583  |
| 55°  | 510  | 233  | 537  | 230  | 510  | 459  |
| 65°  | 308  | 121  | 327  | 137  | 308  | 306  |
| 75°  | 144  | 64   | 158  | 73   | 144  | 156  |
| 85°  | 32   | 18   | 35   | 19   | 32   | 36   |
| 90°  | 0    | 14   | 0    | 14   | 0    | 4    |
| 95°  | 34   | 22   | 34   | 22   | 34   | 40   |
| 105° | 158  | 39   | 158  | 39   | 158  | 168  |
| 115° | 298  | 42   | 298  | 42   | 298  | 293  |
| 125° | 422  | 443  | 422  | 443  | 422  | 376  |
| 135° | 522  | 539  | 522  | 539  | 522  | 403  |
| 145° | 605  | 614  | 605  | 614  | 605  | 378  |
| 155° | 666  | 667  | 666  | 667  | 666  | 307  |
| 165° | 702  | 700  | 702  | 700  | 702  | 198  |
| 175° | 718  | 714  | 718  | 714  | 718  | 68   |
| 180° | 717  | 717  | 717  | 717  | 717  |      |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1473.2 | 1479.3 | 1482.3 | 1486.4 | 1495.6 | 1501.7 | 1510.8 | 1512.8 | 1511.8 | 1515.9 | 1504.7 |
| 5°     | 1465.0 | 1478.3 | 1490.5 | 1500.6 | 1516.9 | 1527.1 | 1538.3 | 1551.5 | 1554.6 | 1569.8 | 1560.7 |
| 7.5°   | 1453.8 | 1473.2 | 1490.5 | 1510.8 | 1535.2 | 1548.5 | 1565.8 | 1586.1 | 1595.3 | 1613.6 | 1618.7 |
| 10°    | 1435.5 | 1463.0 | 1492.5 | 1513.9 | 1547.4 | 1570.8 | 1587.1 | 1619.7 | 1641.0 | 1668.5 | 1664.4 |
| 12.5°  | 1406.0 | 1441.6 | 1481.3 | 1516.9 | 1560.7 | 1575.9 | 1606.4 | 1640.0 | 1667.5 | 1692.9 | 1715.3 |
| 15°    | 1380.6 | 1421.3 | 1465.0 | 1508.8 | 1558.6 | 1587.1 | 1617.6 | 1661.4 | 1690.9 | 1735.7 | 1755.0 |
| 17.5°  | 1346.0 | 1397.9 | 1449.8 | 1498.6 | 1557.6 | 1590.2 | 1627.8 | 1670.5 | 1714.3 | 1757.0 | 1772.3 |
| 20°    | 1310.4 | 1366.3 | 1422.3 | 1488.4 | 1555.6 | 1587.1 | 1625.8 | 1678.7 | 1721.4 | 1755.0 | 1755.0 |
| 22.5°  | 1267.7 | 1335.8 | 1399.9 | 1463.0 | 1536.2 | 1582.0 | 1621.7 | 1683.8 | 1714.3 | 1721.4 | 1693.9 |
| 25°    | 1224.9 | 1293.1 | 1363.3 | 1441.6 | 1525.1 | 1565.8 | 1610.5 | 1668.5 | 1678.7 | 1650.2 | 1579.0 |
| 27.5°  | 1174.1 | 1250.4 | 1329.7 | 1414.2 | 1501.7 | 1552.5 | 1593.2 | 1631.9 | 1612.6 | 1536.2 | 1425.4 |
| 30°    | 1122.2 | 1204.6 | 1294.1 | 1374.5 | 1480.3 | 1527.1 | 1561.7 | 1572.9 | 1511.8 | 1387.7 | 1244.3 |
| 32.5°  | 1068.3 | 1148.6 | 1243.2 | 1339.9 | 1446.7 | 1491.5 | 1513.9 | 1484.4 | 1372.5 | 1215.8 | 1040.8 |
| 35°    | 1005.2 | 1095.7 | 1194.4 | 1295.1 | 1400.9 | 1434.5 | 1447.7 | 1375.5 | 1232.1 | 1029.6 | 855.6  |
| 37.5°  | 948.2  | 1038.7 | 1144.6 | 1247.3 | 1350.1 | 1368.4 | 1355.2 | 1242.2 | 1060.1 | 859.7  | 689.8  |
| 40°    | 881.1  | 977.7  | 1081.5 | 1196.4 | 1280.9 | 1286.0 | 1253.4 | 1106.9 | 881.1  | 692.8  | 588.0  |
| 42.5°  | 819.0  | 916.7  | 1020.4 | 1137.4 | 1201.5 | 1184.2 | 1140.5 | 948.2  | 735.6  | 597.2  | 512.8  |
| 45°    | 754.9  | 847.5  | 959.4  | 1063.2 | 1108.9 | 1068.3 | 1002.1 | 797.6  | 617.6  | 513.8  | 448.7  |
| 47.5°  | 692.8  | 779.3  | 890.2  | 989.9  | 998.1  | 952.3  | 873.9  | 668.4  | 535.1  | 451.7  | 398.8  |
| 50°    | 631.8  | 718.3  | 822.0  | 904.5  | 896.3  | 833.2  | 744.7  | 580.9  | 464.9  | 398.8  | 355.1  |
| 52.5°  | 570.8  | 649.1  | 749.8  | 814.9  | 780.3  | 719.3  | 631.8  | 492.4  | 405.9  | 347.9  | 314.4  |
| 55°    | 509.7  | 583.0  | 669.4  | 723.4  | 668.4  | 598.2  | 536.2  | 422.2  | 352.0  | 305.2  | 279.8  |
| 57.5°  | 458.8  | 516.8  | 596.2  | 628.7  | 562.6  | 507.7  | 453.8  | 363.2  | 305.2  | 271.6  | 242.1  |
| 60°    | 402.9  | 455.8  | 520.9  | 540.2  | 472.1  | 427.3  | 381.5  | 307.2  | 261.5  | 232.0  | 212.6  |
| 62.5°  | 355.1  | 398.8  | 448.7  | 448.7  | 388.6  | 355.1  | 320.5  | 257.4  | 219.8  | 196.4  | 187.2  |
| 65°    | 308.3  | 339.8  | 375.4  | 371.3  | 320.5  | 291.0  | 263.5  | 212.6  | 184.1  | 167.9  | 158.7  |
| 67.5°  | 262.5  | 286.9  | 310.3  | 296.1  | 259.4  | 234.0  | 208.6  | 171.9  | 152.6  | 141.4  | 129.2  |
| 70°    | 220.8  | 240.1  | 252.3  | 239.1  | 202.5  | 181.1  | 162.8  | 138.4  | 123.1  | 108.9  | 101.7  |
| 72.5°  | 185.2  | 193.3  | 197.4  | 181.1  | 150.6  | 138.4  | 125.1  | 107.8  | 94.6   | 87.5   | 85.5   |
| 75°    | 144.5  | 151.6  | 148.5  | 136.3  | 110.9  | 101.7  | 91.6   | 79.4   | 76.3   | 72.2   | 70.2   |
| 77.5°  | 112.9  | 112.9  | 107.8  | 96.7   | 79.4   | 72.2   | 68.2   | 62.1   | 59.0   | 58.0   | 56.0   |
| 80°    | 80.4   | 79.4   | 76.3   | 64.1   | 53.9   | 49.9   | 49.9   | 45.8   | 44.8   | 42.7   | 42.7   |
| 82.5°  | 52.9   | 52.9   | 48.8   | 38.7   | 35.6   | 34.6   | 33.6   | 31.5   | 31.5   | 30.5   | 30.5   |
| 85°    | 31.5   | 29.5   | 24.4   | 21.4   | 20.3   | 20.3   | 19.3   | 18.3   | 19.3   | 18.3   | 18.3   |
| 87.5°  | 14.2   | 11.2   | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    |
| 90°    | 0.5    | 1.8    | 3.0    | 4.3    | 5.6    | 6.2    | 6.7    | 7.6    | 8.5    | 9.5    | 10.4   |
| 92.5°  | 13.0   | 12.5   | 12.1   | 11.6   | 11.1   | 10.9   | 11.1   | 11.4   | 11.7   | 12.1   | 12.4   |
| 95°    | 33.7   | 29.9   | 26.1   | 22.3   | 18.5   | 16.6   | 17.0   | 17.8   | 18.6   | 19.4   | 20.2   |
| 97.5°  | 60.7   | 51.2   | 41.8   | 32.3   | 22.8   | 18.1   | 19.0   | 20.9   | 22.7   | 24.6   | 26.4   |
| 100°   | 91.8   | 76.0   | 60.2   | 44.4   | 28.6   | 20.7   | 21.7   | 23.7   | 25.6   | 27.6   | 29.6   |
| 102.5° | 126.0  | 125.8  | 125.6  | 125.3  | 125.1  | 125.0  | 114.5  | 93.5   | 72.6   | 51.6   | 30.6   |
| 105°   | 157.6  | 161.1  | 164.5  | 168.0  | 171.5  | 173.2  | 157.5  | 126.0  | 94.5   | 63.1   | 31.6   |
| 107.5° | 194.4  | 197.3  | 200.2  | 203.1  | 206.0  | 207.4  | 188.0  | 149.2  | 110.3  | 71.5   | 32.7   |
| 110°   | 229.7  | 232.1  | 234.5  | 237.0  | 239.4  | 240.6  | 223.9  | 190.6  | 157.3  | 124.0  | 90.7   |

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CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 262.9 | 265.0 | 267.0 | 269.1 | 271.2 | 272.2 | 271.2 | 269.3 | 267.3 | 265.4 | 263.4 |
| 115°   | 298.1 | 300.1 | 302.1 | 304.0 | 306.0 | 307.0 | 308.4 | 311.3 | 314.2 | 317.0 | 319.9 |
| 117.5° | 328.7 | 331.0 | 333.3 | 335.6 | 337.9 | 339.1 | 340.1 | 342.0 | 344.0 | 345.9 | 347.9 |
| 120°   | 363.0 | 364.7 | 366.4 | 368.1 | 369.8 | 370.7 | 371.7 | 373.8 | 375.9 | 378.0 | 380.1 |
| 122.5° | 392.0 | 393.8 | 395.7 | 397.5 | 399.4 | 400.3 | 401.5 | 403.8 | 406.1 | 408.4 | 410.7 |
| 125°   | 421.5 | 423.0 | 424.5 | 426.0 | 427.5 | 428.3 | 429.4 | 431.6 | 433.7 | 435.9 | 438.1 |
| 127.5° | 448.5 | 450.1 | 451.7 | 453.4 | 455.0 | 455.8 | 456.7 | 458.4 | 460.1 | 461.8 | 463.5 |
| 130°   | 473.9 | 475.7 | 477.6 | 479.4 | 481.3 | 482.2 | 482.8 | 484.1 | 485.4 | 486.6 | 487.9 |
| 132.5° | 499.8 | 501.3 | 502.8 | 504.3 | 505.8 | 506.6 | 507.2 | 508.5 | 509.8 | 511.0 | 512.3 |
| 135°   | 521.6 | 523.4 | 525.3 | 527.1 | 529.0 | 529.9 | 530.4 | 531.5 | 532.5 | 533.6 | 534.6 |
| 137.5° | 544.4 | 545.8 | 547.2 | 548.6 | 550.0 | 550.7 | 551.3 | 552.4 | 553.5 | 554.7 | 555.8 |
| 140°   | 566.7 | 567.6 | 568.6 | 569.5 | 570.4 | 570.9 | 571.5 | 572.8 | 574.1 | 575.3 | 576.6 |
| 142.5° | 585.4 | 586.2 | 587.0 | 587.8 | 588.6 | 589.0 | 589.8 | 591.3 | 592.8 | 594.3 | 595.8 |
| 145°   | 605.1 | 605.0 | 604.9 | 604.8 | 604.7 | 604.6 | 605.6 | 607.5 | 609.5 | 611.4 | 613.4 |
| 147.5° | 622.2 | 621.8 | 621.5 | 621.1 | 620.8 | 620.6 | 621.6 | 623.6 | 625.5 | 627.5 | 629.5 |
