

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: P1012205

Luminaire Tested: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012205  
REPORT IS A COMBINATION OF REPORTS P992841 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4  
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

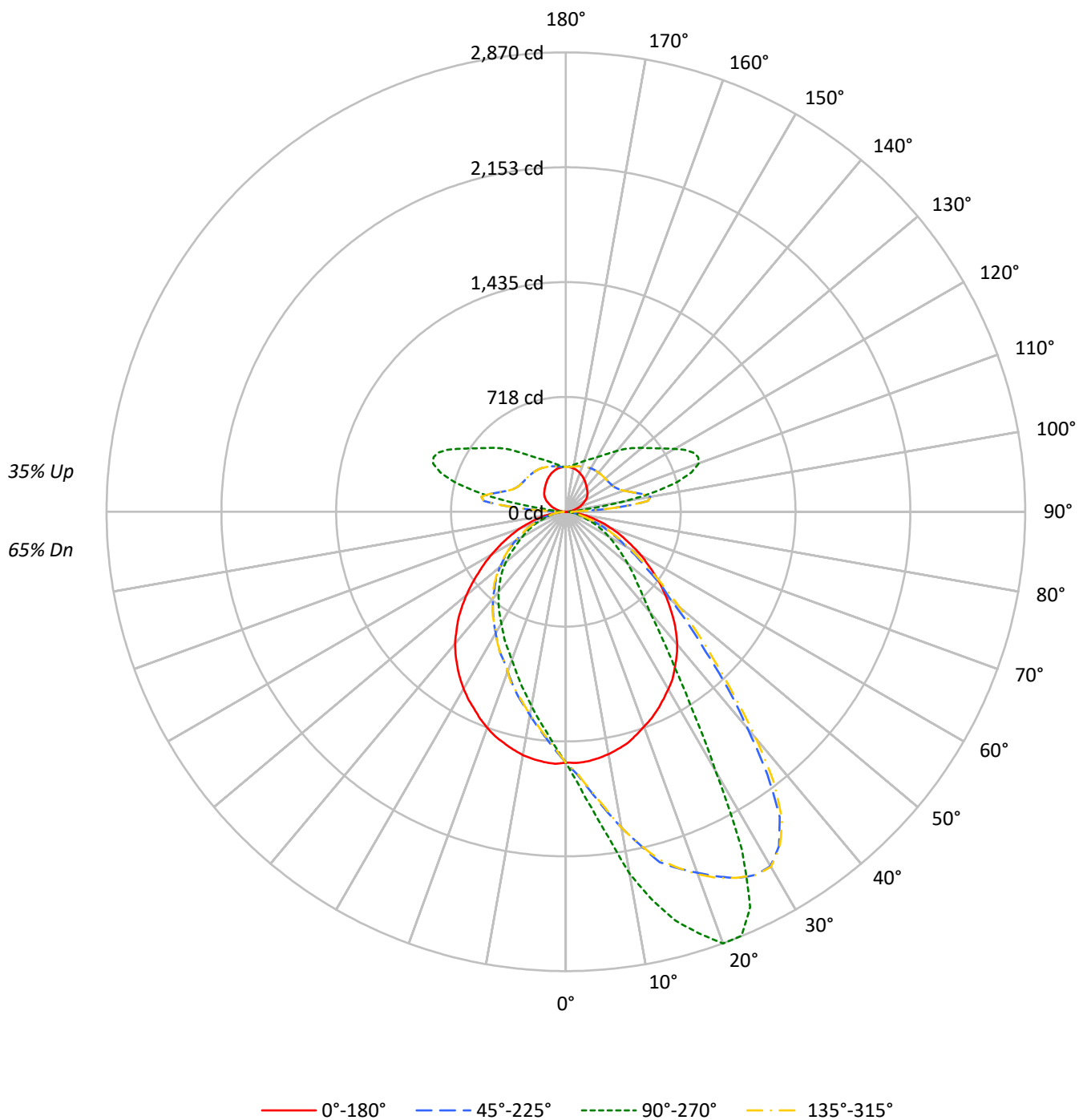
Lumens per Lamp: N/A  
Luminaire Lumens: 6008.0 lumens  
Efficiency: N/A  
Efficacy: 96.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 62.2  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1012205

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 80 | 80 | 80 | 70 | 70 | 70 | 65 |    |    |    |
| 1   | 102 | 98  | 94  | 91  | 96  | 92  | 89  | 86  | 82 | 79 | 77 | 72 | 70 | 69 | 63 | 62 | 61 | 56 |    |    |    |
| 2   | 93  | 86  | 80  | 75  | 88  | 81  | 76  | 72  | 72 | 68 | 65 | 64 | 61 | 58 | 56 | 54 | 52 | 48 |    |    |    |
| 3   | 86  | 77  | 69  | 64  | 80  | 72  | 66  | 61  | 65 | 60 | 56 | 57 | 54 | 50 | 51 | 48 | 45 | 42 |    |    |    |
| 4   | 79  | 68  | 61  | 55  | 74  | 65  | 58  | 52  | 58 | 52 | 48 | 52 | 47 | 44 | 46 | 42 | 40 | 37 |    |    |    |
| 5   | 73  | 61  | 53  | 47  | 68  | 58  | 51  | 46  | 52 | 46 | 42 | 47 | 42 | 38 | 42 | 38 | 35 | 32 |    |    |    |
| 6   | 67  | 55  | 47  | 42  | 63  | 53  | 45  | 40  | 47 | 41 | 37 | 43 | 38 | 34 | 38 | 34 | 31 | 29 |    |    |    |
| 7   | 62  | 50  | 42  | 37  | 59  | 48  | 41  | 36  | 43 | 37 | 33 | 39 | 34 | 30 | 35 | 31 | 28 | 26 |    |    |    |
| 8   | 58  | 46  | 38  | 33  | 55  | 44  | 37  | 32  | 40 | 34 | 30 | 36 | 31 | 27 | 32 | 28 | 25 | 23 |    |    |    |
| 9   | 54  | 42  | 35  | 30  | 51  | 40  | 33  | 29  | 36 | 31 | 27 | 33 | 28 | 25 | 30 | 26 | 23 | 21 |    |    |    |
| 10  | 51  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 34 | 28 | 24 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |    |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16863 | 16863 | 16863 | 16863 |
| 5°  | 16876 | 19422 | 16919 | 14409 |
| 10° | 16727 | 23445 | 16800 | 12585 |
| 15° | 16554 | 26609 | 16554 | 11097 |
| 20° | 16216 | 28701 | 16306 | 9844  |
| 25° | 15967 | 27268 | 15936 | 8982  |
| 30° | 15678 | 18893 | 15645 | 8139  |
| 35° | 15329 | 12130 | 15261 | 7504  |
| 40° | 14897 | 8566  | 14824 | 6872  |
| 45° | 14143 | 6854  | 14123 | 6256  |
| 50° | 13217 | 5735  | 13173 | 5536  |
| 55° | 12176 | 4726  | 12078 | 4694  |
| 60° | 11153 | 3907  | 11043 | 3992  |
| 65° | 9955  | 3126  | 10020 | 3384  |
| 70° | 8846  | 2173  | 9085  | 2735  |
| 75° | 7501  | 1612  | 7806  | 2104  |
| 80° | 5972  | 1068  | 6482  | 1578  |
| 85° | 4255  | 505   | 4639  | 982   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22513 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 153.9  | 2.6       |
| 10°-20°   | 481.6  | 8.0       |
| 20°-30°   | 758.5  | 12.6      |
| 30°-40°   | 788.7  | 13.1      |
| 40°-50°   | 674.8  | 11.2      |
| 50°-60°   | 514.5  | 8.6       |
| 60°-70°   | 329.6  | 5.5       |
| 70°-80°   | 157.9  | 2.6       |
| 80°-90°   | 43.1   | 0.7       |
| 90°-100°  | 151.9  | 2.5       |
| 100°-110° | 444.7  | 7.4       |
| 110°-120° | 434.2  | 7.2       |
| 120°-130° | 345.8  | 5.8       |
| 130°-140° | 272.8  | 4.5       |
| 140°-150° | 203.5  | 3.4       |
| 150°-160° | 141.9  | 2.4       |
| 160°-170° | 83.4   | 1.4       |
| 170°-180° | 27.1   | 0.5       |
| 0°-30°    | 1394.0 | 23.2      |
| 0°-40°    | 2182.7 | 36.3      |
| 0°-60°    | 3372.0 | 56.1      |
| 0°-90°    | 3902.6 | 65.0      |
| 90°-120°  | 1030.8 | 17.2      |
| 90°-150°  | 1853.0 | 30.8      |
| 90°-180°  | 2105.0 | 35.0      |
| 0°-180°   | 6008.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1567 | 1567 | 1567 | 1567 | 1567 |      |
| 5°   | 1565 | 1860 | 1569 | 1380 | 1565 | 148  |
| 15°  | 1496 | 2644 | 1496 | 1102 | 1496 | 421  |
| 25°  | 1360 | 2724 | 1357 | 897  | 1360 | 626  |
| 35°  | 1187 | 1182 | 1182 | 731  | 1187 | 743  |
| 45°  | 952  | 630  | 951  | 575  | 952  | 733  |
| 55°  | 672  | 396  | 667  | 393  | 672  | 602  |
| 65°  | 412  | 228  | 414  | 247  | 412  | 411  |
| 75°  | 197  | 97   | 205  | 126  | 197  | 213  |
| 85°  | 44   | 23   | 48   | 44   | 44   | 49   |
| 90°  | 1    | 16   | 1    | 16   | 1    | 4    |
| 95°  | 19   | 66   | 19   | 66   | 19   | 20   |
| 105° | 66   | 721  | 66   | 721  | 66   | 70   |
| 115° | 116  | 876  | 116  | 876  | 116  | 115  |
| 125° | 162  | 691  | 162  | 691  | 162  | 143  |
| 135° | 189  | 560  | 189  | 560  | 189  | 146  |
| 145° | 216  | 438  | 216  | 438  | 216  | 135  |
| 155° | 245  | 363  | 245  | 363  | 245  | 113  |
| 165° | 268  | 317  | 268  | 317  | 268  | 76   |
| 175° | 279  | 285  | 279  | 285  | 279  | 27   |
| 180° | 280  | 280  | 280  | 280  | 280  |      |

TEST NUMBER: P1012205

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1570.7 | 1581.4 | 1589.4 | 1594.8 | 1608.2 | 1616.3 | 1623.0 | 1635.0 | 1635.0 | 1637.7 | 1643.1 |
| 5°     | 1565.3 | 1588.1 | 1604.2 | 1625.6 | 1653.8 | 1667.2 | 1686.0 | 1702.1 | 1724.9 | 1737.0 | 1749.0 |
| 7.5°   | 1553.2 | 1585.4 | 1618.9 | 1651.1 | 1692.7 | 1719.5 | 1738.3 | 1779.9 | 1809.4 | 1845.6 | 1873.8 |
| 10°    | 1537.1 | 1581.4 | 1624.3 | 1673.9 | 1730.3 | 1770.5 | 1798.7 | 1853.7 | 1910.0 | 1961.0 | 2003.9 |
| 12.5°  | 1517.0 | 1570.7 | 1632.4 | 1692.7 | 1771.8 | 1812.1 | 1857.7 | 1926.1 | 2006.6 | 2071.0 | 2128.6 |
| 15°    | 1495.5 | 1557.2 | 1627.0 | 1700.8 | 1800.0 | 1856.4 | 1922.1 | 2005.2 | 2095.1 | 2187.7 | 2266.8 |
| 17.5°  | 1462.0 | 1539.8 | 1617.6 | 1724.9 | 1841.6 | 1875.1 | 1931.5 | 2045.5 | 2156.8 | 2240.0 | 2336.5 |
| 20°    | 1428.5 | 1515.7 | 1613.6 | 1710.2 | 1836.2 | 1914.0 | 1966.3 | 2087.1 | 2206.4 | 2307.0 | 2399.6 |
| 22.5°  | 1397.6 | 1488.8 | 1590.8 | 1712.8 | 1830.9 | 1908.7 | 1974.4 | 2100.5 | 2238.6 | 2351.3 | 2465.3 |
| 25°    | 1360.1 | 1459.3 | 1572.0 | 1687.3 | 1830.9 | 1889.9 | 1962.3 | 2108.5 | 2254.7 | 2384.8 | 2525.7 |
| 27.5°  | 1319.8 | 1420.4 | 1531.8 | 1649.8 | 1781.2 | 1868.4 | 1939.5 | 2096.4 | 2274.8 | 2414.3 | 2559.2 |
| 30°    | 1279.6 | 1382.9 | 1490.2 | 1596.1 | 1743.7 | 1826.8 | 1908.7 | 2081.7 | 2285.6 | 2445.2 | 2556.5 |
| 32.5°  | 1240.7 | 1327.9 | 1433.8 | 1537.1 | 1683.3 | 1774.5 | 1867.1 | 2066.9 | 2289.6 | 2423.7 | 2477.4 |
| 35°    | 1187.0 | 1278.3 | 1364.1 | 1474.1 | 1621.6 | 1711.5 | 1820.1 | 2065.6 | 2272.2 | 2355.3 | 2328.5 |
| 37.5°  | 1137.4 | 1213.9 | 1295.7 | 1393.6 | 1545.2 | 1661.9 | 1774.5 | 2030.7 | 2214.5 | 2219.8 | 2068.3 |
| 40°    | 1082.4 | 1145.5 | 1213.9 | 1317.2 | 1480.8 | 1596.1 | 1718.2 | 1977.1 | 2109.9 | 2030.7 | 1763.8 |
| 42.5°  | 1019.4 | 1075.7 | 1129.4 | 1230.0 | 1408.4 | 1537.1 | 1668.6 | 1910.0 | 1958.3 | 1775.9 | 1498.2 |
| 45°    | 952.3  | 997.9  | 1047.6 | 1153.5 | 1331.9 | 1459.3 | 1590.8 | 1806.7 | 1757.1 | 1499.6 | 1235.3 |
| 47.5°  | 882.6  | 921.5  | 969.8  | 1066.3 | 1250.1 | 1380.2 | 1504.9 | 1659.2 | 1533.1 | 1256.8 | 1035.5 |
| 50°    | 812.8  | 843.7  | 890.6  | 989.9  | 1166.9 | 1285.0 | 1400.3 | 1500.9 | 1323.9 | 1078.4 | 855.7  |
| 52.5°  | 744.4  | 768.6  | 816.8  | 901.3  | 1073.0 | 1185.7 | 1268.9 | 1307.8 | 1128.0 | 890.6  | 743.1  |
| 55°    | 672.0  | 698.8  | 731.0  | 816.8  | 987.2  | 1070.4 | 1125.3 | 1124.0 | 938.9  | 755.1  | 614.3  |
| 57.5°  | 602.2  | 626.4  | 654.6  | 740.4  | 878.5  | 934.9  | 981.8  | 959.0  | 783.3  | 618.3  | 527.1  |
| 60°    | 540.5  | 554.0  | 584.8  | 657.2  | 761.9  | 810.1  | 837.0  | 798.1  | 639.8  | 521.8  | 435.9  |
| 62.5°  | 473.5  | 486.9  | 512.4  | 580.8  | 645.2  | 670.6  | 693.4  | 643.8  | 528.5  | 425.2  | 372.9  |
| 65°    | 411.8  | 429.2  | 445.3  | 500.3  | 535.2  | 566.0  | 563.3  | 521.8  | 413.1  | 346.1  | 303.1  |
| 67.5°  | 358.1  | 364.8  | 378.2  | 411.8  | 427.9  | 450.7  | 452.0  | 405.1  | 332.6  | 281.7  | 256.2  |
