

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: P1026099

Luminaire Tested: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1026099  
REPORT IS A COMBINATION OF REPORTS P999049 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4  
Description: Define 4 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

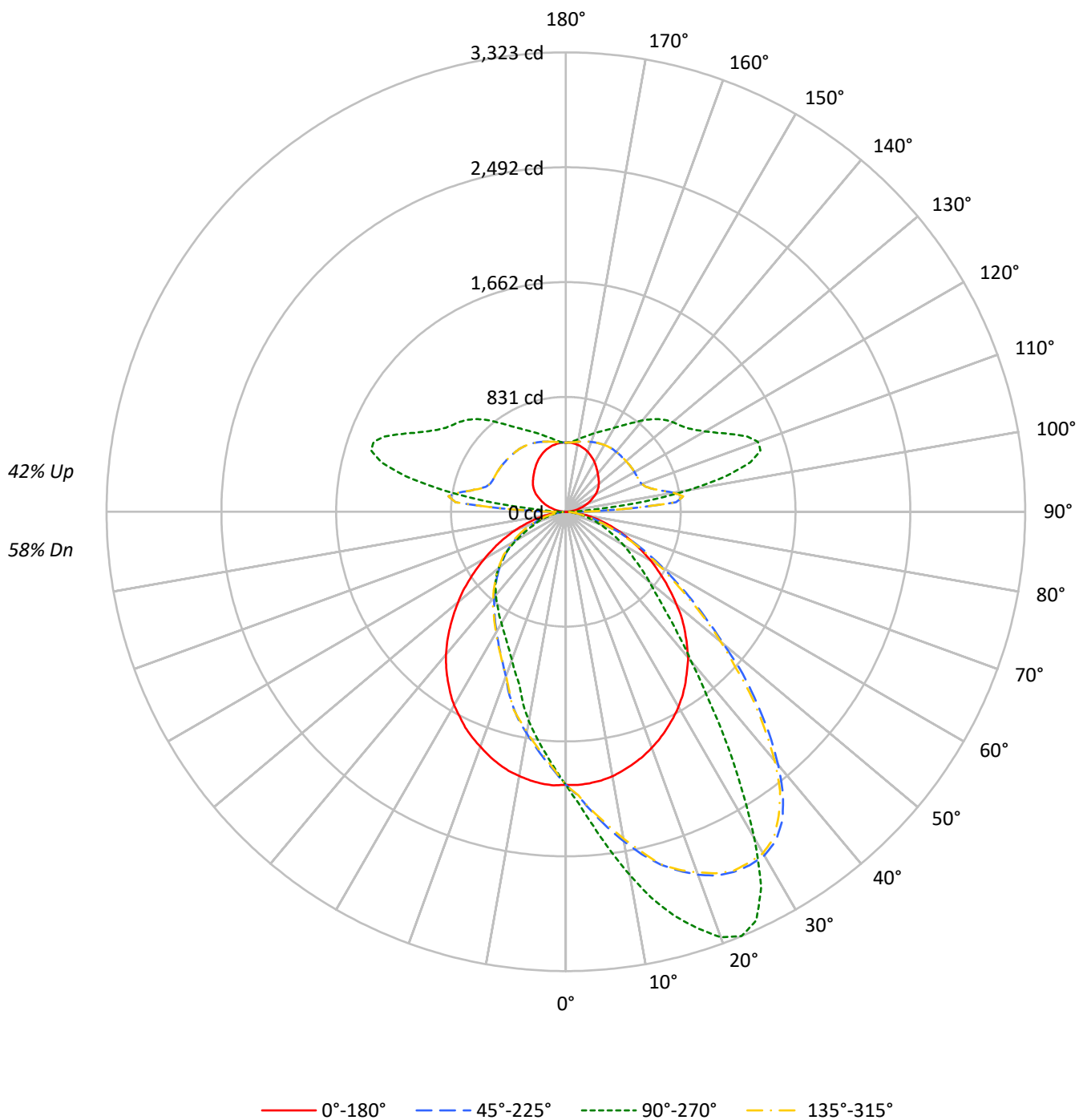
Lumens per Lamp: N/A  
Luminaire Lumens: 8637.0 lumens  
Efficiency: N/A  
Efficacy: 96.2 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 89.8  
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: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1026099

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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 | 55 |
| 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  | 54  | 46  | 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 | 25 | 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°  | 16103 | 16103 | 16103 | 16103 |
| 5°  | 16104 | 18196 | 16130 | 13907 |
| 10° | 16017 | 20976 | 16005 | 12095 |
| 15° | 15827 | 23607 | 15827 | 10126 |
| 20° | 15627 | 25595 | 15545 | 8917  |
| 25° | 15384 | 25704 | 15313 | 8054  |
| 30° | 15125 | 21857 | 15006 | 7460  |
| 35° | 14758 | 16492 | 14572 | 7017  |
| 40° | 14352 | 11952 | 14069 | 6672  |
| 45° | 13678 | 9084  | 13338 | 6366  |
| 50° | 12880 | 7342  | 12526 | 5917  |
| 55° | 12014 | 6079  | 11621 | 5322  |
| 60° | 11144 | 5140  | 10647 | 4425  |
| 65° | 10054 | 4187  | 9734  | 3518  |
| 70° | 9053  | 3396  | 8627  | 2857  |
| 75° | 7934  | 2447  | 7383  | 2094  |
| 80° | 6544  | 1622  | 5955  | 1539  |
| 85° | 4745  | 834   | 3937  | 834   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20160 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 191.2  | 2.2       |
| 10°-20°   | 577.5  | 6.7       |
| 20°-30°   | 904.5  | 10.5      |
| 30°-40°   | 1004.5 | 11.6      |
| 40°-50°   | 890.1  | 10.3      |
| 50°-60°   | 693.7  | 8.0       |
| 60°-70°   | 453.7  | 5.3       |
| 70°-80°   | 222.6  | 2.6       |
| 80°-90°   | 56.2   | 0.7       |
| 90°-100°  | 362.5  | 4.2       |
| 100°-110° | 756.8  | 8.8       |
| 110°-120° | 672.8  | 7.8       |
| 120°-130° | 566.3  | 6.6       |
| 130°-140° | 472.5  | 5.5       |
| 140°-150° | 360.7  | 4.2       |
| 150°-160° | 253.6  | 2.9       |
| 160°-170° | 149.2  | 1.7       |
| 170°-180° | 48.5   | 0.6       |
| 0°-30°    | 1673.2 | 19.4      |
| 0°-40°    | 2677.7 | 31.0      |
| 0°-60°    | 4261.4 | 49.3      |
| 0°-90°    | 4994.0 | 57.8      |
| 90°-120°  | 1792.2 | 20.7      |
| 90°-150°  | 3191.7 | 37.0      |
| 90°-180°  | 3643.0 | 42.2      |
| 0°-180°   | 8637.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1975 | 1975 | 1975 | 1975 | 1975 |      |
| 5°   | 1972 | 2282 | 1975 | 1744 | 1972 | 187  |
| 15°  | 1887 | 3023 | 1887 | 1297 | 1887 | 532  |
| 25°  | 1730 | 3260 | 1722 | 1022 | 1730 | 797  |
| 35°  | 1508 | 2008 | 1489 | 854  | 1508 | 943  |
| 45°  | 1216 | 1026 | 1186 | 719  | 1216 | 937  |
| 55°  | 875  | 613  | 847  | 536  | 875  | 783  |
| 65°  | 549  | 358  | 532  | 301  | 549  | 548  |
| 75°  | 275  | 166  | 256  | 142  | 275  | 292  |
| 85°  | 65   | 40   | 54   | 40   | 65   | 74   |
| 90°  | 1    | 21   | 1    | 21   | 1    | 7    |
| 95°  | 32   | 240  | 32   | 240  | 32   | 36   |
| 105° | 115  | 1383 | 115  | 1383 | 115  | 122  |
| 115° | 202  | 1328 | 202  | 1328 | 202  | 201  |
| 125° | 282  | 1059 | 282  | 1059 | 282  | 251  |
| 135° | 335  | 947  | 335  | 947  | 335  | 259  |
| 145° | 386  | 773  | 386  | 773  | 386  | 242  |
| 155° | 439  | 648  | 439  | 648  | 439  | 203  |
| 165° | 479  | 565  | 479  | 565  | 479  | 135  |
| 175° | 499  | 509  | 499  | 509  | 499  | 47   |
| 180° | 500  | 500  | 500  | 500  | 500  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 1978.0 | 1995.5 | 2005.0 | 2013.0 | 2028.9 | 2035.2 | 2048.0 | 2051.2 | 2063.9 | 2062.3 | 2057.5 |
| 5°     | 1971.6 | 2001.8 | 2024.1 | 2048.0 | 2076.6 | 2092.5 | 2110.0 | 2135.5 | 2148.2 | 2165.7 | 2176.9 |
| 7.5°   | 1960.5 | 2001.8 | 2038.4 | 2075.0 | 2121.2 | 2146.6 | 2168.9 | 2208.7 | 2242.1 | 2270.8 | 2302.6 |
| 10°    | 1942.9 | 1995.5 | 2049.6 | 2098.9 | 2162.5 | 2192.8 | 2226.2 | 2285.1 | 2331.2 | 2371.0 | 2421.9 |
| 12.5°  | 1915.9 | 1989.1 | 2049.6 | 2116.4 | 2197.6 | 2238.9 | 2283.5 | 2353.5 | 2407.6 | 2472.8 | 2536.5 |
| 15°    | 1887.3 | 1968.4 | 2048.0 | 2135.5 | 2227.8 | 2275.5 | 2320.1 | 2414.0 | 2496.7 | 2571.5 | 2641.5 |
| 17.5°  | 1855.4 | 1944.5 | 2032.1 | 2129.1 | 2240.5 | 2299.4 | 2351.9 | 2464.9 | 2555.6 | 2652.7 | 2722.7 |
| 20°    | 1817.2 | 1914.3 | 2014.6 | 2122.8 | 2248.5 | 2313.7 | 2372.6 | 2501.5 | 2601.7 | 2706.8 | 2794.3 |
| 22.5°  | 1775.9 | 1880.9 | 1990.7 | 2108.4 | 2238.9 | 2310.5 | 2379.0 | 2517.4 | 2633.6 | 2730.6 | 2848.4 |
| 25°    | 1729.7 | 1841.1 | 1954.1 | 2078.2 | 2224.6 | 2302.6 | 2372.6 | 2509.4 | 2633.6 | 2760.9 | 2875.4 |
| 27.5°  | 1682.0 | 1796.6 | 1914.3 | 2044.8 | 2194.4 | 2270.8 | 2350.3 | 2482.4 | 2627.2 | 2765.6 | 2881.8 |
| 30°    | 1629.5 | 1740.9 | 1865.0 | 1989.1 | 2148.2 | 2224.6 | 2305.8 | 2449.0 | 2606.5 | 2745.0 | 2870.7 |
| 32.5°  | 1572.2 | 1686.8 | 1804.5 | 1933.4 | 2089.3 | 2172.1 | 2246.9 | 2409.2 | 2569.9 | 2706.8 | 2824.5 |