| 150°   | 638.8 | 638.0 | 637.2 | 636.4 | 635.6 | 635.2 | 636.1 | 638.0 | 639.8 | 641.7 | 643.5 |
| 152.5° | 652.8 | 651.9 | 650.9 | 650.0 | 649.1 | 648.6 | 649.5 | 651.2 | 652.9 | 654.7 | 656.4 |
| 155°   | 666.3 | 665.3 | 664.2 | 663.2 | 662.1 | 661.6 | 662.3 | 663.7 | 665.0 | 666.4 | 667.8 |
| 157.5° | 677.2 | 676.3 | 675.3 | 674.4 | 673.5 | 673.0 | 673.5 | 674.6 | 675.6 | 676.7 | 677.7 |
| 160°   | 686.5 | 685.8 | 685.1 | 684.4 | 683.7 | 683.4 | 683.7 | 684.4 | 685.1 | 685.8 | 686.5 |
| 162.5° | 694.8 | 694.1 | 693.4 | 692.7 | 692.0 | 691.7 | 692.0 | 692.6 | 693.1 | 693.7 | 694.3 |
| 165°   | 702.1 | 701.4 | 700.7 | 700.0 | 699.3 | 698.9 | 699.1 | 699.4 | 699.8 | 700.1 | 700.5 |
| 167.5° | 707.8 | 707.1 | 706.4 | 705.7 | 705.0 | 704.6 | 704.8 | 705.1 | 705.5 | 705.8 | 706.2 |
| 170°   | 712.4 | 711.7 | 711.0 | 710.3 | 709.6 | 709.3 | 709.4 | 709.7 | 709.9 | 710.2 | 710.4 |
| 172.5° | 715.5 | 714.8 | 714.1 | 713.4 | 712.7 | 712.4 | 712.5 | 712.8 | 713.0 | 713.3 | 713.5 |
| 175°   | 718.1 | 717.3 | 716.5 | 715.7 | 714.9 | 714.5 | 714.6 | 714.8 | 715.1 | 715.3 | 715.5 |
| 177.5° | 719.2 | 718.4 | 717.6 | 716.7 | 715.9 | 715.5 | 715.6 | 715.7 | 715.8 | 716.0 | 716.1 |
| 180°   | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1515.9 | 1517.9 | 1521.0 | 1535.2 | 1537.3 | 1541.3 | 1539.3 | 1539.3 | 1540.3 | 1538.3 | 1539.3 |
| 5°     | 1581.0 | 1584.1 | 1599.3 | 1616.6 | 1620.7 | 1616.6 | 1621.7 | 1628.8 | 1628.8 | 1628.8 | 1626.8 |
| 7.5°   | 1642.1 | 1653.2 | 1670.5 | 1696.0 | 1701.1 | 1706.2 | 1715.3 | 1709.2 | 1711.2 | 1720.4 | 1717.3 |
| 10°    | 1701.1 | 1717.3 | 1736.7 | 1758.0 | 1769.2 | 1776.4 | 1780.4 | 1789.6 | 1810.9 | 1786.5 | 1795.7 |
| 12.5°  | 1757.0 | 1780.4 | 1800.8 | 1824.2 | 1832.3 | 1841.5 | 1844.5 | 1852.7 | 1852.7 | 1851.6 | 1858.8 |
| 15°    | 1793.6 | 1815.0 | 1833.3 | 1848.6 | 1850.6 | 1848.6 | 1846.6 | 1847.6 | 1850.6 | 1838.4 | 1845.5 |
| 17.5°  | 1801.8 | 1803.8 | 1809.9 | 1803.8 | 1804.8 | 1783.5 | 1771.3 | 1768.2 | 1739.7 | 1740.7 | 1764.1 |
| 20°    | 1762.1 | 1727.5 | 1718.4 | 1684.8 | 1664.4 | 1609.5 | 1607.5 | 1592.2 | 1532.2 | 1550.5 | 1546.4 |
| 22.5°  | 1653.2 | 1594.2 | 1515.9 | 1477.2 | 1457.9 | 1399.9 | 1355.2 | 1323.6 | 1302.3 | 1280.9 | 1271.7 |
| 25°    | 1509.8 | 1414.2 | 1303.3 | 1227.0 | 1215.8 | 1161.9 | 1079.4 | 1040.8 | 995.0  | 980.8  | 1005.2 |
| 27.5°  | 1324.6 | 1200.5 | 1075.4 | 958.4  | 937.0  | 888.2  | 846.5  | 819.0  | 766.1  | 763.0  | 765.1  |
| 30°    | 1073.3 | 948.2  | 843.4  | 767.1  | 714.2  | 691.8  | 664.4  | 644.0  | 622.6  | 630.8  | 632.8  |
| 32.5°  | 882.1  | 763.0  | 665.4  | 624.7  | 600.3  | 586.0  | 562.6  | 549.4  | 540.2  | 537.2  | 536.2  |
| 35°    | 701.0  | 621.6  | 577.9  | 538.2  | 524.0  | 513.8  | 496.5  | 490.4  | 482.2  | 483.3  | 483.3  |
| 37.5°  | 600.3  | 534.1  | 501.6  | 481.2  | 468.0  | 462.9  | 451.7  | 445.6  | 440.5  | 438.5  | 441.5  |
| 40°    | 517.8  | 472.1  | 451.7  | 433.4  | 422.2  | 420.2  | 414.1  | 407.0  | 400.8  | 401.9  | 404.9  |
| 42.5°  | 457.8  | 431.4  | 407.0  | 392.7  | 384.6  | 381.5  | 376.4  | 371.3  | 371.3  | 368.3  | 367.3  |
| 45°    | 410.0  | 388.6  | 368.3  | 355.1  | 350.0  | 345.9  | 339.8  | 338.8  | 334.7  | 335.7  | 336.8  |
| 47.5°  | 367.3  | 350.0  | 334.7  | 321.5  | 316.4  | 315.4  | 309.3  | 305.2  | 305.2  | 304.2  | 303.2  |
| 50°    | 328.6  | 311.3  | 298.1  | 291.0  | 283.9  | 281.8  | 280.8  | 279.8  | 277.7  | 277.7  | 278.8  |
| 52.5°  | 297.1  | 279.8  | 269.6  | 263.5  | 259.4  | 257.4  | 257.4  | 256.4  | 256.4  | 256.4  | 255.4  |
| 55°    | 262.5  | 248.2  | 240.1  | 238.1  | 236.0  | 235.0  | 234.0  | 232.0  | 230.9  | 233.0  | 230.9  |
| 57.5°  | 229.9  | 224.8  | 217.7  | 215.7  | 210.6  | 210.6  | 207.5  | 205.5  | 203.5  | 205.5  | 205.5  |
| 60°    | 204.5  | 197.4  | 193.3  | 187.2  | 183.1  | 179.1  | 174.0  | 173.0  | 170.9  | 169.9  | 168.9  |
| 62.5°  | 178.0  | 171.9  | 161.8  | 152.6  | 146.5  | 142.4  | 140.4  | 139.4  | 139.4  | 138.4  | 138.4  |
| 65°    | 148.5  | 134.3  | 129.2  | 126.2  | 125.1  | 124.1  | 122.1  | 121.1  | 122.1  | 121.1  | 122.1  |
| 67.5°  | 116.0  | 113.9  | 110.9  | 108.9  | 107.8  | 106.8  | 106.8  | 105.8  | 105.8  | 105.8  | 105.8  |
| 70°    | 100.7  | 95.6   | 94.6   | 92.6   | 92.6   | 91.6   | 91.6   | 91.6   | 91.6   | 90.5   | 92.6   |
| 72.5°  | 83.4   | 80.4   | 79.4   | 78.3   | 78.3   | 78.3   | 77.3   | 77.3   | 77.3   | 76.3   | 77.3   |
| 75°    | 68.2   | 67.1   | 65.1   | 65.1   | 64.1   | 65.1   | 64.1   | 64.1   | 63.1   | 64.1   | 64.1   |
| 77.5°  | 54.9   | 53.9   | 52.9   | 52.9   | 51.9   | 51.9   | 51.9   | 51.9   | 51.9   | 51.9   | 52.9   |
| 80°    | 41.7   | 40.7   | 39.7   | 40.7   | 39.7   | 40.7   | 39.7   | 39.7   | 40.7   | 39.7   | 39.7   |
| 82.5°  | 30.5   | 29.5   | 29.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   | 28.5   |
| 85°    | 18.3   | 17.3   | 17.3   | 18.3   | 17.3   | 18.3   | 17.3   | 17.3   | 17.3   | 18.3   | 18.3   |
| 87.5°  | 8.1    | 9.2    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 8.1    | 9.2    |
| 90°    | 11.0   | 11.6   | 12.1   | 12.7   | 13.0   | 13.1   | 13.3   | 13.6   | 13.8   | 14.0   | 13.8   |
| 92.5°  | 12.6   | 12.9   | 13.1   | 13.4   | 13.5   | 13.6   | 13.7   | 13.8   | 13.9   | 14.0   | 13.9   |
| 95°    | 20.8   | 21.4   | 21.9   | 22.5   | 22.8   | 22.7   | 22.6   | 22.5   | 22.4   | 22.3   | 22.4   |
| 97.5°  | 26.8   | 27.1   | 27.5   | 27.8   | 28.0   | 28.1   | 28.2   | 28.3   | 28.4   | 28.5   | 28.4   |
| 100°   | 30.5   | 31.4   | 32.3   | 33.2   | 33.7   | 33.8   | 34.0   | 34.3   | 34.5   | 34.7   | 34.5   |
| 102.5° | 31.9   | 33.1   | 34.4   | 35.7   | 36.3   | 36.5   | 36.8   | 37.2   | 37.5   | 37.9   | 37.5   |
| 105°   | 32.9   | 34.1   | 35.4   | 36.7   | 37.3   | 37.5   | 38.0   | 38.5   | 38.9   | 39.4   | 38.9   |
| 107.5° | 34.0   | 35.2   | 36.5   | 37.8   | 38.4   | 38.6   | 39.1   | 39.5   | 40.0   | 40.4   | 40.0   |
| 110°   | 79.2   | 67.7   | 56.2   | 44.7   | 38.9   | 39.1   | 39.6   | 40.1   | 40.5   | 41.0   | 40.5   |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.7 | 164.1 | 114.4 | 64.7  | 39.9  | 40.1  | 40.4  | 40.8  | 41.1  | 41.5  | 41.1  |
| 115°   | 266.5 | 213.2 | 159.8 | 106.5 | 79.8  | 75.7  | 67.4  | 59.1  | 50.8  | 42.5  | 50.8  |
| 117.5° | 331.4 | 315.0 | 298.5 | 282.0 | 273.8 | 258.7 | 228.5 | 198.3 | 168.1 | 137.9 | 168.1 |
| 120°   | 381.5 | 382.9 | 384.2 | 385.6 | 386.3 | 378.5 | 363.0 | 347.4 | 331.9 | 316.3 | 331.9 |
| 122.5° | 411.4 | 412.1 | 412.8 | 413.5 | 413.8 | 413.9 | 414.0 | 414.1 | 414.2 | 414.3 | 414.2 |
| 125°   | 438.9 | 439.7 | 440.6 | 441.4 | 441.8 | 442.0 | 442.3 | 442.6 | 443.0 | 443.3 | 443.0 |
| 127.5° | 464.7 | 465.8 | 467.0 | 468.1 | 468.7 | 468.8 | 468.9 | 469.0 | 469.1 | 469.2 | 469.1 |
| 130°   | 489.2 | 490.4 | 491.7 | 493.0 | 493.6 | 493.5 | 493.4 | 493.3 | 493.2 | 493.1 | 493.2 |
| 132.5° | 513.3 | 514.3 | 515.4 | 516.4 | 516.9 | 516.8 | 516.7 | 516.6 | 516.5 | 516.4 | 516.5 |
| 135°   | 535.8 | 536.9 | 538.1 | 539.2 | 539.8 | 539.7 | 539.4 | 539.2 | 538.9 | 538.7 | 538.9 |
| 137.5° | 557.0 | 558.1 | 559.3 | 560.4 | 561.0 | 560.8 | 560.5 | 560.2 | 559.8 | 559.5 | 559.8 |
| 140°   | 577.6 | 578.6 | 579.7 | 580.7 | 581.2 | 580.9 | 580.4 | 579.8 | 579.3 | 578.7 | 579.3 |
