

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: P1026055

Luminaire Tested: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1026055  
REPORT IS A COMBINATION OF REPORTS P998995 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-B1020D810UB30-4F0-XX-W2A-A  
Description: Define 4 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}  
{m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

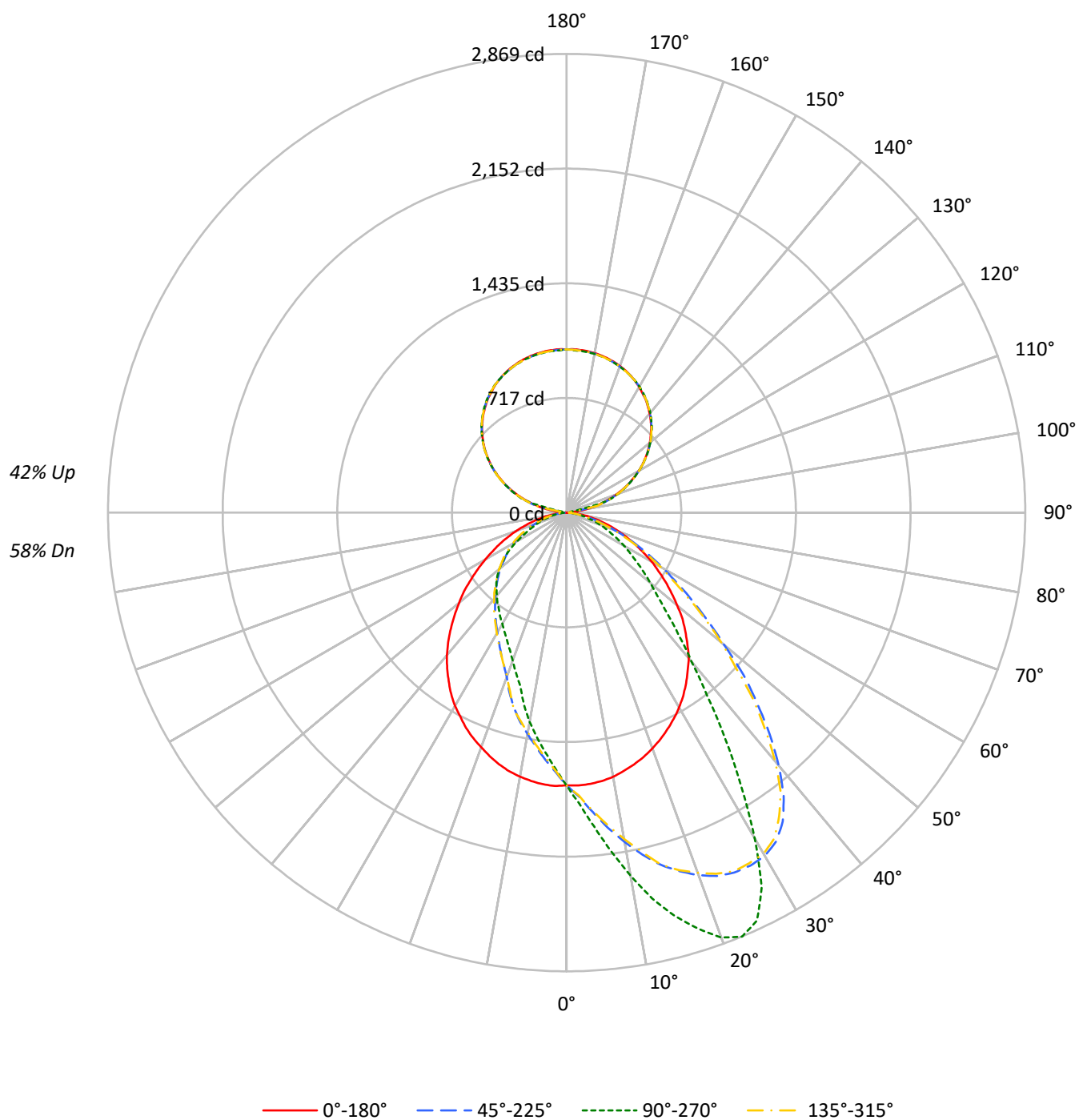
Lumens per Lamp: N/A  
Luminaire Lumens: 7472.0 lumens  
Efficiency: N/A  
Efficacy: 110.0 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 67.9  
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: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1026055

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 63 | 63 | 63 |
| 1   | 100 | 96  | 92  | 89  | 93  | 90  | 86  | 83  | 78 | 75 | 73 | 67 | 65 | 64 | 57 | 56 | 54 |
| 2   | 92  | 84  | 78  | 73  | 85  | 79  | 74  | 69  | 69 | 65 | 61 | 59 | 56 | 54 | 51 | 49 | 47 |
| 3   | 84  | 75  | 67  | 62  | 78  | 70  | 64  | 59  | 61 | 56 | 52 | 53 | 49 | 46 | 45 | 43 | 40 |
| 4   | 77  | 66  | 59  | 53  | 72  | 62  | 55  | 50  | 55 | 49 | 45 | 47 | 43 | 40 | 41 | 38 | 35 |
| 5   | 71  | 59  | 51  | 46  | 66  | 56  | 49  | 43  | 49 | 43 | 39 | 43 | 38 | 35 | 37 | 34 | 31 |
| 6   | 65  | 53  | 45  | 40  | 61  | 50  | 43  | 38  | 44 | 39 | 34 | 39 | 34 | 31 | 34 | 30 | 27 |
| 7   | 61  | 48  | 41  | 35  | 56  | 46  | 39  | 34  | 40 | 35 | 30 | 35 | 31 | 27 | 31 | 27 | 25 |
| 8   | 56  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 37 | 31 | 27 | 33 | 28 | 25 | 28 | 25 | 22 |
| 9   | 53  | 40  | 33  | 28  | 49  | 38  | 31  | 27  | 34 | 28 | 24 | 30 | 25 | 22 | 26 | 23 | 20 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 29  | 24  | 31 | 26 | 22 | 28 | 23 | 20 | 24 | 21 | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13907 | 13907 | 13907 | 13907 |
| 5°  | 13906 | 15714 | 13929 | 12010 |
| 10° | 13833 | 18114 | 13821 | 10445 |
| 15° | 13667 | 20387 | 13667 | 8745  |
| 20° | 13495 | 22104 | 13425 | 7701  |
| 25° | 13286 | 22198 | 13224 | 6955  |
| 30° | 13062 | 18876 | 12960 | 6442  |
| 35° | 12745 | 14242 | 12584 | 6060  |
| 40° | 12394 | 10322 | 12150 | 5762  |
| 45° | 11812 | 7845  | 11519 | 5497  |
| 50° | 11122 | 6340  | 10817 | 5110  |
| 55° | 10375 | 5250  | 10036 | 4595  |
| 60° | 9623  | 4439  | 9195  | 3821  |
| 65° | 8682  | 3616  | 8406  | 3037  |
| 70° | 7817  | 2933  | 7449  | 2467  |
| 75° | 6850  | 2113  | 6374  | 1808  |
| 80° | 5651  | 1401  | 5145  | 1330  |
| 85° | 4097  | 721   | 3398  | 721   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 17409 cd/sqm

TEST NUMBER: P1026055

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 165.1  | 2.2       |
| 10°-20°   | 498.7  | 6.7       |
| 20°-30°   | 781.1  | 10.5      |
| 30°-40°   | 867.4  | 11.6      |
| 40°-50°   | 768.7  | 10.3      |
| 50°-60°   | 599.0  | 8.0       |
| 60°-70°   | 391.8  | 5.2       |
| 70°-80°   | 192.3  | 2.6       |
| 80°-90°   | 48.9   | 0.7       |
| 90°-100°  | 33.9   | 0.5       |
| 100°-110° | 223.1  | 3.0       |
| 110°-120° | 426.1  | 5.7       |
| 120°-130° | 541.0  | 7.2       |
| 130°-140° | 578.7  | 7.7       |
| 140°-150° | 541.2  | 7.2       |
| 150°-160° | 436.4  | 5.8       |
| 160°-170° | 281.4  | 3.8       |
| 170°-180° | 97.0   | 1.3       |
| 0°-30°    | 1445.0 | 19.3      |
| 0°-40°    | 2312.4 | 30.9      |
| 0°-60°    | 3680.1 | 49.3      |
| 0°-90°    | 4313.1 | 57.7      |
| 90°-120°  | 683.2  | 9.1       |
| 90°-150°  | 2344.0 | 31.4      |
| 90°-180°  | 3159.0 | 42.3      |
| 0°-180°   | 7472.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1705 | 1705 | 1705 | 1705 | 1705 |      |
| 5°   | 1703 | 1971 | 1705 | 1506 | 1703 | 162  |
| 15°  | 1630 | 2611 | 1630 | 1120 | 1630 | 460  |
| 25°  | 1494 | 2816 | 1487 | 882  | 1494 | 688  |
| 35°  | 1303 | 1734 | 1286 | 738  | 1303 | 814  |
| 45°  | 1050 | 886  | 1024 | 621  | 1050 | 810  |
| 55°  | 756  | 529  | 731  | 463  | 756  | 676  |
| 65°  | 474  | 309  | 459  | 260  | 474  | 473  |
| 75°  | 238  | 143  | 221  | 122  | 238  | 252  |
| 85°  | 56   | 34   | 47   | 34   | 56   | 64   |
| 90°  | 2    | 23   | 2    | 23   | 2    | 6    |
| 95°  | 42   | 22   | 42   | 22   | 42   | 52   |
| 105° | 230  | 218  | 230  | 218  | 230  | 241  |
| 115° | 429  | 432  | 429  | 432  | 429  | 422  |
| 125° | 603  | 608  | 603  | 608  | 603  | 539  |
| 135° | 748  | 754  | 748  | 754  | 748  | 577  |
| 145° | 863  | 867  | 863  | 867  | 863  | 539  |
| 155° | 946  | 945  | 946  | 945  | 946  | 436  |
| 165° | 998  | 993  | 998  | 993  | 998  | 282  |
| 175° | 1021 | 1015 | 1021 | 1015 | 1021 | 97   |
| 180° | 1021 | 1021 | 1021 | 1021 | 1021 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1708.1 | 1723.2 | 1731.5 | 1738.4 | 1752.1 | 1757.6 | 1768.6 | 1771.3 | 1782.3 | 1781.0 | 1776.8 |
| 5°     | 1702.6 | 1728.7 | 1748.0 | 1768.6 | 1793.3 | 1807.1 | 1822.2 | 1844.2 | 1855.2 | 1870.3 | 1879.9 |
| 7.5°   | 1693.0 | 1728.7 | 1760.3 | 1792.0 | 1831.8 | 1853.8 | 1873.0 | 1907.4 | 1936.2 | 1961.0 | 1988.5 |
| 10°    | 1677.9 | 1723.2 | 1770.0 | 1812.6 | 1867.5 | 1893.6 | 1922.5 | 1973.3 | 2013.2 | 2047.6 | 2091.5 |
| 12.5°  | 1654.5 | 1717.7 | 1770.0 | 1827.7 | 1897.8 | 1933.5 | 1972.0 | 2032.4 | 2079.2 | 2135.5 | 2190.5 |
| 15°    | 1629.8 | 1699.9 | 1768.6 | 1844.2 | 1923.9 | 1965.1 | 2003.6 | 2084.7 | 2156.1 | 2220.7 | 2281.2 |
| 17.5°  | 1602.3 | 1679.3 | 1754.9 | 1838.7 | 1934.9 | 1985.7 | 2031.1 | 2128.6 | 2207.0 | 2290.8 | 2351.3 |
| 20°    | 1569.3 | 1653.2 | 1739.7 | 1833.2 | 1941.7 | 1998.1 | 2048.9 | 2160.2 | 2246.8 | 2337.5 | 2413.1 |
| 22.5°  | 1533.6 | 1624.3 | 1719.1 | 1820.8 | 1933.5 | 1995.3 | 2054.4 | 2174.0 | 2274.3 | 2358.1 | 2459.8 |
| 25°    | 1493.8 | 1589.9 | 1687.5 | 1794.7 | 1921.1 | 1988.5 | 2048.9 | 2167.1 | 2274.3 | 2384.2 | 2483.2 |
| 27.5°  | 1452.5 | 1551.5 | 1653.2 | 1765.8 | 1895.0 | 1961.0 | 2029.7 | 2143.7 | 2268.8 | 2388.4 | 2488.7 |
| 30°    | 1407.2 | 1503.4 | 1610.6 | 1717.7 | 1855.2 | 1921.1 | 1991.2 | 2114.9 | 2250.9 | 2370.5 | 2479.1 |
| 32.5°  | 1357.7 | 1456.6 | 1558.3 | 1669.7 | 1804.3 | 1875.8 | 1940.4 | 2080.5 | 2219.3 | 2337.5 | 2439.2 |
| 35°    | 1302.7 | 1396.2 | 1492.4 | 1606.4 | 1739.7 | 1804.3 | 1881.3 | 2026.9 | 2167.1 | 2292.2 | 2358.1 |
| 37.5°  | 1243.6 | 1333.0 | 1422.3 | 1535.0 | 1662.8 | 1741.1 | 1816.7 | 1963.7 | 2112.1 | 2196.0 | 2230.3 |
| 40°    | 1188.7 | 1267.0 | 1345.3 | 1453.9 | 1583.1 | 1664.2 | 1741.1 | 1893.6 | 2024.2 | 2088.8 | 2062.7 |
| 42.5°  | 1118.6 | 1199.7 | 1269.8 | 1370.1 | 1500.6 | 1576.2 | 1654.5 | 1812.6 | 1918.4 | 1944.5 | 1879.9 |
| 45°    | 1049.9 | 1117.2 | 1184.6 | 1282.1 | 1419.5 | 1484.1 | 1568.0 | 1715.0 | 1802.9 | 1779.6 | 1684.8 |
| 47.5°  | 982.6  | 1037.5 | 1100.7 | 1195.6 | 1319.2 | 1396.2 | 1474.5 | 1602.3 | 1664.2 | 1631.2 | 1499.3 |
| 50°    | 902.8  | 957.8  | 1023.8 | 1106.2 | 1225.8 | 1300.0 | 1361.8 | 1480.0 | 1526.7 | 1445.7 | 1286.2 |
| 52.5°  | 827.3  | 875.4  | 931.7  | 1008.7 | 1122.7 | 1190.1 | 1257.4 | 1359.1 | 1374.2 | 1280.8 | 1113.1 |
| 55°    | 755.8  | 794.3  | 853.4  | 915.2  | 1019.7 | 1091.1 | 1137.8 | 1224.4 | 1220.3 | 1103.5 | 959.2  |
| 57.5°  | 681.6  | 717.3  | 757.2  | 821.8  | 920.7  | 974.3  | 1025.2 | 1100.7 | 1060.9 | 961.9  | 819.0  |
| 60°    | 615.6  | 636.3  | 676.1  | 737.9  | 821.8  | 868.5  | 908.3  | 949.6  | 915.2  | 808.0  | 698.1  |
| 62.5°  | 542.8  | 566.2  | 595.0  | 644.5  | 718.7  | 762.7  | 791.5  | 809.4  | 773.7  | 691.2  | 590.9  |
| 65°    | 474.1  | 494.7  | 524.9  | 568.9  | 625.3  | 658.2  | 673.4  | 685.7  | 666.5  | 573.0  | 493.3  |
| 67.5°  | 412.3  | 426.0  | 453.5  | 482.3  | 542.8  | 551.1  | 571.7  | 577.2  | 538.7  | 467.2  | 404.0  |
| 70°    | 350.4  | 364.2  | 376.5  | 410.9  | 438.4  | 453.5  | 457.6  | 457.6  | 419.1  | 372.4  | 320.2  |
| 72.5°  | 292.7  | 300.9  | 313.3  | 336.7  | 351.8  | 362.8  | 368.3  | 361.4  | 325.7  | 287.2  | 248.7  |