| 35°    | 1508.5 | 1616.7 | 1728.1 | 1860.2 | 2014.6 | 2089.3 | 2178.5 | 2347.1 | 2509.4 | 2654.3 | 2730.6 |
| 37.5°  | 1440.1 | 1543.5 | 1647.0 | 1777.5 | 1925.4 | 2016.1 | 2103.7 | 2273.9 | 2445.8 | 2542.9 | 2582.6 |
| 40°    | 1376.5 | 1467.2 | 1557.9 | 1683.6 | 1833.2 | 1927.0 | 2016.1 | 2192.8 | 2344.0 | 2418.7 | 2388.5 |
| 42.5°  | 1295.3 | 1389.2 | 1470.3 | 1586.5 | 1737.7 | 1825.2 | 1915.9 | 2098.9 | 2221.4 | 2251.7 | 2176.9 |
| 45°    | 1215.7 | 1293.7 | 1371.7 | 1484.7 | 1643.8 | 1718.6 | 1815.6 | 1985.9 | 2087.8 | 2060.7 | 1950.9 |
| 47.5°  | 1137.8 | 1201.4 | 1274.6 | 1384.4 | 1527.6 | 1616.7 | 1707.4 | 1855.4 | 1927.0 | 1888.8 | 1736.1 |
| 50°    | 1045.5 | 1109.1 | 1185.5 | 1281.0 | 1419.4 | 1505.3 | 1577.0 | 1713.8 | 1767.9 | 1674.0 | 1489.4 |
| 52.5°  | 957.9  | 1013.6 | 1078.9 | 1168.0 | 1300.1 | 1378.0 | 1456.0 | 1573.8 | 1591.3 | 1483.1 | 1288.9 |
| 55°    | 875.2  | 919.8  | 988.2  | 1059.8 | 1180.7 | 1263.5 | 1317.6 | 1417.8 | 1413.1 | 1277.8 | 1110.7 |
| 57.5°  | 789.3  | 830.6  | 876.8  | 951.6  | 1066.2 | 1128.2 | 1187.1 | 1274.6 | 1228.5 | 1113.9 | 948.4  |
| 60°    | 712.9  | 736.8  | 782.9  | 854.5  | 951.6  | 1005.7 | 1051.8 | 1099.6 | 1059.8 | 935.7  | 808.4  |
| 62.5°  | 628.6  | 655.6  | 689.0  | 746.3  | 832.2  | 883.2  | 916.6  | 937.3  | 895.9  | 800.4  | 684.2  |
| 65°    | 549.0  | 572.9  | 607.9  | 658.8  | 724.0  | 762.2  | 779.7  | 794.0  | 771.8  | 663.6  | 571.3  |
| 67.5°  | 477.4  | 493.3  | 525.1  | 558.5  | 628.6  | 638.1  | 662.0  | 668.3  | 623.8  | 541.0  | 467.8  |
| 70°    | 405.8  | 421.7  | 436.0  | 475.8  | 507.6  | 525.1  | 529.9  | 529.9  | 485.3  | 431.2  | 370.8  |
| 72.5°  | 338.9  | 348.5  | 362.8  | 389.9  | 407.4  | 420.1  | 426.5  | 418.5  | 377.1  | 332.6  | 288.0  |
| 75°    | 275.3  | 280.1  | 292.8  | 310.3  | 324.6  | 319.8  | 318.3  | 308.7  | 278.5  | 246.6  | 221.2  |
| 77.5°  | 211.6  | 214.8  | 229.1  | 233.9  | 233.9  | 238.7  | 232.3  | 222.8  | 197.3  | 173.4  | 162.3  |
| 80°    | 159.1  | 163.9  | 165.5  | 168.7  | 165.5  | 165.5  | 160.7  | 144.8  | 132.1  | 120.9  | 113.0  |
| 82.5°  | 109.8  | 113.0  | 114.6  | 109.8  | 113.0  | 108.2  | 100.3  | 89.1   | 81.2   | 79.6   | 76.4   |
| 85°    | 65.2   | 66.8   | 65.2   | 65.2   | 60.5   | 58.9   | 52.5   | 50.9   | 47.7   | 47.7   | 46.1   |
| 87.5°  | 31.8   | 30.2   | 27.1   | 23.9   | 23.9   | 22.3   | 23.9   | 20.7   | 23.9   | 22.3   | 20.7   |
| 90°    | 1.0    | 2.9    | 5.9    | 6.9    | 7.9    | 7.9    | 7.9    | 13.8   | 13.8   | 15.7   | 17.7   |
| 92.5°  | 13.8   | 19.7   | 30.5   | 45.2   | 62.9   | 75.6   | 88.4   | 149.4  | 244.7  | 337.1  | 385.2  |
| 95°    | 32.4   | 35.4   | 45.2   | 58.0   | 81.6   | 102.2  | 122.8  | 208.3  | 369.5  | 604.4  | 800.9  |
| 97.5°  | 54.0   | 54.0   | 62.9   | 74.7   | 95.3   | 113.0  | 130.7  | 198.5  | 337.1  | 578.8  | 856.9  |
| 100°   | 74.7   | 74.7   | 81.6   | 93.4   | 112.0  | 127.8  | 143.5  | 201.5  | 312.5  | 513.0  | 790.1  |
| 102.5° | 94.3   | 96.3   | 102.2  | 113.0  | 130.7  | 145.4  | 160.2  | 211.3  | 305.6  | 468.7  | 706.6  |
| 105°   | 115.0  | 117.9  | 122.8  | 134.6  | 152.3  | 166.6  | 180.8  | 228.0  | 309.5  | 447.1  | 644.6  |
| 107.5° | 137.6  | 139.5  | 144.5  | 157.2  | 173.9  | 188.2  | 202.4  | 245.7  | 321.3  | 441.2  | 604.4  |
| 110°   | 160.2  | 162.1  | 167.1  | 178.9  | 196.5  | 209.8  | 223.1  | 266.3  | 335.1  | 443.2  | 585.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.8 | 183.8 | 189.7 | 200.5 | 218.2 | 231.4 | 244.7 | 286.0 | 349.8 | 449.1 | 576.8 |
| 115°   | 202.4 | 205.4 | 212.3 | 222.1 | 240.8 | 254.0 | 267.3 | 306.6 | 365.6 | 457.0 | 574.9 |
| 117.5° | 224.1 | 227.0 | 232.9 | 243.7 | 261.4 | 275.2 | 288.9 | 326.3 | 381.3 | 464.8 | 573.9 |
| 120°   | 245.7 | 247.6 | 254.5 | 265.3 | 282.0 | 295.8 | 309.5 | 346.9 | 398.0 | 473.7 | 573.9 |
| 122.5° | 265.3 | 267.3 | 274.2 | 284.0 | 302.7 | 316.0 | 329.2 | 366.5 | 413.7 | 482.5 | 572.9 |
| 125°   | 282.0 | 286.0 | 291.9 | 302.7 | 321.3 | 335.1 | 348.9 | 384.2 | 429.4 | 491.3 | 571.9 |
| 127.5° | 297.8 | 300.7 | 307.6 | 319.4 | 339.0 | 352.8 | 366.5 | 400.9 | 443.2 | 498.2 | 570.0 |
| 130°   | 310.5 | 314.5 | 322.3 | 337.1 | 355.7 | 370.0 | 384.2 | 417.6 | 456.0 | 506.1 | 569.0 |
| 132.5° | 323.3 | 326.3 | 337.1 | 350.8 | 371.5 | 384.8 | 398.0 | 431.4 | 468.7 | 513.0 | 568.0 |
| 135°   | 335.1 | 339.0 | 348.9 | 365.6 | 386.2 | 399.0 | 411.8 | 444.2 | 479.6 | 519.8 | 567.0 |
| 137.5° | 346.9 | 350.8 | 361.6 | 377.4 | 399.0 | 411.2 | 423.5 | 454.0 | 487.4 | 523.8 | 567.0 |
| 140°   | 359.7 | 362.6 | 373.4 | 390.1 | 410.8 | 422.6 | 434.4 | 463.8 | 495.3 | 528.7 | 566.0 |
| 142.5° | 373.4 | 376.4 | 386.2 | 401.9 | 421.6 | 432.9 | 444.2 | 472.7 | 501.2 | 532.6 | 566.0 |
| 145°   | 386.2 | 389.1 | 399.0 | 412.7 | 431.4 | 442.2 | 453.0 | 478.6 | 505.1 | 533.6 | 564.1 |
| 147.5° | 400.9 | 401.9 | 410.8 | 425.5 | 441.2 | 451.0 | 460.9 | 485.5 | 509.0 | 534.6 | 561.1 |
| 150°   | 414.7 | 415.7 | 423.5 | 435.3 | 450.1 | 459.4 | 468.7 | 490.4 | 512.0 | 534.6 | 558.2 |
| 152.5° | 427.5 | 427.5 | 435.3 | 446.1 | 458.9 | 467.2 | 475.6 | 494.3 | 514.0 | 532.6 | 553.3 |
| 155°   | 439.3 | 440.2 | 446.1 | 456.0 | 466.8 | 474.2 | 481.5 | 498.2 | 514.9 | 530.7 | 548.3 |