| 142.5° | 596.7 | 597.6 | 598.5 | 599.4 | 599.9 | 599.6 | 599.0 | 598.5 | 597.9 | 597.3 | 597.9 |
| 145°   | 614.2 | 615.0 | 615.8 | 616.6 | 617.0 | 616.7 | 616.1 | 615.6 | 615.0 | 614.4 | 615.0 |
| 147.5° | 630.1 | 630.7 | 631.2 | 631.8 | 632.1 | 631.9 | 631.4 | 630.9 | 630.5 | 630.0 | 630.5 |
| 150°   | 644.2 | 644.9 | 645.6 | 646.3 | 646.6 | 646.3 | 645.7 | 645.2 | 644.6 | 644.0 | 644.6 |
| 152.5° | 657.1 | 657.8 | 658.5 | 659.2 | 659.5 | 659.1 | 658.3 | 657.5 | 656.7 | 655.9 | 656.7 |
| 155°   | 668.5 | 669.2 | 669.9 | 670.6 | 670.9 | 670.4 | 669.5 | 668.6 | 667.7 | 666.8 | 667.7 |
| 157.5° | 678.5 | 679.3 | 680.1 | 680.9 | 681.3 | 680.8 | 679.9 | 679.0 | 678.1 | 677.2 | 678.1 |
| 160°   | 687.2 | 687.9 | 688.6 | 689.3 | 689.6 | 689.2 | 688.4 | 687.6 | 686.8 | 686.0 | 686.8 |
| 162.5° | 695.1 | 695.9 | 696.7 | 697.5 | 697.9 | 697.4 | 696.3 | 695.3 | 694.2 | 693.2 | 694.2 |
| 165°   | 701.3 | 702.1 | 702.9 | 703.7 | 704.1 | 703.7 | 702.9 | 702.1 | 701.3 | 700.5 | 701.3 |
| 167.5° | 707.0 | 707.8 | 708.6 | 709.4 | 709.8 | 709.3 | 708.3 | 707.2 | 706.2 | 705.2 | 706.2 |
| 170°   | 711.2 | 712.0 | 712.8 | 713.6 | 714.0 | 713.5 | 712.4 | 711.4 | 710.3 | 709.3 | 710.3 |
| 172.5° | 714.3 | 715.1 | 715.9 | 716.7 | 717.1 | 716.6 | 715.5 | 714.5 | 713.4 | 712.4 | 713.4 |
| 175°   | 716.3 | 717.1 | 718.0 | 718.8 | 719.2 | 718.6 | 717.5 | 716.3 | 715.2 | 714.0 | 715.2 |
| 177.5° | 716.9 | 717.7 | 718.5 | 719.3 | 719.7 | 719.2 | 718.1 | 717.1 | 716.0 | 715.0 | 716.0 |
| 180°   | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1543.4 | 1536.2 | 1534.2 | 1536.2 | 1534.2 | 1535.2 | 1528.1 | 1501.7 | 1508.8 | 1497.6 | 1503.7 |
| 5°     | 1630.9 | 1624.8 | 1611.5 | 1609.5 | 1607.5 | 1605.4 | 1595.3 | 1571.9 | 1562.7 | 1547.4 | 1546.4 |
| 7.5°   | 1714.3 | 1714.3 | 1704.1 | 1697.0 | 1687.8 | 1680.7 | 1667.5 | 1632.9 | 1618.7 | 1600.3 | 1590.2 |
| 10°    | 1796.7 | 1770.2 | 1781.4 | 1774.3 | 1751.9 | 1747.9 | 1723.4 | 1703.1 | 1675.6 | 1657.3 | 1641.0 |
| 12.5°  | 1855.7 | 1847.6 | 1837.4 | 1831.3 | 1825.2 | 1812.0 | 1795.7 | 1743.8 | 1729.6 | 1692.9 | 1674.6 |
| 15°    | 1853.7 | 1848.6 | 1851.6 | 1851.6 | 1849.6 | 1846.6 | 1833.3 | 1795.7 | 1771.3 | 1735.7 | 1704.1 |
| 17.5°  | 1754.0 | 1767.2 | 1780.4 | 1789.6 | 1809.9 | 1819.1 | 1831.3 | 1808.9 | 1793.6 | 1763.1 | 1729.6 |
| 20°    | 1580.0 | 1612.6 | 1651.2 | 1659.4 | 1677.7 | 1731.6 | 1756.0 | 1775.3 | 1781.4 | 1771.3 | 1743.8 |
| 22.5°  | 1337.9 | 1365.3 | 1458.9 | 1456.9 | 1483.3 | 1547.4 | 1618.7 | 1676.6 | 1722.4 | 1747.9 | 1737.7 |
| 25°    | 1047.9 | 1086.6 | 1136.4 | 1174.1 | 1260.5 | 1356.2 | 1444.7 | 1537.3 | 1616.6 | 1686.8 | 1704.1 |
| 27.5°  | 792.5  | 843.4  | 883.1  | 932.9  | 976.7  | 1089.6 | 1203.6 | 1348.0 | 1440.6 | 1573.9 | 1643.1 |
| 30°    | 641.0  | 664.4  | 704.0  | 727.4  | 748.8  | 835.3  | 964.5  | 1106.9 | 1269.7 | 1423.3 | 1542.4 |
| 32.5°  | 547.4  | 563.6  | 593.1  | 603.3  | 625.7  | 683.7  | 765.1  | 895.3  | 1063.2 | 1249.3 | 1406.0 |
| 35°    | 491.4  | 508.7  | 514.8  | 524.0  | 542.3  | 578.9  | 634.8  | 729.5  | 881.1  | 1063.2 | 1250.4 |
| 37.5°  | 443.6  | 452.7  | 470.0  | 476.1  | 482.2  | 509.7  | 547.4  | 613.5  | 714.2  | 863.8  | 1071.3 |
| 40°    | 410.0  | 415.1  | 424.2  | 429.3  | 433.4  | 452.7  | 486.3  | 531.1  | 605.3  | 719.3  | 910.6  |
| 42.5°  | 374.4  | 380.5  | 386.6  | 392.7  | 397.8  | 413.1  | 433.4  | 476.1  | 526.0  | 612.5  | 750.8  |
| 45°    | 339.8  | 343.9  | 351.0  | 355.1  | 362.2  | 374.4  | 392.7  | 422.2  | 467.0  | 521.9  | 633.8  |
| 47.5°  | 308.3  | 313.4  | 316.4  | 321.5  | 326.6  | 339.8  | 357.1  | 376.4  | 413.1  | 467.0  | 548.4  |
| 50°    | 279.8  | 285.9  | 290.0  | 291.0  | 295.0  | 307.2  | 321.5  | 342.9  | 366.3  | 408.0  | 479.2  |
| 52.5°  | 259.4  | 260.5  | 263.5  | 267.6  | 266.6  | 273.7  | 286.9  | 303.2  | 327.6  | 361.2  | 413.1  |
| 55°    | 236.0  | 239.1  | 241.1  | 242.1  | 242.1  | 248.2  | 255.4  | 270.6  | 290.0  | 317.4  | 361.2  |
| 57.5°  | 206.5  | 209.6  | 215.7  | 217.7  | 220.8  | 223.8  | 226.9  | 237.1  | 253.3  | 279.8  | 315.4  |
| 60°    | 176.0  | 178.0  | 184.1  | 188.2  | 190.3  | 198.4  | 202.5  | 210.6  | 219.8  | 239.1  | 272.7  |
| 62.5°  | 141.4  | 143.5  | 146.5  | 150.6  | 154.6  | 166.9  | 177.0  | 185.2  | 192.3  | 205.5  | 233.0  |
| 65°    | 123.1  | 124.1  | 126.2  | 127.2  | 128.2  | 133.3  | 142.4  | 153.6  | 166.9  | 177.0  | 193.3  |
| 67.5°  | 106.8  | 107.8  | 108.9  | 110.9  | 111.9  | 112.9  | 117.0  | 120.1  | 133.3  | 147.5  | 159.7  |
| 70°    | 91.6   | 93.6   | 94.6   | 94.6   | 95.6   | 97.7   | 99.7   | 103.8  | 107.8  | 115.0  | 130.2  |
| 72.5°  | 77.3   | 78.3   | 80.4   | 80.4   | 80.4   | 82.4   | 84.4   | 86.5   | 88.5   | 92.6   | 98.7   |
| 75°    | 64.1   | 66.1   | 66.1   | 66.1   | 67.1   | 67.1   | 69.2   | 71.2   | 73.3   | 76.3   | 78.3   |
| 77.5°  | 52.9   | 52.9   | 52.9   | 52.9   | 53.9   | 53.9   | 54.9   | 57.0   | 58.0   | 59.0   | 61.0   |
| 80°    | 39.7   | 40.7   | 40.7   | 40.7   | 41.7   | 41.7   | 41.7   | 43.7   | 44.8   | 44.8   | 46.8   |
| 82.5°  | 29.5   | 29.5   | 29.5   | 30.5   | 29.5   | 30.5   | 30.5   | 31.5   | 30.5   | 31.5   | 32.6   |
| 85°    | 18.3   | 18.3   | 18.3   | 19.3   | 19.3   | 19.3   | 19.3   | 19.3   | 19.3   | 19.3   | 20.3   |
| 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°    | 13.6   | 13.3   | 13.1   | 13.0   | 12.7   | 12.1   | 11.6   | 11.0   | 10.4   | 9.5    | 8.5    |
| 92.5°  | 13.8   | 13.7   | 13.6   | 13.5   | 13.4   | 13.1   | 12.9   | 12.6   | 12.4   | 12.1   | 11.7   |
| 95°    | 22.5   | 22.6   | 22.7   | 22.8   | 22.5   | 21.9   | 21.4   | 20.8   | 20.2   | 19.4   | 18.6   |
| 97.5°  | 28.3   | 28.2   | 28.1   | 28.0   | 27.8   | 27.5   | 27.1   | 26.8   | 26.4   | 24.6   | 22.7   |
| 100°   | 34.3   | 34.0   | 33.8   | 33.7   | 33.2   | 32.3   | 31.4   | 30.5   | 29.6   | 27.6   | 25.6   |
| 102.5° | 37.2   | 36.8   | 36.5   | 36.3   | 35.7   | 34.4   | 33.1   | 31.9   | 30.6   | 51.6   | 72.6   |
| 105°   | 38.5   | 38.0   | 37.5   | 37.3   | 36.7   | 35.4   | 34.1   | 32.9   | 31.6   | 63.1   | 94.5   |
| 107.5° | 39.5   | 39.1   | 38.6   | 38.4   | 37.8   | 36.5   | 35.2   | 34.0   | 32.7   | 71.5   | 110.3  |
| 110°   | 40.1   | 39.6   | 39.1   | 38.9   | 44.7   | 56.2   | 67.7   | 79.2   | 90.7   | 124.0  | 157.3  |



TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 40.8  | 40.4  | 40.1  | 39.9   | 64.7  | 114.4 | 164.1 | 213.7 | 263.4 | 265.4 | 267.3 |
| 115°   | 59.1  | 67.4  | 75.7  | 79.8   | 106.5 | 159.8 | 213.2 | 266.5 | 319.9 | 317.0 | 314.2 |
| 117.5° | 198.3 | 228.5 | 258.7 | 273.8  | 282.0 | 298.5 | 315.0 | 331.4 | 347.9 | 345.9 | 344.0 |
| 120°   | 347.4 | 363.0 | 378.5 | 386.3  | 385.6 | 384.2 | 382.9 | 381.5 | 380.1 | 378.0 | 375.9 |
| 122.5° | 414.1 | 414.0 | 413.9 | 413.8  | 413.5 | 412.8 | 412.1 | 411.4 | 410.7 | 408.4 | 406.1 |
| 125°   | 442.6 | 442.3 | 442.0 | 441.8  | 441.4 | 440.6 | 439.7 | 438.9 | 438.1 | 435.9 | 433.7 |
| 127.5° | 469.0 | 468.9 | 468.8 | 468.7  | 468.1 | 467.0 | 465.8 | 464.7 | 463.5 | 461.8 | 460.1 |
| 130°   | 493.3 | 493.4 | 493.5 | 493.6  | 493.0 | 491.7 | 490.4 | 489.2 | 487.9 | 486.6 | 485.4 |