| 75°    | 237.7  | 241.9  | 252.9  | 268.0  | 280.3  | 276.2  | 274.8  | 266.6  | 240.5  | 213.0  | 191.0  |
| 77.5°  | 182.8  | 185.5  | 197.9  | 202.0  | 202.0  | 206.1  | 200.6  | 192.4  | 170.4  | 149.8  | 140.2  |
| 80°    | 137.4  | 141.5  | 142.9  | 145.7  | 142.9  | 142.9  | 138.8  | 125.1  | 114.1  | 104.4  | 97.6   |
| 82.5°  | 94.8   | 97.6   | 98.9   | 94.8   | 97.6   | 93.4   | 86.6   | 77.0   | 70.1   | 68.7   | 66.0   |
| 85°    | 56.3   | 57.7   | 56.3   | 56.3   | 52.2   | 50.8   | 45.3   | 44.0   | 41.2   | 41.2   | 39.9   |
| 87.5°  | 27.5   | 26.1   | 23.4   | 20.6   | 20.6   | 19.2   | 20.6   | 17.9   | 20.6   | 19.2   | 17.9   |
| 90°    | 2.3    | 4.2    | 6.0    | 7.9    | 9.8    | 10.7   | 11.4   | 12.7   | 14.1   | 15.4   | 16.8   |
| 92.5°  | 11.5   | 11.1   | 10.8   | 10.4   | 10.1   | 9.9    | 10.6   | 11.9   | 13.3   | 14.6   | 16.0   |
| 95°    | 42.0   | 36.2   | 30.4   | 24.7   | 18.9   | 16.0   | 16.1   | 16.3   | 16.4   | 16.6   | 16.8   |
| 97.5°  | 80.2   | 83.9   | 87.7   | 91.4   | 95.1   | 97.0   | 88.1   | 70.3   | 52.4   | 34.6   | 16.8   |
| 100°   | 125.2  | 128.3  | 131.3  | 134.4  | 137.5  | 139.0  | 127.3  | 103.9  | 80.4   | 57.0   | 33.6   |
| 102.5° | 175.6  | 177.6  | 179.7  | 181.7  | 183.8  | 184.8  | 185.8  | 187.8  | 189.9  | 191.9  | 193.9  |
| 105°   | 229.8  | 230.8  | 231.8  | 232.9  | 233.9  | 234.4  | 234.8  | 235.7  | 236.5  | 237.4  | 238.2  |
| 107.5° | 279.5  | 280.0  | 280.5  | 281.0  | 281.5  | 281.7  | 282.3  | 283.5  | 284.7  | 285.9  | 287.1  |
| 110°   | 329.9  | 330.4  | 330.9  | 331.4  | 331.9  | 332.1  | 332.6  | 333.6  | 334.7  | 335.7  | 336.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.7  | 379.7  | 380.7  | 381.8  | 382.8  | 383.3  | 383.5  | 383.8  | 384.1  | 384.5  | 384.8  |
| 115°   | 429.1  | 429.6  | 430.1  | 430.6  | 431.1  | 431.4  | 431.3  | 431.1  | 431.0  | 430.8  | 430.6  |
| 117.5° | 474.2  | 474.9  | 475.5  | 476.2  | 476.9  | 477.2  | 477.5  | 478.0  | 478.5  | 479.0  | 479.5  |
| 120°   | 520.0  | 520.7  | 521.3  | 522.0  | 522.7  | 523.0  | 522.9  | 522.8  | 522.6  | 522.5  | 522.3  |
| 122.5° | 562.7  | 563.1  | 563.4  | 563.8  | 564.1  | 564.3  | 564.5  | 564.8  | 565.1  | 565.5  | 565.8  |
| 125°   | 603.2  | 603.9  | 604.6  | 605.3  | 606.0  | 606.3  | 606.1  | 605.8  | 605.4  | 605.1  | 604.7  |
| 127.5° | 642.1  | 642.3  | 642.5  | 642.6  | 642.8  | 642.9  | 643.3  | 644.2  | 645.0  | 645.9  | 646.7  |
| 130°   | 679.6  | 679.8  | 679.9  | 680.1  | 680.2  | 680.3  | 680.6  | 681.1  | 681.6  | 682.1  | 682.6  |
| 132.5° | 713.9  | 714.2  | 714.6  | 714.9  | 715.2  | 715.4  | 715.7  | 716.4  | 717.1  | 717.8  | 718.5  |
| 135°   | 748.3  | 748.1  | 747.9  | 747.8  | 747.6  | 747.5  | 747.8  | 748.5  | 749.2  | 749.9  | 750.6  |
| 137.5° | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 779.2  | 780.1  | 780.9  | 781.8  | 782.6  |
| 140°   | 808.6  | 808.9  | 809.3  | 809.6  | 809.9  | 810.1  | 810.3  | 810.6  | 810.9  | 811.3  | 811.6  |
| 142.5° | 835.3  | 836.0  | 836.7  | 837.4  | 838.1  | 838.4  | 838.5  | 838.6  | 838.8  | 838.9  | 839.1  |
| 145°   | 862.8  | 863.3  | 863.8  | 864.3  | 864.8  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  |
| 147.5° | 884.2  | 885.2  | 886.2  | 887.3  | 888.3  | 888.8  | 888.7  | 888.5  | 888.4  | 888.2  | 888.0  |
| 150°   | 907.9  | 908.6  | 909.2  | 909.9  | 910.6  | 910.9  | 910.8  | 910.6  | 910.5  | 910.3  | 910.1  |
| 152.5° | 927.7  | 928.2  | 928.7  | 929.2  | 929.7  | 930.0  | 929.8  | 929.5  | 929.2  | 928.8  | 928.5  |
| 155°   | 946.0  | 946.2  | 946.4  | 946.5  | 946.7  | 946.8  | 946.5  | 946.0  | 945.5  | 945.0  | 944.5  |
| 157.5° | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 961.8  | 961.1  | 960.4  | 959.7  | 959.0  |
| 160°   | 975.8  | 975.3  | 974.8  | 974.3  | 973.8  | 973.5  | 973.4  | 973.3  | 973.1  | 973.0  | 972.8  |
| 162.5° | 988.0  | 987.3  | 986.7  | 986.0  | 985.3  | 985.0  | 984.9  | 984.7  | 984.6  | 984.4  | 984.2  |
| 165°   | 998.0  | 997.1  | 996.3  | 995.4  | 994.5  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  |
| 167.5° | 1006.3 | 1005.5 | 1004.6 | 1003.8 | 1002.9 | 1002.5 | 1002.4 | 1002.3 | 1002.1 | 1002.0 | 1001.8 |
| 170°   | 1013.2 | 1012.2 | 1011.2 | 1010.1 | 1009.1 | 1008.6 | 1008.7 | 1008.9 | 1009.0 | 1009.2 | 1009.4 |
| 172.5° | 1017.8 | 1016.8 | 1015.8 | 1014.7 | 1013.7 | 1013.2 | 1013.3 | 1013.5 | 1013.6 | 1013.8 | 1014.0 |
| 175°   | 1020.9 | 1019.9 | 1018.9 | 1017.8 | 1016.8 | 1016.3 | 1016.4 | 1016.5 | 1016.7 | 1016.8 | 1017.0 |
| 177.5° | 1023.1 | 1021.9 | 1020.7 | 1019.6 | 1018.4 | 1017.8 | 1018.0 | 1018.3 | 1018.6 | 1019.0 | 1019.3 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

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CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1787.8 | 1802.9 | 1804.3 | 1818.1 | 1813.9 | 1807.1 | 1819.4 | 1811.2 | 1827.7 | 1822.2 | 1829.1 |
| 5°     | 1892.3 | 1912.9 | 1930.7 | 1941.7 | 1961.0 | 1956.9 | 1977.5 | 1970.6 | 1985.7 | 1970.6 | 1989.8 |
| 7.5°   | 2014.6 | 2048.9 | 2066.8 | 2095.7 | 2103.9 | 2105.3 | 2130.0 | 2135.5 | 2145.1 | 2135.5 | 2146.5 |
| 10°    | 2134.1 | 2175.4 | 2216.6 | 2239.9 | 2255.1 | 2275.7 | 2297.7 | 2307.3 | 2314.1 | 2304.5 | 2311.4 |
| 12.5°  | 2242.7 | 2307.3 | 2352.6 | 2399.3 | 2410.3 | 2428.2 | 2451.6 | 2448.8 | 2476.3 | 2470.8 | 2483.2 |
| 15°    | 2343.0 | 2414.5 | 2469.4 | 2506.5 | 2536.8 | 2551.9 | 2595.9 | 2598.6 | 2597.2 | 2611.0 | 2602.7 |
| 17.5°  | 2432.3 | 2492.8 | 2571.1 | 2619.2 | 2656.3 | 2656.3 | 2681.1 | 2731.9 | 2727.8 | 2726.4 | 2734.7 |
| 20°    | 2505.2 | 2573.9 | 2646.7 | 2727.8 | 2758.0 | 2763.5 | 2797.9 | 2824.0 | 2828.1 | 2828.1 | 2828.1 |
| 22.5°  | 2560.1 | 2641.2 | 2719.5 | 2777.3 | 2800.6 | 2819.9 | 2850.1 | 2866.6 | 2872.1 | 2869.3 | 2872.1 |
| 25°    | 2587.6 | 2664.6 | 2744.3 | 2796.5 | 2810.2 | 2821.2 | 2824.0 | 2833.6 | 2832.2 | 2815.7 | 2825.4 |
| 27.5°  | 2593.1 | 2667.3 | 2719.5 | 2733.3 | 2726.4 | 2719.5 | 2675.6 | 2679.7 | 2667.3 | 2642.6 | 2652.2 |
| 30°    | 2568.4 | 2608.2 | 2606.9 | 2564.3 | 2551.9 | 2523.0 | 2483.2 | 2424.1 | 2376.0 | 2355.4 | 2362.2 |
| 32.5°  | 2479.1 | 2479.1 | 2429.6 | 2333.4 | 2290.8 | 2238.6 | 2167.1 | 2113.5 | 2050.3 | 2036.6 | 2062.7 |
| 35°    | 2355.4 | 2285.3 | 2194.6 | 2068.2 | 2003.6 | 1965.1 | 1841.4 | 1802.9 | 1749.4 | 1734.2 | 1746.6 |
| 37.5°  | 2163.0 | 2046.2 | 1914.3 | 1796.1 | 1741.1 | 1672.4 | 1563.8 | 1508.9 | 1470.4 | 1444.3 | 1456.6 |
| 40°    | 1947.2 | 1805.7 | 1668.3 | 1522.6 | 1462.1 | 1405.8 | 1324.7 | 1275.3 | 1213.4 | 1216.2 | 1220.3 |
| 42.5°  | 1741.1 | 1574.8 | 1420.9 | 1286.2 | 1228.5 | 1181.8 | 1125.5 | 1065.0 | 1043.0 | 1036.1 | 1029.3 |
| 45°    | 1522.6 | 1345.3 | 1201.0 | 1100.7 | 1048.5 | 1004.5 | 952.3  | 918.0  | 891.9  | 886.4  | 893.2  |
| 47.5°  | 1316.5 | 1166.7 | 1029.3 | 935.8  | 893.2  | 871.2  | 830.0  | 798.4  | 781.9  | 768.2  | 776.4  |
| 50°    | 1129.6 | 989.4  | 879.5  | 801.2  | 770.9  | 755.8  | 717.3  | 700.8  | 684.4  | 680.2  | 678.9  |
| 52.5°  | 975.7  | 856.1  | 761.3  | 698.1  | 674.7  | 666.5  | 637.6  | 614.3  | 600.5  | 604.6  | 607.4  |
| 55°    | 835.5  | 733.8  | 659.6  | 608.8  | 589.5  | 579.9  | 559.3  | 542.8  | 533.2  | 529.1  | 531.8  |
| 57.5°  | 711.8  | 623.9  | 570.3  | 529.1  | 514.0  | 509.8  | 487.8  | 482.3  | 475.5  | 471.3  | 471.3  |
| 60°    | 599.2  | 537.3  | 487.8  | 464.5  | 448.0  | 443.9  | 427.4  | 420.5  | 419.1  | 415.0  | 412.3  |
| 62.5°  | 504.3  | 453.5  | 419.1  | 394.4  | 387.5  | 386.1  | 375.2  | 366.9  | 362.8  | 360.0  | 360.0  |
| 65°    | 421.9  | 384.8  | 355.9  | 338.1  | 332.6  | 329.8  | 317.4  | 314.7  | 311.9  | 309.2  | 307.8  |
| 67.5°  | 351.8  | 318.8  | 298.2  | 285.8  | 279.0  | 280.3  | 273.5  | 268.0  | 268.0  | 266.6  | 265.2  |
| 70°    | 284.5  | 263.8  | 246.0  | 239.1  | 236.4  | 233.6  | 230.9  | 226.7  | 225.4  | 225.4  | 225.4  |