| 70°    | 300.4  | 307.2  | 316.5  | 332.6  | 343.4  | 348.7  | 346.1  | 304.5  | 250.8  | 220.0  | 197.2  |
| 72.5°  | 250.8  | 249.5  | 256.2  | 256.2  | 266.9  | 265.6  | 257.5  | 225.3  | 190.5  | 165.0  | 151.6  |
| 75°    | 197.2  | 198.5  | 199.9  | 197.2  | 193.1  | 187.8  | 181.1  | 156.9  | 134.1  | 122.1  | 110.0  |
| 77.5°  | 154.2  | 151.6  | 152.9  | 143.5  | 138.2  | 132.8  | 123.4  | 111.3  | 92.5   | 89.9   | 84.5   |
| 80°    | 110.0  | 108.6  | 107.3  | 103.3  | 91.2   | 85.8   | 79.1   | 72.4   | 68.4   | 65.7   | 64.4   |
| 82.5°  | 73.8   | 73.8   | 71.1   | 63.0   | 56.3   | 52.3   | 51.0   | 48.3   | 44.3   | 44.3   | 42.9   |
| 85°    | 44.3   | 42.9   | 40.2   | 32.2   | 28.2   | 28.2   | 28.2   | 28.2   | 25.5   | 25.5   | 24.1   |
| 87.5°  | 17.4   | 16.1   | 12.1   | 12.1   | 10.7   | 10.7   | 10.7   | 9.4    | 9.4    | 8.0    | 8.0    |
| 90°    | 1.1    | 2.3    | 3.4    | 5.1    | 6.2    | 6.8    | 7.4    | 9.1    | 10.8   | 12.5   | 14.2   |
| 92.5°  | 8.5    | 12.5   | 18.1   | 23.2   | 28.9   | 34.0   | 39.1   | 57.2   | 87.3   | 116.7  | 105.4  |
| 95°    | 19.3   | 21.0   | 27.2   | 36.8   | 51.6   | 62.6   | 73.7   | 121.8  | 206.2  | 299.2  | 336.0  |
| 97.5°  | 30.6   | 31.2   | 36.3   | 44.8   | 59.5   | 71.7   | 83.9   | 131.5  | 229.5  | 385.9  | 516.7  |
| 100°   | 41.9   | 42.5   | 46.5   | 54.4   | 68.0   | 79.0   | 90.1   | 129.8  | 213.6  | 362.6  | 536.6  |
| 102.5° | 53.8   | 55.0   | 58.4   | 65.7   | 77.6   | 87.6   | 97.5   | 132.0  | 200.0  | 328.6  | 499.7  |
| 105°   | 65.7   | 67.4   | 70.8   | 77.6   | 88.4   | 97.2   | 106.0  | 136.6  | 194.9  | 302.0  | 455.5  |
| 107.5° | 78.2   | 79.9   | 83.3   | 90.1   | 100.3  | 108.5  | 116.7  | 143.9  | 193.8  | 282.7  | 416.5  |
| 110°   | 91.8   | 93.5   | 96.3   | 102.6  | 112.2  | 120.2  | 128.1  | 153.5  | 196.6  | 272.5  | 384.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 104.3 | 106.0 | 108.8 | 115.0 | 124.7 | 132.4 | 140.0 | 163.2 | 202.3 | 266.9 | 362.6 |
| 115°   | 116.2 | 118.4 | 121.8 | 127.5 | 137.1 | 144.8 | 152.4 | 173.9 | 208.5 | 266.3 | 348.5 |
| 117.5° | 128.1 | 130.9 | 133.7 | 138.8 | 149.6 | 156.6 | 163.7 | 185.3 | 216.4 | 266.9 | 338.8 |
| 120°   | 140.5 | 142.2 | 145.1 | 150.7 | 161.5 | 168.6 | 175.6 | 196.0 | 225.5 | 269.1 | 332.6 |
| 122.5° | 151.3 | 153.0 | 155.8 | 162.0 | 172.2 | 179.8 | 187.5 | 207.4 | 234.0 | 273.1 | 328.6 |
| 125°   | 161.5 | 162.6 | 166.0 | 172.2 | 183.0 | 190.6 | 198.3 | 218.1 | 243.1 | 277.1 | 325.2 |
| 127.5° | 169.4 | 171.1 | 175.1 | 181.3 | 193.2 | 200.8 | 208.5 | 227.8 | 250.4 | 281.6 | 323.5 |
| 130°   | 176.8 | 178.5 | 183.6 | 190.4 | 202.3 | 210.0 | 217.6 | 236.3 | 257.8 | 286.1 | 321.8 |
| 132.5° | 182.4 | 184.7 | 190.4 | 198.9 | 210.8 | 218.2 | 225.5 | 243.6 | 264.6 | 289.5 | 321.3 |
| 135°   | 189.2 | 191.5 | 197.7 | 206.2 | 218.1 | 225.8 | 233.4 | 251.0 | 270.3 | 292.9 | 320.7 |
| 137.5° | 195.5 | 197.7 | 204.0 | 213.0 | 224.9 | 232.0 | 239.1 | 256.1 | 274.8 | 295.2 | 319.6 |
| 140°   | 201.7 | 204.5 | 210.2 | 219.3 | 230.6 | 237.7 | 244.8 | 261.2 | 278.2 | 297.5 | 319.0 |
| 142.5° | 208.5 | 210.8 | 217.0 | 224.9 | 236.3 | 242.8 | 249.3 | 265.2 | 281.6 | 299.2 | 317.9 |
| 145°   | 215.9 | 217.6 | 222.7 | 231.2 | 240.8 | 247.3 | 253.8 | 268.6 | 283.9 | 299.7 | 316.7 |
| 147.5° | 223.2 | 224.4 | 229.5 | 236.8 | 246.5 | 252.2 | 257.8 | 271.4 | 285.6 | 299.7 | 315.0 |
| 150°   | 230.6 | 231.2 | 235.7 | 243.1 | 251.0 | 256.1 | 261.2 | 274.2 | 286.1 | 299.7 | 312.8 |
| 152.5° | 238.0 | 238.0 | 242.5 | 248.7 | 255.5 | 260.4 | 265.2 | 275.9 | 287.3 | 298.0 | 309.9 |
| 155°   | 245.3 | 245.3 | 248.7 | 254.4 | 260.6 | 264.6 | 268.6 | 278.2 | 287.3 | 296.9 | 306.5 |
| 157.5° | 251.0 | 251.6 | 254.4 | 259.5 | 265.2 | 268.3 | 271.4 | 279.3 | 287.8 | 295.2 | 303.7 |
| 160°   | 257.8 | 257.8 | 260.1 | 264.6 | 268.6 | 271.4 | 274.2 | 281.0 | 287.8 | 294.1 | 300.3 |
| 162.5° | 262.9 | 262.9 | 264.6 | 268.0 | 271.4 | 273.6 | 275.9 | 281.6 | 287.3 | 291.8 | 296.9 |
| 165°   | 268.0 | 267.4 | 268.6 | 271.4 | 273.7 | 275.6 | 277.6 | 282.2 | 286.1 | 289.5 | 293.5 |
| 167.5° | 272.0 | 271.4 | 272.0 | 274.2 | 275.9 | 277.4 | 278.8 | 282.2 | 285.6 | 287.3 | 290.1 |
| 170°   | 275.4 | 274.2 | 274.8 | 276.5 | 277.6 | 278.2 | 278.8 | 281.6 | 283.9 | 285.0 | 286.7 |
| 172.5° | 277.6 | 277.1 | 277.1 | 278.2 | 278.8 | 279.0 | 279.3 | 281.6 | 283.3 | 283.3 | 283.9 |
| 175°   | 279.3 | 278.8 | 278.2 | 279.3 | 279.3 | 279.6 | 279.9 | 281.0 | 282.2 | 281.6 | 281.6 |
| 177.5° | 280.5 | 279.9 | 279.3 | 279.9 | 279.9 | 279.9 | 279.9 | 280.5 | 281.6 | 280.5 | 279.9 |
| 180°   | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1653.8 | 1653.8 | 1665.9 | 1678.0 | 1671.3 | 1675.3 | 1690.0 | 1684.7 | 1695.4 | 1694.1 | 1698.1 |
| 5°     | 1778.6 | 1793.3 | 1805.4 | 1830.9 | 1834.9 | 1830.9 | 1856.4 | 1863.1 | 1875.1 | 1860.4 | 1867.1 |
| 7.5°   | 1919.4 | 1950.2 | 1979.8 | 2017.3 | 2029.4 | 2032.1 | 2045.5 | 2064.3 | 2080.3 | 2050.8 | 2065.6 |
| 10°    | 2056.2 | 2103.1 | 2163.5 | 2197.0 | 2226.5 | 2237.3 | 2248.0 | 2260.1 | 2278.9 | 2296.3 | 2282.9 |
| 12.5°  | 2203.7 | 2272.2 | 2329.8 | 2390.2 | 2426.4 | 2422.4 | 2453.2 | 2461.3 | 2476.0 | 2480.1 | 2485.4 |
| 15°    | 2324.5 | 2421.0 | 2457.3 | 2547.1 | 2555.2 | 2582.0 | 2616.9 | 2647.7 | 2651.7 | 2643.7 | 2643.7 |
| 17.5°  | 2439.8 | 2523.0 | 2587.4 | 2659.8 | 2674.5 | 2697.3 | 2741.6 | 2756.4 | 2761.7 | 2760.4 | 2760.4 |
| 20°    | 2533.7 | 2588.7 | 2697.3 | 2757.7 | 2781.8 | 2811.4 | 2842.2 | 2861.0 | 2865.0 | 2870.4 | 2862.3 |
| 22.5°  | 2595.4 | 2678.6 | 2767.1 | 2816.7 | 2836.8 | 2847.6 | 2867.7 | 2873.1 | 2866.3 | 2867.7 | 2869.0 |
| 25°    | 2643.7 | 2725.5 | 2779.2 | 2792.6 | 2791.2 | 2777.8 | 2763.1 | 2737.6 | 2734.9 | 2724.2 | 2702.7 |
| 27.5°  | 2657.1 | 2688.0 | 2681.2 | 2626.3 | 2571.3 | 2565.9 | 2477.4 | 2429.1 | 2374.1 | 2382.1 | 2351.3 |
| 30°    | 2584.7 | 2544.4 | 2449.2 | 2309.7 | 2252.0 | 2158.1 | 2058.9 | 1955.6 | 1915.4 | 1871.1 | 1952.9 |
| 32.5°  | 2407.6 | 2264.1 | 2095.1 | 1914.0 | 1817.5 | 1734.3 | 1628.3 | 1553.2 | 1510.3 | 1474.1 | 1543.8 |
| 35°    | 2140.7 | 1916.7 | 1692.7 | 1521.0 | 1441.9 | 1366.8 | 1267.5 | 1230.0 | 1176.3 | 1181.7 | 1188.4 |
| 37.5°  | 1797.3 | 1550.5 | 1381.5 | 1212.5 | 1160.2 | 1129.4 | 1056.9 | 999.3  | 980.5  | 975.1  | 975.1  |
| 40°    | 1475.4 | 1272.9 | 1122.7 | 989.9  | 949.6  | 924.2  | 866.5  | 839.7  | 819.5  | 814.2  | 820.9  |
| 42.5°  | 1220.6 | 1047.6 | 930.9  | 842.3  | 814.2  | 782.0  | 757.8  | 724.3  | 720.3  | 710.9  | 723.0  |
| 45°    | 1024.7 | 874.5  | 787.3  | 723.0  | 698.8  | 686.7  | 659.9  | 639.8  | 631.7  | 630.4  | 639.8  |
| 47.5°  | 869.2  | 752.5  | 676.0  | 635.8  | 617.0  | 604.9  | 582.1  | 574.1  | 566.0  | 568.7  | 564.7  |
| 50°    | 729.7  | 642.5  | 592.9  | 556.6  | 544.6  | 532.5  | 517.7  | 509.7  | 505.7  | 505.7  | 504.3  |
| 52.5°  | 626.4  | 554.0  | 521.8  | 488.2  | 482.9  | 476.2  | 460.1  | 454.7  | 448.0  | 446.7  | 452.0  |
| 55°    | 536.5  | 486.9  | 454.7  | 434.6  | 429.2  | 415.8  | 409.1  | 402.4  | 398.4  | 395.7  | 397.0  |
| 57.5°  | 458.7  | 421.2  | 399.7  | 382.3  | 372.9  | 367.5  | 355.4  | 354.1  | 351.4  | 351.4  | 350.1  |
| 60°    | 394.3  | 367.5  | 342.0  | 331.3  | 324.6  | 317.9  | 316.5  | 308.5  | 304.5  | 307.2  | 305.8  |
| 62.5°  | 334.0  | 312.5  | 297.8  | 285.7  | 281.7  | 276.3  | 272.3  | 269.6  | 265.6  | 266.9  | 266.9  |
| 65°    | 279.0  | 261.6  | 250.8  | 240.1  | 238.8  | 233.4  | 232.0  | 229.4  | 229.4  | 228.0  | 230.7  |
| 67.5°  | 229.4  | 217.3  | 207.9  | 201.2  | 197.2  | 198.5  | 193.1  | 189.1  | 189.1  | 187.8  | 191.8  |
| 70°    | 182.4  | 175.7  | 166.3  | 158.3  | 152.9  | 152.9  | 146.2  | 144.9  | 144.9  | 144.9  | 143.5  |