| 132.5° | 516.6 | 516.7 | 516.8 | 516.9  | 516.4 | 515.4 | 514.3 | 513.3 | 512.3 | 511.0 | 509.8 |
| 135°   | 539.2 | 539.4 | 539.7 | 539.8  | 539.2 | 538.1 | 536.9 | 535.8 | 534.6 | 533.6 | 532.5 |
| 137.5° | 560.2 | 560.5 | 560.8 | 561.0  | 560.4 | 559.3 | 558.1 | 557.0 | 555.8 | 554.7 | 553.5 |
| 140°   | 579.8 | 580.4 | 580.9 | 581.2  | 580.7 | 579.7 | 578.6 | 577.6 | 576.6 | 575.3 | 574.1 |
| 142.5° | 598.5 | 599.0 | 599.6 | 599.9  | 599.4 | 598.5 | 597.6 | 596.7 | 595.8 | 594.3 | 592.8 |
| 145°   | 615.6 | 616.1 | 616.7 | 617.0  | 616.6 | 615.8 | 615.0 | 614.2 | 613.4 | 611.4 | 609.5 |
| 147.5° | 630.9 | 631.4 | 631.9 | 632.1  | 631.8 | 631.2 | 630.7 | 630.1 | 629.5 | 627.5 | 625.5 |
| 150°   | 645.2 | 645.7 | 646.3 | 646.6  | 646.3 | 645.6 | 644.9 | 644.2 | 643.5 | 641.7 | 639.8 |
| 152.5° | 657.5 | 658.3 | 659.1 | 659.5  | 659.2 | 658.5 | 657.8 | 657.1 | 656.4 | 654.7 | 652.9 |
| 155°   | 668.6 | 669.5 | 670.4 | 670.9  | 670.6 | 669.9 | 669.2 | 668.5 | 667.8 | 666.4 | 665.0 |
| 157.5° | 679.0 | 679.9 | 680.8 | 681.3  | 680.9 | 680.1 | 679.3 | 678.5 | 677.7 | 676.7 | 675.6 |
| 160°   | 687.6 | 688.4 | 689.2 | 689.6  | 689.3 | 688.6 | 687.9 | 687.2 | 686.5 | 685.8 | 685.1 |
| 162.5° | 695.3 | 696.3 | 697.4 | 697.9  | 697.5 | 696.7 | 695.9 | 695.1 | 694.3 | 693.7 | 693.1 |
| 165°   | 702.1 | 702.9 | 703.7 | 704.1  | 703.7 | 702.9 | 702.1 | 701.3 | 700.5 | 700.1 | 699.8 |
| 167.5° | 707.2 | 708.3 | 709.3 | 709.8  | 709.4 | 708.6 | 707.8 | 707.0 | 706.2 | 705.8 | 705.5 |
| 170°   | 711.4 | 712.4 | 713.5 | 714.0  | 713.6 | 712.8 | 712.0 | 711.2 | 710.4 | 710.2 | 709.9 |
| 172.5° | 714.5 | 715.5 | 716.6 | 717.1  | 716.7 | 715.9 | 715.1 | 714.3 | 713.5 | 713.3 | 713.0 |
| 175°   | 716.3 | 717.5 | 718.6 | 719.2  | 718.8 | 718.0 | 717.1 | 716.3 | 715.5 | 715.3 | 715.1 |
| 177.5° | 717.1 | 718.1 | 719.2 | 719.7  | 719.3 | 718.5 | 717.7 | 716.9 | 716.1 | 716.0 | 715.8 |
| 180°   | 716.6 | 716.6 | 716.6 | 716.6  | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1494.5 | 1489.4 | 1489.4 | 1486.4 | 1486.4 | 1470.1 | 1470.1 | 1475.2 | 1469.1 | 1462.0 | 1451.8 |
| 5°     | 1533.2 | 1522.0 | 1519.0 | 1514.9 | 1501.7 | 1481.3 | 1473.2 | 1470.1 | 1457.9 | 1442.7 | 1425.4 |
| 7.5°   | 1569.8 | 1551.5 | 1542.4 | 1533.2 | 1515.9 | 1487.4 | 1471.1 | 1459.9 | 1441.6 | 1418.2 | 1395.9 |
| 10°    | 1605.4 | 1582.0 | 1558.6 | 1547.4 | 1523.0 | 1487.4 | 1464.0 | 1445.7 | 1419.3 | 1387.7 | 1356.2 |
| 12.5°  | 1638.0 | 1589.2 | 1585.1 | 1562.7 | 1527.1 | 1486.4 | 1450.8 | 1424.3 | 1390.8 | 1354.1 | 1317.5 |
| 15°    | 1666.5 | 1616.6 | 1592.2 | 1571.9 | 1525.1 | 1474.2 | 1436.5 | 1404.0 | 1359.2 | 1317.5 | 1272.7 |
| 17.5°  | 1680.7 | 1626.8 | 1610.5 | 1576.9 | 1529.1 | 1463.0 | 1412.1 | 1372.5 | 1323.6 | 1273.8 | 1222.9 |
| 20°    | 1695.0 | 1631.9 | 1605.4 | 1582.0 | 1516.9 | 1441.6 | 1384.7 | 1338.9 | 1285.0 | 1225.9 | 1170.0 |
| 22.5°  | 1702.1 | 1631.9 | 1600.3 | 1567.8 | 1504.7 | 1418.2 | 1351.1 | 1297.2 | 1234.1 | 1174.1 | 1106.9 |
| 25°    | 1689.9 | 1625.8 | 1588.1 | 1554.6 | 1483.3 | 1389.7 | 1312.4 | 1251.4 | 1184.2 | 1116.1 | 1047.9 |
| 27.5°  | 1659.4 | 1611.5 | 1567.8 | 1533.2 | 1453.8 | 1353.1 | 1271.7 | 1202.5 | 1133.4 | 1057.1 | 987.9  |
| 30°    | 1602.4 | 1581.0 | 1546.4 | 1507.8 | 1421.3 | 1320.6 | 1223.9 | 1152.7 | 1076.4 | 1000.1 | 927.9  |
| 32.5°  | 1513.9 | 1532.2 | 1509.8 | 1476.2 | 1382.6 | 1275.8 | 1173.0 | 1100.8 | 1017.4 | 935.0  | 868.8  |
| 35°    | 1406.0 | 1471.1 | 1458.9 | 1435.5 | 1341.9 | 1228.0 | 1125.2 | 1037.7 | 954.3  | 870.9  | 804.8  |
| 37.5°  | 1288.0 | 1386.7 | 1396.9 | 1382.6 | 1295.1 | 1179.1 | 1066.2 | 980.8  | 895.3  | 810.9  | 743.7  |
| 40°    | 1126.2 | 1277.8 | 1310.4 | 1316.5 | 1246.3 | 1120.1 | 1002.1 | 918.7  | 834.3  | 751.8  | 670.5  |
| 42.5°  | 977.7  | 1169.0 | 1209.7 | 1235.1 | 1184.2 | 1062.1 | 943.1  | 850.5  | 767.1  | 692.8  | 611.4  |
| 45°    | 838.3  | 1037.7 | 1103.9 | 1136.4 | 1114.0 | 996.0  | 872.9  | 786.4  | 710.1  | 642.0  | 563.6  |
| 47.5°  | 694.9  | 895.3  | 987.9  | 1039.8 | 1039.8 | 928.9  | 805.8  | 720.3  | 647.1  | 589.1  | 519.9  |
| 50°    | 599.2  | 766.1  | 861.7  | 929.9  | 948.2  | 860.7  | 744.7  | 661.3  | 592.1  | 529.0  | 476.1  |
| 52.5°  | 510.7  | 660.3  | 739.6  | 810.9  | 863.8  | 787.5  | 676.6  | 601.3  | 533.1  | 474.1  | 432.4  |
| 55°    | 441.5  | 553.5  | 625.7  | 704.0  | 763.0  | 713.2  | 610.4  | 537.2  | 478.2  | 429.3  | 393.7  |
| 57.5°  | 375.4  | 473.1  | 532.1  | 601.3  | 664.4  | 626.7  | 544.3  | 481.2  | 429.3  | 386.6  | 355.1  |
| 60°    | 319.5  | 398.8  | 444.6  | 498.5  | 576.9  | 550.4  | 482.2  | 424.2  | 382.5  | 343.9  | 317.4  |
| 62.5°  | 271.6  | 334.7  | 373.4  | 412.0  | 483.3  | 471.0  | 418.1  | 373.4  | 337.8  | 305.2  | 282.8  |
| 65°    | 222.8  | 274.7  | 305.2  | 338.8  | 395.8  | 400.8  | 358.1  | 326.6  | 294.0  | 265.5  | 245.2  |
| 67.5°  | 180.1  | 220.8  | 248.2  | 276.7  | 322.5  | 336.8  | 307.2  | 280.8  | 253.3  | 229.9  | 211.6  |
| 70°    | 145.5  | 174.0  | 194.3  | 216.7  | 254.3  | 271.6  | 256.4  | 238.1  | 215.7  | 196.4  | 180.1  |
| 72.5°  | 115.0  | 133.3  | 145.5  | 162.8  | 193.3  | 210.6  | 209.6  | 193.3  | 177.0  | 163.8  | 150.6  |
| 75°    | 84.4   | 98.7   | 108.9  | 120.1  | 144.5  | 160.7  | 164.8  | 157.7  | 141.4  | 131.2  | 121.1  |
| 77.5°  | 64.1   | 72.2   | 77.3   | 85.5   | 102.8  | 117.0  | 123.1  | 121.1  | 109.9  | 101.7  | 94.6   |
| 80°    | 48.8   | 50.9   | 52.9   | 56.0   | 70.2   | 83.4   | 87.5   | 86.5   | 80.4   | 77.3   | 69.2   |
| 82.5°  | 34.6   | 35.6   | 36.6   | 37.6   | 42.7   | 53.9   | 58.0   | 60.0   | 54.9   | 51.9   | 44.8   |
| 85°    | 20.3   | 21.4   | 21.4   | 23.4   | 24.4   | 27.5   | 34.6   | 34.6   | 33.6   | 29.5   | 28.5   |
| 87.5°  | 10.2   | 10.2   | 9.2    | 9.2    | 10.2   | 11.2   | 13.2   | 15.3   | 13.2   | 12.2   | 11.2   |
| 90°    | 7.6    | 6.7    | 6.2    | 5.6    | 4.3    | 3.0    | 1.8    | 0.5    | 1.8    | 3.0    | 4.3    |
| 92.5°  | 11.4   | 11.1   | 10.9   | 11.1   | 11.6   | 12.1   | 12.5   | 13.0   | 12.5   | 12.1   | 11.6   |
| 95°    | 17.8   | 17.0   | 16.6   | 18.5   | 22.3   | 26.1   | 29.9   | 33.7   | 29.9   | 26.1   | 22.3   |
| 97.5°  | 20.9   | 19.0   | 18.1   | 22.8   | 32.3   | 41.8   | 51.2   | 60.7   | 51.2   | 41.8   | 32.3   |
| 100°   | 23.7   | 21.7   | 20.7   | 28.6   | 44.4   | 60.2   | 76.0   | 91.8   | 76.0   | 60.2   | 44.4   |
| 102.5° | 93.5   | 114.5  | 125.0  | 125.1  | 125.3  | 125.6  | 125.8  | 126.0  | 125.8  | 125.6  | 125.3  |
| 105°   | 126.0  | 157.5  | 173.2  | 171.5  | 168.0  | 164.5  | 161.1  | 157.6  | 161.1  | 164.5  | 168.0  |
| 107.5° | 149.2  | 188.0  | 207.4  | 206.0  | 203.1  | 200.2  | 197.3  | 194.4  | 197.3  | 200.2  | 203.1  |
| 110°   | 190.6  | 223.9  | 240.6  | 239.4  | 237.0  | 234.5  | 232.1  | 229.7  | 232.1  | 234.5  | 237.0  |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 269.3 | 271.2 | 272.2  | 271.2 | 269.1 | 267.0 | 265.0 | 262.9 | 265.0 | 267.0 | 269.1 |
| 115°   | 311.3 | 308.4 | 307.0  | 306.0 | 304.0 | 302.1 | 300.1 | 298.1 | 300.1 | 302.1 | 304.0 |
| 117.5° | 342.0 | 340.1 | 339.1  | 337.9 | 335.6 | 333.3 | 331.0 | 328.7 | 331.0 | 333.3 | 335.6 |
| 120°   | 373.8 | 371.7 | 370.7  | 369.8 | 368.1 | 366.4 | 364.7 | 363.0 | 364.7 | 366.4 | 368.1 |