| 72.5°  | 224.0  | 210.3  | 200.6  | 196.5  | 193.8  | 191.0  | 188.3  | 188.3  | 188.3  | 186.9  | 186.9  |
| 75°    | 171.8  | 166.3  | 159.4  | 155.3  | 155.3  | 158.0  | 153.9  | 149.8  | 145.7  | 142.9  | 144.3  |
| 77.5°  | 129.2  | 126.4  | 122.3  | 115.4  | 116.8  | 114.1  | 114.1  | 111.3  | 112.7  | 112.7  | 109.9  |
| 80°    | 94.8   | 90.7   | 89.3   | 85.2   | 86.6   | 85.2   | 83.8   | 83.8   | 81.1   | 81.1   | 81.1   |
| 82.5°  | 66.0   | 61.8   | 61.8   | 60.5   | 59.1   | 59.1   | 57.7   | 57.7   | 59.1   | 56.3   | 56.3   |
| 85°    | 39.9   | 38.5   | 38.5   | 35.7   | 35.7   | 35.7   | 35.7   | 37.1   | 35.7   | 34.4   | 34.4   |
| 87.5°  | 17.9   | 19.2   | 17.9   | 16.5   | 16.5   | 16.5   | 15.1   | 15.1   | 13.7   | 15.1   | 15.1   |
| 90°    | 17.8   | 18.8   | 19.9   | 20.9   | 21.4   | 21.6   | 21.9   | 22.2   | 22.6   | 22.9   | 22.6   |
| 92.5°  | 17.0   | 18.0   | 19.1   | 20.1   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 95°    | 17.8   | 18.8   | 19.9   | 20.9   | 21.4   | 21.5   | 21.6   | 21.8   | 21.9   | 22.1   | 21.9   |
| 97.5°  | 17.6   | 18.5   | 19.3   | 20.2   | 20.6   | 20.7   | 20.9   | 21.0   | 21.2   | 21.4   | 21.2   |
| 100°   | 30.7   | 27.8   | 24.9   | 22.0   | 20.6   | 20.7   | 20.9   | 21.0   | 21.2   | 21.4   | 21.2   |
| 102.5° | 155.7  | 117.5  | 79.4   | 41.2   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   |
| 105°   | 239.7  | 241.3  | 242.8  | 244.3  | 245.1  | 242.0  | 235.9  | 229.8  | 223.7  | 217.6  | 223.7  |
| 107.5° | 287.9  | 288.8  | 289.6  | 290.5  | 290.9  | 291.2  | 291.9  | 292.6  | 293.3  | 294.0  | 293.3  |
| 110°   | 337.0  | 337.4  | 337.7  | 338.0  | 338.2  | 338.5  | 339.0  | 339.5  | 340.0  | 340.5  | 340.0  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.6  | 384.5  | 384.3  | 384.2  | 384.1  | 384.4  | 385.1  | 385.8  | 386.4  | 387.1  | 386.4  |
| 115°   | 431.0  | 431.3  | 431.7  | 432.0  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  |
| 117.5° | 479.3  | 479.1  | 479.0  | 478.8  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  |
| 120°   | 522.6  | 523.0  | 523.3  | 523.6  | 523.8  | 523.6  | 523.3  | 523.0  | 522.6  | 522.3  | 522.6  |
| 122.5° | 566.0  | 566.1  | 566.3  | 566.4  | 566.5  | 566.3  | 566.0  | 565.7  | 565.3  | 565.0  | 565.3  |
| 125°   | 605.2  | 605.7  | 606.2  | 606.7  | 607.0  | 607.1  | 607.3  | 607.4  | 607.6  | 607.8  | 607.6  |
| 127.5° | 646.5  | 646.4  | 646.2  | 646.1  | 646.0  | 645.9  | 645.7  | 645.6  | 645.4  | 645.2  | 645.4  |
| 130°   | 682.8  | 683.0  | 683.1  | 683.3  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  |
| 132.5° | 718.7  | 718.9  | 719.0  | 719.2  | 719.3  | 719.2  | 719.0  | 718.9  | 718.7  | 718.5  | 718.7  |
| 135°   | 750.9  | 751.3  | 751.6  | 751.9  | 752.1  | 752.3  | 752.6  | 752.9  | 753.3  | 753.6  | 753.3  |
| 137.5° | 783.0  | 783.3  | 783.7  | 784.0  | 784.2  | 784.1  | 783.9  | 783.8  | 783.6  | 783.4  | 783.6  |
| 140°   | 812.1  | 812.6  | 813.1  | 813.6  | 813.9  | 814.0  | 814.2  | 814.3  | 814.5  | 814.7  | 814.5  |
| 142.5° | 839.5  | 839.8  | 840.2  | 840.5  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  |
| 145°   | 865.3  | 865.5  | 865.6  | 865.8  | 865.9  | 866.1  | 866.4  | 866.7  | 867.1  | 867.4  | 867.1  |
| 147.5° | 888.2  | 888.4  | 888.5  | 888.7  | 888.8  | 888.9  | 889.0  | 889.2  | 889.3  | 889.5  | 889.3  |
| 150°   | 910.1  | 910.1  | 910.1  | 910.1  | 910.1  | 910.2  | 910.4  | 910.5  | 910.7  | 910.9  | 910.7  |
| 152.5° | 928.8  | 929.2  | 929.5  | 929.8  | 930.0  | 929.9  | 929.7  | 929.6  | 929.4  | 929.2  | 929.4  |
| 155°   | 945.2  | 945.9  | 946.6  | 947.3  | 947.6  | 947.3  | 946.8  | 946.3  | 945.8  | 945.3  | 945.8  |
| 157.5° | 959.8  | 960.7  | 961.5  | 962.4  | 962.8  | 962.4  | 961.5  | 960.7  | 959.8  | 959.0  | 959.8  |
| 160°   | 973.8  | 974.8  | 975.8  | 976.8  | 977.3  | 976.8  | 975.8  | 974.8  | 973.8  | 972.8  | 973.8  |
| 162.5° | 985.2  | 986.2  | 987.3  | 988.3  | 988.8  | 988.2  | 987.0  | 985.8  | 984.6  | 983.4  | 984.6  |
| 165°   | 995.5  | 996.8  | 998.2  | 999.5  | 1000.2 | 999.4  | 997.9  | 996.4  | 994.9  | 993.4  | 994.9  |
| 167.5° | 1003.3 | 1004.8 | 1006.3 | 1007.8 | 1008.6 | 1007.8 | 1006.1 | 1004.4 | 1002.7 | 1001.0 | 1002.7 |
| 170°   | 1010.8 | 1012.1 | 1013.5 | 1014.8 | 1015.5 | 1014.7 | 1013.0 | 1011.3 | 1009.6 | 1007.9 | 1009.6 |
| 172.5° | 1015.4 | 1016.7 | 1018.1 | 1019.4 | 1020.1 | 1019.2 | 1017.3 | 1015.4 | 1013.6 | 1011.7 | 1013.6 |
| 175°   | 1018.5 | 1020.1 | 1021.6 | 1023.1 | 1023.9 | 1022.9 | 1020.8 | 1018.8 | 1016.7 | 1014.7 | 1016.7 |
| 177.5° | 1020.7 | 1022.0 | 1023.4 | 1024.7 | 1025.4 | 1024.4 | 1022.4 | 1020.3 | 1018.3 | 1016.3 | 1018.3 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1833.2 | 1823.6 | 1822.2 | 1822.2 | 1807.1 | 1815.3 | 1798.8 | 1781.0 | 1772.7 | 1772.7 | 1757.6 |
| 5°     | 1985.7 | 1976.1 | 1966.5 | 1951.4 | 1951.4 | 1943.1 | 1917.0 | 1890.9 | 1871.7 | 1855.2 | 1837.3 |
| 7.5°   | 2142.4 | 2132.8 | 2105.3 | 2090.2 | 2098.4 | 2081.9 | 2047.6 | 2003.6 | 1970.6 | 1944.5 | 1907.4 |
| 10°    | 2312.8 | 2286.7 | 2272.9 | 2264.7 | 2235.8 | 2218.0 | 2178.1 | 2113.5 | 2072.3 | 2037.9 | 1989.8 |
| 12.5°  | 2451.6 | 2459.8 | 2407.6 | 2411.7 | 2382.9 | 2358.1 | 2296.3 | 2234.4 | 2172.6 | 2124.5 | 2053.1 |
| 15°    | 2601.4 | 2576.6 | 2545.0 | 2520.3 | 2510.7 | 2480.4 | 2428.2 | 2345.8 | 2278.4 | 2202.8 | 2121.8 |
| 17.5°  | 2719.5 | 2700.3 | 2670.1 | 2646.7 | 2626.1 | 2553.3 | 2509.3 | 2436.5 | 2344.4 | 2270.2 | 2171.2 |
| 20°    | 2819.9 | 2802.0 | 2759.4 | 2744.3 | 2707.2 | 2655.0 | 2591.7 | 2479.1 | 2396.6 | 2315.5 | 2219.3 |
| 22.5°  | 2862.5 | 2844.6 | 2807.5 | 2788.2 | 2764.9 | 2714.0 | 2653.6 | 2546.4 | 2444.7 | 2343.0 | 2241.3 |
| 25°    | 2826.7 | 2826.7 | 2808.9 | 2802.0 | 2781.4 | 2736.0 | 2674.2 | 2583.5 | 2474.9 | 2365.0 | 2244.1 |
| 27.5°  | 2653.6 | 2687.9 | 2700.3 | 2707.2 | 2707.2 | 2708.5 | 2665.9 | 2578.0 | 2472.2 | 2365.0 | 2238.6 |
| 30°    | 2403.5 | 2461.2 | 2512.0 | 2527.2 | 2553.3 | 2582.1 | 2600.0 | 2557.4 | 2462.6 | 2349.9 | 2223.5 |
| 32.5°  | 2088.8 | 2163.0 | 2257.8 | 2281.2 | 2316.9 | 2403.5 | 2451.6 | 2469.4 | 2417.2 | 2318.3 | 2183.6 |
| 35°    | 1775.5 | 1868.9 | 1926.6 | 1998.1 | 2031.1 | 2158.9 | 2266.1 | 2330.6 | 2318.3 | 2259.2 | 2136.9 |
| 37.5°  | 1502.0 | 1555.6 | 1625.7 | 1701.3 | 1767.2 | 1889.5 | 2022.8 | 2147.9 | 2198.7 | 2169.9 | 2077.8 |
| 40°    | 1239.5 | 1302.7 | 1386.6 | 1448.4 | 1493.8 | 1616.1 | 1781.0 | 1917.0 | 2028.3 | 2046.2 | 1989.8 |
| 42.5°  | 1054.0 | 1117.2 | 1168.1 | 1235.4 | 1271.1 | 1389.3 | 1535.0 | 1705.4 | 1837.3 | 1907.4 | 1882.7 |
| 45°    | 911.1  | 949.6  | 990.8  | 1029.3 | 1073.2 | 1177.7 | 1312.4 | 1499.3 | 1647.7 | 1746.6 | 1756.2 |
| 47.5°  | 786.0  | 820.4  | 856.1  | 891.9  | 916.6  | 997.7  | 1121.3 | 1273.9 | 1436.0 | 1572.1 | 1625.7 |
| 50°    | 698.1  | 714.6  | 740.7  | 761.3  | 790.2  | 860.2  | 959.2  | 1091.1 | 1262.9 | 1409.9 | 1480.0 |
| 52.5°  | 611.5  | 632.1  | 652.7  | 670.6  | 689.8  | 739.3  | 830.0  | 944.1  | 1092.5 | 1243.6 | 1330.2 |
| 55°    | 538.7  | 555.2  | 574.4  | 586.8  | 597.8  | 641.8  | 710.5  | 798.4  | 926.2  | 1069.1 | 1176.3 |
| 57.5°  | 479.6  | 486.5  | 503.0  | 509.8  | 522.2  | 557.9  | 607.4  | 685.7  | 788.8  | 927.6  | 1015.5 |
| 60°    | 415.0  | 428.7  | 441.1  | 446.6  | 456.2  | 481.0  | 515.3  | 588.2  | 677.5  | 779.2  | 879.5  |
| 62.5°  | 362.8  | 368.3  | 377.9  | 384.8  | 391.6  | 417.8  | 446.6  | 501.6  | 568.9  | 654.1  | 746.2  |
| 65°    | 314.7  | 317.4  | 322.9  | 332.6  | 336.7  | 355.9  | 372.4  | 412.3  | 475.5  | 540.1  | 632.1  |
| 67.5°  | 265.2  | 268.0  | 274.8  | 280.3  | 284.5  | 296.8  | 314.7  | 343.5  | 377.9  | 449.4  | 500.2  |
| 70°    | 226.7  | 226.7  | 230.9  | 233.6  | 237.7  | 243.2  | 252.9  | 274.8  | 306.4  | 351.8  | 398.5  |
| 72.5°  | 189.6  | 189.6  | 189.6  | 193.8  | 193.8  | 197.9  | 203.4  | 218.5  | 240.5  | 276.2  | 306.4  |