| 72.5°  | 140.8  | 128.8  | 124.7  | 122.1  | 122.1  | 122.1  | 119.4  | 119.4  | 118.0  | 119.4  | 118.0  |
| 75°    | 104.6  | 103.3  | 100.6  | 99.3   | 99.3   | 97.9   | 96.6   | 96.6   | 96.6   | 96.6   | 96.6   |
| 77.5°  | 81.8   | 81.8   | 79.1   | 77.8   | 77.8   | 77.8   | 76.5   | 76.5   | 75.1   | 75.1   | 75.1   |
| 80°    | 60.4   | 60.4   | 57.7   | 57.7   | 57.7   | 56.3   | 56.3   | 56.3   | 57.7   | 56.3   | 56.3   |
| 82.5°  | 41.6   | 41.6   | 40.2   | 41.6   | 40.2   | 38.9   | 38.9   | 38.9   | 37.6   | 38.9   | 38.9   |
| 85°    | 24.1   | 24.1   | 22.8   | 21.5   | 22.8   | 22.8   | 21.5   | 22.8   | 21.5   | 22.8   | 21.5   |
| 87.5°  | 9.4    | 8.0    | 8.0    | 8.0    | 6.7    | 8.0    | 6.7    | 6.7    | 8.0    | 6.7    | 8.0    |
| 90°    | 13.6   | 14.2   | 14.7   | 15.3   | 15.8   | 16.4   | 15.9   | 16.4   | 17.0   | 16.4   | 17.0   |
| 92.5°  | 78.8   | 56.1   | 43.6   | 38.0   | 36.0   | 34.0   | 32.9   | 30.6   | 31.2   | 30.0   | 31.2   |
| 95°    | 272.5  | 204.0  | 138.3  | 108.2  | 98.0   | 87.8   | 77.1   | 72.0   | 68.0   | 65.7   | 68.0   |
| 97.5°  | 534.3  | 468.6  | 353.6  | 278.8  | 246.5  | 214.2  | 176.2  | 154.7  | 141.1  | 134.9  | 141.1  |
| 100°   | 648.2  | 668.0  | 622.1  | 555.8  | 515.6  | 475.4  | 418.2  | 376.8  | 354.7  | 355.3  | 354.7  |
| 102.5° | 653.9  | 734.3  | 743.9  | 712.2  | 690.4  | 668.6  | 627.2  | 596.6  | 579.1  | 562.6  | 579.1  |
| 105°   | 618.2  | 736.6  | 793.2  | 804.0  | 796.6  | 789.3  | 763.2  | 741.7  | 723.6  | 720.7  | 723.6  |
| 107.5° | 567.2  | 702.6  | 791.5  | 835.7  | 843.4  | 851.0  | 847.6  | 837.4  | 830.1  | 823.8  | 830.1  |
| 110°   | 519.6  | 649.3  | 753.6  | 825.0  | 844.8  | 864.6  | 880.5  | 885.0  | 883.9  | 882.8  | 883.9  |



TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 478.2 | 596.6 | 703.7 | 785.9 | 812.8 | 839.7 | 872.0 | 888.4 | 894.1 | 894.7 | 894.1 |
| 115°   | 446.5 | 551.3 | 649.9 | 733.2 | 764.0 | 794.9 | 837.4 | 862.4 | 873.7 | 876.5 | 873.7 |
| 117.5° | 425.5 | 516.2 | 603.4 | 679.9 | 711.9 | 743.9 | 788.1 | 815.9 | 832.9 | 836.9 | 832.9 |
| 120°   | 409.7 | 489.5 | 566.0 | 634.0 | 662.6 | 691.3 | 736.0 | 767.7 | 781.3 | 784.7 | 781.3 |
| 122.5° | 396.6 | 468.6 | 536.0 | 597.8 | 623.8 | 649.9 | 688.4 | 716.2 | 731.5 | 736.0 | 731.5 |
| 125°   | 385.9 | 450.4 | 512.2 | 566.6 | 589.2 | 611.9 | 648.2 | 673.1 | 687.3 | 691.3 | 687.3 |
| 127.5° | 375.7 | 434.0 | 490.1 | 540.0 | 561.0 | 581.9 | 614.8 | 636.3 | 649.3 | 652.7 | 649.3 |
| 130°   | 367.7 | 418.7 | 469.7 | 515.6 | 534.8 | 554.1 | 584.2 | 604.6 | 616.5 | 621.0 | 616.5 |
| 132.5° | 360.4 | 404.6 | 450.4 | 492.4 | 510.5 | 528.6 | 556.4 | 576.8 | 587.0 | 589.8 | 587.0 |
| 135°   | 354.1 | 392.1 | 432.3 | 469.1 | 485.2 | 501.4 | 529.2 | 546.2 | 556.4 | 560.4 | 556.4 |
| 137.5° | 348.5 | 380.2 | 414.2 | 447.0 | 461.4 | 475.9 | 499.7 | 517.3 | 525.8 | 529.2 | 525.8 |
| 140°   | 343.4 | 370.0 | 398.9 | 426.1 | 438.2 | 450.4 | 472.0 | 487.8 | 496.9 | 496.3 | 496.9 |
| 142.5° | 338.8 | 360.4 | 384.2 | 406.8 | 417.0 | 427.2 | 444.8 | 458.4 | 466.3 | 465.7 | 466.3 |
| 145°   | 334.9 | 353.0 | 371.7 | 389.8 | 398.0 | 406.3 | 420.4 | 432.3 | 436.9 | 438.0 | 436.9 |
| 147.5° | 330.9 | 346.8 | 362.1 | 377.4 | 383.4 | 389.3 | 400.6 | 409.1 | 413.6 | 414.2 | 413.6 |
| 150°   | 326.9 | 340.0 | 353.0 | 364.9 | 370.3 | 375.7 | 384.2 | 390.4 | 393.8 | 393.8 | 393.8 |
| 152.5° | 322.4 | 333.7 | 344.5 | 354.7 | 359.0 | 363.2 | 369.4 | 375.1 | 376.8 | 376.8 | 376.8 |
| 155°   | 317.9 | 327.5 | 336.6 | 345.1 | 348.5 | 351.9 | 357.0 | 361.5 | 362.6 | 363.2 | 362.6 |
| 157.5° | 312.8 | 320.7 | 328.6 | 335.4 | 338.2 | 341.1 | 345.6 | 349.0 | 350.2 | 350.2 | 350.2 |
| 160°   | 307.7 | 315.0 | 321.3 | 326.9 | 328.9 | 330.9 | 334.9 | 338.3 | 338.3 | 337.7 | 338.3 |
| 162.5° | 302.6 | 308.2 | 313.3 | 318.4 | 320.1 | 321.8 | 324.1 | 326.9 | 326.9 | 326.4 | 326.9 |
| 165°   | 298.0 | 302.6 | 306.0 | 309.9 | 311.4 | 312.8 | 315.0 | 317.3 | 316.7 | 316.7 | 316.7 |
| 167.5° | 293.5 | 297.5 | 300.3 | 302.6 | 303.7 | 304.8 | 306.0 | 307.7 | 307.1 | 307.1 | 307.1 |
| 170°   | 289.5 | 292.4 | 294.1 | 296.3 | 296.9 | 297.5 | 298.0 | 299.2 | 298.6 | 298.6 | 298.6 |
| 172.5° | 285.6 | 287.8 | 289.0 | 290.7 | 291.0 | 291.2 | 291.2 | 292.4 | 291.2 | 290.7 | 291.2 |
| 175°   | 282.7 | 283.9 | 284.4 | 285.6 | 285.6 | 285.6 | 285.6 | 286.1 | 285.6 | 285.0 | 285.6 |
| 177.5° | 280.5 | 281.0 | 281.6 | 282.2 | 282.2 | 282.2 | 281.6 | 282.2 | 281.0 | 281.0 | 281.0 |
| 180°   | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1691.4 | 1683.3 | 1678.0 | 1673.9 | 1669.9 | 1682.0 | 1665.9 | 1648.5 | 1636.4 | 1628.3 | 1625.6 |
| 5°     | 1868.4 | 1851.0 | 1836.2 | 1824.2 | 1826.8 | 1826.8 | 1798.7 | 1767.8 | 1741.0 | 1726.2 | 1710.2 |
| 7.5°   | 2073.6 | 2054.9 | 2025.4 | 2018.6 | 2013.3 | 1979.8 | 1951.6 | 1895.2 | 1861.7 | 1828.2 | 1798.7 |
| 10°    | 2277.5 | 2253.4 | 2225.2 | 2215.8 | 2202.4 | 2160.8 | 2117.9 | 2045.5 | 2003.9 | 1942.2 | 1903.3 |
| 12.5°  | 2468.0 | 2438.5 | 2410.3 | 2403.6 | 2383.5 | 2347.3 | 2273.5 | 2198.4 | 2127.3 | 2061.6 | 1993.2 |
| 15°    | 2627.6 | 2619.5 | 2576.6 | 2549.8 | 2505.5 | 2455.9 | 2439.8 | 2337.9 | 2248.0 | 2179.6 | 2056.2 |
| 17.5°  | 2761.7 | 2724.2 | 2683.9 | 2666.5 | 2649.1 | 2591.4 | 2533.7 | 2429.1 | 2332.5 | 2231.9 | 2152.8 |
| 20°    | 2869.0 | 2827.4 | 2799.3 | 2773.8 | 2765.7 | 2700.0 | 2608.8 | 2516.3 | 2410.3 | 2297.6 | 2194.4 |
| 22.5°  | 2874.4 | 2869.0 | 2850.3 | 2835.5 | 2819.4 | 2776.5 | 2704.0 | 2588.7 | 2476.0 | 2352.6 | 2217.2 |
| 25°    | 2763.1 | 2755.0 | 2808.7 | 2795.3 | 2806.0 | 2789.9 | 2751.0 | 2654.4 | 2523.0 | 2378.1 | 2241.3 |
| 27.5°  | 2427.7 | 2509.6 | 2594.1 | 2623.6 | 2643.7 | 2701.4 | 2720.1 | 2666.5 | 2560.5 | 2406.3 | 2253.4 |
| 30°    | 1971.7 | 2080.3 | 2217.2 | 2290.9 | 2347.3 | 2454.6 | 2594.1 | 2611.5 | 2561.9 | 2438.5 | 2250.7 |
| 32.5°  | 1547.9 | 1647.1 | 1757.1 | 1844.3 | 1919.4 | 2139.4 | 2327.1 | 2462.6 | 2486.8 | 2422.4 | 2257.4 |
| 35°    | 1247.4 | 1290.3 | 1394.9 | 1478.1 | 1580.0 | 1767.8 | 1989.1 | 2207.8 | 2355.3 | 2363.4 | 2237.3 |
| 37.5°  | 1028.8 | 1051.6 | 1142.8 | 1189.7 | 1250.1 | 1415.1 | 1621.6 | 1907.3 | 2136.7 | 2245.3 | 2180.9 |
| 40°    | 851.7  | 904.0  | 956.3  | 983.2  | 1026.1 | 1140.1 | 1338.6 | 1562.6 | 1847.0 | 2048.2 | 2093.8 |
| 42.5°  | 739.1  | 761.9  | 795.4  | 832.9  | 859.8  | 959.0  | 1091.8 | 1297.0 | 1553.2 | 1833.5 | 1959.6 |
| 45°    | 651.9  | 659.9  | 694.8  | 718.9  | 747.1  | 816.8  | 910.7  | 1082.4 | 1307.8 | 1584.1 | 1798.7 |
| 47.5°  | 579.4  | 595.5  | 614.3  | 629.1  | 647.8  | 701.5  | 782.0  | 906.7  | 1105.2 | 1352.0 | 1582.7 |
| 50°    | 515.1  | 524.4  | 548.6  | 555.3  | 568.7  | 606.3  | 668.0  | 763.2  | 926.8  | 1124.0 | 1362.8 |
| 52.5°  | 454.7  | 472.1  | 481.5  | 490.9  | 503.0  | 533.8  | 574.1  | 651.9  | 775.3  | 960.4  | 1162.9 |
| 55°    | 407.8  | 413.1  | 426.5  | 434.6  | 444.0  | 465.4  | 500.3  | 558.0  | 654.6  | 802.1  | 993.9  |
| 57.5°  | 362.1  | 362.1  | 375.6  | 382.3  | 391.7  | 407.8  | 438.6  | 482.9  | 552.6  | 662.6  | 838.3  |
| 60°    | 313.9  | 315.2  | 325.9  | 334.0  | 336.7  | 352.8  | 378.2  | 413.1  | 466.8  | 547.2  | 690.8  |
| 62.5°  | 270.9  | 277.6  | 283.0  | 285.7  | 295.1  | 304.5  | 325.9  | 350.1  | 387.6  | 458.7  | 560.7  |
| 65°    | 234.7  | 236.1  | 240.1  | 242.8  | 246.8  | 257.5  | 273.6  | 289.7  | 321.9  | 374.2  | 457.4  |
| 67.5°  | 193.1  | 198.5  | 203.9  | 203.9  | 207.9  | 213.3  | 229.4  | 242.8  | 266.9  | 297.8  | 354.1  |
| 70°    | 144.9  | 147.5  | 155.6  | 159.6  | 165.0  | 174.4  | 182.4  | 190.5  | 209.2  | 232.0  | 275.0  |
| 72.5°  | 120.7  | 120.7  | 123.4  | 124.7  | 124.7  | 131.4  | 143.5  | 151.6  | 161.0  | 177.1  | 206.6  |