| 122.5° | 403.8 | 401.5 | 400.3  | 399.4 | 397.5 | 395.7 | 393.8 | 392.0 | 393.8 | 395.7 | 397.5 |
| 125°   | 431.6 | 429.4 | 428.3  | 427.5 | 426.0 | 424.5 | 423.0 | 421.5 | 423.0 | 424.5 | 426.0 |
| 127.5° | 458.4 | 456.7 | 455.8  | 455.0 | 453.4 | 451.7 | 450.1 | 448.5 | 450.1 | 451.7 | 453.4 |
| 130°   | 484.1 | 482.8 | 482.2  | 481.3 | 479.4 | 477.6 | 475.7 | 473.9 | 475.7 | 477.6 | 479.4 |
| 132.5° | 508.5 | 507.2 | 506.6  | 505.8 | 504.3 | 502.8 | 501.3 | 499.8 | 501.3 | 502.8 | 504.3 |
| 135°   | 531.5 | 530.4 | 529.9  | 529.0 | 527.1 | 525.3 | 523.4 | 521.6 | 523.4 | 525.3 | 527.1 |
| 137.5° | 552.4 | 551.3 | 550.7  | 550.0 | 548.6 | 547.2 | 545.8 | 544.4 | 545.8 | 547.2 | 548.6 |
| 140°   | 572.8 | 571.5 | 570.9  | 570.4 | 569.5 | 568.6 | 567.6 | 566.7 | 567.6 | 568.6 | 569.5 |
| 142.5° | 591.3 | 589.8 | 589.0  | 588.6 | 587.8 | 587.0 | 586.2 | 585.4 | 586.2 | 587.0 | 587.8 |
| 145°   | 607.5 | 605.6 | 604.6  | 604.7 | 604.8 | 604.9 | 605.0 | 605.1 | 605.0 | 604.9 | 604.8 |
| 147.5° | 623.6 | 621.6 | 620.6  | 620.8 | 621.1 | 621.5 | 621.8 | 622.2 | 621.8 | 621.5 | 621.1 |
| 150°   | 638.0 | 636.1 | 635.2  | 635.6 | 636.4 | 637.2 | 638.0 | 638.8 | 638.0 | 637.2 | 636.4 |
| 152.5° | 651.2 | 649.5 | 648.6  | 649.1 | 650.0 | 650.9 | 651.9 | 652.8 | 651.9 | 650.9 | 650.0 |
| 155°   | 663.7 | 662.3 | 661.6  | 662.1 | 663.2 | 664.2 | 665.3 | 666.3 | 665.3 | 664.2 | 663.2 |
| 157.5° | 674.6 | 673.5 | 673.0  | 673.5 | 674.4 | 675.3 | 676.3 | 677.2 | 676.3 | 675.3 | 674.4 |
| 160°   | 684.4 | 683.7 | 683.4  | 683.7 | 684.4 | 685.1 | 685.8 | 686.5 | 685.8 | 685.1 | 684.4 |
| 162.5° | 692.6 | 692.0 | 691.7  | 692.0 | 692.7 | 693.4 | 694.1 | 694.8 | 694.1 | 693.4 | 692.7 |
| 165°   | 699.4 | 699.1 | 698.9  | 699.3 | 700.0 | 700.7 | 701.4 | 702.1 | 701.4 | 700.7 | 700.0 |
| 167.5° | 705.1 | 704.8 | 704.6  | 705.0 | 705.7 | 706.4 | 707.1 | 707.8 | 707.1 | 706.4 | 705.7 |
| 170°   | 709.7 | 709.4 | 709.3  | 709.6 | 710.3 | 711.0 | 711.7 | 712.4 | 711.7 | 711.0 | 710.3 |
| 172.5° | 712.8 | 712.5 | 712.4  | 712.7 | 713.4 | 714.1 | 714.8 | 715.5 | 714.8 | 714.1 | 713.4 |
| 175°   | 714.8 | 714.6 | 714.5  | 714.9 | 715.7 | 716.5 | 717.3 | 718.1 | 717.3 | 716.5 | 715.7 |
| 177.5° | 715.7 | 715.6 | 715.5  | 715.9 | 716.7 | 717.6 | 718.4 | 719.2 | 718.4 | 717.6 | 716.7 |
| 180°   | 716.6 | 716.6 | 716.6  | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1447.7 | 1448.8 | 1451.8 | 1442.7 | 1428.4 | 1422.3 | 1404.0 | 1400.9 | 1397.9 | 1397.9 | 1400.9 |
| 5°     | 1415.2 | 1411.1 | 1412.1 | 1394.8 | 1374.5 | 1362.3 | 1336.8 | 1340.9 | 1327.7 | 1319.5 | 1321.6 |
| 7.5°   | 1379.6 | 1368.4 | 1367.4 | 1345.0 | 1319.5 | 1297.2 | 1270.7 | 1264.6 | 1252.4 | 1238.2 | 1232.1 |
| 10°    | 1334.8 | 1326.7 | 1311.4 | 1286.0 | 1253.4 | 1235.1 | 1199.5 | 1178.1 | 1175.1 | 1153.7 | 1145.6 |
| 12.5°  | 1289.0 | 1274.8 | 1259.5 | 1223.9 | 1187.3 | 1157.8 | 1131.3 | 1107.9 | 1091.7 | 1073.3 | 1061.1 |
| 15°    | 1236.1 | 1218.8 | 1201.5 | 1163.9 | 1121.2 | 1091.7 | 1052.0 | 1017.4 | 969.6  | 931.9  | 910.6  |
| 17.5°  | 1178.1 | 1158.8 | 1135.4 | 1093.7 | 1052.0 | 1011.3 | 938.0  | 897.3  | 863.8  | 841.4  | 828.2  |
| 20°    | 1118.1 | 1096.7 | 1073.3 | 1031.6 | 959.4  | 888.2  | 847.5  | 815.9  | 795.6  | 773.2  | 756.9  |
| 22.5°  | 1055.0 | 1032.6 | 1007.2 | 942.1  | 865.8  | 815.9  | 784.4  | 754.9  | 725.4  | 713.2  | 705.0  |
| 25°    | 996.0  | 975.7  | 943.1  | 854.6  | 794.6  | 748.8  | 713.2  | 693.9  | 678.6  | 662.3  | 647.1  |
| 27.5°  | 935.0  | 897.3  | 851.6  | 777.3  | 739.6  | 692.8  | 667.4  | 653.2  | 626.7  | 615.5  | 608.4  |
| 30°    | 861.7  | 820.0  | 776.3  | 723.4  | 679.6  | 647.1  | 623.7  | 600.3  | 585.0  | 573.8  | 561.6  |
| 32.5°  | 787.5  | 747.8  | 720.3  | 665.4  | 632.8  | 599.2  | 576.9  | 562.6  | 540.2  | 533.1  | 528.0  |
| 35°    | 723.4  | 689.8  | 665.4  | 620.6  | 590.1  | 559.6  | 543.3  | 521.9  | 507.7  | 494.4  | 486.3  |
| 37.5°  | 660.3  | 642.0  | 616.5  | 578.9  | 546.3  | 521.9  | 499.5  | 492.4  | 473.1  | 466.0  | 457.8  |
| 40°    | 616.5  | 589.1  | 567.7  | 535.1  | 507.7  | 481.2  | 467.0  | 450.7  | 437.5  | 426.3  | 423.2  |
| 42.5°  | 563.6  | 543.3  | 531.1  | 495.5  | 467.0  | 451.7  | 434.4  | 416.1  | 405.9  | 396.8  | 385.6  |
| 45°    | 524.0  | 505.6  | 488.3  | 459.9  | 434.4  | 415.1  | 399.8  | 387.6  | 370.3  | 366.3  | 349.0  |
| 47.5°  | 482.2  | 463.9  | 450.7  | 422.2  | 398.8  | 380.5  | 369.3  | 353.0  | 338.8  | 329.6  | 321.5  |
| 50°    | 440.5  | 425.3  | 413.1  | 388.6  | 368.3  | 349.0  | 333.7  | 317.4  | 311.3  | 296.1  | 291.0  |
| 52.5°  | 400.8  | 390.7  | 377.4  | 354.0  | 333.7  | 317.4  | 301.1  | 287.9  | 278.8  | 270.6  | 264.5  |
| 55°    | 367.3  | 351.0  | 344.9  | 319.5  | 302.2  | 284.9  | 270.6  | 262.5  | 251.3  | 246.2  | 241.1  |
| 57.5°  | 329.6  | 320.5  | 310.3  | 291.0  | 271.6  | 255.4  | 245.2  | 233.0  | 226.9  | 220.8  | 216.7  |
| 60°    | 297.1  | 283.9  | 275.7  | 259.4  | 242.1  | 226.9  | 217.7  | 208.6  | 200.4  | 195.3  | 187.2  |
| 62.5°  | 259.4  | 249.3  | 244.2  | 226.9  | 212.6  | 198.4  | 190.3  | 181.1  | 175.0  | 165.8  | 155.7  |
| 65°    | 226.9  | 218.7  | 212.6  | 198.4  | 185.2  | 171.9  | 163.8  | 152.6  | 144.5  | 139.4  | 138.4  |
| 67.5°  | 198.4  | 192.3  | 183.1  | 169.9  | 156.7  | 146.5  | 137.3  | 128.2  | 127.2  | 125.1  | 125.1  |
| 70°    | 166.9  | 160.7  | 155.7  | 141.4  | 130.2  | 119.0  | 117.0  | 113.9  | 110.9  | 109.9  | 107.8  |
| 72.5°  | 139.4  | 134.3  | 128.2  | 116.0  | 104.8  | 101.7  | 99.7   | 97.7   | 94.6   | 93.6   | 92.6   |
| 75°    | 112.9  | 105.8  | 101.7  | 90.5   | 87.5   | 85.5   | 83.4   | 80.4   | 78.3   | 77.3   | 75.3   |
| 77.5°  | 86.5   | 79.4   | 79.4   | 73.3   | 71.2   | 68.2   | 66.1   | 64.1   | 63.1   | 61.0   | 61.0   |
| 80°    | 61.0   | 61.0   | 59.0   | 56.0   | 52.9   | 51.9   | 48.8   | 47.8   | 46.8   | 47.8   | 45.8   |
| 82.5°  | 44.8   | 40.7   | 40.7   | 38.7   | 36.6   | 35.6   | 33.6   | 33.6   | 32.6   | 32.6   | 32.6   |
| 85°    | 25.4   | 25.4   | 24.4   | 22.4   | 21.4   | 21.4   | 20.3   | 20.3   | 19.3   | 19.3   | 18.3   |
| 87.5°  | 10.2   | 9.2    | 10.2   | 9.2    | 9.2    | 8.1    | 8.1    | 8.1    | 7.1    | 8.1    | 7.1    |
| 90°    | 5.6    | 6.2    | 6.7    | 7.6    | 8.5    | 9.5    | 10.4   | 11.0   | 11.6   | 12.1   | 12.7   |
| 92.5°  | 11.1   | 10.9   | 11.1   | 11.4   | 11.7   | 12.1   | 12.4   | 12.6   | 12.9   | 13.1   | 13.4   |
| 95°    | 18.5   | 16.6   | 17.0   | 17.8   | 18.6   | 19.4   | 20.2   | 20.8   | 21.4   | 21.9   | 22.5   |
| 97.5°  | 22.8   | 18.1   | 19.0   | 20.9   | 22.7   | 24.6   | 26.4   | 26.8   | 27.1   | 27.5   | 27.8   |
| 100°   | 28.6   | 20.7   | 21.7   | 23.7   | 25.6   | 27.6   | 29.6   | 30.5   | 31.4   | 32.3   | 33.2   |
| 102.5° | 125.1  | 125.0  | 114.5  | 93.5   | 72.6   | 51.6   | 30.6   | 31.9   | 33.1   | 34.4   | 35.7   |
| 105°   | 171.5  | 173.2  | 157.5  | 126.0  | 94.5   | 63.1   | 31.6   | 32.9   | 34.1   | 35.4   | 36.7   |
| 107.5° | 206.0  | 207.4  | 188.0  | 149.2  | 110.3  | 71.5   | 32.7   | 34.0   | 35.2   | 36.5   | 37.8   |