| 157.5° | 451.1 | 451.1 | 457.0 | 464.8 | 474.6 | 480.5 | 486.4 | 501.2 | 514.9 | 528.7 | 543.4 |
| 160°   | 461.9 | 461.9 | 465.8 | 472.7 | 480.5 | 485.9 | 491.3 | 503.1 | 514.9 | 525.7 | 537.5 |
| 162.5° | 471.7 | 470.7 | 473.7 | 479.6 | 486.4 | 490.4 | 494.3 | 505.1 | 514.9 | 522.8 | 531.6 |
| 165°   | 478.6 | 478.6 | 480.5 | 485.5 | 490.4 | 493.4 | 496.3 | 505.1 | 513.0 | 518.9 | 525.7 |
| 167.5° | 486.4 | 485.5 | 486.4 | 490.4 | 493.3 | 495.8 | 498.2 | 505.1 | 511.0 | 514.9 | 519.8 |
| 170°   | 491.3 | 490.4 | 491.3 | 494.3 | 496.3 | 497.8 | 499.2 | 504.1 | 509.0 | 511.0 | 514.0 |
| 172.5° | 496.3 | 495.3 | 495.3 | 497.2 | 498.2 | 499.2 | 500.2 | 503.1 | 507.1 | 507.1 | 508.1 |
| 175°   | 499.2 | 498.2 | 498.2 | 499.2 | 500.2 | 500.2 | 500.2 | 502.2 | 505.1 | 504.1 | 504.1 |
| 177.5° | 501.2 | 500.2 | 499.2 | 500.2 | 500.2 | 500.2 | 500.2 | 501.2 | 503.1 | 501.2 | 501.2 |
| 180°   | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 2070.3 | 2087.8 | 2089.3 | 2105.3 | 2100.5 | 2092.5 | 2106.9 | 2097.3 | 2116.4 | 2110.0 | 2118.0 |
| 5°     | 2191.2 | 2215.1 | 2235.7 | 2248.5 | 2270.8 | 2266.0 | 2289.8 | 2281.9 | 2299.4 | 2281.9 | 2304.2 |
| 7.5°   | 2332.8 | 2372.6 | 2393.3 | 2426.7 | 2436.2 | 2437.8 | 2466.5 | 2472.8 | 2484.0 | 2472.8 | 2485.6 |
| 10°    | 2471.3 | 2519.0 | 2566.7 | 2593.8 | 2611.3 | 2635.2 | 2660.6 | 2671.8 | 2679.7 | 2668.6 | 2676.5 |
| 12.5°  | 2597.0 | 2671.8 | 2724.3 | 2778.4 | 2791.1 | 2811.8 | 2838.8 | 2835.7 | 2867.5 | 2861.1 | 2875.4 |
| 15°    | 2713.1 | 2795.9 | 2859.5 | 2902.5 | 2937.5 | 2955.0 | 3005.9 | 3009.1 | 3007.5 | 3023.4 | 3013.9 |
| 17.5°  | 2816.6 | 2886.6 | 2977.3 | 3033.0 | 3075.9 | 3075.9 | 3104.6 | 3163.5 | 3158.7 | 3157.1 | 3166.6 |
| 20°    | 2900.9 | 2980.5 | 3064.8 | 3158.7 | 3193.7 | 3200.1 | 3239.8 | 3270.1 | 3274.8 | 3274.8 | 3274.8 |
| 22.5°  | 2964.5 | 3058.4 | 3149.1 | 3216.0 | 3243.0 | 3265.3 | 3300.3 | 3319.4 | 3325.8 | 3322.6 | 3325.8 |
| 25°    | 2996.4 | 3085.5 | 3177.8 | 3238.2 | 3254.2 | 3266.9 | 3270.1 | 3281.2 | 3279.6 | 3260.5 | 3271.7 |
| 27.5°  | 3002.7 | 3088.7 | 3149.1 | 3165.1 | 3157.1 | 3149.1 | 3098.2 | 3103.0 | 3088.7 | 3060.0 | 3071.2 |
| 30°    | 2974.1 | 3020.2 | 3018.7 | 2969.3 | 2955.0 | 2921.6 | 2875.4 | 2807.0 | 2751.3 | 2727.4 | 2735.4 |
| 32.5°  | 2870.7 | 2870.7 | 2813.4 | 2702.0 | 2652.7 | 2592.2 | 2509.4 | 2447.4 | 2374.2 | 2358.3 | 2388.5 |
| 35°    | 2727.4 | 2646.3 | 2541.3 | 2394.9 | 2320.1 | 2275.5 | 2132.3 | 2087.8 | 2025.7 | 2008.2 | 2022.5 |
| 37.5°  | 2504.7 | 2369.4 | 2216.6 | 2079.8 | 2016.1 | 1936.6 | 1810.9 | 1747.2 | 1702.7 | 1672.4 | 1686.8 |
| 40°    | 2254.8 | 2090.9 | 1931.8 | 1763.1 | 1693.1 | 1627.9 | 1534.0 | 1476.7 | 1405.1 | 1408.3 | 1413.1 |
| 42.5°  | 2016.1 | 1823.6 | 1645.4 | 1489.4 | 1422.6 | 1368.5 | 1303.3 | 1233.2 | 1207.8 | 1199.8 | 1191.9 |
| 45°    | 1763.1 | 1557.9 | 1390.8 | 1274.6 | 1214.1 | 1163.2 | 1102.8 | 1063.0 | 1032.7 | 1026.4 | 1034.3 |
| 47.5°  | 1524.4 | 1351.0 | 1191.9 | 1083.7 | 1034.3 | 1008.9 | 961.1  | 924.5  | 905.4  | 889.5  | 899.1  |
| 50°    | 1308.0 | 1145.7 | 1018.4 | 927.7  | 892.7  | 875.2  | 830.6  | 811.6  | 792.5  | 787.7  | 786.1  |
| 52.5°  | 1129.8 | 991.4  | 881.6  | 808.4  | 781.3  | 771.8  | 738.4  | 711.3  | 695.4  | 700.2  | 703.3  |
| 55°    | 967.5  | 849.7  | 763.8  | 704.9  | 682.7  | 671.5  | 647.6  | 628.6  | 617.4  | 612.6  | 615.8  |
| 57.5°  | 824.3  | 722.4  | 660.4  | 612.6  | 595.1  | 590.4  | 564.9  | 558.5  | 550.6  | 545.8  | 545.8  |
| 60°    | 693.8  | 622.2  | 564.9  | 537.9  | 518.8  | 514.0  | 494.9  | 486.9  | 485.3  | 480.6  | 477.4  |
| 62.5°  | 584.0  | 525.1  | 485.3  | 456.7  | 448.7  | 447.1  | 434.4  | 424.9  | 420.1  | 416.9  | 416.9  |
| 65°    | 488.5  | 445.6  | 412.1  | 391.5  | 385.1  | 381.9  | 367.6  | 364.4  | 361.2  | 358.0  | 356.4  |
| 67.5°  | 407.4  | 369.2  | 345.3  | 331.0  | 323.0  | 324.6  | 316.7  | 310.3  | 310.3  | 308.7  | 307.1  |
| 70°    | 329.4  | 305.5  | 284.8  | 276.9  | 273.7  | 270.5  | 267.3  | 262.6  | 261.0  | 261.0  | 261.0  |
| 72.5°  | 259.4  | 243.5  | 232.3  | 227.6  | 224.4  | 221.2  | 218.0  | 218.0  | 218.0  | 216.4  | 216.4  |
| 75°    | 198.9  | 192.5  | 184.6  | 179.8  | 179.8  | 183.0  | 178.2  | 173.4  | 168.7  | 165.5  | 167.1  |
| 77.5°  | 149.6  | 146.4  | 141.6  | 133.7  | 135.3  | 132.1  | 132.1  | 128.9  | 130.5  | 130.5  | 127.3  |
| 80°    | 109.8  | 105.0  | 103.4  | 98.7   | 100.3  | 98.7   | 97.1   | 97.1   | 93.9   | 93.9   | 93.9   |
| 82.5°  | 76.4   | 71.6   | 71.6   | 70.0   | 68.4   | 68.4   | 66.8   | 66.8   | 68.4   | 65.2   | 65.2   |
| 85°    | 46.1   | 44.6   | 44.6   | 41.4   | 41.4   | 41.4   | 41.4   | 43.0   | 41.4   | 39.8   | 39.8   |
| 87.5°  | 20.7   | 22.3   | 20.7   | 19.1   | 19.1   | 19.1   | 17.5   | 17.5   | 15.9   | 17.5   | 17.5   |
| 90°    | 16.7   | 17.7   | 18.7   | 19.7   | 19.7   | 19.7   | 20.6   | 21.6   | 20.6   | 20.6   | 20.6   |
| 92.5°  | 320.4  | 236.8  | 176.9  | 139.5  | 127.2  | 115.0  | 100.2  | 93.4   | 89.4   | 89.4   | 89.4   |
| 95°    | 823.5  | 728.2  | 575.9  | 444.2  | 396.5  | 348.9  | 300.7  | 270.2  | 252.6  | 239.8  | 252.6  |
| 97.5°  | 1032.8 | 1048.5 | 972.9  | 864.8  | 809.8  | 754.7  | 687.9  | 628.9  | 599.4  | 575.9  | 599.4  |