| 75°    | 147.0  | 148.4  | 151.2  | 151.2  | 152.5  | 158.0  | 162.2  | 166.3  | 177.3  | 200.6  | 228.1  |
| 77.5°  | 111.3  | 114.1  | 115.4  | 112.7  | 115.4  | 115.4  | 120.9  | 126.4  | 131.9  | 138.8  | 159.4  |
| 80°    | 82.5   | 83.8   | 81.1   | 82.5   | 82.5   | 85.2   | 87.9   | 86.6   | 89.3   | 97.6   | 103.1  |
| 82.5°  | 55.0   | 56.3   | 56.3   | 56.3   | 56.3   | 60.5   | 60.5   | 59.1   | 60.5   | 61.8   | 63.2   |
| 85°    | 34.4   | 33.0   | 33.0   | 34.4   | 33.0   | 33.0   | 34.4   | 35.7   | 34.4   | 35.7   | 37.1   |
| 87.5°  | 15.1   | 15.1   | 15.1   | 15.1   | 13.7   | 13.7   | 15.1   | 13.7   | 15.1   | 13.7   | 12.4   |
| 90°    | 22.2   | 21.9   | 21.6   | 21.4   | 20.9   | 19.9   | 18.8   | 17.8   | 16.8   | 15.4   | 14.1   |
| 92.5°  | 20.6   | 20.6   | 20.6   | 20.6   | 20.1   | 19.1   | 18.0   | 17.0   | 16.0   | 14.6   | 13.3   |
| 95°    | 21.8   | 21.6   | 21.5   | 21.4   | 20.9   | 19.9   | 18.8   | 17.8   | 16.8   | 16.6   | 16.4   |
| 97.5°  | 21.0   | 20.9   | 20.7   | 20.6   | 20.2   | 19.3   | 18.5   | 17.6   | 16.8   | 34.6   | 52.4   |
| 100°   | 21.0   | 20.9   | 20.7   | 20.6   | 22.0   | 24.9   | 27.8   | 30.7   | 33.6   | 57.0   | 80.4   |
| 102.5° | 22.1   | 22.1   | 22.1   | 22.1   | 41.2   | 79.4   | 117.5  | 155.7  | 193.9  | 191.9  | 189.9  |
| 105°   | 229.8  | 235.9  | 242.0  | 245.1  | 244.3  | 242.8  | 241.3  | 239.7  | 238.2  | 237.4  | 236.5  |
| 107.5° | 292.6  | 291.9  | 291.2  | 290.9  | 290.5  | 289.6  | 288.8  | 287.9  | 287.1  | 285.9  | 284.7  |
| 110°   | 339.5  | 339.0  | 338.5  | 338.2  | 338.0  | 337.7  | 337.4  | 337.0  | 336.7  | 335.7  | 334.7  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.8  | 385.1  | 384.4  | 384.1  | 384.2  | 384.3  | 384.5  | 384.6  | 384.8  | 384.5  | 384.1  |
| 115°   | 432.2  | 432.2  | 432.2  | 432.2  | 432.0  | 431.7  | 431.3  | 431.0  | 430.6  | 430.8  | 431.0  |
| 117.5° | 478.7  | 478.7  | 478.7  | 478.7  | 478.8  | 479.0  | 479.1  | 479.3  | 479.5  | 479.0  | 478.5  |
| 120°   | 523.0  | 523.3  | 523.6  | 523.8  | 523.6  | 523.3  | 523.0  | 522.6  | 522.3  | 522.5  | 522.6  |
| 122.5° | 565.7  | 566.0  | 566.3  | 566.5  | 566.4  | 566.3  | 566.1  | 566.0  | 565.8  | 565.5  | 565.1  |
| 125°   | 607.4  | 607.3  | 607.1  | 607.0  | 606.7  | 606.2  | 605.7  | 605.2  | 604.7  | 605.1  | 605.4  |
| 127.5° | 645.6  | 645.7  | 645.9  | 646.0  | 646.1  | 646.2  | 646.4  | 646.5  | 646.7  | 645.9  | 645.0  |
| 130°   | 683.4  | 683.4  | 683.4  | 683.4  | 683.3  | 683.1  | 683.0  | 682.8  | 682.6  | 682.1  | 681.6  |
| 132.5° | 718.9  | 719.0  | 719.2  | 719.3  | 719.2  | 719.0  | 718.9  | 718.7  | 718.5  | 717.8  | 717.1  |
| 135°   | 752.9  | 752.6  | 752.3  | 752.1  | 751.9  | 751.6  | 751.3  | 750.9  | 750.6  | 749.9  | 749.2  |
| 137.5° | 783.8  | 783.9  | 784.1  | 784.2  | 784.0  | 783.7  | 783.3  | 783.0  | 782.6  | 781.8  | 780.9  |
| 140°   | 814.3  | 814.2  | 814.0  | 813.9  | 813.6  | 813.1  | 812.6  | 812.1  | 811.6  | 811.3  | 810.9  |
| 142.5° | 840.7  | 840.7  | 840.7  | 840.7  | 840.5  | 840.2  | 839.8  | 839.5  | 839.1  | 838.9  | 838.8  |
| 145°   | 866.7  | 866.4  | 866.1  | 865.9  | 865.8  | 865.6  | 865.5  | 865.3  | 865.1  | 865.1  | 865.1  |
| 147.5° | 889.2  | 889.0  | 888.9  | 888.8  | 888.7  | 888.5  | 888.4  | 888.2  | 888.0  | 888.2  | 888.4  |
| 150°   | 910.5  | 910.4  | 910.2  | 910.1  | 910.1  | 910.1  | 910.1  | 910.1  | 910.1  | 910.3  | 910.5  |
| 152.5° | 929.6  | 929.7  | 929.9  | 930.0  | 929.8  | 929.5  | 929.2  | 928.8  | 928.5  | 928.8  | 929.2  |
| 155°   | 946.3  | 946.8  | 947.3  | 947.6  | 947.3  | 946.6  | 945.9  | 945.2  | 944.5  | 945.0  | 945.5  |
| 157.5° | 960.7  | 961.5  | 962.4  | 962.8  | 962.4  | 961.5  | 960.7  | 959.8  | 959.0  | 959.7  | 960.4  |
| 160°   | 974.8  | 975.8  | 976.8  | 977.3  | 976.8  | 975.8  | 974.8  | 973.8  | 972.8  | 973.0  | 973.1  |
| 162.5° | 985.8  | 987.0  | 988.2  | 988.8  | 988.3  | 987.3  | 986.2  | 985.2  | 984.2  | 984.4  | 984.6  |
| 165°   | 996.4  | 997.9  | 999.4  | 1000.2 | 999.5  | 998.2  | 996.8  | 995.5  | 994.1  | 994.1  | 994.1  |
| 167.5° | 1004.4 | 1006.1 | 1007.8 | 1008.6 | 1007.8 | 1006.3 | 1004.8 | 1003.3 | 1001.8 | 1002.0 | 1002.1 |
| 170°   | 1011.3 | 1013.0 | 1014.7 | 1015.5 | 1014.8 | 1013.5 | 1012.1 | 1010.8 | 1009.4 | 1009.2 | 1009.0 |
| 172.5° | 1015.4 | 1017.3 | 1019.2 | 1020.1 | 1019.4 | 1018.1 | 1016.7 | 1015.4 | 1014.0 | 1013.8 | 1013.6 |
| 175°   | 1018.8 | 1020.8 | 1022.9 | 1023.9 | 1023.1 | 1021.6 | 1020.1 | 1018.5 | 1017.0 | 1016.8 | 1016.7 |
| 177.5° | 1020.3 | 1022.4 | 1024.4 | 1025.4 | 1024.7 | 1023.4 | 1022.0 | 1020.7 | 1019.3 | 1019.0 | 1018.6 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1749.4 | 1742.5 | 1738.4 | 1737.0 | 1724.6 | 1717.7 | 1713.6 | 1710.9 | 1706.8 | 1695.8 | 1686.1 |
| 5°     | 1815.3 | 1796.1 | 1786.5 | 1775.5 | 1756.2 | 1734.2 | 1716.4 | 1705.4 | 1691.6 | 1669.7 | 1649.0 |
| 7.5°   | 1877.2 | 1848.3 | 1829.1 | 1813.9 | 1781.0 | 1745.2 | 1716.4 | 1693.0 | 1666.9 | 1636.7 | 1607.8 |
| 10°    | 1941.7 | 1895.0 | 1870.3 | 1846.9 | 1798.8 | 1752.1 | 1710.9 | 1676.5 | 1639.4 | 1599.6 | 1568.0 |
| 12.5°  | 1992.6 | 1930.7 | 1903.3 | 1870.3 | 1811.2 | 1756.2 | 1704.0 | 1657.3 | 1609.2 | 1566.6 | 1521.2 |
| 15°    | 2051.7 | 1974.7 | 1943.1 | 1900.5 | 1819.4 | 1748.0 | 1680.6 | 1629.8 | 1580.3 | 1517.1 | 1469.0 |
| 17.5°  | 2086.0 | 1996.7 | 1951.4 | 1914.3 | 1826.3 | 1739.7 | 1661.4 | 1598.2 | 1540.5 | 1477.3 | 1426.4 |
| 20°    | 2120.4 | 2018.7 | 1967.9 | 1915.6 | 1811.2 | 1719.1 | 1636.7 | 1561.1 | 1500.6 | 1431.9 | 1379.7 |
| 22.5°  | 2131.4 | 2013.2 | 1959.6 | 1911.5 | 1801.6 | 1698.5 | 1603.7 | 1526.7 | 1456.6 | 1387.9 | 1328.8 |
| 25°    | 2131.4 | 2011.8 | 1948.6 | 1886.8 | 1771.3 | 1665.5 | 1570.7 | 1486.9 | 1408.6 | 1339.8 | 1280.8 |
| 27.5°  | 2109.4 | 1984.3 | 1918.4 | 1862.0 | 1742.5 | 1628.4 | 1530.9 | 1438.8 | 1363.2 | 1294.5 | 1227.2 |
| 30°    | 2081.9 | 1944.5 | 1878.5 | 1811.2 | 1695.8 | 1587.2 | 1481.4 | 1396.2 | 1316.5 | 1238.2 | 1177.7 |
| 32.5°  | 2047.6 | 1901.9 | 1829.1 | 1760.3 | 1638.0 | 1525.4 | 1427.8 | 1344.0 | 1268.4 | 1187.3 | 1120.0 |
| 35°    | 1998.1 | 1838.7 | 1757.6 | 1697.1 | 1579.0 | 1462.1 | 1368.7 | 1286.2 | 1213.4 | 1129.6 | 1056.8 |
| 37.5°  | 1934.9 | 1781.0 | 1698.5 | 1624.3 | 1502.0 | 1394.8 | 1306.9 | 1227.2 | 1155.7 | 1078.7 | 997.7  |
| 40°    | 1860.7 | 1699.9 | 1628.4 | 1550.1 | 1420.9 | 1319.2 | 1236.8 | 1165.3 | 1093.9 | 1021.0 | 942.7  |
| 42.5°  | 1776.8 | 1617.4 | 1537.7 | 1462.1 | 1338.5 | 1238.2 | 1161.2 | 1096.6 | 1030.6 | 963.3  | 879.5  |
| 45°    | 1676.5 | 1526.7 | 1449.8 | 1378.3 | 1258.8 | 1155.7 | 1085.6 | 1023.8 | 967.4  | 898.7  | 824.5  |
| 47.5°  | 1563.8 | 1433.3 | 1355.0 | 1278.0 | 1161.2 | 1071.9 | 1003.2 | 950.9  | 902.8  | 834.1  | 766.8  |
| 50°    | 1453.9 | 1324.7 | 1261.5 | 1183.2 | 1076.0 | 992.2  | 922.1  | 878.1  | 841.0  | 773.7  | 713.2  |
| 52.5°  | 1315.1 | 1217.5 | 1157.1 | 1089.7 | 986.7  | 901.5  | 846.5  | 808.0  | 764.1  | 711.8  | 658.2  |
| 55°    | 1192.8 | 1102.1 | 1054.0 | 990.8  | 889.1  | 813.5  | 766.8  | 731.1  | 696.7  | 650.0  | 607.4  |
| 57.5°  | 1054.0 | 997.7  | 949.6  | 894.6  | 794.3  | 729.7  | 688.5  | 658.2  | 626.6  | 588.2  | 553.8  |
| 60°    | 908.3  | 882.2  | 835.5  | 791.5  | 706.3  | 650.0  | 615.6  | 588.2  | 557.9  | 526.3  | 497.5  |
| 62.5°  | 779.2  | 764.1  | 736.6  | 702.2  | 622.5  | 574.4  | 540.1  | 519.4  | 497.5  | 468.6  | 441.1  |
| 65°    | 656.9  | 650.0  | 623.9  | 599.2  | 544.2  | 501.6  | 471.3  | 459.0  | 434.2  | 412.3  | 387.5  |
| 67.5°  | 548.3  | 540.1  | 524.9  | 514.0  | 467.2  | 427.4  | 412.3  | 395.8  | 375.2  | 358.7  | 338.1  |
| 70°    | 438.4  | 437.0  | 427.4  | 413.6  | 388.9  | 360.0  | 344.9  | 333.9  | 313.3  | 300.9  | 285.8  |
| 72.5°  | 340.8  | 347.7  | 339.4  | 333.9  | 317.4  | 296.8  | 283.1  | 276.2  | 259.7  | 250.1  | 239.1  |