| 110°   | 239.4  | 240.6  | 223.9  | 190.6  | 157.3  | 124.0  | 90.7   | 79.2   | 67.7   | 56.2   | 44.7   |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.2 | 272.2  | 271.2 | 269.3 | 267.3 | 265.4 | 263.4 | 213.7 | 164.1 | 114.4 | 64.7  |
| 115°   | 306.0 | 307.0  | 308.4 | 311.3 | 314.2 | 317.0 | 319.9 | 266.5 | 213.2 | 159.8 | 106.5 |
| 117.5° | 337.9 | 339.1  | 340.1 | 342.0 | 344.0 | 345.9 | 347.9 | 331.4 | 315.0 | 298.5 | 282.0 |
| 120°   | 369.8 | 370.7  | 371.7 | 373.8 | 375.9 | 378.0 | 380.1 | 381.5 | 382.9 | 384.2 | 385.6 |
| 122.5° | 399.4 | 400.3  | 401.5 | 403.8 | 406.1 | 408.4 | 410.7 | 411.4 | 412.1 | 412.8 | 413.5 |
| 125°   | 427.5 | 428.3  | 429.4 | 431.6 | 433.7 | 435.9 | 438.1 | 438.9 | 439.7 | 440.6 | 441.4 |
| 127.5° | 455.0 | 455.8  | 456.7 | 458.4 | 460.1 | 461.8 | 463.5 | 464.7 | 465.8 | 467.0 | 468.1 |
| 130°   | 481.3 | 482.2  | 482.8 | 484.1 | 485.4 | 486.6 | 487.9 | 489.2 | 490.4 | 491.7 | 493.0 |
| 132.5° | 505.8 | 506.6  | 507.2 | 508.5 | 509.8 | 511.0 | 512.3 | 513.3 | 514.3 | 515.4 | 516.4 |
| 135°   | 529.0 | 529.9  | 530.4 | 531.5 | 532.5 | 533.6 | 534.6 | 535.8 | 536.9 | 538.1 | 539.2 |
| 137.5° | 550.0 | 550.7  | 551.3 | 552.4 | 553.5 | 554.7 | 555.8 | 557.0 | 558.1 | 559.3 | 560.4 |
| 140°   | 570.4 | 570.9  | 571.5 | 572.8 | 574.1 | 575.3 | 576.6 | 577.6 | 578.6 | 579.7 | 580.7 |
| 142.5° | 588.6 | 589.0  | 589.8 | 591.3 | 592.8 | 594.3 | 595.8 | 596.7 | 597.6 | 598.5 | 599.4 |
| 145°   | 604.7 | 604.6  | 605.6 | 607.5 | 609.5 | 611.4 | 613.4 | 614.2 | 615.0 | 615.8 | 616.6 |
| 147.5° | 620.8 | 620.6  | 621.6 | 623.6 | 625.5 | 627.5 | 629.5 | 630.1 | 630.7 | 631.2 | 631.8 |
| 150°   | 635.6 | 635.2  | 636.1 | 638.0 | 639.8 | 641.7 | 643.5 | 644.2 | 644.9 | 645.6 | 646.3 |
| 152.5° | 649.1 | 648.6  | 649.5 | 651.2 | 652.9 | 654.7 | 656.4 | 657.1 | 657.8 | 658.5 | 659.2 |
| 155°   | 662.1 | 661.6  | 662.3 | 663.7 | 665.0 | 666.4 | 667.8 | 668.5 | 669.2 | 669.9 | 670.6 |
| 157.5° | 673.5 | 673.0  | 673.5 | 674.6 | 675.6 | 676.7 | 677.7 | 678.5 | 679.3 | 680.1 | 680.9 |
| 160°   | 683.7 | 683.4  | 683.7 | 684.4 | 685.1 | 685.8 | 686.5 | 687.2 | 687.9 | 688.6 | 689.3 |
| 162.5° | 692.0 | 691.7  | 692.0 | 692.6 | 693.1 | 693.7 | 694.3 | 695.1 | 695.9 | 696.7 | 697.5 |
| 165°   | 699.3 | 698.9  | 699.1 | 699.4 | 699.8 | 700.1 | 700.5 | 701.3 | 702.1 | 702.9 | 703.7 |
| 167.5° | 705.0 | 704.6  | 704.8 | 705.1 | 705.5 | 705.8 | 706.2 | 707.0 | 707.8 | 708.6 | 709.4 |
| 170°   | 709.6 | 709.3  | 709.4 | 709.7 | 709.9 | 710.2 | 710.4 | 711.2 | 712.0 | 712.8 | 713.6 |
| 172.5° | 712.7 | 712.4  | 712.5 | 712.8 | 713.0 | 713.3 | 713.5 | 714.3 | 715.1 | 715.9 | 716.7 |
| 175°   | 714.9 | 714.5  | 714.6 | 714.8 | 715.1 | 715.3 | 715.5 | 716.3 | 717.1 | 718.0 | 718.8 |
| 177.5° | 715.9 | 715.5  | 715.6 | 715.7 | 715.8 | 716.0 | 716.1 | 716.9 | 717.7 | 718.5 | 719.3 |
| 180°   | 716.6 | 716.6  | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1400.9 | 1398.9 | 1392.8 | 1394.8 | 1391.8 | 1391.8 | 1389.7 | 1389.7 | 1389.7 | 1394.8 | 1391.8 |
| 5°     | 1324.6 | 1317.5 | 1310.4 | 1307.3 | 1304.3 | 1301.2 | 1301.2 | 1300.2 | 1309.4 | 1307.3 | 1315.5 |
| 7.5°   | 1230.0 | 1228.0 | 1213.7 | 1213.7 | 1208.7 | 1206.6 | 1211.7 | 1212.7 | 1213.7 | 1215.8 | 1220.9 |
| 10°    | 1145.6 | 1140.5 | 1120.1 | 1122.2 | 1119.1 | 1115.1 | 1118.1 | 1116.1 | 1123.2 | 1125.2 | 1123.2 |
| 12.5°  | 1045.9 | 1036.7 | 1014.3 | 1003.1 | 990.9  | 981.8  | 993.0  | 984.8  | 1013.3 | 1021.5 | 1043.8 |
| 15°    | 913.6  | 896.3  | 881.1  | 881.1  | 869.9  | 861.7  | 866.8  | 876.0  | 882.1  | 891.2  | 895.3  |
| 17.5°  | 825.1  | 818.0  | 805.8  | 798.6  | 795.6  | 792.5  | 792.5  | 796.6  | 809.8  | 808.8  | 817.0  |
| 20°    | 749.8  | 745.7  | 739.6  | 730.5  | 727.4  | 725.4  | 725.4  | 725.4  | 734.6  | 742.7  | 747.8  |
| 22.5°  | 697.9  | 694.9  | 690.8  | 678.6  | 672.5  | 670.5  | 675.5  | 678.6  | 685.7  | 691.8  | 696.9  |
| 25°    | 646.0  | 638.9  | 631.8  | 627.7  | 624.7  | 624.7  | 626.7  | 627.7  | 630.8  | 633.8  | 639.9  |
| 27.5°  | 603.3  | 598.2  | 588.0  | 576.9  | 576.9  | 573.8  | 575.8  | 577.9  | 585.0  | 595.2  | 600.3  |
| 30°    | 555.5  | 554.5  | 550.4  | 546.3  | 542.3  | 540.2  | 544.3  | 547.4  | 548.4  | 553.5  | 553.5  |
| 32.5°  | 520.9  | 513.8  | 506.7  | 502.6  | 500.6  | 499.5  | 500.6  | 504.6  | 504.6  | 510.7  | 517.8  |
| 35°    | 486.3  | 482.2  | 475.1  | 468.0  | 466.0  | 460.9  | 464.9  | 469.0  | 476.1  | 479.2  | 482.2  |
| 37.5°  | 448.7  | 443.6  | 440.5  | 438.5  | 434.4  | 435.4  | 432.4  | 438.5  | 444.6  | 443.6  | 445.6  |
| 40°    | 420.2  | 411.0  | 401.9  | 400.8  | 399.8  | 398.8  | 398.8  | 399.8  | 403.9  | 408.0  | 414.1  |
| 42.5°  | 383.6  | 380.5  | 372.4  | 364.2  | 362.2  | 360.2  | 358.1  | 362.2  | 370.3  | 377.4  | 380.5  |
| 45°    | 345.9  | 341.8  | 339.8  | 333.7  | 329.6  | 328.6  | 326.6  | 331.7  | 338.8  | 341.8  | 343.9  |
| 47.5°  | 311.3  | 310.3  | 304.2  | 305.2  | 302.2  | 303.2  | 302.2  | 305.2  | 305.2  | 308.3  | 310.3  |
| 50°    | 287.9  | 284.9  | 281.8  | 279.8  | 276.7  | 276.7  | 275.7  | 276.7  | 280.8  | 284.9  | 283.9  |
| 52.5°  | 264.5  | 259.4  | 258.4  | 257.4  | 255.4  | 257.4  | 254.3  | 255.4  | 259.4  | 261.5  | 260.5  |
| 55°    | 237.1  | 236.0  | 234.0  | 232.0  | 230.9  | 229.9  | 229.9  | 229.9  | 234.0  | 237.1  | 238.1  |
| 57.5°  | 215.7  | 210.6  | 206.5  | 206.5  | 202.5  | 201.4  | 203.5  | 204.5  | 207.5  | 209.6  | 211.6  |
| 60°    | 186.2  | 184.1  | 178.0  | 175.0  | 168.9  | 167.9  | 167.9  | 171.9  | 177.0  | 184.1  | 186.2  |
| 62.5°  | 154.6  | 151.6  | 150.6  | 150.6  | 150.6  | 150.6  | 150.6  | 150.6  | 150.6  | 151.6  | 151.6  |
| 65°    | 137.3  | 138.4  | 137.3  | 136.3  | 137.3  | 137.3  | 136.3  | 136.3  | 136.3  | 137.3  | 138.4  |
| 67.5°  | 123.1  | 122.1  | 123.1  | 122.1  | 121.1  | 121.1  | 120.1  | 121.1  | 122.1  | 123.1  | 123.1  |
| 70°    | 106.8  | 106.8  | 105.8  | 106.8  | 105.8  | 104.8  | 103.8  | 103.8  | 105.8  | 106.8  | 106.8  |
| 72.5°  | 91.6   | 91.6   | 90.5   | 90.5   | 88.5   | 88.5   | 89.5   | 88.5   | 88.5   | 91.6   | 91.6   |
| 75°    | 76.3   | 75.3   | 74.3   | 74.3   | 73.3   | 73.3   | 73.3   | 72.2   | 74.3   | 74.3   | 75.3   |
| 77.5°  | 60.0   | 60.0   | 60.0   | 59.0   | 59.0   | 58.0   | 58.0   | 59.0   | 59.0   | 59.0   | 60.0   |
| 80°    | 45.8   | 45.8   | 45.8   | 44.8   | 43.7   | 43.7   | 43.7   | 43.7   | 43.7   | 44.8   | 43.7   |
| 82.5°  | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   | 30.5   | 30.5   | 30.5   | 31.5   | 31.5   | 30.5   |
| 85°    | 19.3   | 18.3   | 19.3   | 19.3   | 18.3   | 19.3   | 18.3   | 18.3   | 17.3   | 17.3   | 18.3   |
| 87.5°  | 8.1    | 7.1    | 6.1    | 6.1    | 7.1    | 6.1    | 6.1    | 6.1    | 7.1    | 6.1    | 6.1    |
| 90°    | 13.0   | 13.1   | 13.3   | 13.6   | 13.8   | 14.0   | 13.8   | 13.6   | 13.3   | 13.1   | 13.0   |
| 92.5°  | 13.5   | 13.6   | 13.7   | 13.8   | 13.9   | 14.0   | 13.9   | 13.8   | 13.7   | 13.6   | 13.5   |
| 95°    | 22.8   | 22.7   | 22.6   | 22.5   | 22.4   | 22.3   | 22.4   | 22.5   | 22.6   | 22.7   | 22.8   |
| 97.5°  | 28.0   | 28.1   | 28.2   | 28.3   | 28.4   | 28.5   | 28.4   | 28.3   | 28.2   | 28.1   | 28.0   |
| 100°   | 33.7   | 33.8   | 34.0   | 34.3   | 34.5   | 34.7   | 34.5   | 34.3   | 34.0   | 33.8   | 33.7   |