| 75°    | 96.6   | 96.6   | 100.6  | 99.3   | 101.9  | 104.6  | 106.0  | 111.3  | 116.7  | 128.8  | 146.2  |
| 77.5°  | 76.5   | 77.8   | 77.8   | 79.1   | 79.1   | 80.5   | 81.8   | 84.5   | 87.2   | 93.9   | 101.9  |
| 80°    | 56.3   | 57.7   | 57.7   | 59.0   | 59.0   | 60.4   | 61.7   | 63.0   | 65.7   | 68.4   | 72.4   |
| 82.5°  | 38.9   | 40.2   | 40.2   | 41.6   | 40.2   | 41.6   | 42.9   | 42.9   | 44.3   | 46.9   | 48.3   |
| 85°    | 22.8   | 22.8   | 24.1   | 22.8   | 22.8   | 22.8   | 24.1   | 24.1   | 25.5   | 29.5   | 29.5   |
| 87.5°  | 6.7    | 8.0    | 6.7    | 8.0    | 8.0    | 8.0    | 8.0    | 9.4    | 9.4    | 10.7   | 12.1   |
| 90°    | 16.4   | 15.9   | 16.4   | 15.8   | 15.3   | 14.7   | 14.2   | 13.6   | 14.2   | 12.5   | 10.8   |
| 92.5°  | 30.6   | 32.9   | 34.0   | 36.0   | 38.0   | 43.6   | 56.1   | 78.8   | 105.4  | 116.7  | 87.3   |
| 95°    | 72.0   | 77.1   | 87.8   | 98.0   | 108.2  | 138.3  | 204.0  | 272.5  | 336.0  | 299.2  | 206.2  |
| 97.5°  | 154.7  | 176.2  | 214.2  | 246.5  | 278.8  | 353.6  | 468.6  | 534.3  | 516.7  | 385.9  | 229.5  |
| 100°   | 376.8  | 418.2  | 475.4  | 515.6  | 555.8  | 622.1  | 668.0  | 648.2  | 536.6  | 362.6  | 213.6  |
| 102.5° | 596.6  | 627.2  | 668.6  | 690.4  | 712.2  | 743.9  | 734.3  | 653.9  | 499.7  | 328.6  | 200.0  |
| 105°   | 741.7  | 763.2  | 789.3  | 796.6  | 804.0  | 793.2  | 736.6  | 618.2  | 455.5  | 302.0  | 194.9  |
| 107.5° | 837.4  | 847.6  | 851.0  | 843.4  | 835.7  | 791.5  | 702.6  | 567.2  | 416.5  | 282.7  | 193.8  |
| 110°   | 885.0  | 880.5  | 864.6  | 844.8  | 825.0  | 753.6  | 649.3  | 519.6  | 384.2  | 272.5  | 196.6  |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 888.4 | 872.0 | 839.7 | 812.8  | 785.9 | 703.7 | 596.6 | 478.2 | 362.6 | 266.9 | 202.3 |
| 115°   | 862.4 | 837.4 | 794.9 | 764.0  | 733.2 | 649.9 | 551.3 | 446.5 | 348.5 | 266.3 | 208.5 |
| 117.5° | 815.9 | 788.1 | 743.9 | 711.9  | 679.9 | 603.4 | 516.2 | 425.5 | 338.8 | 266.9 | 216.4 |
| 120°   | 767.7 | 736.0 | 691.3 | 662.6  | 634.0 | 566.0 | 489.5 | 409.7 | 332.6 | 269.1 | 225.5 |
| 122.5° | 716.2 | 688.4 | 649.9 | 623.8  | 597.8 | 536.0 | 468.6 | 396.6 | 328.6 | 273.1 | 234.0 |
| 125°   | 673.1 | 648.2 | 611.9 | 589.2  | 566.6 | 512.2 | 450.4 | 385.9 | 325.2 | 277.1 | 243.1 |
| 127.5° | 636.3 | 614.8 | 581.9 | 561.0  | 540.0 | 490.1 | 434.0 | 375.7 | 323.5 | 281.6 | 250.4 |
| 130°   | 604.6 | 584.2 | 554.1 | 534.8  | 515.6 | 469.7 | 418.7 | 367.7 | 321.8 | 286.1 | 257.8 |
| 132.5° | 576.8 | 556.4 | 528.6 | 510.5  | 492.4 | 450.4 | 404.6 | 360.4 | 321.3 | 289.5 | 264.6 |
| 135°   | 546.2 | 529.2 | 501.4 | 485.2  | 469.1 | 432.3 | 392.1 | 354.1 | 320.7 | 292.9 | 270.3 |
| 137.5° | 517.3 | 499.7 | 475.9 | 461.4  | 447.0 | 414.2 | 380.2 | 348.5 | 319.6 | 295.2 | 274.8 |
| 140°   | 487.8 | 472.0 | 450.4 | 438.2  | 426.1 | 398.9 | 370.0 | 343.4 | 319.0 | 297.5 | 278.2 |
| 142.5° | 458.4 | 444.8 | 427.2 | 417.0  | 406.8 | 384.2 | 360.4 | 338.8 | 317.9 | 299.2 | 281.6 |
| 145°   | 432.3 | 420.4 | 406.3 | 398.0  | 389.8 | 371.7 | 353.0 | 334.9 | 316.7 | 299.7 | 283.9 |
| 147.5° | 409.1 | 400.6 | 389.3 | 383.4  | 377.4 | 362.1 | 346.8 | 330.9 | 315.0 | 299.7 | 285.6 |
| 150°   | 390.4 | 384.2 | 375.7 | 370.3  | 364.9 | 353.0 | 340.0 | 326.9 | 312.8 | 299.7 | 286.1 |
| 152.5° | 375.1 | 369.4 | 363.2 | 359.0  | 354.7 | 344.5 | 333.7 | 322.4 | 309.9 | 298.0 | 287.3 |
| 155°   | 361.5 | 357.0 | 351.9 | 348.5  | 345.1 | 336.6 | 327.5 | 317.9 | 306.5 | 296.9 | 287.3 |
| 157.5° | 349.0 | 345.6 | 341.1 | 338.2  | 335.4 | 328.6 | 320.7 | 312.8 | 303.7 | 295.2 | 287.8 |
| 160°   | 338.3 | 334.9 | 330.9 | 328.9  | 326.9 | 321.3 | 315.0 | 307.7 | 300.3 | 294.1 | 287.8 |
| 162.5° | 326.9 | 324.1 | 321.8 | 320.1  | 318.4 | 313.3 | 308.2 | 302.6 | 296.9 | 291.8 | 287.3 |
| 165°   | 317.3 | 315.0 | 312.8 | 311.4  | 309.9 | 306.0 | 302.6 | 298.0 | 293.5 | 289.5 | 286.1 |
| 167.5° | 307.7 | 306.0 | 304.8 | 303.7  | 302.6 | 300.3 | 297.5 | 293.5 | 290.1 | 287.3 | 285.6 |
| 170°   | 299.2 | 298.0 | 297.5 | 296.9  | 296.3 | 294.1 | 292.4 | 289.5 | 286.7 | 285.0 | 283.9 |
| 172.5° | 292.4 | 291.2 | 291.2 | 291.0  | 290.7 | 289.0 | 287.8 | 285.6 | 283.9 | 283.3 | 283.3 |
| 175°   | 286.1 | 285.6 | 285.6 | 285.6  | 285.6 | 284.4 | 283.9 | 282.7 | 281.6 | 281.6 | 282.2 |
| 177.5° | 282.2 | 281.6 | 282.2 | 282.2  | 282.2 | 281.6 | 281.0 | 280.5 | 279.9 | 280.5 | 281.6 |
| 180°   | 279.9 | 279.9 | 279.9 | 279.9  | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1621.6 | 1614.9 | 1608.2 | 1608.2 | 1593.5 | 1580.0 | 1573.3 | 1576.0 | 1568.0 | 1557.2 | 1546.5 |
| 5°     | 1692.7 | 1665.9 | 1660.5 | 1645.8 | 1625.6 | 1597.5 | 1582.7 | 1569.3 | 1553.2 | 1531.8 | 1511.6 |
| 7.5°   | 1758.4 | 1723.6 | 1704.8 | 1690.0 | 1651.1 | 1612.2 | 1580.0 | 1558.6 | 1530.4 | 1498.2 | 1474.1 |
| 10°    | 1844.3 | 1779.9 | 1759.8 | 1726.2 | 1671.3 | 1616.3 | 1578.7 | 1543.8 | 1504.9 | 1467.4 | 1435.2 |
| 12.5°  | 1912.7 | 1838.9 | 1801.4 | 1767.8 | 1696.7 | 1627.0 | 1563.9 | 1521.0 | 1474.1 | 1432.5 | 1390.9 |
| 15°    | 1990.5 | 1907.3 | 1841.6 | 1801.4 | 1711.5 | 1627.0 | 1555.9 | 1495.5 | 1443.2 | 1392.3 | 1356.0 |
| 17.5°  | 2028.0 | 1923.4 | 1893.9 | 1836.2 | 1706.1 | 1621.6 | 1534.4 | 1470.1 | 1407.0 | 1348.0 | 1305.1 |
| 20°    | 2087.1 | 1965.0 | 1891.2 | 1852.3 | 1737.0 | 1612.2 | 1510.3 | 1436.5 | 1370.8 | 1307.8 | 1262.2 |
| 22.5°  | 2091.1 | 1958.3 | 1910.0 | 1836.2 | 1694.1 | 1584.1 | 1488.8 | 1399.0 | 1322.5 | 1263.5 | 1216.6 |
| 25°    | 2081.7 | 1946.2 | 1879.2 | 1820.1 | 1702.1 | 1568.0 | 1445.9 | 1357.4 | 1282.3 | 1213.9 | 1158.9 |
| 27.5°  | 2077.7 | 1911.3 | 1848.3 | 1789.3 | 1656.5 | 1521.0 | 1420.4 | 1319.8 | 1234.0 | 1173.6 | 1117.3 |
| 30°    | 2072.3 | 1873.8 | 1797.3 | 1728.9 | 1606.9 | 1484.8 | 1364.1 | 1276.9 | 1195.1 | 1118.6 | 1062.3 |
| 32.5°  | 2037.4 | 1822.8 | 1745.0 | 1672.6 | 1541.1 | 1419.1 | 1323.9 | 1231.3 | 1142.8 | 1071.7 | 1020.7 |
| 35°    | 2026.7 | 1775.9 | 1673.9 | 1596.1 | 1467.4 | 1358.7 | 1258.1 | 1181.7 | 1098.5 | 1027.4 | 967.1  |
| 37.5°  | 1995.8 | 1727.6 | 1617.6 | 1518.3 | 1384.2 | 1280.9 | 1207.2 | 1130.7 | 1050.2 | 973.8  | 925.5  |
| 40°    | 1942.2 | 1671.3 | 1546.5 | 1444.6 | 1306.4 | 1201.8 | 1133.4 | 1077.1 | 997.9  | 929.5  | 870.5  |
| 42.5°  | 1863.1 | 1613.6 | 1479.4 | 1372.1 | 1219.2 | 1121.3 | 1065.0 | 1011.3 | 944.3  | 873.2  | 824.9  |
| 45°    | 1771.8 | 1537.1 | 1412.4 | 1293.0 | 1137.4 | 1042.2 | 983.2  | 951.0  | 889.3  | 828.9  | 772.6  |
| 47.5°  | 1647.1 | 1458.0 | 1334.6 | 1211.2 | 1052.9 | 960.4  | 913.4  | 881.2  | 838.3  | 772.6  | 727.0  |
| 50°    | 1490.2 | 1356.0 | 1239.4 | 1129.4 | 969.8  | 881.2  | 834.3  | 810.1  | 773.9  | 727.0  | 682.7  |
| 52.5°  | 1315.8 | 1238.0 | 1141.4 | 1039.5 | 885.3  | 802.1  | 759.2  | 740.4  | 713.6  | 669.3  | 631.7  |
| 55°    | 1140.1 | 1106.6 | 1040.8 | 940.2  | 796.7  | 728.3  | 690.8  | 666.6  | 646.5  | 614.3  | 582.1  |
| 57.5°  | 983.2  | 967.1  | 921.5  | 843.7  | 723.0  | 651.9  | 619.7  | 603.6  | 587.5  | 563.3  | 531.2  |
| 60°    | 820.9  | 838.3  | 791.4  | 752.5  | 642.5  | 580.8  | 552.6  | 535.2  | 527.1  | 505.7  | 485.5  |
| 62.5°  | 680.0  | 696.1  | 669.3  | 639.8  | 562.0  | 507.0  | 489.6  | 473.5  | 468.1  | 449.3  | 429.2  |
| 65°    | 552.6  | 572.7  | 552.6  | 536.5  | 489.6  | 444.0  | 422.5  | 414.5  | 409.1  | 397.0  | 380.9  |
| 67.5°  | 439.9  | 460.1  | 450.7  | 430.6  | 415.8  | 378.2  | 366.2  | 358.1  | 355.4  | 346.1  | 332.6  |
| 70°    | 331.3  | 359.5  | 362.1  | 350.1  | 336.7  | 319.2  | 311.2  | 308.5  | 301.8  | 293.7  | 285.7  |
| 72.5°  | 238.8  | 270.9  | 272.3  | 272.3  | 264.2  | 264.2  | 256.2  | 252.2  | 252.2  | 244.1  | 234.7  |