| 100°   | 1041.7 | 1185.1 | 1204.8 | 1156.6 | 1120.2 | 1083.9 | 998.4  | 938.5  | 909.0  | 901.1  | 909.0  |
| 102.5° | 968.0  | 1178.3 | 1295.2 | 1324.7 | 1314.8 | 1305.0 | 1260.8 | 1221.5 | 1190.0 | 1184.2 | 1190.0 |
| 105°   | 875.6  | 1100.6 | 1270.6 | 1367.9 | 1388.1 | 1408.2 | 1410.2 | 1402.3 | 1388.6 | 1382.7 | 1388.6 |
| 107.5° | 799.9  | 1005.3 | 1189.1 | 1324.7 | 1366.0 | 1407.2 | 1450.5 | 1468.1 | 1476.0 | 1477.0 | 1476.0 |
| 110°   | 745.9  | 920.8  | 1090.8 | 1233.3 | 1287.4 | 1341.4 | 1411.2 | 1452.4 | 1470.1 | 1479.0 | 1470.1 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 715.4 | 858.9 | 1004.3 | 1137.0 | 1191.0 | 1245.1 | 1326.6 | 1378.7 | 1405.3 | 1421.0 | 1405.3 |
| 115°   | 698.7 | 821.5 | 942.4  | 1057.4 | 1104.6 | 1151.7 | 1229.4 | 1288.3 | 1319.8 | 1327.6 | 1319.8 |
| 117.5° | 689.9 | 799.9 | 902.1  | 995.5  | 1036.8 | 1078.0 | 1146.8 | 1197.9 | 1231.3 | 1236.2 | 1231.3 |
| 120°   | 683.0 | 786.2 | 877.5  | 956.2  | 991.0  | 1025.9 | 1081.9 | 1125.2 | 1150.7 | 1161.5 | 1150.7 |
| 122.5° | 675.1 | 774.4 | 861.8  | 931.6  | 961.1  | 990.6  | 1035.8 | 1071.1 | 1091.8 | 1102.6 | 1091.8 |
| 125°   | 666.3 | 760.6 | 845.1  | 912.9  | 940.0  | 967.0  | 1006.3 | 1034.8 | 1053.5 | 1059.3 | 1053.5 |
| 127.5° | 654.5 | 744.9 | 826.4  | 894.3  | 919.8  | 945.4  | 984.7  | 1010.2 | 1025.9 | 1031.8 | 1025.9 |
| 130°   | 643.7 | 725.2 | 802.9  | 869.7  | 895.8  | 921.8  | 962.1  | 986.6  | 1002.4 | 1008.2 | 1002.4 |
| 132.5° | 633.8 | 704.6 | 776.3  | 841.2  | 867.2  | 893.3  | 932.6  | 961.1  | 975.8  | 981.7  | 975.8  |
| 135°   | 624.0 | 685.9 | 749.8  | 809.7  | 834.3  | 858.9  | 898.2  | 925.7  | 941.4  | 947.3  | 941.4  |
| 137.5° | 615.2 | 668.2 | 724.2  | 776.3  | 798.9  | 821.5  | 858.9  | 887.4  | 900.2  | 907.0  | 900.2  |
| 140°   | 608.3 | 653.5 | 699.7  | 743.9  | 764.6  | 785.2  | 819.6  | 841.2  | 854.9  | 862.8  | 854.9  |
| 142.5° | 602.4 | 639.7 | 679.0  | 715.4  | 732.6  | 749.8  | 779.3  | 798.9  | 810.7  | 815.6  | 810.7  |
| 145°   | 595.5 | 627.0 | 660.4  | 689.9  | 703.6  | 717.4  | 741.9  | 758.6  | 768.5  | 773.4  | 768.5  |
| 147.5° | 589.6 | 616.2 | 643.7  | 668.2  | 679.5  | 690.8  | 709.5  | 724.2  | 732.1  | 734.1  | 732.1  |
| 150°   | 582.7 | 606.3 | 628.9  | 648.6  | 657.4  | 666.3  | 682.0  | 694.8  | 700.7  | 701.6  | 700.7  |
| 152.5° | 574.9 | 595.5 | 614.2  | 631.9  | 638.8  | 645.6  | 658.4  | 668.2  | 671.2  | 672.2  | 671.2  |
| 155°   | 567.0 | 584.7 | 600.4  | 615.2  | 621.1  | 627.0  | 636.8  | 644.6  | 647.6  | 647.6  | 647.6  |
| 157.5° | 559.2 | 572.9 | 586.7  | 599.4  | 604.3  | 609.3  | 617.1  | 623.0  | 625.0  | 625.0  | 625.0  |
| 160°   | 550.3 | 562.1 | 572.9  | 583.7  | 587.7  | 591.6  | 597.5  | 603.4  | 604.4  | 604.4  | 604.4  |
| 162.5° | 542.4 | 551.3 | 560.1  | 568.0  | 571.4  | 574.9  | 578.8  | 584.7  | 585.7  | 584.7  | 585.7  |
| 165°   | 533.6 | 541.5 | 547.4  | 554.2  | 556.7  | 559.2  | 563.1  | 567.0  | 566.0  | 565.1  | 566.0  |
| 167.5° | 525.7 | 531.6 | 536.6  | 542.4  | 543.9  | 545.4  | 547.4  | 550.3  | 550.3  | 549.3  | 550.3  |
| 170°   | 517.9 | 522.8 | 525.7  | 529.7  | 531.2  | 532.6  | 534.6  | 535.6  | 534.6  | 534.6  | 534.6  |
| 172.5° | 511.0 | 514.9 | 516.9  | 518.9  | 519.8  | 520.8  | 521.8  | 522.8  | 521.8  | 519.8  | 521.8  |
| 175°   | 506.1 | 508.1 | 509.0  | 511.0  | 511.0  | 511.0  | 511.0  | 513.0  | 511.0  | 509.0  | 511.0  |
| 177.5° | 502.2 | 503.1 | 504.1  | 504.1  | 504.6  | 505.1  | 504.1  | 505.1  | 503.1  | 501.2  | 503.1  |
| 180°   | 500.2 | 500.2 | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 2122.8 | 2111.6 | 2110.0 | 2110.0 | 2092.5 | 2102.1 | 2083.0 | 2062.3 | 2052.7 | 2052.7 | 2035.2 |
| 5°     | 2299.4 | 2288.3 | 2277.1 | 2259.6 | 2259.6 | 2250.1 | 2219.8 | 2189.6 | 2167.3 | 2148.2 | 2127.5 |
| 7.5°   | 2480.8 | 2469.7 | 2437.8 | 2420.3 | 2429.9 | 2410.8 | 2371.0 | 2320.1 | 2281.9 | 2251.7 | 2208.7 |
| 10°    | 2678.1 | 2647.9 | 2632.0 | 2622.4 | 2589.0 | 2568.3 | 2522.2 | 2447.4 | 2399.6 | 2359.9 | 2304.2 |
| 12.5°  | 2838.8 | 2848.4 | 2787.9 | 2792.7 | 2759.3 | 2730.6 | 2659.0 | 2587.4 | 2515.8 | 2460.1 | 2377.4 |
| 15°    | 3012.3 | 2983.6 | 2947.0 | 2918.4 | 2907.3 | 2872.3 | 2811.8 | 2716.3 | 2638.3 | 2550.8 | 2456.9 |
| 17.5°  | 3149.1 | 3126.9 | 3091.9 | 3064.8 | 3040.9 | 2956.6 | 2905.7 | 2821.3 | 2714.7 | 2628.8 | 2514.2 |
| 20°    | 3265.3 | 3244.6 | 3195.3 | 3177.8 | 3134.8 | 3074.3 | 3001.1 | 2870.7 | 2775.2 | 2681.3 | 2569.9 |
| 22.5°  | 3314.6 | 3293.9 | 3251.0 | 3228.7 | 3201.7 | 3142.8 | 3072.8 | 2948.6 | 2830.9 | 2713.1 | 2595.4 |
| 25°    | 3273.3 | 3273.3 | 3252.6 | 3244.6 | 3220.7 | 3168.2 | 3096.6 | 2991.6 | 2865.9 | 2738.6 | 2598.6 |
| 27.5°  | 3072.8 | 3112.5 | 3126.9 | 3134.8 | 3134.8 | 3136.4 | 3087.1 | 2985.2 | 2862.7 | 2738.6 | 2592.2 |
| 30°    | 2783.1 | 2850.0 | 2908.9 | 2926.4 | 2956.6 | 2990.0 | 3010.7 | 2961.4 | 2851.6 | 2721.1 | 2574.7 |
| 32.5°  | 2418.7 | 2504.7 | 2614.5 | 2641.5 | 2682.9 | 2783.1 | 2838.8 | 2859.5 | 2799.1 | 2684.5 | 2528.5 |
| 35°    | 2055.9 | 2164.1 | 2231.0 | 2313.7 | 2351.9 | 2499.9 | 2624.0 | 2698.8 | 2684.5 | 2616.1 | 2474.4 |
| 37.5°  | 1739.3 | 1801.3 | 1882.5 | 1970.0 | 2046.4 | 2188.0 | 2342.4 | 2487.2 | 2546.0 | 2512.6 | 2406.0 |
| 40°    | 1435.3 | 1508.5 | 1605.6 | 1677.2 | 1729.7 | 1871.3 | 2062.3 | 2219.8 | 2348.7 | 2369.4 | 2304.2 |