| 102.5° | 36.3   | 36.5   | 36.8   | 37.2   | 37.5   | 37.9   | 37.5   | 37.2   | 36.8   | 36.5   | 36.3   |
| 105°   | 37.3   | 37.5   | 38.0   | 38.5   | 38.9   | 39.4   | 38.9   | 38.5   | 38.0   | 37.5   | 37.3   |
| 107.5° | 38.4   | 38.6   | 39.1   | 39.5   | 40.0   | 40.4   | 40.0   | 39.5   | 39.1   | 38.6   | 38.4   |
| 110°   | 38.9   | 39.1   | 39.6   | 40.1   | 40.5   | 41.0   | 40.5   | 40.1   | 39.6   | 39.1   | 38.9   |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 39.9   | 40.1  | 40.4  | 40.8  | 41.1  | 41.5  | 41.1  | 40.8  | 40.4  | 40.1  | 39.9   |
| 115°   | 79.8   | 75.7  | 67.4  | 59.1  | 50.8  | 42.5  | 50.8  | 59.1  | 67.4  | 75.7  | 79.8   |
| 117.5° | 273.8  | 258.7 | 228.5 | 198.3 | 168.1 | 137.9 | 168.1 | 198.3 | 228.5 | 258.7 | 273.8  |
| 120°   | 386.3  | 378.5 | 363.0 | 347.4 | 331.9 | 316.3 | 331.9 | 347.4 | 363.0 | 378.5 | 386.3  |
| 122.5° | 413.8  | 413.9 | 414.0 | 414.1 | 414.2 | 414.3 | 414.2 | 414.1 | 414.0 | 413.9 | 413.8  |
| 125°   | 441.8  | 442.0 | 442.3 | 442.6 | 443.0 | 443.3 | 443.0 | 442.6 | 442.3 | 442.0 | 441.8  |
| 127.5° | 468.7  | 468.8 | 468.9 | 469.0 | 469.1 | 469.2 | 469.1 | 469.0 | 468.9 | 468.8 | 468.7  |
| 130°   | 493.6  | 493.5 | 493.4 | 493.3 | 493.2 | 493.1 | 493.2 | 493.3 | 493.4 | 493.5 | 493.6  |
| 132.5° | 516.9  | 516.8 | 516.7 | 516.6 | 516.5 | 516.4 | 516.5 | 516.6 | 516.7 | 516.8 | 516.9  |
| 135°   | 539.8  | 539.7 | 539.4 | 539.2 | 538.9 | 538.7 | 538.9 | 539.2 | 539.4 | 539.7 | 539.8  |
| 137.5° | 561.0  | 560.8 | 560.5 | 560.2 | 559.8 | 559.5 | 559.8 | 560.2 | 560.5 | 560.8 | 561.0  |
| 140°   | 581.2  | 580.9 | 580.4 | 579.8 | 579.3 | 578.7 | 579.3 | 579.8 | 580.4 | 580.9 | 581.2  |
| 142.5° | 599.9  | 599.6 | 599.0 | 598.5 | 597.9 | 597.3 | 597.9 | 598.5 | 599.0 | 599.6 | 599.9  |
| 145°   | 617.0  | 616.7 | 616.1 | 615.6 | 615.0 | 614.4 | 615.0 | 615.6 | 616.1 | 616.7 | 617.0  |
| 147.5° | 632.1  | 631.9 | 631.4 | 630.9 | 630.5 | 630.0 | 630.5 | 630.9 | 631.4 | 631.9 | 632.1  |
| 150°   | 646.6  | 646.3 | 645.7 | 645.2 | 644.6 | 644.0 | 644.6 | 645.2 | 645.7 | 646.3 | 646.6  |
| 152.5° | 659.5  | 659.1 | 658.3 | 657.5 | 656.7 | 655.9 | 656.7 | 657.5 | 658.3 | 659.1 | 659.5  |
| 155°   | 670.9  | 670.4 | 669.5 | 668.6 | 667.7 | 666.8 | 667.7 | 668.6 | 669.5 | 670.4 | 670.9  |
| 157.5° | 681.3  | 680.8 | 679.9 | 679.0 | 678.1 | 677.2 | 678.1 | 679.0 | 679.9 | 680.8 | 681.3  |
| 160°   | 689.6  | 689.2 | 688.4 | 687.6 | 686.8 | 686.0 | 686.8 | 687.6 | 688.4 | 689.2 | 689.6  |
| 162.5° | 697.9  | 697.4 | 696.3 | 695.3 | 694.2 | 693.2 | 694.2 | 695.3 | 696.3 | 697.4 | 697.9  |
| 165°   | 704.1  | 703.7 | 702.9 | 702.1 | 701.3 | 700.5 | 701.3 | 702.1 | 702.9 | 703.7 | 704.1  |
| 167.5° | 709.8  | 709.3 | 708.3 | 707.2 | 706.2 | 705.2 | 706.2 | 707.2 | 708.3 | 709.3 | 709.8  |
| 170°   | 714.0  | 713.5 | 712.4 | 711.4 | 710.3 | 709.3 | 710.3 | 711.4 | 712.4 | 713.5 | 714.0  |
| 172.5° | 717.1  | 716.6 | 715.5 | 714.5 | 713.4 | 712.4 | 713.4 | 714.5 | 715.5 | 716.6 | 717.1  |
| 175°   | 719.2  | 718.6 | 717.5 | 716.3 | 715.2 | 714.0 | 715.2 | 716.3 | 717.5 | 718.6 | 719.2  |
| 177.5° | 719.7  | 719.2 | 718.1 | 717.1 | 716.0 | 715.0 | 716.0 | 717.1 | 718.1 | 719.2 | 719.7  |
| 180°   | 716.6  | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6  |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1394.8 | 1399.9 | 1397.9 | 1386.7 | 1397.9 | 1400.9 | 1407.0 | 1413.1 | 1417.2 | 1423.3 | 1428.4 |
| 5°     | 1307.3 | 1317.5 | 1323.6 | 1317.5 | 1337.9 | 1340.9 | 1355.2 | 1363.3 | 1375.5 | 1385.7 | 1393.8 |
| 7.5°   | 1224.9 | 1233.1 | 1245.3 | 1247.3 | 1259.5 | 1273.8 | 1294.1 | 1314.5 | 1333.8 | 1344.0 | 1353.1 |
| 10°    | 1136.4 | 1150.7 | 1169.0 | 1164.9 | 1183.2 | 1205.6 | 1227.0 | 1259.5 | 1275.8 | 1294.1 | 1310.4 |
| 12.5°  | 1047.9 | 1057.1 | 1081.5 | 1089.6 | 1116.1 | 1133.4 | 1162.9 | 1183.2 | 1223.9 | 1245.3 | 1259.5 |
| 15°    | 893.3  | 930.9  | 961.4  | 998.1  | 1032.6 | 1065.2 | 1091.7 | 1128.3 | 1163.9 | 1180.2 | 1203.6 |
| 17.5°  | 823.1  | 840.4  | 858.7  | 877.0  | 921.7  | 979.7  | 1026.5 | 1066.2 | 1096.7 | 1118.1 | 1145.6 |
| 20°    | 749.8  | 767.1  | 787.5  | 804.8  | 832.2  | 873.9  | 931.9  | 1000.1 | 1036.7 | 1059.1 | 1085.5 |
| 22.5°  | 697.9  | 714.2  | 727.4  | 742.7  | 764.1  | 794.6  | 838.3  | 922.8  | 971.6  | 999.1  | 1022.5 |
| 25°    | 642.0  | 662.3  | 676.6  | 687.8  | 705.0  | 738.6  | 774.2  | 822.0  | 909.5  | 930.9  | 963.5  |
| 27.5°  | 603.3  | 609.4  | 625.7  | 643.0  | 660.3  | 678.6  | 715.2  | 755.9  | 814.9  | 861.7  | 901.4  |
| 30°    | 557.5  | 572.8  | 588.0  | 595.2  | 610.4  | 636.9  | 659.3  | 703.0  | 748.8  | 785.4  | 833.2  |
| 32.5°  | 522.9  | 532.1  | 542.3  | 559.6  | 573.8  | 592.1  | 614.5  | 651.1  | 689.8  | 713.2  | 749.8  |
| 35°    | 484.3  | 490.4  | 511.7  | 518.9  | 533.1  | 551.4  | 573.8  | 602.3  | 644.0  | 662.3  | 688.8  |
| 37.5°  | 447.6  | 461.9  | 468.0  | 484.3  | 497.5  | 515.8  | 532.1  | 564.6  | 592.1  | 613.5  | 637.9  |
| 40°    | 419.2  | 425.3  | 436.5  | 450.7  | 461.9  | 476.1  | 496.5  | 519.9  | 549.4  | 566.7  | 588.0  |
| 42.5°  | 384.6  | 389.7  | 403.9  | 412.0  | 430.4  | 443.6  | 455.8  | 484.3  | 510.7  | 524.0  | 545.3  |
| 45°    | 346.9  | 359.1  | 368.3  | 384.6  | 394.7  | 411.0  | 426.3  | 446.6  | 471.0  | 486.3  | 498.5  |
| 47.5°  | 314.4  | 326.6  | 335.7  | 351.0  | 367.3  | 374.4  | 390.7  | 412.0  | 434.4  | 446.6  | 463.9  |
| 50°    | 287.9  | 292.0  | 309.3  | 316.4  | 333.7  | 347.9  | 359.1  | 377.4  | 401.9  | 409.0  | 423.2  |
| 52.5°  | 262.5  | 265.5  | 276.7  | 285.9  | 301.1  | 313.4  | 327.6  | 344.9  | 365.2  | 376.4  | 387.6  |
| 55°    | 240.1  | 242.1  | 247.2  | 257.4  | 267.6  | 282.8  | 296.1  | 312.3  | 329.6  | 341.8  | 352.0  |
| 57.5°  | 214.7  | 218.7  | 222.8  | 228.9  | 239.1  | 253.3  | 267.6  | 282.8  | 297.1  | 305.2  | 318.4  |
| 60°    | 185.2  | 191.3  | 198.4  | 205.5  | 212.6  | 222.8  | 239.1  | 253.3  | 266.6  | 273.7  | 283.9  |
| 62.5°  | 153.6  | 165.8  | 171.9  | 180.1  | 186.2  | 195.3  | 207.5  | 223.8  | 233.0  | 242.1  | 250.3  |
| 65°    | 138.4  | 139.4  | 140.4  | 148.5  | 159.7  | 168.9  | 180.1  | 192.3  | 206.5  | 212.6  | 218.7  |
| 67.5°  | 123.1  | 124.1  | 126.2  | 127.2  | 131.2  | 141.4  | 153.6  | 166.9  | 178.0  | 182.1  | 188.2  |
| 70°    | 107.8  | 107.8  | 111.9  | 112.9  | 113.9  | 115.0  | 125.1  | 138.4  | 148.5  | 153.6  | 160.7  |
| 72.5°  | 91.6   | 92.6   | 94.6   | 95.6   | 97.7   | 99.7   | 102.8  | 109.9  | 122.1  | 127.2  | 135.3  |
| 75°    | 75.3   | 76.3   | 77.3   | 78.3   | 81.4   | 82.4   | 85.5   | 89.5   | 94.6   | 100.7  | 105.8  |
| 77.5°  | 60.0   | 60.0   | 61.0   | 63.1   | 65.1   | 66.1   | 69.2   | 71.2   | 73.3   | 76.3   | 80.4   |
| 80°    | 44.8   | 45.8   | 45.8   | 47.8   | 47.8   | 48.8   | 49.9   | 52.9   | 54.9   | 57.0   | 59.0   |
| 82.5°  | 30.5   | 32.6   | 32.6   | 32.6   | 33.6   | 34.6   | 35.6   | 35.6   | 37.6   | 38.7   | 41.7   |
| 85°    | 18.3   | 19.3   | 19.3   | 19.3   | 18.3   | 20.3   | 20.3   | 21.4   | 21.4   | 21.4   | 22.4   |
| 87.5°  | 7.1    | 6.1    | 7.1    | 7.1    | 7.1    | 8.1    | 7.1    | 7.1    | 8.1    | 9.2    | 9.2    |