| 75°    | 254.2  | 259.7  | 263.8  | 254.2  | 250.1  | 240.5  | 228.1  | 221.2  | 213.0  | 199.3  | 195.1  |
| 77.5°  | 173.1  | 185.5  | 185.5  | 188.3  | 189.6  | 184.1  | 174.5  | 169.0  | 159.4  | 156.7  | 151.2  |
| 80°    | 114.1  | 125.1  | 126.4  | 129.2  | 133.3  | 133.3  | 126.4  | 125.1  | 115.4  | 114.1  | 109.9  |
| 82.5°  | 66.0   | 75.6   | 81.1   | 85.2   | 83.8   | 89.3   | 83.8   | 82.5   | 77.0   | 77.0   | 74.2   |
| 85°    | 35.7   | 37.1   | 39.9   | 42.6   | 45.3   | 48.1   | 48.1   | 46.7   | 45.3   | 44.0   | 41.2   |
| 87.5°  | 13.7   | 13.7   | 15.1   | 13.7   | 15.1   | 17.9   | 19.2   | 19.2   | 17.9   | 16.5   | 13.7   |
| 90°    | 12.7   | 11.4   | 10.7   | 9.8    | 7.9    | 6.0    | 4.2    | 2.3    | 4.2    | 6.0    | 7.9    |
| 92.5°  | 11.9   | 10.6   | 9.9    | 10.1   | 10.4   | 10.8   | 11.1   | 11.5   | 11.1   | 10.8   | 10.4   |
| 95°    | 16.3   | 16.1   | 16.0   | 18.9   | 24.7   | 30.4   | 36.2   | 42.0   | 36.2   | 30.4   | 24.7   |
| 97.5°  | 70.3   | 88.1   | 97.0   | 95.1   | 91.4   | 87.7   | 83.9   | 80.2   | 83.9   | 87.7   | 91.4   |
| 100°   | 103.9  | 127.3  | 139.0  | 137.5  | 134.4  | 131.3  | 128.3  | 125.2  | 128.3  | 131.3  | 134.4  |
| 102.5° | 187.8  | 185.8  | 184.8  | 183.8  | 181.7  | 179.7  | 177.6  | 175.6  | 177.6  | 179.7  | 181.7  |
| 105°   | 235.7  | 234.8  | 234.4  | 233.9  | 232.9  | 231.8  | 230.8  | 229.8  | 230.8  | 231.8  | 232.9  |
| 107.5° | 283.5  | 282.3  | 281.7  | 281.5  | 281.0  | 280.5  | 280.0  | 279.5  | 280.0  | 280.5  | 281.0  |
| 110°   | 333.6  | 332.6  | 332.1  | 331.9  | 331.4  | 330.9  | 330.4  | 329.9  | 330.4  | 330.9  | 331.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.8  | 383.5  | 383.3  | 382.8  | 381.8  | 380.7  | 379.7  | 378.7  | 379.7  | 380.7  | 381.8  |
| 115°   | 431.1  | 431.3  | 431.4  | 431.1  | 430.6  | 430.1  | 429.6  | 429.1  | 429.6  | 430.1  | 430.6  |
| 117.5° | 478.0  | 477.5  | 477.2  | 476.9  | 476.2  | 475.5  | 474.9  | 474.2  | 474.9  | 475.5  | 476.2  |
| 120°   | 522.8  | 522.9  | 523.0  | 522.7  | 522.0  | 521.3  | 520.7  | 520.0  | 520.7  | 521.3  | 522.0  |
| 122.5° | 564.8  | 564.5  | 564.3  | 564.1  | 563.8  | 563.4  | 563.1  | 562.7  | 563.1  | 563.4  | 563.8  |
| 125°   | 605.8  | 606.1  | 606.3  | 606.0  | 605.3  | 604.6  | 603.9  | 603.2  | 603.9  | 604.6  | 605.3  |
| 127.5° | 644.2  | 643.3  | 642.9  | 642.8  | 642.6  | 642.5  | 642.3  | 642.1  | 642.3  | 642.5  | 642.6  |
| 130°   | 681.1  | 680.6  | 680.3  | 680.2  | 680.1  | 679.9  | 679.8  | 679.6  | 679.8  | 679.9  | 680.1  |
| 132.5° | 716.4  | 715.7  | 715.4  | 715.2  | 714.9  | 714.6  | 714.2  | 713.9  | 714.2  | 714.6  | 714.9  |
| 135°   | 748.5  | 747.8  | 747.5  | 747.6  | 747.8  | 747.9  | 748.1  | 748.3  | 748.1  | 747.9  | 747.8  |
| 137.5° | 780.1  | 779.2  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  | 778.8  |
| 140°   | 810.6  | 810.3  | 810.1  | 809.9  | 809.6  | 809.3  | 808.9  | 808.6  | 808.9  | 809.3  | 809.6  |
| 142.5° | 838.6  | 838.5  | 838.4  | 838.1  | 837.4  | 836.7  | 836.0  | 835.3  | 836.0  | 836.7  | 837.4  |
| 145°   | 865.1  | 865.1  | 865.1  | 864.8  | 864.3  | 863.8  | 863.3  | 862.8  | 863.3  | 863.8  | 864.3  |
| 147.5° | 888.5  | 888.7  | 888.8  | 888.3  | 887.3  | 886.2  | 885.2  | 884.2  | 885.2  | 886.2  | 887.3  |
| 150°   | 910.6  | 910.8  | 910.9  | 910.6  | 909.9  | 909.2  | 908.6  | 907.9  | 908.6  | 909.2  | 909.9  |
| 152.5° | 929.5  | 929.8  | 930.0  | 929.7  | 929.2  | 928.7  | 928.2  | 927.7  | 928.2  | 928.7  | 929.2  |
| 155°   | 946.0  | 946.5  | 946.8  | 946.7  | 946.5  | 946.4  | 946.2  | 946.0  | 946.2  | 946.4  | 946.5  |
| 157.5° | 961.1  | 961.8  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  | 962.1  |
| 160°   | 973.3  | 973.4  | 973.5  | 973.8  | 974.3  | 974.8  | 975.3  | 975.8  | 975.3  | 974.8  | 974.3  |
| 162.5° | 984.7  | 984.9  | 985.0  | 985.3  | 986.0  | 986.7  | 987.3  | 988.0  | 987.3  | 986.7  | 986.0  |
| 165°   | 994.1  | 994.1  | 994.1  | 994.5  | 995.4  | 996.3  | 997.1  | 998.0  | 997.1  | 996.3  | 995.4  |
| 167.5° | 1002.3 | 1002.4 | 1002.5 | 1002.9 | 1003.8 | 1004.6 | 1005.5 | 1006.3 | 1005.5 | 1004.6 | 1003.8 |
| 170°   | 1008.9 | 1008.7 | 1008.6 | 1009.1 | 1010.1 | 1011.2 | 1012.2 | 1013.2 | 1012.2 | 1011.2 | 1010.1 |
| 172.5° | 1013.5 | 1013.3 | 1013.2 | 1013.7 | 1014.7 | 1015.8 | 1016.8 | 1017.8 | 1016.8 | 1015.8 | 1014.7 |
| 175°   | 1016.5 | 1016.4 | 1016.3 | 1016.8 | 1017.8 | 1018.9 | 1019.9 | 1020.9 | 1019.9 | 1018.9 | 1017.8 |
| 177.5° | 1018.3 | 1018.0 | 1017.8 | 1018.4 | 1019.6 | 1020.7 | 1021.9 | 1023.1 | 1021.9 | 1020.7 | 1019.6 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

TEST NUMBER: P1026055

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1677.9 | 1675.1 | 1672.4 | 1661.4 | 1651.8 | 1635.3 | 1621.6 | 1616.1 | 1614.7 | 1616.1 | 1611.9 |
| 5°     | 1629.8 | 1628.4 | 1618.8 | 1599.6 | 1581.7 | 1562.5 | 1548.7 | 1535.0 | 1526.7 | 1526.7 | 1517.1 |
| 7.5°   | 1584.5 | 1574.8 | 1566.6 | 1541.9 | 1521.2 | 1495.1 | 1474.5 | 1462.1 | 1455.3 | 1440.2 | 1440.2 |
| 10°    | 1536.4 | 1522.6 | 1511.6 | 1488.3 | 1458.0 | 1431.9 | 1405.8 | 1390.7 | 1378.3 | 1367.3 | 1363.2 |
| 12.5°  | 1488.3 | 1477.3 | 1456.6 | 1431.9 | 1401.7 | 1368.7 | 1341.2 | 1330.2 | 1301.4 | 1278.0 | 1279.4 |
| 15°    | 1442.9 | 1418.2 | 1408.6 | 1372.8 | 1337.1 | 1305.5 | 1265.6 | 1234.0 | 1210.7 | 1195.6 | 1176.3 |
| 17.5°  | 1392.1 | 1367.3 | 1349.5 | 1319.2 | 1272.5 | 1223.0 | 1184.6 | 1142.0 | 1118.6 | 1092.5 | 1080.1 |
| 20°    | 1335.7 | 1315.1 | 1301.4 | 1253.3 | 1196.9 | 1137.8 | 1095.2 | 1069.1 | 1043.0 | 1023.8 | 1012.8 |
| 22.5°  | 1287.6 | 1261.5 | 1245.0 | 1180.4 | 1118.6 | 1059.5 | 1026.5 | 1004.5 | 982.6  | 966.1  | 960.6  |
| 25°    | 1225.8 | 1210.7 | 1170.8 | 1114.5 | 1038.9 | 999.0  | 970.2  | 941.3  | 929.0  | 918.0  | 905.6  |
| 27.5°  | 1174.9 | 1137.8 | 1110.4 | 1036.1 | 989.4  | 944.1  | 915.2  | 893.2  | 878.1  | 867.1  | 857.5  |
| 30°    | 1111.7 | 1077.4 | 1038.9 | 977.1  | 934.5  | 891.9  | 865.7  | 847.9  | 831.4  | 824.5  | 816.3  |
| 32.5°  | 1045.8 | 1014.2 | 977.1  | 927.6  | 875.4  | 842.4  | 821.8  | 802.5  | 791.5  | 784.7  | 775.0  |
| 35°    | 986.7  | 946.8  | 922.1  | 875.4  | 832.8  | 795.7  | 776.4  | 759.9  | 747.6  | 744.8  | 743.4  |
| 37.5°  | 923.5  | 893.2  | 869.9  | 821.8  | 786.0  | 754.4  | 736.6  | 718.7  | 711.8  | 710.5  | 705.0  |
| 40°    | 868.5  | 842.4  | 820.4  | 775.0  | 736.6  | 707.7  | 694.0  | 683.0  | 676.1  | 676.1  | 674.7  |
| 42.5°  | 820.4  | 792.9  | 770.9  | 729.7  | 695.3  | 669.2  | 654.1  | 643.1  | 640.4  | 641.8  | 640.4  |
| 45°    | 766.8  | 743.4  | 721.5  | 678.9  | 650.0  | 630.8  | 614.3  | 608.8  | 604.6  | 606.0  | 607.4  |
| 47.5°  | 716.0  | 696.7  | 674.7  | 640.4  | 607.4  | 586.8  | 577.2  | 571.7  | 571.7  | 571.7  | 574.4  |
| 50°    | 670.6  | 648.6  | 629.4  | 593.7  | 563.4  | 546.9  | 538.7  | 531.8  | 533.2  | 534.6  | 535.9  |
| 52.5°  | 617.0  | 597.8  | 584.0  | 548.3  | 526.3  | 505.7  | 496.1  | 497.5  | 496.1  | 496.1  | 498.8  |
| 55°    | 570.3  | 551.1  | 537.3  | 504.3  | 482.3  | 468.6  | 460.4  | 456.2  | 457.6  | 454.9  | 460.4  |
| 57.5°  | 518.1  | 501.6  | 492.0  | 460.4  | 441.1  | 428.7  | 421.9  | 415.0  | 417.8  | 416.4  | 415.0  |
| 60°    | 472.7  | 453.5  | 438.4  | 416.4  | 399.9  | 384.8  | 380.7  | 373.8  | 376.5  | 373.8  | 372.4  |
| 62.5°  | 420.5  | 405.4  | 394.4  | 372.4  | 358.7  | 346.3  | 336.7  | 332.6  | 331.2  | 327.1  | 322.9  |
| 65°    | 368.3  | 360.0  | 349.0  | 327.1  | 313.3  | 303.7  | 298.2  | 294.1  | 292.7  | 281.7  | 269.3  |
| 67.5°  | 320.2  | 314.7  | 303.7  | 287.2  | 274.8  | 265.2  | 257.0  | 250.1  | 241.9  | 233.6  | 226.7  |
| 70°    | 274.8  | 266.6  | 259.7  | 244.6  | 233.6  | 224.0  | 215.7  | 207.5  | 203.4  | 195.1  | 192.4  |
| 72.5°  | 230.9  | 222.6  | 215.7  | 202.0  | 192.4  | 182.8  | 180.0  | 170.4  | 166.3  | 164.9  | 164.9  |