| 75°    | 175.7  | 197.2  | 199.9  | 202.5  | 206.6  | 210.6  | 205.2  | 205.2  | 203.9  | 195.8  | 191.8  |
| 77.5°  | 116.7  | 135.5  | 142.2  | 151.6  | 156.9  | 156.9  | 159.6  | 162.3  | 159.6  | 155.6  | 152.9  |
| 80°    | 75.1   | 88.5   | 96.6   | 101.9  | 110.0  | 114.0  | 118.0  | 119.4  | 116.7  | 115.4  | 111.3  |
| 82.5°  | 49.6   | 53.7   | 57.7   | 64.4   | 73.8   | 80.5   | 80.5   | 79.1   | 81.8   | 80.5   | 79.1   |
| 85°    | 28.2   | 30.8   | 32.2   | 33.5   | 38.9   | 45.6   | 46.9   | 48.3   | 51.0   | 48.3   | 45.6   |
| 87.5°  | 10.7   | 12.1   | 12.1   | 12.1   | 14.8   | 16.1   | 20.1   | 25.5   | 24.1   | 21.5   | 21.5   |
| 90°    | 9.1    | 7.4    | 6.8    | 6.2    | 5.1    | 3.4    | 2.3    | 1.1    | 2.3    | 3.4    | 5.1    |
| 92.5°  | 57.2   | 39.1   | 34.0   | 28.9   | 23.2   | 18.1   | 12.5   | 8.5    | 12.5   | 18.1   | 23.2   |
| 95°    | 121.8  | 73.7   | 62.6   | 51.6   | 36.8   | 27.2   | 21.0   | 19.3   | 21.0   | 27.2   | 36.8   |
| 97.5°  | 131.5  | 83.9   | 71.7   | 59.5   | 44.8   | 36.3   | 31.2   | 30.6   | 31.2   | 36.3   | 44.8   |
| 100°   | 129.8  | 90.1   | 79.0   | 68.0   | 54.4   | 46.5   | 42.5   | 41.9   | 42.5   | 46.5   | 54.4   |
| 102.5° | 132.0  | 97.5   | 87.6   | 77.6   | 65.7   | 58.4   | 55.0   | 53.8   | 55.0   | 58.4   | 65.7   |
| 105°   | 136.6  | 106.0  | 97.2   | 88.4   | 77.6   | 70.8   | 67.4   | 65.7   | 67.4   | 70.8   | 77.6   |
| 107.5° | 143.9  | 116.7  | 108.5  | 100.3  | 90.1   | 83.3   | 79.9   | 78.2   | 79.9   | 83.3   | 90.1   |
| 110°   | 153.5  | 128.1  | 120.2  | 112.2  | 102.6  | 96.3   | 93.5   | 91.8   | 93.5   | 96.3   | 102.6  |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 163.2 | 140.0 | 132.4  | 124.7 | 115.0 | 108.8 | 106.0 | 104.3 | 106.0 | 108.8 | 115.0 |
| 115°   | 173.9 | 152.4 | 144.8  | 137.1 | 127.5 | 121.8 | 118.4 | 116.2 | 118.4 | 121.8 | 127.5 |
| 117.5° | 185.3 | 163.7 | 156.6  | 149.6 | 138.8 | 133.7 | 130.9 | 128.1 | 130.9 | 133.7 | 138.8 |
| 120°   | 196.0 | 175.6 | 168.6  | 161.5 | 150.7 | 145.1 | 142.2 | 140.5 | 142.2 | 145.1 | 150.7 |
| 122.5° | 207.4 | 187.5 | 179.8  | 172.2 | 162.0 | 155.8 | 153.0 | 151.3 | 153.0 | 155.8 | 162.0 |
| 125°   | 218.1 | 198.3 | 190.6  | 183.0 | 172.2 | 166.0 | 162.6 | 161.5 | 162.6 | 166.0 | 172.2 |
| 127.5° | 227.8 | 208.5 | 200.8  | 193.2 | 181.3 | 175.1 | 171.1 | 169.4 | 171.1 | 175.1 | 181.3 |
| 130°   | 236.3 | 217.6 | 210.0  | 202.3 | 190.4 | 183.6 | 178.5 | 176.8 | 178.5 | 183.6 | 190.4 |
| 132.5° | 243.6 | 225.5 | 218.2  | 210.8 | 198.9 | 190.4 | 184.7 | 182.4 | 184.7 | 190.4 | 198.9 |
| 135°   | 251.0 | 233.4 | 225.8  | 218.1 | 206.2 | 197.7 | 191.5 | 189.2 | 191.5 | 197.7 | 206.2 |
| 137.5° | 256.1 | 239.1 | 232.0  | 224.9 | 213.0 | 204.0 | 197.7 | 195.5 | 197.7 | 204.0 | 213.0 |
| 140°   | 261.2 | 244.8 | 237.7  | 230.6 | 219.3 | 210.2 | 204.5 | 201.7 | 204.5 | 210.2 | 219.3 |
| 142.5° | 265.2 | 249.3 | 242.8  | 236.3 | 224.9 | 217.0 | 210.8 | 208.5 | 210.8 | 217.0 | 224.9 |
| 145°   | 268.6 | 253.8 | 247.3  | 240.8 | 231.2 | 222.7 | 217.6 | 215.9 | 217.6 | 222.7 | 231.2 |
| 147.5° | 271.4 | 257.8 | 252.2  | 246.5 | 236.8 | 229.5 | 224.4 | 223.2 | 224.4 | 229.5 | 236.8 |
| 150°   | 274.2 | 261.2 | 256.1  | 251.0 | 243.1 | 235.7 | 231.2 | 230.6 | 231.2 | 235.7 | 243.1 |
| 152.5° | 275.9 | 265.2 | 260.4  | 255.5 | 248.7 | 242.5 | 238.0 | 238.0 | 238.0 | 242.5 | 248.7 |
| 155°   | 278.2 | 268.6 | 264.6  | 260.6 | 254.4 | 248.7 | 245.3 | 245.3 | 245.3 | 248.7 | 254.4 |
| 157.5° | 279.3 | 271.4 | 268.3  | 265.2 | 259.5 | 254.4 | 251.6 | 251.0 | 251.6 | 254.4 | 259.5 |
| 160°   | 281.0 | 274.2 | 271.4  | 268.6 | 264.6 | 260.1 | 257.8 | 257.8 | 257.8 | 260.1 | 264.6 |
| 162.5° | 281.6 | 275.9 | 273.6  | 271.4 | 268.0 | 264.6 | 262.9 | 262.9 | 262.9 | 264.6 | 268.0 |
| 165°   | 282.2 | 277.6 | 275.6  | 273.7 | 271.4 | 268.6 | 267.4 | 268.0 | 267.4 | 268.6 | 271.4 |
| 167.5° | 282.2 | 278.8 | 277.4  | 275.9 | 274.2 | 272.0 | 271.4 | 272.0 | 271.4 | 272.0 | 274.2 |
| 170°   | 281.6 | 278.8 | 278.2  | 277.6 | 276.5 | 274.8 | 274.2 | 275.4 | 274.2 | 274.8 | 276.5 |
| 172.5° | 281.6 | 279.3 | 279.0  | 278.8 | 278.2 | 277.1 | 277.1 | 277.6 | 277.1 | 277.1 | 278.2 |
| 175°   | 281.0 | 279.9 | 279.6  | 279.3 | 279.3 | 278.2 | 278.8 | 279.3 | 278.8 | 278.2 | 279.3 |
| 177.5° | 280.5 | 279.9 | 279.9  | 279.9 | 279.9 | 279.3 | 279.9 | 280.5 | 279.9 | 279.3 | 279.9 |
| 180°   | 279.9 | 279.9 | 279.9  | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1546.5 | 1539.8 | 1537.1 | 1530.4 | 1514.3 | 1503.6 | 1491.5 | 1483.5 | 1484.8 | 1478.1 | 1482.1 |
| 5°     | 1498.2 | 1496.9 | 1487.5 | 1474.1 | 1451.3 | 1439.2 | 1417.7 | 1407.0 | 1401.7 | 1403.0 | 1394.9 |
| 7.5°   | 1458.0 | 1445.9 | 1439.2 | 1417.7 | 1396.3 | 1370.8 | 1353.4 | 1344.0 | 1335.9 | 1327.9 | 1322.5 |
| 10°    | 1412.4 | 1401.7 | 1390.9 | 1368.1 | 1338.6 | 1314.5 | 1290.3 | 1280.9 | 1268.9 | 1263.5 | 1259.5 |
| 12.5°  | 1364.1 | 1357.4 | 1344.0 | 1317.2 | 1283.6 | 1260.8 | 1232.6 | 1227.3 | 1211.2 | 1200.5 | 1197.8 |
| 15°    | 1319.8 | 1315.8 | 1291.7 | 1260.8 | 1227.3 | 1204.5 | 1180.3 | 1164.2 | 1137.4 | 1142.8 | 1133.4 |
| 17.5°  | 1272.9 | 1255.5 | 1240.7 | 1199.1 | 1183.0 | 1148.1 | 1120.0 | 1111.9 | 1093.2 | 1081.1 | 1069.0 |
| 20°    | 1220.6 | 1209.8 | 1191.1 | 1164.2 | 1125.3 | 1085.1 | 1063.6 | 1050.2 | 1039.5 | 1020.7 | 1015.4 |
| 22.5°  | 1171.0 | 1157.5 | 1141.4 | 1106.6 | 1073.0 | 1039.5 | 1010.0 | 997.9  | 984.5  | 971.1  | 963.0  |
| 25°    | 1132.1 | 1111.9 | 1094.5 | 1051.6 | 1018.0 | 989.9  | 971.1  | 951.0  | 932.2  | 924.2  | 921.5  |
| 27.5°  | 1071.7 | 1059.6 | 1042.2 | 1001.9 | 971.1  | 940.2  | 922.8  | 909.4  | 889.3  | 879.9  | 871.8  |
| 30°    | 1032.8 | 1008.7 | 988.5  | 956.3  | 925.5  | 892.0  | 875.9  | 859.8  | 847.7  | 835.6  | 826.2  |
| 32.5°  | 980.5  | 961.7  | 945.6  | 913.4  | 882.6  | 851.7  | 834.3  | 810.1  | 803.4  | 794.0  | 783.3  |
| 35°    | 929.5  | 917.4  | 900.0  | 865.1  | 831.6  | 810.1  | 791.4  | 768.6  | 760.5  | 753.8  | 744.4  |
| 37.5°  | 881.2  | 863.8  | 851.7  | 818.2  | 788.7  | 763.2  | 748.4  | 729.7  | 724.3  | 716.3  | 709.5  |
| 40°    | 839.7  | 822.2  | 810.1  | 776.6  | 745.8  | 718.9  | 709.5  | 690.8  | 682.7  | 673.3  | 669.3  |
| 42.5°  | 792.7  | 778.0  | 761.9  | 737.7  | 705.5  | 678.7  | 659.9  | 649.2  | 638.5  | 634.4  | 626.4  |
| 45°    | 743.1  | 729.7  | 717.6  | 690.8  | 657.2  | 638.5  | 622.4  | 607.6  | 599.6  | 592.9  | 587.5  |
| 47.5°  | 700.2  | 688.1  | 672.0  | 642.5  | 615.7  | 598.2  | 582.1  | 567.4  | 559.3  | 551.3  | 544.6  |
| 50°    | 650.5  | 643.8  | 626.4  | 598.2  | 572.7  | 552.6  | 537.9  | 524.4  | 519.1  | 509.7  | 499.0  |
| 52.5°  | 606.3  | 594.2  | 579.4  | 556.6  | 533.8  | 509.7  | 489.6  | 481.5  | 472.1  | 466.8  | 457.4  |
| 55°    | 554.0  | 545.9  | 529.8  | 509.7  | 485.5  | 465.4  | 450.7  | 439.9  | 427.9  | 422.5  | 410.4  |
| 57.5°  | 509.7  | 494.9  | 486.9  | 461.4  | 438.6  | 418.5  | 407.8  | 397.0  | 383.6  | 375.6  | 370.2  |
| 60°    | 461.4  | 448.0  | 435.9  | 414.5  | 398.4  | 376.9  | 360.8  | 351.4  | 342.0  | 331.3  | 325.9  |
| 62.5°  | 414.5  | 403.7  | 389.0  | 371.5  | 351.4  | 334.0  | 321.9  | 308.5  | 303.1  | 292.4  | 288.4  |
| 65°    | 363.5  | 355.4  | 343.4  | 323.3  | 307.2  | 292.4  | 280.3  | 269.6  | 264.2  | 260.2  | 257.5  |
| 67.5°  | 317.9  | 307.2  | 299.1  | 281.7  | 264.2  | 252.2  | 245.5  | 238.8  | 232.0  | 228.0  | 224.0  |
| 70°    | 270.9  | 262.9  | 254.8  | 238.8  | 226.7  | 215.9  | 210.6  | 205.2  | 201.2  | 197.2  | 193.1  |
| 72.5°  | 222.7  | 218.6  | 210.6  | 199.9  | 190.5  | 182.4  | 178.4  | 171.7  | 167.7  | 161.0  | 158.3  |
| 75°    | 183.8  | 177.1  | 173.0  | 163.6  | 155.6  | 148.9  | 143.5  | 135.5  | 130.1  | 127.4  | 126.1  |