| 90°    | 12.7   | 12.1   | 11.6   | 11.0   | 10.4   | 9.5    | 8.5    | 7.6    | 6.7    | 6.2    | 5.6    |
| 92.5°  | 13.4   | 13.1   | 12.9   | 12.6   | 12.4   | 12.1   | 11.7   | 11.4   | 11.1   | 10.9   | 11.1   |
| 95°    | 22.5   | 21.9   | 21.4   | 20.8   | 20.2   | 19.4   | 18.6   | 17.8   | 17.0   | 16.6   | 18.5   |
| 97.5°  | 27.8   | 27.5   | 27.1   | 26.8   | 26.4   | 24.6   | 22.7   | 20.9   | 19.0   | 18.1   | 22.8   |
| 100°   | 33.2   | 32.3   | 31.4   | 30.5   | 29.6   | 27.6   | 25.6   | 23.7   | 21.7   | 20.7   | 28.6   |
| 102.5° | 35.7   | 34.4   | 33.1   | 31.9   | 30.6   | 51.6   | 72.6   | 93.5   | 114.5  | 125.0  | 125.1  |
| 105°   | 36.7   | 35.4   | 34.1   | 32.9   | 31.6   | 63.1   | 94.5   | 126.0  | 157.5  | 173.2  | 171.5  |
| 107.5° | 37.8   | 36.5   | 35.2   | 34.0   | 32.7   | 71.5   | 110.3  | 149.2  | 188.0  | 207.4  | 206.0  |
| 110°   | 44.7   | 56.2   | 67.7   | 79.2   | 90.7   | 124.0  | 157.3  | 190.6  | 223.9  | 240.6  | 239.4  |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 64.7  | 114.4 | 164.1 | 213.7 | 263.4 | 265.4 | 267.3 | 269.3 | 271.2 | 272.2  | 271.2 |
| 115°   | 106.5 | 159.8 | 213.2 | 266.5 | 319.9 | 317.0 | 314.2 | 311.3 | 308.4 | 307.0  | 306.0 |
| 117.5° | 282.0 | 298.5 | 315.0 | 331.4 | 347.9 | 345.9 | 344.0 | 342.0 | 340.1 | 339.1  | 337.9 |
| 120°   | 385.6 | 384.2 | 382.9 | 381.5 | 380.1 | 378.0 | 375.9 | 373.8 | 371.7 | 370.7  | 369.8 |
| 122.5° | 413.5 | 412.8 | 412.1 | 411.4 | 410.7 | 408.4 | 406.1 | 403.8 | 401.5 | 400.3  | 399.4 |
| 125°   | 441.4 | 440.6 | 439.7 | 438.9 | 438.1 | 435.9 | 433.7 | 431.6 | 429.4 | 428.3  | 427.5 |
| 127.5° | 468.1 | 467.0 | 465.8 | 464.7 | 463.5 | 461.8 | 460.1 | 458.4 | 456.7 | 455.8  | 455.0 |
| 130°   | 493.0 | 491.7 | 490.4 | 489.2 | 487.9 | 486.6 | 485.4 | 484.1 | 482.8 | 482.2  | 481.3 |
| 132.5° | 516.4 | 515.4 | 514.3 | 513.3 | 512.3 | 511.0 | 509.8 | 508.5 | 507.2 | 506.6  | 505.8 |
| 135°   | 539.2 | 538.1 | 536.9 | 535.8 | 534.6 | 533.6 | 532.5 | 531.5 | 530.4 | 529.9  | 529.0 |
| 137.5° | 560.4 | 559.3 | 558.1 | 557.0 | 555.8 | 554.7 | 553.5 | 552.4 | 551.3 | 550.7  | 550.0 |
| 140°   | 580.7 | 579.7 | 578.6 | 577.6 | 576.6 | 575.3 | 574.1 | 572.8 | 571.5 | 570.9  | 570.4 |
| 142.5° | 599.4 | 598.5 | 597.6 | 596.7 | 595.8 | 594.3 | 592.8 | 591.3 | 589.8 | 589.0  | 588.6 |
| 145°   | 616.6 | 615.8 | 615.0 | 614.2 | 613.4 | 611.4 | 609.5 | 607.5 | 605.6 | 604.6  | 604.7 |
| 147.5° | 631.8 | 631.2 | 630.7 | 630.1 | 629.5 | 627.5 | 625.5 | 623.6 | 621.6 | 620.6  | 620.8 |
| 150°   | 646.3 | 645.6 | 644.9 | 644.2 | 643.5 | 641.7 | 639.8 | 638.0 | 636.1 | 635.2  | 635.6 |
| 152.5° | 659.2 | 658.5 | 657.8 | 657.1 | 656.4 | 654.7 | 652.9 | 651.2 | 649.5 | 648.6  | 649.1 |
| 155°   | 670.6 | 669.9 | 669.2 | 668.5 | 667.8 | 666.4 | 665.0 | 663.7 | 662.3 | 661.6  | 662.1 |
| 157.5° | 680.9 | 680.1 | 679.3 | 678.5 | 677.7 | 676.7 | 675.6 | 674.6 | 673.5 | 673.0  | 673.5 |
| 160°   | 689.3 | 688.6 | 687.9 | 687.2 | 686.5 | 685.8 | 685.1 | 684.4 | 683.7 | 683.4  | 683.7 |
| 162.5° | 697.5 | 696.7 | 695.9 | 695.1 | 694.3 | 693.7 | 693.1 | 692.6 | 692.0 | 691.7  | 692.0 |
| 165°   | 703.7 | 702.9 | 702.1 | 701.3 | 700.5 | 700.1 | 699.8 | 699.4 | 699.1 | 698.9  | 699.3 |
| 167.5° | 709.4 | 708.6 | 707.8 | 707.0 | 706.2 | 705.8 | 705.5 | 705.1 | 704.8 | 704.6  | 705.0 |
| 170°   | 713.6 | 712.8 | 712.0 | 711.2 | 710.4 | 710.2 | 709.9 | 709.7 | 709.4 | 709.3  | 709.6 |
| 172.5° | 716.7 | 715.9 | 715.1 | 714.3 | 713.5 | 713.3 | 713.0 | 712.8 | 712.5 | 712.4  | 712.7 |
| 175°   | 718.8 | 718.0 | 717.1 | 716.3 | 715.5 | 715.3 | 715.1 | 714.8 | 714.6 | 714.5  | 714.9 |
| 177.5° | 719.3 | 718.5 | 717.7 | 716.9 | 716.1 | 716.0 | 715.8 | 715.7 | 715.6 | 715.5  | 715.9 |
| 180°   | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6 | 716.6  | 716.6 |

TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1464.0 | 1464.0 | 1464.0 | 1464.0 |
| 2.5°   | 1437.6 | 1434.5 | 1452.8 | 1473.2 |
| 5°     | 1408.1 | 1413.1 | 1436.5 | 1465.0 |
| 7.5°   | 1377.5 | 1388.7 | 1416.2 | 1453.8 |
| 10°    | 1334.8 | 1355.2 | 1396.9 | 1435.5 |
| 12.5°  | 1293.1 | 1320.6 | 1360.2 | 1406.0 |
| 15°    | 1246.3 | 1276.8 | 1325.7 | 1380.6 |
| 17.5°  | 1194.4 | 1229.0 | 1286.0 | 1346.0 |
| 20°    | 1139.5 | 1185.3 | 1245.3 | 1310.4 |
| 22.5°  | 1078.4 | 1133.4 | 1195.4 | 1267.7 |
| 25°    | 1019.4 | 1079.4 | 1141.5 | 1224.9 |
| 27.5°  | 961.4  | 1020.4 | 1089.6 | 1174.1 |
| 30°    | 903.4  | 957.4  | 1031.6 | 1122.2 |
| 32.5°  | 841.4  | 897.3  | 975.7  | 1068.3 |
| 35°    | 784.4  | 840.4  | 913.6  | 1005.2 |
| 37.5°  | 723.4  | 783.4  | 853.6  | 948.2  |
| 40°    | 652.1  | 722.3  | 790.5  | 881.1  |
| 42.5°  | 593.1  | 667.4  | 733.5  | 819.0  |
| 45°    | 546.3  | 616.5  | 671.5  | 754.9  |
| 47.5°  | 502.6  | 559.6  | 615.5  | 692.8  |
| 50°    | 460.9  | 504.6  | 562.6  | 631.8  |
| 52.5°  | 418.1  | 455.8  | 505.6  | 570.8  |
| 55°    | 379.5  | 415.1  | 459.9  | 509.7  |
| 57.5°  | 343.9  | 369.3  | 414.1  | 458.8  |
| 60°    | 304.2  | 330.6  | 365.2  | 402.9  |
| 62.5°  | 270.6  | 291.0  | 323.5  | 355.1  |
| 65°    | 235.0  | 254.3  | 278.8  | 308.3  |
| 67.5°  | 202.5  | 219.8  | 239.1  | 262.5  |
| 70°    | 173.0  | 186.2  | 200.4  | 220.8  |
| 72.5°  | 141.4  | 155.7  | 168.9  | 185.2  |
| 75°    | 116.0  | 122.1  | 133.3  | 144.5  |
| 77.5°  | 89.5   | 97.7   | 103.8  | 112.9  |
| 80°    | 64.1   | 71.2   | 73.3   | 80.4   |
| 82.5°  | 42.7   | 46.8   | 50.9   | 52.9   |
| 85°    | 24.4   | 26.5   | 30.5   | 31.5   |
| 87.5°  | 9.2    | 10.2   | 12.2   | 14.2   |
| 90°    | 4.3    | 3.0    | 1.8    | 0.5    |
| 92.5°  | 11.6   | 12.1   | 12.5   | 13.0   |
| 95°    | 22.3   | 26.1   | 29.9   | 33.7   |
| 97.5°  | 32.3   | 41.8   | 51.2   | 60.7   |
| 100°   | 44.4   | 60.2   | 76.0   | 91.8   |
| 102.5° | 125.3  | 125.6  | 125.8  | 126.0  |
| 105°   | 168.0  | 164.5  | 161.1  | 157.6  |
| 107.5° | 203.1  | 200.2  | 197.3  | 194.4  |
| 110°   | 237.0  | 234.5  | 232.1  | 229.7  |



TEST NUMBER: P1008464

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 269.1 | 267.0 | 265.0 | 262.9 |
| 115°   | 304.0 | 302.1 | 300.1 | 298.1 |
| 117.5° | 335.6 | 333.3 | 331.0 | 328.7 |
| 120°   | 368.1 | 366.4 | 364.7 | 363.0 |
| 122.5° | 397.5 | 395.7 | 393.8 | 392.0 |
| 125°   | 426.0 | 424.5 | 423.0 | 421.5 |
| 127.5° | 453.4 | 451.7 | 450.1 | 448.5 |
| 130°   | 479.4 | 477.6 | 475.7 | 473.9 |
| 132.5° | 504.3 | 502.8 | 501.3 | 499.8 |
| 135°   | 527.1 | 525.3 | 523.4 | 521.6 |
| 137.5° | 548.6 | 547.2 | 545.8 | 544.4 |
| 140°   | 569.5 | 568.6 | 567.6 | 566.7 |
| 142.5° | 587.8 | 587.0 | 586.2 | 585.4 |
| 145°   | 604.8 | 604.9 | 605.0 | 605.1 |
| 147.5° | 621.1 | 621.5 | 621.8 | 622.2 |
| 150°   | 636.4 | 637.2 | 638.0 | 638.8 |
| 152.5° | 650.0 | 650.9 | 651.9 | 652.8 |
| 155°   | 663.2 | 664.2 | 665.3 | 666.3 |
| 157.5° | 674.4 | 675.3 | 676.3 | 677.2 |
| 160°   | 684.4 | 685.1 | 685.8 | 686.5 |
| 162.5° | 692.7 | 693.4 | 694.1 | 694.8 |
| 165°   | 700.0 | 700.7 | 701.4 | 702.1 |
| 167.5° | 705.7 | 706.4 | 707.1 | 707.8 |
| 170°   | 710.3 | 711.0 | 711.7 | 712.4 |
| 172.5° | 713.4 | 714.1 | 714.8 | 715.5 |
| 175°   | 715.7 | 716.5 | 717.3 | 718.1 |
| 177.5° | 716.7 | 717.6 | 718.4 | 719.2 |
| 180°   | 716.6 | 716.6 | 716.6 | 716.6 |

(END OF REPORT)