| 42.5°  | 1220.5 | 1293.7 | 1352.6 | 1430.6 | 1471.9 | 1608.8 | 1777.5 | 1974.8 | 2127.5 | 2208.7 | 2180.0 |
| 45°    | 1055.0 | 1099.6 | 1147.3 | 1191.9 | 1242.8 | 1363.7 | 1519.7 | 1736.1 | 1907.9 | 2022.5 | 2033.7 |
| 47.5°  | 910.2  | 950.0  | 991.4  | 1032.7 | 1061.4 | 1155.3 | 1298.5 | 1475.1 | 1662.9 | 1820.4 | 1882.5 |
| 50°    | 808.4  | 827.5  | 857.7  | 881.6  | 915.0  | 996.1  | 1110.7 | 1263.5 | 1462.4 | 1632.7 | 1713.8 |
| 52.5°  | 708.1  | 732.0  | 755.9  | 776.5  | 798.8  | 856.1  | 961.1  | 1093.2 | 1265.1 | 1440.1 | 1540.4 |
| 55°    | 623.8  | 642.9  | 665.2  | 679.5  | 692.2  | 743.1  | 822.7  | 924.5  | 1072.5 | 1238.0 | 1362.1 |
| 57.5°  | 555.4  | 563.3  | 582.4  | 590.4  | 604.7  | 646.1  | 703.3  | 794.0  | 913.4  | 1074.1 | 1176.0 |
| 60°    | 480.6  | 496.5  | 510.8  | 517.2  | 528.3  | 556.9  | 596.7  | 681.1  | 784.5  | 902.3  | 1018.4 |
| 62.5°  | 420.1  | 426.5  | 437.6  | 445.6  | 453.5  | 483.7  | 517.2  | 580.8  | 658.8  | 757.4  | 864.1  |
| 65°    | 364.4  | 367.6  | 374.0  | 385.1  | 389.9  | 412.1  | 431.2  | 477.4  | 550.6  | 625.4  | 732.0  |
| 67.5°  | 307.1  | 310.3  | 318.3  | 324.6  | 329.4  | 343.7  | 364.4  | 397.8  | 437.6  | 520.3  | 579.2  |
| 70°    | 262.6  | 262.6  | 267.3  | 270.5  | 275.3  | 281.7  | 292.8  | 318.3  | 354.9  | 407.4  | 461.5  |
| 72.5°  | 219.6  | 219.6  | 219.6  | 224.4  | 224.4  | 229.1  | 235.5  | 253.0  | 278.5  | 319.8  | 354.9  |
| 75°    | 170.3  | 171.9  | 175.0  | 175.0  | 176.6  | 183.0  | 187.8  | 192.5  | 205.3  | 232.3  | 264.2  |
| 77.5°  | 128.9  | 132.1  | 133.7  | 130.5  | 133.7  | 133.7  | 140.0  | 146.4  | 152.8  | 160.7  | 184.6  |
| 80°    | 95.5   | 97.1   | 93.9   | 95.5   | 95.5   | 98.7   | 101.8  | 100.3  | 103.4  | 113.0  | 119.3  |
| 82.5°  | 63.7   | 65.2   | 65.2   | 65.2   | 65.2   | 70.0   | 70.0   | 68.4   | 70.0   | 71.6   | 73.2   |
| 85°    | 39.8   | 38.2   | 38.2   | 39.8   | 38.2   | 38.2   | 39.8   | 41.4   | 39.8   | 41.4   | 43.0   |
| 87.5°  | 17.5   | 17.5   | 17.5   | 17.5   | 15.9   | 15.9   | 17.5   | 15.9   | 17.5   | 15.9   | 14.3   |
| 90°    | 21.6   | 20.6   | 19.7   | 19.7   | 19.7   | 18.7   | 17.7   | 16.7   | 17.7   | 15.7   | 13.8   |
| 92.5°  | 93.4   | 100.2  | 115.0  | 127.2  | 139.5  | 176.9  | 236.8  | 320.4  | 385.2  | 337.1  | 244.7  |
| 95°    | 270.2  | 300.7  | 348.9  | 396.5  | 444.2  | 575.9  | 728.2  | 823.5  | 800.9  | 604.4  | 369.5  |
| 97.5°  | 628.9  | 687.9  | 754.7  | 809.8  | 864.8  | 972.9  | 1048.5 | 1032.8 | 856.9  | 578.8  | 337.1  |
| 100°   | 938.5  | 998.4  | 1083.9 | 1120.2 | 1156.6 | 1204.8 | 1185.1 | 1041.7 | 790.1  | 513.0  | 312.5  |
| 102.5° | 1221.5 | 1260.8 | 1305.0 | 1314.8 | 1324.7 | 1295.2 | 1178.3 | 968.0  | 706.6  | 468.7  | 305.6  |
| 105°   | 1402.3 | 1410.2 | 1408.2 | 1388.1 | 1367.9 | 1270.6 | 1100.6 | 875.6  | 644.6  | 447.1  | 309.5  |
| 107.5° | 1468.1 | 1450.5 | 1407.2 | 1366.0 | 1324.7 | 1189.1 | 1005.3 | 799.9  | 604.4  | 441.2  | 321.3  |
| 110°   | 1452.4 | 1411.2 | 1341.4 | 1287.4 | 1233.3 | 1090.8 | 920.8  | 745.9  | 585.7  | 443.2  | 335.1  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1378.7 | 1326.6 | 1245.1 | 1191.0 | 1137.0 | 1004.3 | 858.9 | 715.4 | 576.8 | 449.1 | 349.8 |
| 115°   | 1288.3 | 1229.4 | 1151.7 | 1104.6 | 1057.4 | 942.4  | 821.5 | 698.7 | 574.9 | 457.0 | 365.6 |
| 117.5° | 1197.9 | 1146.8 | 1078.0 | 1036.8 | 995.5  | 902.1  | 799.9 | 689.9 | 573.9 | 464.8 | 381.3 |
| 120°   | 1125.2 | 1081.9 | 1025.9 | 991.0  | 956.2  | 877.5  | 786.2 | 683.0 | 573.9 | 473.7 | 398.0 |
| 122.5° | 1071.1 | 1035.8 | 990.6  | 961.1  | 931.6  | 861.8  | 774.4 | 675.1 | 572.9 | 482.5 | 413.7 |
| 125°   | 1034.8 | 1006.3 | 967.0  | 940.0  | 912.9  | 845.1  | 760.6 | 666.3 | 571.9 | 491.3 | 429.4 |
| 127.5° | 1010.2 | 984.7  | 945.4  | 919.8  | 894.3  | 826.4  | 744.9 | 654.5 | 570.0 | 498.2 | 443.2 |
| 130°   | 986.6  | 962.1  | 921.8  | 895.8  | 869.7  | 802.9  | 725.2 | 643.7 | 569.0 | 506.1 | 456.0 |
| 132.5° | 961.1  | 932.6  | 893.3  | 867.2  | 841.2  | 776.3  | 704.6 | 633.8 | 568.0 | 513.0 | 468.7 |
| 135°   | 925.7  | 898.2  | 858.9  | 834.3  | 809.7  | 749.8  | 685.9 | 624.0 | 567.0 | 519.8 | 479.6 |
| 137.5° | 887.4  | 858.9  | 821.5  | 798.9  | 776.3  | 724.2  | 668.2 | 615.2 | 567.0 | 523.8 | 487.4 |
| 140°   | 841.2  | 819.6  | 785.2  | 764.6  | 743.9  | 699.7  | 653.5 | 608.3 | 566.0 | 528.7 | 495.3 |
| 142.5° | 798.9  | 779.3  | 749.8  | 732.6  | 715.4  | 679.0  | 639.7 | 602.4 | 566.0 | 532.6 | 501.2 |
| 145°   | 758.6  | 741.9  | 717.4  | 703.6  | 689.9  | 660.4  | 627.0 | 595.5 | 564.1 | 533.6 | 505.1 |
| 147.5° | 724.2  | 709.5  | 690.8  | 679.5  | 668.2  | 643.7  | 616.2 | 589.6 | 561.1 | 534.6 | 509.0 |
| 150°   | 694.8  | 682.0  | 666.3  | 657.4  | 648.6  | 628.9  | 606.3 | 582.7 | 558.2 | 534.6 | 512.0 |
| 152.5° | 668.2  | 658.4  | 645.6  | 638.8  | 631.9  | 614.2  | 595.5 | 574.9 | 553.3 | 532.6 | 514.0 |
| 155°   | 644.6  | 636.8  | 627.0  | 621.1  | 615.2  | 600.4  | 584.7 | 567.0 | 548.3 | 530.7 | 514.9 |
| 157.5° | 623.0  | 617.1  | 609.3  | 604.3  | 599.4  | 586.7  | 572.9 | 559.2 | 543.4 | 528.7 | 514.9 |
| 160°   | 603.4  | 597.5  | 591.6  | 587.7  | 583.7  | 572.9  | 562.1 | 550.3 | 537.5 | 525.7 | 514.9 |