| 77.5°  | 144.9  | 142.2  | 136.8  | 128.8  | 124.7  | 118.0  | 110.0  | 107.3  | 104.6  | 104.6  | 103.3  |
| 80°    | 108.6  | 104.6  | 100.6  | 93.9   | 89.9   | 84.5   | 84.5   | 84.5   | 83.2   | 84.5   | 83.2   |
| 82.5°  | 73.8   | 71.1   | 68.4   | 64.4   | 63.0   | 63.0   | 64.4   | 64.4   | 64.4   | 64.4   | 64.4   |
| 85°    | 42.9   | 42.9   | 42.9   | 44.3   | 42.9   | 42.9   | 44.3   | 45.6   | 44.3   | 44.3   | 42.9   |
| 87.5°  | 20.1   | 20.1   | 21.5   | 21.5   | 22.8   | 22.8   | 22.8   | 22.8   | 22.8   | 22.8   | 24.1   |
| 90°    | 6.2    | 6.8    | 7.4    | 9.1    | 10.8   | 12.5   | 14.2   | 13.6   | 14.2   | 14.7   | 15.3   |
| 92.5°  | 28.9   | 34.0   | 39.1   | 57.2   | 87.3   | 116.7  | 105.4  | 78.8   | 56.1   | 43.6   | 38.0   |
| 95°    | 51.6   | 62.6   | 73.7   | 121.8  | 206.2  | 299.2  | 336.0  | 272.5  | 204.0  | 138.3  | 108.2  |
| 97.5°  | 59.5   | 71.7   | 83.9   | 131.5  | 229.5  | 385.9  | 516.7  | 534.3  | 468.6  | 353.6  | 278.8  |
| 100°   | 68.0   | 79.0   | 90.1   | 129.8  | 213.6  | 362.6  | 536.6  | 648.2  | 668.0  | 622.1  | 555.8  |
| 102.5° | 77.6   | 87.6   | 97.5   | 132.0  | 200.0  | 328.6  | 499.7  | 653.9  | 734.3  | 743.9  | 712.2  |
| 105°   | 88.4   | 97.2   | 106.0  | 136.6  | 194.9  | 302.0  | 455.5  | 618.2  | 736.6  | 793.2  | 804.0  |
| 107.5° | 100.3  | 108.5  | 116.7  | 143.9  | 193.8  | 282.7  | 416.5  | 567.2  | 702.6  | 791.5  | 835.7  |
| 110°   | 112.2  | 120.2  | 128.1  | 153.5  | 196.6  | 272.5  | 384.2  | 519.6  | 649.3  | 753.6  | 825.0  |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.7 | 132.4  | 140.0 | 163.2 | 202.3 | 266.9 | 362.6 | 478.2 | 596.6 | 703.7 | 785.9 |
| 115°   | 137.1 | 144.8  | 152.4 | 173.9 | 208.5 | 266.3 | 348.5 | 446.5 | 551.3 | 649.9 | 733.2 |
| 117.5° | 149.6 | 156.6  | 163.7 | 185.3 | 216.4 | 266.9 | 338.8 | 425.5 | 516.2 | 603.4 | 679.9 |
| 120°   | 161.5 | 168.6  | 175.6 | 196.0 | 225.5 | 269.1 | 332.6 | 409.7 | 489.5 | 566.0 | 634.0 |
| 122.5° | 172.2 | 179.8  | 187.5 | 207.4 | 234.0 | 273.1 | 328.6 | 396.6 | 468.6 | 536.0 | 597.8 |
| 125°   | 183.0 | 190.6  | 198.3 | 218.1 | 243.1 | 277.1 | 325.2 | 385.9 | 450.4 | 512.2 | 566.6 |
| 127.5° | 193.2 | 200.8  | 208.5 | 227.8 | 250.4 | 281.6 | 323.5 | 375.7 | 434.0 | 490.1 | 540.0 |
| 130°   | 202.3 | 210.0  | 217.6 | 236.3 | 257.8 | 286.1 | 321.8 | 367.7 | 418.7 | 469.7 | 515.6 |
| 132.5° | 210.8 | 218.2  | 225.5 | 243.6 | 264.6 | 289.5 | 321.3 | 360.4 | 404.6 | 450.4 | 492.4 |
| 135°   | 218.1 | 225.8  | 233.4 | 251.0 | 270.3 | 292.9 | 320.7 | 354.1 | 392.1 | 432.3 | 469.1 |
| 137.5° | 224.9 | 232.0  | 239.1 | 256.1 | 274.8 | 295.2 | 319.6 | 348.5 | 380.2 | 414.2 | 447.0 |
| 140°   | 230.6 | 237.7  | 244.8 | 261.2 | 278.2 | 297.5 | 319.0 | 343.4 | 370.0 | 398.9 | 426.1 |
| 142.5° | 236.3 | 242.8  | 249.3 | 265.2 | 281.6 | 299.2 | 317.9 | 338.8 | 360.4 | 384.2 | 406.8 |
| 145°   | 240.8 | 247.3  | 253.8 | 268.6 | 283.9 | 299.7 | 316.7 | 334.9 | 353.0 | 371.7 | 389.8 |
| 147.5° | 246.5 | 252.2  | 257.8 | 271.4 | 285.6 | 299.7 | 315.0 | 330.9 | 346.8 | 362.1 | 377.4 |
| 150°   | 251.0 | 256.1  | 261.2 | 274.2 | 286.1 | 299.7 | 312.8 | 326.9 | 340.0 | 353.0 | 364.9 |
| 152.5° | 255.5 | 260.4  | 265.2 | 275.9 | 287.3 | 298.0 | 309.9 | 322.4 | 333.7 | 344.5 | 354.7 |
| 155°   | 260.6 | 264.6  | 268.6 | 278.2 | 287.3 | 296.9 | 306.5 | 317.9 | 327.5 | 336.6 | 345.1 |
| 157.5° | 265.2 | 268.3  | 271.4 | 279.3 | 287.8 | 295.2 | 303.7 | 312.8 | 320.7 | 328.6 | 335.4 |
| 160°   | 268.6 | 271.4  | 274.2 | 281.0 | 287.8 | 294.1 | 300.3 | 307.7 | 315.0 | 321.3 | 326.9 |
| 162.5° | 271.4 | 273.6  | 275.9 | 281.6 | 287.3 | 291.8 | 296.9 | 302.6 | 308.2 | 313.3 | 318.4 |
| 165°   | 273.7 | 275.6  | 277.6 | 282.2 | 286.1 | 289.5 | 293.5 | 298.0 | 302.6 | 306.0 | 309.9 |
| 167.5° | 275.9 | 277.4  | 278.8 | 282.2 | 285.6 | 287.3 | 290.1 | 293.5 | 297.5 | 300.3 | 302.6 |
| 170°   | 277.6 | 278.2  | 278.8 | 281.6 | 283.9 | 285.0 | 286.7 | 289.5 | 292.4 | 294.1 | 296.3 |
| 172.5° | 278.8 | 279.0  | 279.3 | 281.6 | 283.3 | 283.3 | 283.9 | 285.6 | 287.8 | 289.0 | 290.7 |
| 175°   | 279.3 | 279.6  | 279.9 | 281.0 | 282.2 | 281.6 | 281.6 | 282.7 | 283.9 | 284.4 | 285.6 |
| 177.5° | 279.9 | 279.9  | 279.9 | 280.5 | 281.6 | 280.5 | 279.9 | 280.5 | 281.0 | 281.6 | 282.2 |
| 180°   | 279.9 | 279.9  | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 |



TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1480.8 | 1482.1 | 1478.1 | 1470.1 | 1468.7 | 1471.4 | 1479.4 | 1476.8 | 1470.1 | 1482.1 | 1471.4 |
| 5°     | 1399.0 | 1392.3 | 1389.6 | 1392.3 | 1384.2 | 1380.2 | 1388.2 | 1384.2 | 1388.2 | 1389.6 | 1393.6 |
| 7.5°   | 1319.8 | 1321.2 | 1313.1 | 1314.5 | 1303.7 | 1306.4 | 1306.4 | 1306.4 | 1310.4 | 1313.1 | 1318.5 |
| 10°    | 1251.4 | 1254.1 | 1244.7 | 1246.1 | 1238.0 | 1232.6 | 1236.7 | 1244.7 | 1244.7 | 1244.7 | 1247.4 |
| 12.5°  | 1196.4 | 1184.4 | 1177.7 | 1176.3 | 1166.9 | 1164.2 | 1172.3 | 1175.0 | 1181.7 | 1181.7 | 1185.7 |
| 15°    | 1128.0 | 1125.3 | 1120.0 | 1120.0 | 1097.2 | 1102.5 | 1105.2 | 1114.6 | 1128.0 | 1117.3 | 1120.0 |
| 17.5°  | 1066.3 | 1059.6 | 1052.9 | 1050.2 | 1047.6 | 1039.5 | 1050.2 | 1048.9 | 1056.9 | 1058.3 | 1062.3 |
| 20°    | 1011.3 | 1006.0 | 992.6  | 993.9  | 996.6  | 984.5  | 991.2  | 991.2  | 999.3  | 1007.3 | 1016.7 |
| 22.5°  | 957.7  | 952.3  | 945.6  | 948.3  | 940.2  | 937.6  | 937.6  | 944.3  | 953.7  | 960.4  | 959.0  |
| 25°    | 916.1  | 906.7  | 902.7  | 898.7  | 894.6  | 897.3  | 893.3  | 900.0  | 906.7  | 910.7  | 906.7  |
| 27.5°  | 869.2  | 865.1  | 857.1  | 853.1  | 846.4  | 849.0  | 851.7  | 857.1  | 861.1  | 861.1  | 865.1  |
| 30°    | 823.6  | 818.2  | 815.5  | 811.5  | 811.5  | 806.1  | 807.5  | 812.8  | 816.8  | 820.9  | 826.2  |
| 32.5°  | 779.3  | 775.3  | 771.2  | 771.2  | 768.6  | 767.2  | 765.9  | 773.9  | 773.9  | 782.0  | 782.0  |
| 35°    | 743.1  | 736.4  | 736.4  | 729.7  | 732.3  | 731.0  | 728.3  | 733.7  | 735.0  | 740.4  | 739.1  |
| 37.5°  | 702.8  | 702.8  | 700.2  | 693.4  | 688.1  | 689.4  | 696.1  | 696.1  | 700.2  | 698.8  | 702.8  |
| 40°    | 662.6  | 659.9  | 659.9  | 655.9  | 654.6  | 653.2  | 654.6  | 655.9  | 662.6  | 661.3  | 662.6  |
| 42.5°  | 622.4  | 623.7  | 617.0  | 617.0  | 617.0  | 613.0  | 614.3  | 615.7  | 618.3  | 621.0  | 625.0  |
| 45°    | 583.5  | 580.8  | 579.4  | 576.8  | 574.1  | 575.4  | 574.1  | 579.4  | 578.1  | 580.8  | 584.8  |
| 47.5°  | 541.9  | 537.9  | 536.5  | 531.2  | 531.2  | 533.8  | 532.5  | 536.5  | 537.9  | 541.9  | 539.2  |
| 50°    | 501.6  | 496.3  | 492.3  | 493.6  | 485.5  | 488.2  | 488.2  | 492.3  | 496.3  | 497.6  | 500.3  |
| 52.5°  | 454.7  | 453.4  | 452.0  | 445.3  | 444.0  | 442.6  | 444.0  | 445.3  | 450.7  | 454.7  | 456.0  |
| 55°    | 409.1  | 407.8  | 399.7  | 397.0  | 393.0  | 393.0  | 395.7  | 397.0  | 406.4  | 407.8  | 413.1  |
| 57.5°  | 367.5  | 363.5  | 354.1  | 352.8  | 352.8  | 352.8  | 348.7  | 354.1  | 356.8  | 363.5  | 363.5  |
| 60°    | 321.9  | 321.9  | 313.9  | 313.9  | 315.2  | 313.9  | 313.9  | 315.2  | 315.2  | 320.6  | 323.3  |
| 62.5°  | 285.7  | 284.4  | 284.4  | 281.7  | 280.3  | 281.7  | 280.3  | 280.3  | 281.7  | 285.7  | 289.7  |
| 65°    | 253.5  | 252.2  | 250.8  | 249.5  | 246.8  | 246.8  | 248.1  | 250.8  | 250.8  | 253.5  | 254.8  |
| 67.5°  | 222.7  | 222.7  | 220.0  | 220.0  | 218.6  | 217.3  | 218.6  | 217.3  | 222.7  | 222.7  | 224.0  |
| 70°    | 191.8  | 190.5  | 186.4  | 185.1  | 181.1  | 182.4  | 182.4  | 186.4  | 187.8  | 190.5  | 193.1  |
| 72.5°  | 154.2  | 154.2  | 151.6  | 148.9  | 150.2  | 147.5  | 147.5  | 148.9  | 148.9  | 152.9  | 154.2  |
| 75°    | 127.4  | 124.7  | 123.4  | 124.7  | 123.4  | 126.1  | 123.4  | 123.4  | 126.1  | 126.1  | 126.1  |