| 75°    | 185.5  | 178.6  | 174.5  | 162.2  | 153.9  | 147.0  | 142.9  | 140.2  | 137.4  | 134.7  | 130.5  |
| 77.5°  | 141.5  | 137.4  | 134.7  | 126.4  | 119.6  | 115.4  | 114.1  | 104.4  | 101.7  | 98.9   | 96.2   |
| 80°    | 103.1  | 101.7  | 98.9   | 92.1   | 89.3   | 79.7   | 79.7   | 77.0   | 75.6   | 75.6   | 75.6   |
| 82.5°  | 70.1   | 67.3   | 66.0   | 59.1   | 57.7   | 56.3   | 55.0   | 53.6   | 55.0   | 53.6   | 55.0   |
| 85°    | 37.1   | 35.7   | 34.4   | 34.4   | 34.4   | 34.4   | 34.4   | 34.4   | 34.4   | 33.0   | 34.4   |
| 87.5°  | 13.7   | 13.7   | 13.7   | 13.7   | 12.4   | 13.7   | 13.7   | 12.4   | 13.7   | 13.7   | 13.7   |
| 90°    | 9.8    | 10.7   | 11.4   | 12.7   | 14.1   | 15.4   | 16.8   | 17.8   | 18.8   | 19.9   | 20.9   |
| 92.5°  | 10.1   | 9.9    | 10.6   | 11.9   | 13.3   | 14.6   | 16.0   | 17.0   | 18.0   | 19.1   | 20.1   |
| 95°    | 18.9   | 16.0   | 16.1   | 16.3   | 16.4   | 16.6   | 16.8   | 17.8   | 18.8   | 19.9   | 20.9   |
| 97.5°  | 95.1   | 97.0   | 88.1   | 70.3   | 52.4   | 34.6   | 16.8   | 17.6   | 18.5   | 19.3   | 20.2   |
| 100°   | 137.5  | 139.0  | 127.3  | 103.9  | 80.4   | 57.0   | 33.6   | 30.7   | 27.8   | 24.9   | 22.0   |
| 102.5° | 183.8  | 184.8  | 185.8  | 187.8  | 189.9  | 191.9  | 193.9  | 155.7  | 117.5  | 79.4   | 41.2   |
| 105°   | 233.9  | 234.4  | 234.8  | 235.7  | 236.5  | 237.4  | 238.2  | 239.7  | 241.3  | 242.8  | 244.3  |
| 107.5° | 281.5  | 281.7  | 282.3  | 283.5  | 284.7  | 285.9  | 287.1  | 287.9  | 288.8  | 289.6  | 290.5  |
| 110°   | 331.9  | 332.1  | 332.6  | 333.6  | 334.7  | 335.7  | 336.7  | 337.0  | 337.4  | 337.7  | 338.0  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 382.8  | 383.3  | 383.5  | 383.8  | 384.1  | 384.5  | 384.8  | 384.6  | 384.5  | 384.3  | 384.2  |
| 115°   | 431.1  | 431.4  | 431.3  | 431.1  | 431.0  | 430.8  | 430.6  | 431.0  | 431.3  | 431.7  | 432.0  |
| 117.5° | 476.9  | 477.2  | 477.5  | 478.0  | 478.5  | 479.0  | 479.5  | 479.3  | 479.1  | 479.0  | 478.8  |
| 120°   | 522.7  | 523.0  | 522.9  | 522.8  | 522.6  | 522.5  | 522.3  | 522.6  | 523.0  | 523.3  | 523.6  |
| 122.5° | 564.1  | 564.3  | 564.5  | 564.8  | 565.1  | 565.5  | 565.8  | 566.0  | 566.1  | 566.3  | 566.4  |
| 125°   | 606.0  | 606.3  | 606.1  | 605.8  | 605.4  | 605.1  | 604.7  | 605.2  | 605.7  | 606.2  | 606.7  |
| 127.5° | 642.8  | 642.9  | 643.3  | 644.2  | 645.0  | 645.9  | 646.7  | 646.5  | 646.4  | 646.2  | 646.1  |
| 130°   | 680.2  | 680.3  | 680.6  | 681.1  | 681.6  | 682.1  | 682.6  | 682.8  | 683.0  | 683.1  | 683.3  |
| 132.5° | 715.2  | 715.4  | 715.7  | 716.4  | 717.1  | 717.8  | 718.5  | 718.7  | 718.9  | 719.0  | 719.2  |
| 135°   | 747.6  | 747.5  | 747.8  | 748.5  | 749.2  | 749.9  | 750.6  | 750.9  | 751.3  | 751.6  | 751.9  |
| 137.5° | 778.8  | 778.8  | 779.2  | 780.1  | 780.9  | 781.8  | 782.6  | 783.0  | 783.3  | 783.7  | 784.0  |
| 140°   | 809.9  | 810.1  | 810.3  | 810.6  | 810.9  | 811.3  | 811.6  | 812.1  | 812.6  | 813.1  | 813.6  |
| 142.5° | 838.1  | 838.4  | 838.5  | 838.6  | 838.8  | 838.9  | 839.1  | 839.5  | 839.8  | 840.2  | 840.5  |
| 145°   | 864.8  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  | 865.3  | 865.5  | 865.6  | 865.8  |
| 147.5° | 888.3  | 888.8  | 888.7  | 888.5  | 888.4  | 888.2  | 888.0  | 888.2  | 888.4  | 888.5  | 888.7  |
| 150°   | 910.6  | 910.9  | 910.8  | 910.6  | 910.5  | 910.3  | 910.1  | 910.1  | 910.1  | 910.1  | 910.1  |
| 152.5° | 929.7  | 930.0  | 929.8  | 929.5  | 929.2  | 928.8  | 928.5  | 928.8  | 929.2  | 929.5  | 929.8  |
| 155°   | 946.7  | 946.8  | 946.5  | 946.0  | 945.5  | 945.0  | 944.5  | 945.2  | 945.9  | 946.6  | 947.3  |
| 157.5° | 962.1  | 962.1  | 961.8  | 961.1  | 960.4  | 959.7  | 959.0  | 959.8  | 960.7  | 961.5  | 962.4  |
| 160°   | 973.8  | 973.5  | 973.4  | 973.3  | 973.1  | 973.0  | 972.8  | 973.8  | 974.8  | 975.8  | 976.8  |
| 162.5° | 985.3  | 985.0  | 984.9  | 984.7  | 984.6  | 984.4  | 984.2  | 985.2  | 986.2  | 987.3  | 988.3  |
| 165°   | 994.5  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  | 995.5  | 996.8  | 998.2  | 999.5  |
| 167.5° | 1002.9 | 1002.5 | 1002.4 | 1002.3 | 1002.1 | 1002.0 | 1001.8 | 1003.3 | 1004.8 | 1006.3 | 1007.8 |
| 170°   | 1009.1 | 1008.6 | 1008.7 | 1008.9 | 1009.0 | 1009.2 | 1009.4 | 1010.8 | 1012.1 | 1013.5 | 1014.8 |
| 172.5° | 1013.7 | 1013.2 | 1013.3 | 1013.5 | 1013.6 | 1013.8 | 1014.0 | 1015.4 | 1016.7 | 1018.1 | 1019.4 |
| 175°   | 1016.8 | 1016.3 | 1016.4 | 1016.5 | 1016.7 | 1016.8 | 1017.0 | 1018.5 | 1020.1 | 1021.6 | 1023.1 |
| 177.5° | 1018.4 | 1017.8 | 1018.0 | 1018.3 | 1018.6 | 1019.0 | 1019.3 | 1020.7 | 1022.0 | 1023.4 | 1024.7 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1611.9 | 1617.4 | 1610.6 | 1614.7 | 1605.1 | 1603.7 | 1605.1 | 1605.1 | 1606.4 | 1607.8 | 1609.2 |
| 5°     | 1521.2 | 1519.9 | 1511.6 | 1506.1 | 1502.0 | 1506.1 | 1508.9 | 1511.6 | 1508.9 | 1511.6 | 1513.0 |
| 7.5°   | 1436.0 | 1431.9 | 1427.8 | 1418.2 | 1420.9 | 1418.2 | 1426.4 | 1422.3 | 1422.3 | 1429.2 | 1434.7 |
| 10°    | 1360.5 | 1352.2 | 1349.5 | 1338.5 | 1330.2 | 1328.8 | 1338.5 | 1342.6 | 1346.7 | 1349.5 | 1360.5 |
| 12.5°  | 1262.9 | 1250.5 | 1240.9 | 1245.0 | 1221.7 | 1231.3 | 1234.0 | 1228.5 | 1245.0 | 1264.3 | 1253.3 |
| 15°    | 1158.4 | 1159.8 | 1140.6 | 1133.7 | 1114.5 | 1120.0 | 1121.3 | 1135.1 | 1148.8 | 1147.5 | 1163.9 |
| 17.5°  | 1081.5 | 1073.2 | 1056.8 | 1055.4 | 1047.1 | 1051.3 | 1049.9 | 1060.9 | 1056.8 | 1063.6 | 1077.4 |
| 20°    | 1010.0 | 1004.5 | 990.8  | 985.3  | 988.0  | 985.3  | 986.7  | 988.0  | 992.2  | 1007.3 | 1004.5 |
| 22.5°  | 953.7  | 946.8  | 946.8  | 940.0  | 931.7  | 929.0  | 935.8  | 940.0  | 945.4  | 948.2  | 955.1  |
| 25°    | 904.2  | 898.7  | 891.9  | 887.7  | 880.9  | 882.2  | 886.4  | 891.9  | 896.0  | 901.5  | 907.0  |
| 27.5°  | 853.4  | 853.4  | 846.5  | 845.1  | 842.4  | 841.0  | 846.5  | 849.3  | 849.3  | 853.4  | 858.9  |
| 30°    | 813.5  | 813.5  | 806.7  | 805.3  | 803.9  | 803.9  | 808.0  | 809.4  | 810.8  | 814.9  | 817.6  |
| 32.5°  | 775.0  | 773.7  | 770.9  | 772.3  | 770.9  | 772.3  | 772.3  | 773.7  | 776.4  | 777.8  | 783.3  |
| 35°    | 739.3  | 740.7  | 737.9  | 737.9  | 736.6  | 737.9  | 740.7  | 742.1  | 743.4  | 746.2  | 746.2  |
| 37.5°  | 705.0  | 707.7  | 706.3  | 710.5  | 710.5  | 710.5  | 710.5  | 713.2  | 713.2  | 713.2  | 711.8  |
| 40°    | 674.7  | 674.7  | 673.4  | 676.1  | 678.9  | 678.9  | 680.2  | 680.2  | 681.6  | 681.6  | 680.2  |
| 42.5°  | 640.4  | 643.1  | 647.2  | 648.6  | 651.4  | 650.0  | 654.1  | 652.7  | 654.1  | 651.4  | 648.6  |
| 45°    | 608.8  | 608.8  | 614.3  | 619.8  | 621.1  | 621.1  | 621.1  | 623.9  | 621.1  | 617.0  | 615.6  |
| 47.5°  | 574.4  | 577.2  | 579.9  | 586.8  | 588.2  | 588.2  | 588.2  | 588.2  | 585.4  | 585.4  | 585.4  |
| 50°    | 540.1  | 541.4  | 542.8  | 545.6  | 549.7  | 548.3  | 548.3  | 548.3  | 553.8  | 548.3  | 549.7  |
| 52.5°  | 498.8  | 500.2  | 501.6  | 507.1  | 505.7  | 505.7  | 507.1  | 507.1  | 511.2  | 509.8  | 507.1  |
| 55°    | 457.6  | 457.6  | 460.4  | 460.4  | 460.4  | 463.1  | 464.5  | 467.2  | 465.9  | 467.2  | 468.6  |
| 57.5°  | 416.4  | 413.6  | 412.3  | 412.3  | 416.4  | 415.0  | 416.4  | 416.4  | 421.9  | 424.6  | 426.0  |
| 60°    | 368.3  | 368.3  | 366.9  | 358.7  | 358.7  | 357.3  | 361.4  | 364.2  | 366.9  | 379.3  | 377.9  |
| 62.5°  | 318.8  | 313.3  | 307.8  | 309.2  | 300.9  | 305.1  | 302.3  | 305.1  | 313.3  | 322.9  | 324.3  |
| 65°    | 269.3  | 265.2  | 259.7  | 258.3  | 255.6  | 259.7  | 258.3  | 259.7  | 263.8  | 269.3  | 276.2  |
| 67.5°  | 225.4  | 224.0  | 221.2  | 219.9  | 219.9  | 219.9  | 222.6  | 222.6  | 224.0  | 228.1  | 232.2  |
| 70°    | 192.4  | 191.0  | 192.4  | 189.6  | 191.0  | 189.6  | 191.0  | 192.4  | 193.8  | 195.1  | 199.3  |
| 72.5°  | 162.2  | 162.2  | 162.2  | 159.4  | 162.2  | 160.8  | 160.8  | 162.2  | 163.5  | 164.9  | 167.7  |
| 75°    | 129.2  | 126.4  | 123.7  | 120.9  | 119.6  | 122.3  | 123.7  | 122.3  | 126.4  | 131.9  | 131.9  |