| 162.5° | 584.7  | 578.8  | 574.9  | 571.4  | 568.0  | 560.1  | 551.3 | 542.4 | 531.6 | 522.8 | 514.9 |
| 165°   | 567.0  | 563.1  | 559.2  | 556.7  | 554.2  | 547.4  | 541.5 | 533.6 | 525.7 | 518.9 | 513.0 |
| 167.5° | 550.3  | 547.4  | 545.4  | 543.9  | 542.4  | 536.6  | 531.6 | 525.7 | 519.8 | 514.9 | 511.0 |
| 170°   | 535.6  | 534.6  | 532.6  | 531.2  | 529.7  | 525.7  | 522.8 | 517.9 | 514.0 | 511.0 | 509.0 |
| 172.5° | 522.8  | 521.8  | 520.8  | 519.8  | 518.9  | 516.9  | 514.9 | 511.0 | 508.1 | 507.1 | 507.1 |
| 175°   | 513.0  | 511.0  | 511.0  | 511.0  | 511.0  | 509.0  | 508.1 | 506.1 | 504.1 | 504.1 | 505.1 |
| 177.5° | 505.1  | 504.1  | 505.1  | 504.6  | 504.1  | 504.1  | 503.1 | 502.2 | 501.2 | 501.2 | 503.1 |
| 180°   | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 2025.7 | 2017.7 | 2013.0 | 2011.4 | 1997.1 | 1989.1 | 1984.3 | 1981.1 | 1976.4 | 1963.6 | 1952.5 |
| 5°     | 2102.1 | 2079.8 | 2068.7 | 2055.9 | 2033.7 | 2008.2 | 1987.5 | 1974.8 | 1958.9 | 1933.4 | 1909.5 |
| 7.5°   | 2173.7 | 2140.3 | 2118.0 | 2100.5 | 2062.3 | 2020.9 | 1987.5 | 1960.5 | 1930.2 | 1895.2 | 1861.8 |
| 10°    | 2248.5 | 2194.4 | 2165.7 | 2138.7 | 2083.0 | 2028.9 | 1981.1 | 1941.4 | 1898.4 | 1852.2 | 1815.6 |
| 12.5°  | 2307.4 | 2235.7 | 2203.9 | 2165.7 | 2097.3 | 2033.7 | 1973.2 | 1919.1 | 1863.4 | 1814.1 | 1761.5 |
| 15°    | 2375.8 | 2286.7 | 2250.1 | 2200.7 | 2106.9 | 2024.1 | 1946.1 | 1887.3 | 1830.0 | 1756.8 | 1701.1 |
| 17.5°  | 2415.6 | 2312.1 | 2259.6 | 2216.6 | 2114.8 | 2014.6 | 1923.9 | 1850.7 | 1783.8 | 1710.6 | 1651.7 |
| 20°    | 2455.3 | 2337.6 | 2278.7 | 2218.2 | 2097.3 | 1990.7 | 1895.2 | 1807.7 | 1737.7 | 1658.1 | 1597.6 |
| 22.5°  | 2468.1 | 2331.2 | 2269.2 | 2213.5 | 2086.2 | 1966.8 | 1857.0 | 1767.9 | 1686.8 | 1607.2 | 1538.8 |
| 25°    | 2468.1 | 2329.6 | 2256.4 | 2184.8 | 2051.2 | 1928.6 | 1818.8 | 1721.8 | 1631.1 | 1551.5 | 1483.1 |
| 27.5°  | 2442.6 | 2297.8 | 2221.4 | 2156.2 | 2017.7 | 1885.7 | 1772.7 | 1666.1 | 1578.5 | 1499.0 | 1421.0 |
| 30°    | 2410.8 | 2251.7 | 2175.3 | 2097.3 | 1963.6 | 1837.9 | 1715.4 | 1616.7 | 1524.4 | 1433.7 | 1363.7 |
| 32.5°  | 2371.0 | 2202.3 | 2118.0 | 2038.4 | 1896.8 | 1766.3 | 1653.3 | 1556.3 | 1468.7 | 1374.9 | 1296.9 |
| 35°    | 2313.7 | 2129.1 | 2035.2 | 1965.2 | 1828.4 | 1693.1 | 1584.9 | 1489.4 | 1405.1 | 1308.0 | 1223.7 |
| 37.5°  | 2240.5 | 2062.3 | 1966.8 | 1880.9 | 1739.3 | 1615.1 | 1513.3 | 1421.0 | 1338.3 | 1249.2 | 1155.3 |
| 40°    | 2154.6 | 1968.4 | 1885.7 | 1795.0 | 1645.4 | 1527.6 | 1432.1 | 1349.4 | 1266.7 | 1182.3 | 1091.6 |
| 42.5°  | 2057.5 | 1872.9 | 1780.6 | 1693.1 | 1549.9 | 1433.7 | 1344.6 | 1269.8 | 1193.5 | 1115.5 | 1018.4 |
| 45°    | 1941.4 | 1767.9 | 1678.8 | 1596.1 | 1457.6 | 1338.3 | 1257.1 | 1185.5 | 1120.3 | 1040.7 | 954.8  |
| 47.5°  | 1810.9 | 1659.7 | 1569.0 | 1479.9 | 1344.6 | 1241.2 | 1161.6 | 1101.2 | 1045.5 | 965.9  | 887.9  |
| 50°    | 1683.6 | 1534.0 | 1460.8 | 1370.1 | 1246.0 | 1148.9 | 1067.7 | 1016.8 | 973.9  | 895.9  | 825.9  |
| 52.5°  | 1522.9 | 1409.9 | 1339.9 | 1261.9 | 1142.5 | 1043.9 | 980.2  | 935.7  | 884.8  | 824.3  | 762.2  |
| 55°    | 1381.2 | 1276.2 | 1220.5 | 1147.3 | 1029.6 | 942.0  | 887.9  | 846.6  | 806.8  | 752.7  | 703.3  |
| 57.5°  | 1220.5 | 1155.3 | 1099.6 | 1035.9 | 919.8  | 845.0  | 797.2  | 762.2  | 725.6  | 681.1  | 641.3  |
| 60°    | 1051.8 | 1021.6 | 967.5  | 916.6  | 817.9  | 752.7  | 712.9  | 681.1  | 646.1  | 609.5  | 576.0  |
| 62.5°  | 902.3  | 884.8  | 852.9  | 813.1  | 720.8  | 665.2  | 625.4  | 601.5  | 576.0  | 542.6  | 510.8  |
| 65°    | 760.6  | 752.7  | 722.4  | 693.8  | 630.1  | 580.8  | 545.8  | 531.5  | 502.8  | 477.4  | 448.7  |
| 67.5°  | 634.9  | 625.4  | 607.9  | 595.1  | 541.0  | 494.9  | 477.4  | 458.3  | 434.4  | 415.3  | 391.5  |
| 70°    | 507.6  | 506.0  | 494.9  | 479.0  | 450.3  | 416.9  | 399.4  | 386.7  | 362.8  | 348.5  | 331.0  |
| 72.5°  | 394.6  | 402.6  | 393.0  | 386.7  | 367.6  | 343.7  | 327.8  | 319.8  | 300.8  | 289.6  | 276.9  |
| 75°    | 294.4  | 300.8  | 305.5  | 294.4  | 289.6  | 278.5  | 264.2  | 256.2  | 246.6  | 230.7  | 226.0  |
| 77.5°  | 200.5  | 214.8  | 214.8  | 218.0  | 219.6  | 213.2  | 202.1  | 195.7  | 184.6  | 181.4  | 175.0  |
| 80°    | 132.1  | 144.8  | 146.4  | 149.6  | 154.4  | 154.4  | 146.4  | 144.8  | 133.7  | 132.1  | 127.3  |
| 82.5°  | 76.4   | 87.5   | 93.9   | 98.7   | 97.1   | 103.4  | 97.1   | 95.5   | 89.1   | 89.1   | 85.9   |
| 85°    | 41.4   | 43.0   | 46.1   | 49.3   | 52.5   | 55.7   | 55.7   | 54.1   | 52.5   | 50.9   | 47.7   |
| 87.5°  | 15.9   | 15.9   | 17.5   | 15.9   | 17.5   | 20.7   | 22.3   | 22.3   | 20.7   | 19.1   | 15.9   |
| 90°    | 13.8   | 7.9    | 7.9    | 7.9    | 6.9    | 5.9    | 2.9    | 1.0    | 2.9    | 5.9    | 6.9    |
| 92.5°  | 149.4  | 88.4   | 75.6   | 62.9   | 45.2   | 30.5   | 19.7   | 13.8   | 19.7   | 30.5   | 45.2   |
| 95°    | 208.3  | 122.8  | 102.2  | 81.6   | 58.0   | 45.2   | 35.4   | 32.4   | 35.4   | 45.2   | 58.0   |
| 97.5°  | 198.5  | 130.7  | 113.0  | 95.3   | 74.7   | 62.9   | 54.0   | 54.0   | 54.0   | 62.9   | 74.7   |
| 100°   | 201.5  | 143.5  | 127.8  | 112.0  | 93.4   | 81.6   | 74.7   | 74.7   | 74.7   | 81.6   | 93.4   |