| 77.5°  | 104.6  | 104.6  | 103.3  | 103.3  | 104.6  | 103.3  | 104.6  | 104.6  | 104.6  | 103.3  | 104.6  |
| 80°    | 85.8   | 84.5   | 84.5   | 84.5   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   |
| 82.5°  | 64.4   | 64.4   | 63.0   | 64.4   | 64.4   | 63.0   | 64.4   | 63.0   | 63.0   | 64.4   | 64.4   |
| 85°    | 42.9   | 45.6   | 42.9   | 42.9   | 44.3   | 44.3   | 45.6   | 44.3   | 45.6   | 42.9   | 44.3   |
| 87.5°  | 22.8   | 24.1   | 24.1   | 22.8   | 22.8   | 24.1   | 24.1   | 24.1   | 25.5   | 22.8   | 24.1   |
| 90°    | 15.8   | 16.4   | 15.9   | 16.4   | 17.0   | 16.4   | 17.0   | 16.4   | 15.9   | 16.4   | 15.8   |
| 92.5°  | 36.0   | 34.0   | 32.9   | 30.6   | 31.2   | 30.0   | 31.2   | 30.6   | 32.9   | 34.0   | 36.0   |
| 95°    | 98.0   | 87.8   | 77.1   | 72.0   | 68.0   | 65.7   | 68.0   | 72.0   | 77.1   | 87.8   | 98.0   |
| 97.5°  | 246.5  | 214.2  | 176.2  | 154.7  | 141.1  | 134.9  | 141.1  | 154.7  | 176.2  | 214.2  | 246.5  |
| 100°   | 515.6  | 475.4  | 418.2  | 376.8  | 354.7  | 355.3  | 354.7  | 376.8  | 418.2  | 475.4  | 515.6  |
| 102.5° | 690.4  | 668.6  | 627.2  | 596.6  | 579.1  | 562.6  | 579.1  | 596.6  | 627.2  | 668.6  | 690.4  |
| 105°   | 796.6  | 789.3  | 763.2  | 741.7  | 723.6  | 720.7  | 723.6  | 741.7  | 763.2  | 789.3  | 796.6  |
| 107.5° | 843.4  | 851.0  | 847.6  | 837.4  | 830.1  | 823.8  | 830.1  | 837.4  | 847.6  | 851.0  | 843.4  |
| 110°   | 844.8  | 864.6  | 880.5  | 885.0  | 883.9  | 882.8  | 883.9  | 885.0  | 880.5  | 864.6  | 844.8  |



TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 812.8  | 839.7 | 872.0 | 888.4 | 894.1 | 894.7 | 894.1 | 888.4 | 872.0 | 839.7 | 812.8  |
| 115°   | 764.0  | 794.9 | 837.4 | 862.4 | 873.7 | 876.5 | 873.7 | 862.4 | 837.4 | 794.9 | 764.0  |
| 117.5° | 711.9  | 743.9 | 788.1 | 815.9 | 832.9 | 836.9 | 832.9 | 815.9 | 788.1 | 743.9 | 711.9  |
| 120°   | 662.6  | 691.3 | 736.0 | 767.7 | 781.3 | 784.7 | 781.3 | 767.7 | 736.0 | 691.3 | 662.6  |
| 122.5° | 623.8  | 649.9 | 688.4 | 716.2 | 731.5 | 736.0 | 731.5 | 716.2 | 688.4 | 649.9 | 623.8  |
| 125°   | 589.2  | 611.9 | 648.2 | 673.1 | 687.3 | 691.3 | 687.3 | 673.1 | 648.2 | 611.9 | 589.2  |
| 127.5° | 561.0  | 581.9 | 614.8 | 636.3 | 649.3 | 652.7 | 649.3 | 636.3 | 614.8 | 581.9 | 561.0  |
| 130°   | 534.8  | 554.1 | 584.2 | 604.6 | 616.5 | 621.0 | 616.5 | 604.6 | 584.2 | 554.1 | 534.8  |
| 132.5° | 510.5  | 528.6 | 556.4 | 576.8 | 587.0 | 589.8 | 587.0 | 576.8 | 556.4 | 528.6 | 510.5  |
| 135°   | 485.2  | 501.4 | 529.2 | 546.2 | 556.4 | 560.4 | 556.4 | 546.2 | 529.2 | 501.4 | 485.2  |
| 137.5° | 461.4  | 475.9 | 499.7 | 517.3 | 525.8 | 529.2 | 525.8 | 517.3 | 499.7 | 475.9 | 461.4  |
| 140°   | 438.2  | 450.4 | 472.0 | 487.8 | 496.9 | 496.3 | 496.9 | 487.8 | 472.0 | 450.4 | 438.2  |
| 142.5° | 417.0  | 427.2 | 444.8 | 458.4 | 466.3 | 465.7 | 466.3 | 458.4 | 444.8 | 427.2 | 417.0  |
| 145°   | 398.0  | 406.3 | 420.4 | 432.3 | 436.9 | 438.0 | 436.9 | 432.3 | 420.4 | 406.3 | 398.0  |
| 147.5° | 383.4  | 389.3 | 400.6 | 409.1 | 413.6 | 414.2 | 413.6 | 409.1 | 400.6 | 389.3 | 383.4  |
| 150°   | 370.3  | 375.7 | 384.2 | 390.4 | 393.8 | 393.8 | 393.8 | 390.4 | 384.2 | 375.7 | 370.3  |
| 152.5° | 359.0  | 363.2 | 369.4 | 375.1 | 376.8 | 376.8 | 376.8 | 375.1 | 369.4 | 363.2 | 359.0  |
| 155°   | 348.5  | 351.9 | 357.0 | 361.5 | 362.6 | 363.2 | 362.6 | 361.5 | 357.0 | 351.9 | 348.5  |
| 157.5° | 338.2  | 341.1 | 345.6 | 349.0 | 350.2 | 350.2 | 350.2 | 349.0 | 345.6 | 341.1 | 338.2  |
| 160°   | 328.9  | 330.9 | 334.9 | 338.3 | 338.3 | 337.7 | 338.3 | 338.3 | 334.9 | 330.9 | 328.9  |
| 162.5° | 320.1  | 321.8 | 324.1 | 326.9 | 326.9 | 326.4 | 326.9 | 326.9 | 324.1 | 321.8 | 320.1  |
| 165°   | 311.4  | 312.8 | 315.0 | 317.3 | 316.7 | 316.7 | 316.7 | 317.3 | 315.0 | 312.8 | 311.4  |
| 167.5° | 303.7  | 304.8 | 306.0 | 307.7 | 307.1 | 307.1 | 307.1 | 307.7 | 306.0 | 304.8 | 303.7  |
| 170°   | 296.9  | 297.5 | 298.0 | 299.2 | 298.6 | 298.6 | 298.6 | 299.2 | 298.0 | 297.5 | 296.9  |
| 172.5° | 291.0  | 291.2 | 291.2 | 292.4 | 291.2 | 290.7 | 291.2 | 292.4 | 291.2 | 291.2 | 291.0  |
| 175°   | 285.6  | 285.6 | 285.6 | 286.1 | 285.6 | 285.0 | 285.6 | 286.1 | 285.6 | 285.6 | 285.6  |
| 177.5° | 282.2  | 282.2 | 281.6 | 282.2 | 281.0 | 281.0 | 281.0 | 282.2 | 281.6 | 282.2 | 282.2  |
| 180°   | 279.9  | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9  |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1482.1 | 1487.5 | 1482.1 | 1471.4 | 1482.1 | 1488.8 | 1495.5 | 1506.3 | 1511.6 | 1511.6 | 1519.7 |
| 5°     | 1397.6 | 1408.4 | 1404.3 | 1401.7 | 1412.4 | 1419.1 | 1429.8 | 1443.2 | 1458.0 | 1467.4 | 1478.1 |
| 7.5°   | 1322.5 | 1329.2 | 1335.9 | 1335.9 | 1346.7 | 1361.4 | 1377.5 | 1393.6 | 1412.4 | 1425.8 | 1433.8 |
| 10°    | 1256.8 | 1262.2 | 1266.2 | 1271.5 | 1287.6 | 1303.7 | 1325.2 | 1345.3 | 1361.4 | 1376.2 | 1389.6 |
| 12.5°  | 1193.8 | 1201.8 | 1211.2 | 1215.2 | 1227.3 | 1247.4 | 1267.5 | 1291.7 | 1317.2 | 1331.9 | 1345.3 |
| 15°    | 1133.4 | 1137.4 | 1148.1 | 1160.2 | 1171.0 | 1192.4 | 1217.9 | 1243.4 | 1264.8 | 1287.6 | 1299.7 |
| 17.5°  | 1071.7 | 1073.0 | 1101.2 | 1094.5 | 1129.4 | 1149.5 | 1162.9 | 1187.0 | 1221.9 | 1240.7 | 1259.5 |
| 20°    | 1011.3 | 1024.7 | 1036.8 | 1043.5 | 1062.3 | 1085.1 | 1124.0 | 1142.8 | 1171.0 | 1188.4 | 1204.5 |
| 22.5°  | 964.4  | 984.5  | 984.5  | 1000.6 | 1010.0 | 1031.5 | 1059.6 | 1095.8 | 1126.7 | 1138.8 | 1161.6 |
| 25°    | 922.8  | 932.2  | 948.3  | 953.7  | 971.1  | 989.9  | 1008.7 | 1047.6 | 1081.1 | 1097.2 | 1113.3 |
| 27.5°  | 869.2  | 881.2  | 902.7  | 902.7  | 925.5  | 945.6  | 968.4  | 993.9  | 1027.4 | 1050.2 | 1067.7 |
| 30°    | 827.6  | 839.7  | 849.0  | 863.8  | 873.2  | 892.0  | 932.2  | 951.0  | 980.5  | 1000.6 | 1022.1 |
| 32.5°  | 788.7  | 798.1  | 806.1  | 822.2  | 832.9  | 854.4  | 875.9  | 909.4  | 934.9  | 953.7  | 976.5  |
| 35°    | 745.8  | 755.1  | 765.9  | 778.0  | 794.0  | 814.2  | 834.3  | 862.5  | 887.9  | 905.4  | 924.2  |
| 37.5°  | 705.5  | 712.2  | 728.3  | 736.4  | 749.8  | 768.6  | 794.0  | 823.6  | 846.4  | 859.8  | 878.5  |
| 40°    | 666.6  | 672.0  | 684.1  | 698.8  | 708.2  | 723.0  | 749.8  | 775.3  | 803.4  | 819.5  | 834.3  |
| 42.5°  | 625.0  | 631.7  | 642.5  | 657.2  | 672.0  | 688.1  | 702.8  | 732.3  | 757.8  | 771.2  | 787.3  |
| 45°    | 588.8  | 592.9  | 600.9  | 615.7  | 630.4  | 642.5  | 665.3  | 692.1  | 716.3  | 727.0  | 744.4  |
| 47.5°  | 545.9  | 549.9  | 562.0  | 568.7  | 584.8  | 600.9  | 623.7  | 650.5  | 672.0  | 682.7  | 698.8  |
| 50°    | 501.6  | 505.7  | 513.7  | 528.5  | 539.2  | 556.6  | 576.8  | 599.6  | 626.4  | 641.1  | 650.5  |
| 52.5°  | 458.7  | 466.8  | 473.5  | 485.5  | 499.0  | 516.4  | 535.2  | 556.6  | 579.4  | 594.2  | 604.9  |
| 55°    | 415.8  | 422.5  | 430.6  | 437.3  | 453.4  | 469.5  | 490.9  | 511.0  | 531.2  | 544.6  | 556.6  |
| 57.5°  | 367.5  | 376.9  | 385.0  | 398.4  | 410.4  | 423.8  | 448.0  | 464.1  | 488.2  | 497.6  | 508.4  |
| 60°    | 325.9  | 335.3  | 342.0  | 352.8  | 363.5  | 380.9  | 397.0  | 417.1  | 437.3  | 449.3  | 462.7  |
| 62.5°  | 291.1  | 295.1  | 299.1  | 309.8  | 320.6  | 336.7  | 352.8  | 372.9  | 394.3  | 401.0  | 411.8  |
| 65°    | 256.2  | 260.2  | 266.9  | 276.3  | 284.4  | 293.7  | 311.2  | 327.3  | 347.4  | 358.1  | 362.1  |
| 67.5°  | 226.7  | 230.7  | 232.0  | 238.8  | 245.5  | 256.2  | 265.6  | 281.7  | 300.4  | 307.2  | 315.2  |
| 70°    | 193.1  | 199.9  | 201.2  | 206.6  | 209.2  | 215.9  | 226.7  | 238.8  | 253.5  | 265.6  | 272.3  |
| 72.5°  | 154.2  | 163.6  | 166.3  | 174.4  | 178.4  | 185.1  | 193.1  | 202.5  | 211.9  | 217.3  | 222.7  |
| 75°    | 126.1  | 128.8  | 130.1  | 136.8  | 143.5  | 152.9  | 156.9  | 162.3  | 170.3  | 177.1  | 182.4  |
| 77.5°  | 104.6  | 106.0  | 107.3  | 107.3  | 108.6  | 114.0  | 122.1  | 128.8  | 134.1  | 136.8  | 140.8  |