| 77.5°  | 97.6   | 96.2   | 96.2   | 96.2   | 97.6   | 96.2   | 98.9   | 97.6   | 98.9   | 98.9   | 101.7  |
| 80°    | 75.6   | 74.2   | 75.6   | 75.6   | 74.2   | 77.0   | 75.6   | 75.6   | 77.0   | 78.3   | 77.0   |
| 82.5°  | 55.0   | 56.3   | 55.0   | 55.0   | 55.0   | 57.7   | 55.0   | 55.0   | 55.0   | 56.3   | 56.3   |
| 85°    | 34.4   | 34.4   | 34.4   | 34.4   | 35.7   | 34.4   | 35.7   | 34.4   | 37.1   | 35.7   | 35.7   |
| 87.5°  | 12.4   | 13.7   | 15.1   | 15.1   | 15.1   | 15.1   | 13.7   | 15.1   | 16.5   | 15.1   | 16.5   |
| 90°    | 21.4   | 21.6   | 21.9   | 22.2   | 22.6   | 22.9   | 22.6   | 22.2   | 21.9   | 21.6   | 21.4   |
| 92.5°  | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 95°    | 21.4   | 21.5   | 21.6   | 21.8   | 21.9   | 22.1   | 21.9   | 21.8   | 21.6   | 21.5   | 21.4   |
| 97.5°  | 20.6   | 20.7   | 20.9   | 21.0   | 21.2   | 21.4   | 21.2   | 21.0   | 20.9   | 20.7   | 20.6   |
| 100°   | 20.6   | 20.7   | 20.9   | 21.0   | 21.2   | 21.4   | 21.2   | 21.0   | 20.9   | 20.7   | 20.6   |
| 102.5° | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   |
| 105°   | 245.1  | 242.0  | 235.9  | 229.8  | 223.7  | 217.6  | 223.7  | 229.8  | 235.9  | 242.0  | 245.1  |
| 107.5° | 290.9  | 291.2  | 291.9  | 292.6  | 293.3  | 294.0  | 293.3  | 292.6  | 291.9  | 291.2  | 290.9  |
| 110°   | 338.2  | 338.5  | 339.0  | 339.5  | 340.0  | 340.5  | 340.0  | 339.5  | 339.0  | 338.5  | 338.2  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.1  | 384.4  | 385.1  | 385.8  | 386.4  | 387.1  | 386.4  | 385.8  | 385.1  | 384.4  | 384.1  |
| 115°   | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  | 432.2  |
| 117.5° | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  | 478.7  |
| 120°   | 523.8  | 523.6  | 523.3  | 523.0  | 522.6  | 522.3  | 522.6  | 523.0  | 523.3  | 523.6  | 523.8  |
| 122.5° | 566.5  | 566.3  | 566.0  | 565.7  | 565.3  | 565.0  | 565.3  | 565.7  | 566.0  | 566.3  | 566.5  |
| 125°   | 607.0  | 607.1  | 607.3  | 607.4  | 607.6  | 607.8  | 607.6  | 607.4  | 607.3  | 607.1  | 607.0  |
| 127.5° | 646.0  | 645.9  | 645.7  | 645.6  | 645.4  | 645.2  | 645.4  | 645.6  | 645.7  | 645.9  | 646.0  |
| 130°   | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  | 683.4  |
| 132.5° | 719.3  | 719.2  | 719.0  | 718.9  | 718.7  | 718.5  | 718.7  | 718.9  | 719.0  | 719.2  | 719.3  |
| 135°   | 752.1  | 752.3  | 752.6  | 752.9  | 753.3  | 753.6  | 753.3  | 752.9  | 752.6  | 752.3  | 752.1  |
| 137.5° | 784.2  | 784.1  | 783.9  | 783.8  | 783.6  | 783.4  | 783.6  | 783.8  | 783.9  | 784.1  | 784.2  |
| 140°   | 813.9  | 814.0  | 814.2  | 814.3  | 814.5  | 814.7  | 814.5  | 814.3  | 814.2  | 814.0  | 813.9  |
| 142.5° | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  | 840.7  |
| 145°   | 865.9  | 866.1  | 866.4  | 866.7  | 867.1  | 867.4  | 867.1  | 866.7  | 866.4  | 866.1  | 865.9  |
| 147.5° | 888.8  | 888.9  | 889.0  | 889.2  | 889.3  | 889.5  | 889.3  | 889.2  | 889.0  | 888.9  | 888.8  |
| 150°   | 910.1  | 910.2  | 910.4  | 910.5  | 910.7  | 910.9  | 910.7  | 910.5  | 910.4  | 910.2  | 910.1  |
| 152.5° | 930.0  | 929.9  | 929.7  | 929.6  | 929.4  | 929.2  | 929.4  | 929.6  | 929.7  | 929.9  | 930.0  |
| 155°   | 947.6  | 947.3  | 946.8  | 946.3  | 945.8  | 945.3  | 945.8  | 946.3  | 946.8  | 947.3  | 947.6  |
| 157.5° | 962.8  | 962.4  | 961.5  | 960.7  | 959.8  | 959.0  | 959.8  | 960.7  | 961.5  | 962.4  | 962.8  |
| 160°   | 977.3  | 976.8  | 975.8  | 974.8  | 973.8  | 972.8  | 973.8  | 974.8  | 975.8  | 976.8  | 977.3  |
| 162.5° | 988.8  | 988.2  | 987.0  | 985.8  | 984.6  | 983.4  | 984.6  | 985.8  | 987.0  | 988.2  | 988.8  |
| 165°   | 1000.2 | 999.4  | 997.9  | 996.4  | 994.9  | 993.4  | 994.9  | 996.4  | 997.9  | 999.4  | 1000.2 |
| 167.5° | 1008.6 | 1007.8 | 1006.1 | 1004.4 | 1002.7 | 1001.0 | 1002.7 | 1004.4 | 1006.1 | 1007.8 | 1008.6 |
| 170°   | 1015.5 | 1014.7 | 1013.0 | 1011.3 | 1009.6 | 1007.9 | 1009.6 | 1011.3 | 1013.0 | 1014.7 | 1015.5 |
| 172.5° | 1020.1 | 1019.2 | 1017.3 | 1015.4 | 1013.6 | 1011.7 | 1013.6 | 1015.4 | 1017.3 | 1019.2 | 1020.1 |
| 175°   | 1023.9 | 1022.9 | 1020.8 | 1018.8 | 1016.7 | 1014.7 | 1016.7 | 1018.8 | 1020.8 | 1022.9 | 1023.9 |
| 177.5° | 1025.4 | 1024.4 | 1022.4 | 1020.3 | 1018.3 | 1016.3 | 1018.3 | 1020.3 | 1022.4 | 1024.4 | 1025.4 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1614.7 | 1621.6 | 1618.8 | 1609.2 | 1613.3 | 1621.6 | 1629.8 | 1640.8 | 1647.7 | 1653.2 | 1655.9 |
| 5°     | 1519.9 | 1532.2 | 1529.5 | 1529.5 | 1535.0 | 1548.7 | 1562.5 | 1585.8 | 1594.1 | 1603.7 | 1617.4 |
| 7.5°   | 1436.0 | 1445.7 | 1453.9 | 1456.6 | 1464.9 | 1482.8 | 1500.6 | 1526.7 | 1547.3 | 1558.3 | 1566.6 |
| 10°    | 1361.8 | 1368.7 | 1381.1 | 1387.9 | 1396.2 | 1418.2 | 1444.3 | 1471.8 | 1492.4 | 1511.6 | 1522.6 |
| 12.5°  | 1267.0 | 1294.5 | 1311.0 | 1322.0 | 1333.0 | 1366.0 | 1386.6 | 1416.8 | 1441.5 | 1459.4 | 1475.9 |
| 15°    | 1161.2 | 1194.2 | 1203.8 | 1246.4 | 1273.9 | 1300.0 | 1331.6 | 1367.3 | 1390.7 | 1411.3 | 1433.3 |
| 17.5°  | 1071.9 | 1095.2 | 1106.2 | 1151.6 | 1174.9 | 1216.2 | 1261.5 | 1306.9 | 1342.6 | 1357.7 | 1379.7 |
| 20°    | 1015.5 | 1027.9 | 1049.9 | 1065.0 | 1089.7 | 1137.8 | 1187.3 | 1242.3 | 1295.9 | 1311.0 | 1333.0 |
| 22.5°  | 957.8  | 974.3  | 989.4  | 1010.0 | 1029.3 | 1062.3 | 1111.7 | 1172.2 | 1229.9 | 1257.4 | 1283.5 |
| 25°    | 905.6  | 922.1  | 931.7  | 953.7  | 971.6  | 1004.5 | 1038.9 | 1100.7 | 1169.4 | 1192.8 | 1234.0 |
| 27.5°  | 864.4  | 874.0  | 890.5  | 900.1  | 920.7  | 950.9  | 982.6  | 1029.3 | 1096.6 | 1136.5 | 1176.3 |
| 30°    | 823.1  | 830.0  | 843.8  | 857.5  | 872.6  | 893.2  | 929.0  | 974.3  | 1036.1 | 1070.5 | 1110.4 |
| 32.5°  | 781.9  | 792.9  | 801.2  | 810.8  | 827.3  | 852.0  | 876.7  | 920.7  | 970.2  | 1008.7 | 1048.5 |
| 35°    | 747.6  | 751.7  | 762.7  | 773.7  | 784.7  | 806.7  | 832.8  | 875.4  | 919.3  | 949.6  | 985.3  |
| 37.5°  | 710.5  | 717.3  | 725.6  | 729.7  | 747.6  | 761.3  | 788.8  | 821.8  | 874.0  | 893.2  | 929.0  |
| 40°    | 681.6  | 680.2  | 688.5  | 695.3  | 703.6  | 725.6  | 742.1  | 777.8  | 819.0  | 849.3  | 871.2  |
| 42.5°  | 645.9  | 645.9  | 648.6  | 656.9  | 667.9  | 681.6  | 700.8  | 731.1  | 773.7  | 795.7  | 821.8  |
| 45°    | 617.0  | 612.9  | 614.3  | 619.8  | 626.6  | 640.4  | 659.6  | 685.7  | 728.3  | 746.2  | 773.7  |
| 47.5°  | 582.7  | 578.5  | 578.5  | 584.0  | 589.5  | 599.2  | 614.3  | 644.5  | 678.9  | 702.2  | 722.8  |
| 50°    | 544.2  | 545.6  | 544.2  | 548.3  | 551.1  | 560.7  | 577.2  | 601.9  | 633.5  | 652.7  | 676.1  |
| 52.5°  | 508.5  | 505.7  | 504.3  | 507.1  | 512.6  | 519.4  | 537.3  | 559.3  | 589.5  | 608.8  | 629.4  |
| 55°    | 464.5  | 467.2  | 467.2  | 467.2  | 475.5  | 478.2  | 492.0  | 514.0  | 544.2  | 559.3  | 578.5  |
| 57.5°  | 424.6  | 423.3  | 426.0  | 424.6  | 431.5  | 441.1  | 452.1  | 468.6  | 498.8  | 514.0  | 531.8  |
| 60°    | 380.7  | 382.0  | 383.4  | 383.4  | 388.9  | 398.5  | 410.9  | 426.0  | 450.7  | 465.9  | 482.3  |
| 62.5°  | 327.1  | 333.9  | 340.8  | 343.5  | 351.8  | 358.7  | 366.9  | 383.4  | 405.4  | 416.4  | 431.5  |
| 65°    | 276.2  | 285.8  | 295.5  | 302.3  | 307.8  | 314.7  | 325.7  | 340.8  | 358.7  | 369.7  | 384.8  |
| 67.5°  | 232.2  | 239.1  | 251.5  | 258.3  | 269.3  | 277.6  | 284.5  | 296.8  | 318.8  | 322.9  | 335.3  |
| 70°    | 200.6  | 203.4  | 208.9  | 214.4  | 226.7  | 233.6  | 241.9  | 254.2  | 270.7  | 280.3  | 287.2  |
| 72.5°  | 169.0  | 170.4  | 173.1  | 178.6  | 184.1  | 192.4  | 202.0  | 213.0  | 228.1  | 232.2  | 241.9  |
| 75°    | 134.7  | 142.9  | 142.9  | 147.0  | 151.2  | 155.3  | 163.5  | 174.5  | 184.1  | 191.0  | 196.5  |
| 77.5°  | 100.3  | 104.4  | 107.2  | 114.1  | 119.6  | 123.7  | 129.2  | 137.4  | 142.9  | 148.4  | 152.5  |
| 80°    | 78.3   | 79.7   | 81.1   | 81.1   | 83.8   | 89.3   | 94.8   | 100.3  | 107.2  | 109.9  | 114.1  |