| 102.5° | 211.3  | 160.2  | 145.4  | 130.7  | 113.0  | 102.2  | 96.3   | 94.3   | 96.3   | 102.2  | 113.0  |
| 105°   | 228.0  | 180.8  | 166.6  | 152.3  | 134.6  | 122.8  | 117.9  | 115.0  | 117.9  | 122.8  | 134.6  |
| 107.5° | 245.7  | 202.4  | 188.2  | 173.9  | 157.2  | 144.5  | 139.5  | 137.6  | 139.5  | 144.5  | 157.2  |
| 110°   | 266.3  | 223.1  | 209.8  | 196.5  | 178.9  | 167.1  | 162.1  | 160.2  | 162.1  | 167.1  | 178.9  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.0 | 244.7 | 231.4  | 218.2 | 200.5 | 189.7 | 183.8 | 181.8 | 183.8 | 189.7 | 200.5 |
| 115°   | 306.6 | 267.3 | 254.0  | 240.8 | 222.1 | 212.3 | 205.4 | 202.4 | 205.4 | 212.3 | 222.1 |
| 117.5° | 326.3 | 288.9 | 275.2  | 261.4 | 243.7 | 232.9 | 227.0 | 224.1 | 227.0 | 232.9 | 243.7 |
| 120°   | 346.9 | 309.5 | 295.8  | 282.0 | 265.3 | 254.5 | 247.6 | 245.7 | 247.6 | 254.5 | 265.3 |
| 122.5° | 366.5 | 329.2 | 316.0  | 302.7 | 284.0 | 274.2 | 267.3 | 265.3 | 267.3 | 274.2 | 284.0 |
| 125°   | 384.2 | 348.9 | 335.1  | 321.3 | 302.7 | 291.9 | 286.0 | 282.0 | 286.0 | 291.9 | 302.7 |
| 127.5° | 400.9 | 366.5 | 352.8  | 339.0 | 319.4 | 307.6 | 300.7 | 297.8 | 300.7 | 307.6 | 319.4 |
| 130°   | 417.6 | 384.2 | 370.0  | 355.7 | 337.1 | 322.3 | 314.5 | 310.5 | 314.5 | 322.3 | 337.1 |
| 132.5° | 431.4 | 398.0 | 384.8  | 371.5 | 350.8 | 337.1 | 326.3 | 323.3 | 326.3 | 337.1 | 350.8 |
| 135°   | 444.2 | 411.8 | 399.0  | 386.2 | 365.6 | 348.9 | 339.0 | 335.1 | 339.0 | 348.9 | 365.6 |
| 137.5° | 454.0 | 423.5 | 411.2  | 399.0 | 377.4 | 361.6 | 350.8 | 346.9 | 350.8 | 361.6 | 377.4 |
| 140°   | 463.8 | 434.4 | 422.6  | 410.8 | 390.1 | 373.4 | 362.6 | 359.7 | 362.6 | 373.4 | 390.1 |
| 142.5° | 472.7 | 444.2 | 432.9  | 421.6 | 401.9 | 386.2 | 376.4 | 373.4 | 376.4 | 386.2 | 401.9 |
| 145°   | 478.6 | 453.0 | 442.2  | 431.4 | 412.7 | 399.0 | 389.1 | 386.2 | 389.1 | 399.0 | 412.7 |
| 147.5° | 485.5 | 460.9 | 451.0  | 441.2 | 425.5 | 410.8 | 401.9 | 400.9 | 401.9 | 410.8 | 425.5 |
| 150°   | 490.4 | 468.7 | 459.4  | 450.1 | 435.3 | 423.5 | 415.7 | 414.7 | 415.7 | 423.5 | 435.3 |
| 152.5° | 494.3 | 475.6 | 467.2  | 458.9 | 446.1 | 435.3 | 427.5 | 427.5 | 427.5 | 435.3 | 446.1 |
| 155°   | 498.2 | 481.5 | 474.2  | 466.8 | 456.0 | 446.1 | 440.2 | 439.3 | 440.2 | 446.1 | 456.0 |
| 157.5° | 501.2 | 486.4 | 480.5  | 474.6 | 464.8 | 457.0 | 451.1 | 451.1 | 451.1 | 457.0 | 464.8 |
| 160°   | 503.1 | 491.3 | 485.9  | 480.5 | 472.7 | 465.8 | 461.9 | 461.9 | 461.9 | 465.8 | 472.7 |
| 162.5° | 505.1 | 494.3 | 490.4  | 486.4 | 479.6 | 473.7 | 470.7 | 471.7 | 470.7 | 473.7 | 479.6 |
| 165°   | 505.1 | 496.3 | 493.4  | 490.4 | 485.5 | 480.5 | 478.6 | 478.6 | 478.6 | 480.5 | 485.5 |
| 167.5° | 505.1 | 498.2 | 495.8  | 493.3 | 490.4 | 486.4 | 485.5 | 486.4 | 485.5 | 486.4 | 490.4 |
| 170°   | 504.1 | 499.2 | 497.8  | 496.3 | 494.3 | 491.3 | 490.4 | 491.3 | 490.4 | 491.3 | 494.3 |
| 172.5° | 503.1 | 500.2 | 499.2  | 498.2 | 497.2 | 495.3 | 495.3 | 496.3 | 495.3 | 495.3 | 497.2 |
| 175°   | 502.2 | 500.2 | 500.2  | 500.2 | 499.2 | 498.2 | 498.2 | 499.2 | 498.2 | 498.2 | 499.2 |
| 177.5° | 501.2 | 500.2 | 500.2  | 500.2 | 500.2 | 499.2 | 500.2 | 501.2 | 500.2 | 499.2 | 500.2 |
| 180°   | 500.2 | 500.2 | 500.2  | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 1942.9 | 1939.8 | 1936.6 | 1923.9 | 1912.7 | 1893.6 | 1877.7 | 1871.3 | 1869.8 | 1871.3 | 1866.6 |
| 5°     | 1887.3 | 1885.7 | 1874.5 | 1852.2 | 1831.6 | 1809.3 | 1793.4 | 1777.5 | 1767.9 | 1767.9 | 1756.8 |
| 7.5°   | 1834.7 | 1823.6 | 1814.1 | 1785.4 | 1761.5 | 1731.3 | 1707.4 | 1693.1 | 1685.2 | 1667.7 | 1667.7 |
| 10°    | 1779.0 | 1763.1 | 1750.4 | 1723.4 | 1688.3 | 1658.1 | 1627.9 | 1610.4 | 1596.1 | 1583.3 | 1578.5 |
| 12.5°  | 1723.4 | 1710.6 | 1686.8 | 1658.1 | 1623.1 | 1584.9 | 1553.1 | 1540.4 | 1506.9 | 1479.9 | 1481.5 |
| 15°    | 1670.8 | 1642.2 | 1631.1 | 1589.7 | 1548.3 | 1511.7 | 1465.6 | 1429.0 | 1401.9 | 1384.4 | 1362.1 |
| 17.5°  | 1612.0 | 1583.3 | 1562.6 | 1527.6 | 1473.5 | 1416.2 | 1371.7 | 1322.4 | 1295.3 | 1265.1 | 1250.7 |
| 20°    | 1546.7 | 1522.9 | 1506.9 | 1451.2 | 1386.0 | 1317.6 | 1268.2 | 1238.0 | 1207.8 | 1185.5 | 1172.8 |
| 22.5°  | 1491.0 | 1460.8 | 1441.7 | 1366.9 | 1295.3 | 1226.9 | 1188.7 | 1163.2 | 1137.8 | 1118.7 | 1112.3 |
| 25°    | 1419.4 | 1401.9 | 1355.8 | 1290.5 | 1203.0 | 1156.9 | 1123.4 | 1090.0 | 1075.7 | 1063.0 | 1048.7 |
| 27.5°  | 1360.5 | 1317.6 | 1285.8 | 1199.8 | 1145.7 | 1093.2 | 1059.8 | 1034.3 | 1016.8 | 1004.1 | 993.0  |
| 30°    | 1287.3 | 1247.6 | 1203.0 | 1131.4 | 1082.1 | 1032.7 | 1002.5 | 981.8  | 962.7  | 954.8  | 945.2  |
| 32.5°  | 1211.0 | 1174.4 | 1131.4 | 1074.1 | 1013.6 | 975.5  | 951.6  | 929.3  | 916.6  | 908.6  | 897.5  |
| 35°    | 1142.5 | 1096.4 | 1067.7 | 1013.6 | 964.3  | 921.3  | 899.1  | 880.0  | 865.7  | 862.5  | 860.9  |
| 37.5°  | 1069.3 | 1034.3 | 1007.3 | 951.6  | 910.2  | 873.6  | 852.9  | 832.2  | 824.3  | 822.7  | 816.3  |
| 40°    | 1005.7 | 975.5  | 950.0  | 897.5  | 852.9  | 819.5  | 803.6  | 790.9  | 782.9  | 782.9  | 781.3  |
| 42.5°  | 950.0  | 918.2  | 892.7  | 845.0  | 805.2  | 775.0  | 757.4  | 744.7  | 741.5  | 743.1  | 741.5  |
| 45°    | 887.9  | 860.9  | 835.4  | 786.1  | 752.7  | 730.4  | 711.3  | 704.9  | 700.2  | 701.8  | 703.3  |