| 80°    | 84.5   | 83.2   | 83.2   | 84.5   | 84.5   | 84.5   | 87.2   | 96.6   | 99.3   | 106.0  | 104.6  |
| 82.5°  | 65.7   | 63.0   | 64.4   | 63.0   | 63.0   | 63.0   | 63.0   | 64.4   | 64.4   | 68.4   | 71.1   |
| 85°    | 42.9   | 44.3   | 42.9   | 42.9   | 41.6   | 42.9   | 41.6   | 41.6   | 40.2   | 40.2   | 38.9   |
| 87.5°  | 22.8   | 24.1   | 22.8   | 22.8   | 21.5   | 22.8   | 21.5   | 21.5   | 20.1   | 20.1   | 17.4   |
| 90°    | 15.3   | 14.7   | 14.2   | 13.6   | 14.2   | 12.5   | 10.8   | 9.1    | 7.4    | 6.8    | 6.2    |
| 92.5°  | 38.0   | 43.6   | 56.1   | 78.8   | 105.4  | 116.7  | 87.3   | 57.2   | 39.1   | 34.0   | 28.9   |
| 95°    | 108.2  | 138.3  | 204.0  | 272.5  | 336.0  | 299.2  | 206.2  | 121.8  | 73.7   | 62.6   | 51.6   |
| 97.5°  | 278.8  | 353.6  | 468.6  | 534.3  | 516.7  | 385.9  | 229.5  | 131.5  | 83.9   | 71.7   | 59.5   |
| 100°   | 555.8  | 622.1  | 668.0  | 648.2  | 536.6  | 362.6  | 213.6  | 129.8  | 90.1   | 79.0   | 68.0   |
| 102.5° | 712.2  | 743.9  | 734.3  | 653.9  | 499.7  | 328.6  | 200.0  | 132.0  | 97.5   | 87.6   | 77.6   |
| 105°   | 804.0  | 793.2  | 736.6  | 618.2  | 455.5  | 302.0  | 194.9  | 136.6  | 106.0  | 97.2   | 88.4   |
| 107.5° | 835.7  | 791.5  | 702.6  | 567.2  | 416.5  | 282.7  | 193.8  | 143.9  | 116.7  | 108.5  | 100.3  |
| 110°   | 825.0  | 753.6  | 649.3  | 519.6  | 384.2  | 272.5  | 196.6  | 153.5  | 128.1  | 120.2  | 112.2  |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 785.9 | 703.7 | 596.6 | 478.2 | 362.6 | 266.9 | 202.3 | 163.2 | 140.0 | 132.4  | 124.7 |
| 115°   | 733.2 | 649.9 | 551.3 | 446.5 | 348.5 | 266.3 | 208.5 | 173.9 | 152.4 | 144.8  | 137.1 |
| 117.5° | 679.9 | 603.4 | 516.2 | 425.5 | 338.8 | 266.9 | 216.4 | 185.3 | 163.7 | 156.6  | 149.6 |
| 120°   | 634.0 | 566.0 | 489.5 | 409.7 | 332.6 | 269.1 | 225.5 | 196.0 | 175.6 | 168.6  | 161.5 |
| 122.5° | 597.8 | 536.0 | 468.6 | 396.6 | 328.6 | 273.1 | 234.0 | 207.4 | 187.5 | 179.8  | 172.2 |
| 125°   | 566.6 | 512.2 | 450.4 | 385.9 | 325.2 | 277.1 | 243.1 | 218.1 | 198.3 | 190.6  | 183.0 |
| 127.5° | 540.0 | 490.1 | 434.0 | 375.7 | 323.5 | 281.6 | 250.4 | 227.8 | 208.5 | 200.8  | 193.2 |
| 130°   | 515.6 | 469.7 | 418.7 | 367.7 | 321.8 | 286.1 | 257.8 | 236.3 | 217.6 | 210.0  | 202.3 |
| 132.5° | 492.4 | 450.4 | 404.6 | 360.4 | 321.3 | 289.5 | 264.6 | 243.6 | 225.5 | 218.2  | 210.8 |
| 135°   | 469.1 | 432.3 | 392.1 | 354.1 | 320.7 | 292.9 | 270.3 | 251.0 | 233.4 | 225.8  | 218.1 |
| 137.5° | 447.0 | 414.2 | 380.2 | 348.5 | 319.6 | 295.2 | 274.8 | 256.1 | 239.1 | 232.0  | 224.9 |
| 140°   | 426.1 | 398.9 | 370.0 | 343.4 | 319.0 | 297.5 | 278.2 | 261.2 | 244.8 | 237.7  | 230.6 |
| 142.5° | 406.8 | 384.2 | 360.4 | 338.8 | 317.9 | 299.2 | 281.6 | 265.2 | 249.3 | 242.8  | 236.3 |
| 145°   | 389.8 | 371.7 | 353.0 | 334.9 | 316.7 | 299.7 | 283.9 | 268.6 | 253.8 | 247.3  | 240.8 |
| 147.5° | 377.4 | 362.1 | 346.8 | 330.9 | 315.0 | 299.7 | 285.6 | 271.4 | 257.8 | 252.2  | 246.5 |
| 150°   | 364.9 | 353.0 | 340.0 | 326.9 | 312.8 | 299.7 | 286.1 | 274.2 | 261.2 | 256.1  | 251.0 |
| 152.5° | 354.7 | 344.5 | 333.7 | 322.4 | 309.9 | 298.0 | 287.3 | 275.9 | 265.2 | 260.4  | 255.5 |
| 155°   | 345.1 | 336.6 | 327.5 | 317.9 | 306.5 | 296.9 | 287.3 | 278.2 | 268.6 | 264.6  | 260.6 |
| 157.5° | 335.4 | 328.6 | 320.7 | 312.8 | 303.7 | 295.2 | 287.8 | 279.3 | 271.4 | 268.3  | 265.2 |
| 160°   | 326.9 | 321.3 | 315.0 | 307.7 | 300.3 | 294.1 | 287.8 | 281.0 | 274.2 | 271.4  | 268.6 |
| 162.5° | 318.4 | 313.3 | 308.2 | 302.6 | 296.9 | 291.8 | 287.3 | 281.6 | 275.9 | 273.6  | 271.4 |
| 165°   | 309.9 | 306.0 | 302.6 | 298.0 | 293.5 | 289.5 | 286.1 | 282.2 | 277.6 | 275.6  | 273.7 |
| 167.5° | 302.6 | 300.3 | 297.5 | 293.5 | 290.1 | 287.3 | 285.6 | 282.2 | 278.8 | 277.4  | 275.9 |
| 170°   | 296.3 | 294.1 | 292.4 | 289.5 | 286.7 | 285.0 | 283.9 | 281.6 | 278.8 | 278.2  | 277.6 |
| 172.5° | 290.7 | 289.0 | 287.8 | 285.6 | 283.9 | 283.3 | 283.3 | 281.6 | 279.3 | 279.0  | 278.8 |
| 175°   | 285.6 | 284.4 | 283.9 | 282.7 | 281.6 | 281.6 | 282.2 | 281.0 | 279.9 | 279.6  | 279.3 |
| 177.5° | 282.2 | 281.6 | 281.0 | 280.5 | 279.9 | 280.5 | 281.6 | 280.5 | 279.9 | 279.9  | 279.9 |
| 180°   | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 279.9  | 279.9 |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1526.4 | 1535.8 | 1554.6 | 1570.7 |
| 5°     | 1494.2 | 1509.0 | 1537.1 | 1565.3 |
| 7.5°   | 1455.3 | 1478.1 | 1514.3 | 1553.2 |
| 10°    | 1417.7 | 1447.3 | 1491.5 | 1537.1 |
| 12.5°  | 1380.2 | 1411.0 | 1458.0 | 1517.0 |
| 15°    | 1335.9 | 1368.1 | 1424.5 | 1495.5 |
| 17.5°  | 1297.0 | 1340.0 | 1390.9 | 1462.0 |
| 20°    | 1255.5 | 1287.6 | 1353.4 | 1428.5 |
| 22.5°  | 1203.1 | 1256.8 | 1318.5 | 1397.6 |
| 25°    | 1161.6 | 1208.5 | 1270.2 | 1360.1 |
| 27.5°  | 1110.6 | 1165.6 | 1240.7 | 1319.8 |
| 30°    | 1069.0 | 1114.6 | 1184.4 | 1279.6 |
| 32.5°  | 1020.7 | 1074.4 | 1146.8 | 1240.7 |
| 35°    | 977.8  | 1023.4 | 1091.8 | 1187.0 |
| 37.5°  | 926.8  | 976.5  | 1052.9 | 1137.4 |
| 40°    | 882.6  | 930.9  | 1003.3 | 1082.4 |
| 42.5°  | 828.9  | 879.9  | 952.3  | 1019.4 |
| 45°    | 786.0  | 832.9  | 890.6  | 952.3  |
| 47.5°  | 733.7  | 783.3  | 839.7  | 882.6  |
| 50°    | 686.7  | 732.3  | 776.6  | 812.8  |
| 52.5°  | 635.8  | 677.4  | 717.6  | 744.4  |
| 55°    | 588.8  | 621.0  | 653.2  | 672.0  |
| 57.5°  | 533.8  | 564.7  | 591.5  | 602.2  |
| 60°    | 485.5  | 511.0  | 528.5  | 540.5  |
| 62.5°  | 434.6  | 453.4  | 466.8  | 473.5  |
| 65°    | 385.0  | 398.4  | 405.1  | 411.8  |
| 67.5°  | 334.0  | 346.1  | 350.1  | 358.1  |
| 70°    | 280.3  | 293.7  | 296.4  | 300.4  |
| 72.5°  | 240.1  | 240.1  | 245.5  | 250.8  |
| 75°    | 191.8  | 194.5  | 197.2  | 197.2  |
| 77.5°  | 150.2  | 150.2  | 152.9  | 154.2  |
| 80°    | 110.0  | 111.3  | 111.3  | 110.0  |
| 82.5°  | 75.1   | 77.8   | 75.1   | 73.8   |
| 85°    | 41.6   | 46.9   | 44.3   | 44.3   |
| 87.5°  | 17.4   | 17.4   | 20.1   | 17.4   |
| 90°    | 5.1    | 3.4    | 2.3    | 1.1    |
| 92.5°  | 23.2   | 18.1   | 12.5   | 8.5    |
| 95°    | 36.8   | 27.2   | 21.0   | 19.3   |
| 97.5°  | 44.8   | 36.3   | 31.2   | 30.6   |
| 100°   | 54.4   | 46.5   | 42.5   | 41.9   |
| 102.5° | 65.7   | 58.4   | 55.0   | 53.8   |
| 105°   | 77.6   | 70.8   | 67.4   | 65.7   |
| 107.5° | 90.1   | 83.3   | 79.9   | 78.2   |
| 110°   | 102.6  | 96.3   | 93.5   | 91.8   |

TEST NUMBER: P1012205

CATALOG NUMBER: S123RDIP-B1000D585UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 115.0 | 108.8 | 106.0 | 104.3 |
| 115°   | 127.5 | 121.8 | 118.4 | 116.2 |
| 117.5° | 138.8 | 133.7 | 130.9 | 128.1 |
| 120°   | 150.7 | 145.1 | 142.2 | 140.5 |
| 122.5° | 162.0 | 155.8 | 153.0 | 151.3 |
| 125°   | 172.2 | 166.0 | 162.6 | 161.5 |
| 127.5° | 181.3 | 175.1 | 171.1 | 169.4 |
| 130°   | 190.4 | 183.6 | 178.5 | 176.8 |
| 132.5° | 198.9 | 190.4 | 184.7 | 182.4 |
| 135°   | 206.2 | 197.7 | 191.5 | 189.2 |
| 137.5° | 213.0 | 204.0 | 197.7 | 195.5 |
| 140°   | 219.3 | 210.2 | 204.5 | 201.7 |
| 142.5° | 224.9 | 217.0 | 210.8 | 208.5 |
| 145°   | 231.2 | 222.7 | 217.6 | 215.9 |
| 147.5° | 236.8 | 229.5 | 224.4 | 223.2 |
| 150°   | 243.1 | 235.7 | 231.2 | 230.6 |
| 152.5° | 248.7 | 242.5 | 238.0 | 238.0 |
| 155°   | 254.4 | 248.7 | 245.3 | 245.3 |
| 157.5° | 259.5 | 254.4 | 251.6 | 251.0 |
| 160°   | 264.6 | 260.1 | 257.8 | 257.8 |
| 162.5° | 268.0 | 264.6 | 262.9 | 262.9 |
| 165°   | 271.4 | 268.6 | 267.4 | 268.0 |
| 167.5° | 274.2 | 272.0 | 271.4 | 272.0 |
| 170°   | 276.5 | 274.8 | 274.2 | 275.4 |
| 172.5° | 278.2 | 277.1 | 277.1 | 277.6 |
| 175°   | 279.3 | 278.2 | 278.8 | 279.3 |
| 177.5° | 279.9 | 279.3 | 279.9 | 280.5 |
| 180°   | 279.9 | 279.9 | 279.9 | 279.9 |

(END OF REPORT)