

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: P996049

Luminaire Tested: S122RDRP-B675DB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P996049  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDRP-B675DB2750-4F0-XX-W2A-A\_2700K  
Description: Define 2 Regressed Direct Perimeter with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

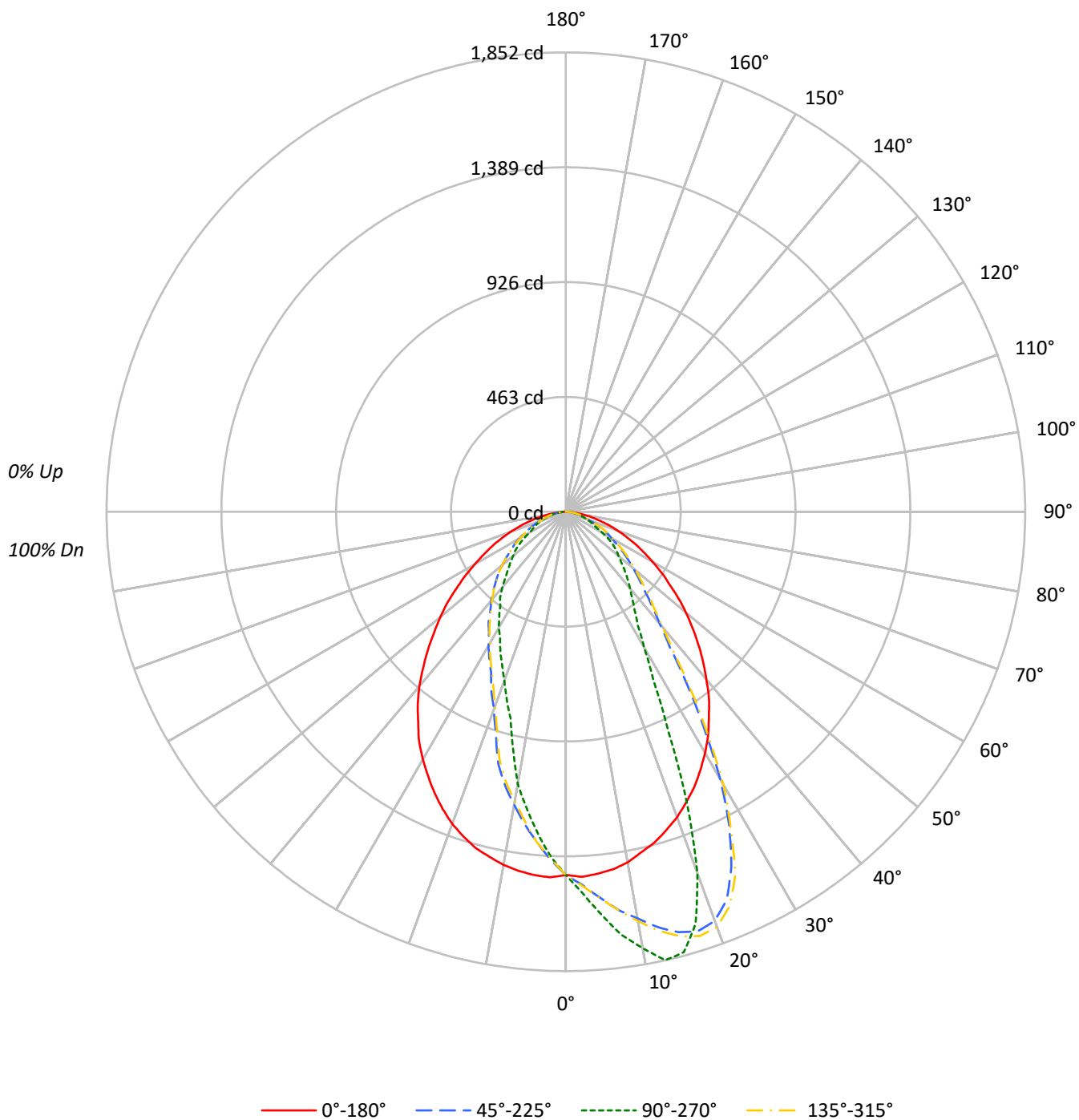
Lumens per Lamp: N/A  
Luminaire Lumens: 2530.0 lumens  
Efficiency: N/A  
Efficacy: 70.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 35.9  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P996049

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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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 111 | 106 | 103 | 100 | 108 | 104 | 101 | 98  | 100 | 97  | 95  | 96  | 94  | 92  | 93  | 91  | 89  | 87  |    |    |
| 2   | 102 | 95  | 89  | 84  | 100 | 93  | 88  | 83  | 90  | 85  | 81  | 87  | 83  | 80  | 84  | 81  | 78  | 76  |    |    |
| 3   | 94  | 85  | 78  | 72  | 92  | 84  | 77  | 72  | 81  | 75  | 71  | 78  | 73  | 69  | 76  | 72  | 68  | 66  |    |    |
| 4   | 87  | 77  | 69  | 63  | 85  | 76  | 68  | 63  | 73  | 67  | 62  | 71  | 66  | 61  | 69  | 64  | 60  | 59  |    |    |
| 5   | 81  | 70  | 62  | 56  | 79  | 69  | 61  | 56  | 67  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 54  | 52  |    |    |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 55  | 50  | 61  | 54  | 49  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 39  |    |    |
| 9   | 62  | 50  | 43  | 38  | 61  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 37  | 47  | 41  | 37  | 35  |    |    |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  | 44  | 38  | 34  | 44  | 38  | 34  | 33  |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 23174 | 23174 | 23174 | 23174 |
| 5°  | 23278 | 25881 | 23360 | 20676 |
| 10° | 23073 | 28715 | 23237 | 17924 |
| 15° | 22625 | 30127 | 23008 | 14121 |
| 20° | 22074 | 26118 | 22554 | 12219 |
| 25° | 21394 | 17130 | 21857 | 10911 |
| 30° | 20512 | 11530 | 21069 | 9874  |
| 35° | 19424 | 9339  | 20053 | 8906  |
| 40° | 18207 | 8305  | 18984 | 8241  |
| 45° | 16899 | 7515  | 17604 | 7356  |
| 50° | 15559 | 6839  | 16285 | 6814  |
| 55° | 14066 | 6430  | 14825 | 6345  |
| 60° | 12755 | 5379  | 13430 | 5315  |
| 65° | 11547 | 4536  | 12233 | 5143  |
| 70° | 10219 | 4188  | 11020 | 4850  |
| 75° | 8838  | 3920  | 9645  | 4483  |
| 80° | 7329  | 3619  | 7885  | 3984  |
| 85° | 5721  | 3324  | 6284  | 3505  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 25439 cd/sqm

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CATALOG NUMBER: S122RDRP-B675DB2750-4F0-XX-W2A-A\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 138.9  | 5.5       |
| 10°-20°   | 387.6  | 15.3      |
| 20°-30°   | 498.8  | 19.7      |
| 30°-40°   | 473.3  | 18.7      |
| 40°-50°   | 405.6  | 16.0      |
| 50°-60°   | 308.9  | 12.2      |
| 60°-70°   | 194.8  | 7.7       |
| 70°-80°   | 97.2   | 3.8       |
| 80°-90°   | 25.0   | 1.0       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1025.3 | 40.5      |
| 0°-40°    | 1498.6 | 59.2      |
| 0°-60°    | 2213.0 | 87.5      |
| 0°-90°    | 2530.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2530.0 | 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   | 38   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P996049

CATALOG NUMBER: S122RDRP-B675DB2750-4F0-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°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)