| 82.5°  | 57.7   | 57.7   | 57.7   | 60.5   | 61.8   | 63.2   | 63.2   | 66.0   | 72.8   | 75.6   | 79.7   |
| 85°    | 37.1   | 37.1   | 37.1   | 37.1   | 38.5   | 39.9   | 41.2   | 42.6   | 42.6   | 42.6   | 45.3   |
| 87.5°  | 15.1   | 17.9   | 16.5   | 17.9   | 17.9   | 17.9   | 17.9   | 19.2   | 19.2   | 20.6   | 20.6   |
| 90°    | 20.9   | 19.9   | 18.8   | 17.8   | 16.8   | 15.4   | 14.1   | 12.7   | 11.4   | 10.7   | 9.8    |
| 92.5°  | 20.1   | 19.1   | 18.0   | 17.0   | 16.0   | 14.6   | 13.3   | 11.9   | 10.6   | 9.9    | 10.1   |
| 95°    | 20.9   | 19.9   | 18.8   | 17.8   | 16.8   | 16.6   | 16.4   | 16.3   | 16.1   | 16.0   | 18.9   |
| 97.5°  | 20.2   | 19.3   | 18.5   | 17.6   | 16.8   | 34.6   | 52.4   | 70.3   | 88.1   | 97.0   | 95.1   |
| 100°   | 22.0   | 24.9   | 27.8   | 30.7   | 33.6   | 57.0   | 80.4   | 103.9  | 127.3  | 139.0  | 137.5  |
| 102.5° | 41.2   | 79.4   | 117.5  | 155.7  | 193.9  | 191.9  | 189.9  | 187.8  | 185.8  | 184.8  | 183.8  |
| 105°   | 244.3  | 242.8  | 241.3  | 239.7  | 238.2  | 237.4  | 236.5  | 235.7  | 234.8  | 234.4  | 233.9  |
| 107.5° | 290.5  | 289.6  | 288.8  | 287.9  | 287.1  | 285.9  | 284.7  | 283.5  | 282.3  | 281.7  | 281.5  |
| 110°   | 338.0  | 337.7  | 337.4  | 337.0  | 336.7  | 335.7  | 334.7  | 333.6  | 332.6  | 332.1  | 331.9  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.2  | 384.3  | 384.5  | 384.6  | 384.8  | 384.5  | 384.1  | 383.8  | 383.5  | 383.3  | 382.8  |
| 115°   | 432.0  | 431.7  | 431.3  | 431.0  | 430.6  | 430.8  | 431.0  | 431.1  | 431.3  | 431.4  | 431.1  |
| 117.5° | 478.8  | 479.0  | 479.1  | 479.3  | 479.5  | 479.0  | 478.5  | 478.0  | 477.5  | 477.2  | 476.9  |
| 120°   | 523.6  | 523.3  | 523.0  | 522.6  | 522.3  | 522.5  | 522.6  | 522.8  | 522.9  | 523.0  | 522.7  |
| 122.5° | 566.4  | 566.3  | 566.1  | 566.0  | 565.8  | 565.5  | 565.1  | 564.8  | 564.5  | 564.3  | 564.1  |
| 125°   | 606.7  | 606.2  | 605.7  | 605.2  | 604.7  | 605.1  | 605.4  | 605.8  | 606.1  | 606.3  | 606.0  |
| 127.5° | 646.1  | 646.2  | 646.4  | 646.5  | 646.7  | 645.9  | 645.0  | 644.2  | 643.3  | 642.9  | 642.8  |
| 130°   | 683.3  | 683.1  | 683.0  | 682.8  | 682.6  | 682.1  | 681.6  | 681.1  | 680.6  | 680.3  | 680.2  |
| 132.5° | 719.2  | 719.0  | 718.9  | 718.7  | 718.5  | 717.8  | 717.1  | 716.4  | 715.7  | 715.4  | 715.2  |
| 135°   | 751.9  | 751.6  | 751.3  | 750.9  | 750.6  | 749.9  | 749.2  | 748.5  | 747.8  | 747.5  | 747.6  |
| 137.5° | 784.0  | 783.7  | 783.3  | 783.0  | 782.6  | 781.8  | 780.9  | 780.1  | 779.2  | 778.8  | 778.8  |
| 140°   | 813.6  | 813.1  | 812.6  | 812.1  | 811.6  | 811.3  | 810.9  | 810.6  | 810.3  | 810.1  | 809.9  |
| 142.5° | 840.5  | 840.2  | 839.8  | 839.5  | 839.1  | 838.9  | 838.8  | 838.6  | 838.5  | 838.4  | 838.1  |
| 145°   | 865.8  | 865.6  | 865.5  | 865.3  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  | 865.1  | 864.8  |
| 147.5° | 888.7  | 888.5  | 888.4  | 888.2  | 888.0  | 888.2  | 888.4  | 888.5  | 888.7  | 888.8  | 888.3  |
| 150°   | 910.1  | 910.1  | 910.1  | 910.1  | 910.1  | 910.3  | 910.5  | 910.6  | 910.8  | 910.9  | 910.6  |
| 152.5° | 929.8  | 929.5  | 929.2  | 928.8  | 928.5  | 928.8  | 929.2  | 929.5  | 929.8  | 930.0  | 929.7  |
| 155°   | 947.3  | 946.6  | 945.9  | 945.2  | 944.5  | 945.0  | 945.5  | 946.0  | 946.5  | 946.8  | 946.7  |
| 157.5° | 962.4  | 961.5  | 960.7  | 959.8  | 959.0  | 959.7  | 960.4  | 961.1  | 961.8  | 962.1  | 962.1  |
| 160°   | 976.8  | 975.8  | 974.8  | 973.8  | 972.8  | 973.0  | 973.1  | 973.3  | 973.4  | 973.5  | 973.8  |
| 162.5° | 988.3  | 987.3  | 986.2  | 985.2  | 984.2  | 984.4  | 984.6  | 984.7  | 984.9  | 985.0  | 985.3  |
| 165°   | 999.5  | 998.2  | 996.8  | 995.5  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  | 994.1  | 994.5  |
| 167.5° | 1007.8 | 1006.3 | 1004.8 | 1003.3 | 1001.8 | 1002.0 | 1002.1 | 1002.3 | 1002.4 | 1002.5 | 1002.9 |
| 170°   | 1014.8 | 1013.5 | 1012.1 | 1010.8 | 1009.4 | 1009.2 | 1009.0 | 1008.9 | 1008.7 | 1008.6 | 1009.1 |
| 172.5° | 1019.4 | 1018.1 | 1016.7 | 1015.4 | 1014.0 | 1013.8 | 1013.6 | 1013.5 | 1013.3 | 1013.2 | 1013.7 |
| 175°   | 1023.1 | 1021.6 | 1020.1 | 1018.5 | 1017.0 | 1016.8 | 1016.7 | 1016.5 | 1016.4 | 1016.3 | 1016.8 |
| 177.5° | 1024.7 | 1023.4 | 1022.0 | 1020.7 | 1019.3 | 1019.0 | 1018.6 | 1018.3 | 1018.0 | 1017.8 | 1018.4 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1705.4 | 1705.4 | 1705.4 | 1705.4 |
| 2.5°   | 1666.9 | 1675.1 | 1688.9 | 1708.1 |
| 5°     | 1628.4 | 1651.8 | 1673.8 | 1702.6 |
| 7.5°   | 1594.1 | 1621.6 | 1651.8 | 1693.0 |
| 10°    | 1554.2 | 1588.6 | 1627.1 | 1677.9 |
| 12.5°  | 1507.5 | 1555.6 | 1599.6 | 1654.5 |
| 15°    | 1473.1 | 1508.9 | 1565.2 | 1629.8 |
| 17.5°  | 1425.0 | 1473.1 | 1529.5 | 1602.3 |
| 20°    | 1379.7 | 1430.5 | 1493.8 | 1569.3 |
| 22.5°  | 1331.6 | 1389.3 | 1452.5 | 1533.6 |
| 25°    | 1282.1 | 1344.0 | 1407.2 | 1493.8 |
| 27.5°  | 1236.8 | 1293.1 | 1364.6 | 1452.5 |
| 30°    | 1181.8 | 1246.4 | 1315.1 | 1407.2 |
| 32.5°  | 1128.2 | 1195.6 | 1265.6 | 1357.7 |
| 35°    | 1070.5 | 1137.8 | 1214.8 | 1302.7 |
| 37.5°  | 1014.2 | 1088.4 | 1158.4 | 1243.6 |
| 40°    | 952.3  | 1029.3 | 1102.1 | 1188.7 |
| 42.5°  | 891.9  | 971.6  | 1044.4 | 1118.6 |
| 45°    | 835.5  | 913.8  | 979.8  | 1049.9 |
| 47.5°  | 781.9  | 852.0  | 919.3  | 982.6  |
| 50°    | 729.7  | 788.8  | 850.6  | 902.8  |
| 52.5°  | 674.7  | 731.1  | 780.5  | 827.3  |
| 55°    | 625.3  | 669.2  | 713.2  | 755.8  |
| 57.5°  | 566.2  | 610.1  | 648.6  | 681.6  |
| 60°    | 516.7  | 544.2  | 581.3  | 615.6  |
| 62.5°  | 460.4  | 492.0  | 520.8  | 542.8  |
| 65°    | 405.4  | 432.9  | 454.9  | 474.1  |
| 67.5°  | 358.7  | 375.2  | 391.6  | 412.3  |
| 70°    | 302.3  | 316.1  | 335.3  | 350.4  |
| 72.5°  | 254.2  | 265.2  | 274.8  | 292.7  |
| 75°    | 206.1  | 215.7  | 221.2  | 237.7  |
| 77.5°  | 159.4  | 169.0  | 173.1  | 182.8  |
| 80°    | 122.3  | 123.7  | 129.2  | 137.4  |
| 82.5°  | 83.8   | 86.6   | 87.9   | 94.8   |
| 85°    | 48.1   | 55.0   | 53.6   | 56.3   |
| 87.5°  | 20.6   | 22.0   | 24.7   | 27.5   |
| 90°    | 7.9    | 6.0    | 4.2    | 2.3    |
| 92.5°  | 10.4   | 10.8   | 11.1   | 11.5   |
| 95°    | 24.7   | 30.4   | 36.2   | 42.0   |
| 97.5°  | 91.4   | 87.7   | 83.9   | 80.2   |
| 100°   | 134.4  | 131.3  | 128.3  | 125.2  |
| 102.5° | 181.7  | 179.7  | 177.6  | 175.6  |
| 105°   | 232.9  | 231.8  | 230.8  | 229.8  |
| 107.5° | 281.0  | 280.5  | 280.0  | 279.5  |
| 110°   | 331.4  | 330.9  | 330.4  | 329.9  |

TEST NUMBER: P1026055

CATALOG NUMBER: S124RDIP-B1020D810UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 381.8  | 380.7  | 379.7  | 378.7  |
| 115°   | 430.6  | 430.1  | 429.6  | 429.1  |
| 117.5° | 476.2  | 475.5  | 474.9  | 474.2  |
| 120°   | 522.0  | 521.3  | 520.7  | 520.0  |
| 122.5° | 563.8  | 563.4  | 563.1  | 562.7  |
| 125°   | 605.3  | 604.6  | 603.9  | 603.2  |
| 127.5° | 642.6  | 642.5  | 642.3  | 642.1  |
| 130°   | 680.1  | 679.9  | 679.8  | 679.6  |
| 132.5° | 714.9  | 714.6  | 714.2  | 713.9  |
| 135°   | 747.8  | 747.9  | 748.1  | 748.3  |
| 137.5° | 778.8  | 778.8  | 778.8  | 778.8  |
| 140°   | 809.6  | 809.3  | 808.9  | 808.6  |
| 142.5° | 837.4  | 836.7  | 836.0  | 835.3  |
| 145°   | 864.3  | 863.8  | 863.3  | 862.8  |
| 147.5° | 887.3  | 886.2  | 885.2  | 884.2  |
| 150°   | 909.9  | 909.2  | 908.6  | 907.9  |
| 152.5° | 929.2  | 928.7  | 928.2  | 927.7  |
| 155°   | 946.5  | 946.4  | 946.2  | 946.0  |
| 157.5° | 962.1  | 962.1  | 962.1  | 962.1  |
| 160°   | 974.3  | 974.8  | 975.3  | 975.8  |
| 162.5° | 986.0  | 986.7  | 987.3  | 988.0  |
| 165°   | 995.4  | 996.3  | 997.1  | 998.0  |
| 167.5° | 1003.8 | 1004.6 | 1005.5 | 1006.3 |
| 170°   | 1010.1 | 1011.2 | 1012.2 | 1013.2 |
| 172.5° | 1014.7 | 1015.8 | 1016.8 | 1017.8 |
| 175°   | 1017.8 | 1018.9 | 1019.9 | 1020.9 |
| 177.5° | 1019.6 | 1020.7 | 1021.9 | 1023.1 |
| 180°   | 1020.9 | 1020.9 | 1020.9 | 1020.9 |

(END OF REPORT)