| 47.5°  | 829.1  | 806.8  | 781.3  | 741.5  | 703.3  | 679.5  | 668.3  | 662.0  | 662.0  | 662.0  | 665.2  |
| 50°    | 776.5  | 751.1  | 728.8  | 687.4  | 652.4  | 633.3  | 623.8  | 615.8  | 617.4  | 619.0  | 620.6  |
| 52.5°  | 714.5  | 692.2  | 676.3  | 634.9  | 609.5  | 585.6  | 574.5  | 576.0  | 574.5  | 574.5  | 577.6  |
| 55°    | 660.4  | 638.1  | 622.2  | 584.0  | 558.5  | 542.6  | 533.1  | 528.3  | 529.9  | 526.7  | 533.1  |
| 57.5°  | 599.9  | 580.8  | 569.7  | 533.1  | 510.8  | 496.5  | 488.5  | 480.6  | 483.7  | 482.2  | 480.6  |
| 60°    | 547.4  | 525.1  | 507.6  | 482.2  | 463.1  | 445.6  | 440.8  | 432.8  | 436.0  | 432.8  | 431.2  |
| 62.5°  | 486.9  | 469.4  | 456.7  | 431.2  | 415.3  | 401.0  | 389.9  | 385.1  | 383.5  | 378.7  | 374.0  |
| 65°    | 426.5  | 416.9  | 404.2  | 378.7  | 362.8  | 351.7  | 345.3  | 340.5  | 338.9  | 326.2  | 311.9  |
| 67.5°  | 370.8  | 364.4  | 351.7  | 332.6  | 318.3  | 307.1  | 297.6  | 289.6  | 280.1  | 270.5  | 262.6  |
| 70°    | 318.3  | 308.7  | 300.8  | 283.2  | 270.5  | 259.4  | 249.8  | 240.3  | 235.5  | 226.0  | 222.8  |
| 72.5°  | 267.3  | 257.8  | 249.8  | 233.9  | 222.8  | 211.6  | 208.5  | 197.3  | 192.5  | 191.0  | 191.0  |
| 75°    | 214.8  | 206.9  | 202.1  | 187.8  | 178.2  | 170.3  | 165.5  | 162.3  | 159.1  | 155.9  | 151.2  |
| 77.5°  | 163.9  | 159.1  | 155.9  | 146.4  | 138.4  | 133.7  | 132.1  | 120.9  | 117.8  | 114.6  | 111.4  |
| 80°    | 119.3  | 117.8  | 114.6  | 106.6  | 103.4  | 92.3   | 92.3   | 89.1   | 87.5   | 87.5   | 87.5   |
| 82.5°  | 81.2   | 78.0   | 76.4   | 68.4   | 66.8   | 65.2   | 63.7   | 62.1   | 63.7   | 62.1   | 63.7   |
| 85°    | 43.0   | 41.4   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 38.2   | 39.8   |
| 87.5°  | 15.9   | 15.9   | 15.9   | 15.9   | 14.3   | 15.9   | 15.9   | 14.3   | 15.9   | 15.9   | 15.9   |
| 90°    | 7.9    | 7.9    | 7.9    | 13.8   | 13.8   | 15.7   | 17.7   | 16.7   | 17.7   | 18.7   | 19.7   |
| 92.5°  | 62.9   | 75.6   | 88.4   | 149.4  | 244.7  | 337.1  | 385.2  | 320.4  | 236.8  | 176.9  | 139.5  |
| 95°    | 81.6   | 102.2  | 122.8  | 208.3  | 369.5  | 604.4  | 800.9  | 823.5  | 728.2  | 575.9  | 444.2  |
| 97.5°  | 95.3   | 113.0  | 130.7  | 198.5  | 337.1  | 578.8  | 856.9  | 1032.8 | 1048.5 | 972.9  | 864.8  |
| 100°   | 112.0  | 127.8  | 143.5  | 201.5  | 312.5  | 513.0  | 790.1  | 1041.7 | 1185.1 | 1204.8 | 1156.6 |
| 102.5° | 130.7  | 145.4  | 160.2  | 211.3  | 305.6  | 468.7  | 706.6  | 968.0  | 1178.3 | 1295.2 | 1324.7 |
| 105°   | 152.3  | 166.6  | 180.8  | 228.0  | 309.5  | 447.1  | 644.6  | 875.6  | 1100.6 | 1270.6 | 1367.9 |
| 107.5° | 173.9  | 188.2  | 202.4  | 245.7  | 321.3  | 441.2  | 604.4  | 799.9  | 1005.3 | 1189.1 | 1324.7 |
| 110°   | 196.5  | 209.8  | 223.1  | 266.3  | 335.1  | 443.2  | 585.7  | 745.9  | 920.8  | 1090.8 | 1233.3 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 218.2 | 231.4  | 244.7 | 286.0 | 349.8 | 449.1 | 576.8 | 715.4 | 858.9 | 1004.3 | 1137.0 |
| 115°   | 240.8 | 254.0  | 267.3 | 306.6 | 365.6 | 457.0 | 574.9 | 698.7 | 821.5 | 942.4  | 1057.4 |
| 117.5° | 261.4 | 275.2  | 288.9 | 326.3 | 381.3 | 464.8 | 573.9 | 689.9 | 799.9 | 902.1  | 995.5  |
| 120°   | 282.0 | 295.8  | 309.5 | 346.9 | 398.0 | 473.7 | 573.9 | 683.0 | 786.2 | 877.5  | 956.2  |
| 122.5° | 302.7 | 316.0  | 329.2 | 366.5 | 413.7 | 482.5 | 572.9 | 675.1 | 774.4 | 861.8  | 931.6  |
| 125°   | 321.3 | 335.1  | 348.9 | 384.2 | 429.4 | 491.3 | 571.9 | 666.3 | 760.6 | 845.1  | 912.9  |
| 127.5° | 339.0 | 352.8  | 366.5 | 400.9 | 443.2 | 498.2 | 570.0 | 654.5 | 744.9 | 826.4  | 894.3  |
| 130°   | 355.7 | 370.0  | 384.2 | 417.6 | 456.0 | 506.1 | 569.0 | 643.7 | 725.2 | 802.9  | 869.7  |
| 132.5° | 371.5 | 384.8  | 398.0 | 431.4 | 468.7 | 513.0 | 568.0 | 633.8 | 704.6 | 776.3  | 841.2  |
| 135°   | 386.2 | 399.0  | 411.8 | 444.2 | 479.6 | 519.8 | 567.0 | 624.0 | 685.9 | 749.8  | 809.7  |
| 137.5° | 399.0 | 411.2  | 423.5 | 454.0 | 487.4 | 523.8 | 567.0 | 615.2 | 668.2 | 724.2  | 776.3  |
| 140°   | 410.8 | 422.6  | 434.4 | 463.8 | 495.3 | 528.7 | 566.0 | 608.3 | 653.5 | 699.7  | 743.9  |
| 142.5° | 421.6 | 432.9  | 444.2 | 472.7 | 501.2 | 532.6 | 566.0 | 602.4 | 639.7 | 679.0  | 715.4  |
| 145°   | 431.4 | 442.2  | 453.0 | 478.6 | 505.1 | 533.6 | 564.1 | 595.5 | 627.0 | 660.4  | 689.9  |
| 147.5° | 441.2 | 451.0  | 460.9 | 485.5 | 509.0 | 534.6 | 561.1 | 589.6 | 616.2 | 643.7  | 668.2  |
| 150°   | 450.1 | 459.4  | 468.7 | 490.4 | 512.0 | 534.6 | 558.2 | 582.7 | 606.3 | 628.9  | 648.6  |
| 152.5° | 458.9 | 467.2  | 475.6 | 494.3 | 514.0 | 532.6 | 553.3 | 574.9 | 595.5 | 614.2  | 631.9  |
| 155°   | 466.8 | 474.2  | 481.5 | 498.2 | 514.9 | 530.7 | 548.3 | 567.0 | 584.7 | 600.4  | 615.2  |
| 157.5° | 474.6 | 480.5  | 486.4 | 501.2 | 514.9 | 528.7 | 543.4 | 559.2 | 572.9 | 586.7  | 599.4  |
| 160°   | 480.5 | 485.9  | 491.3 | 503.1 | 514.9 | 525.7 | 537.5 | 550.3 | 562.1 | 572.9  | 583.7  |
| 162.5° | 486.4 | 490.4  | 494.3 | 505.1 | 514.9 | 522.8 | 531.6 | 542.4 | 551.3 | 560.1  | 568.0  |
| 165°   | 490.4 | 493.4  | 496.3 | 505.1 | 513.0 | 518.9 | 525.7 | 533.6 | 541.5 | 547.4  | 554.2  |
| 167.5° | 493.3 | 495.8  | 498.2 | 505.1 | 511.0 | 514.9 | 519.8 | 525.7 | 531.6 | 536.6  | 542.4  |
| 170°   | 496.3 | 497.8  | 499.2 | 504.1 | 509.0 | 511.0 | 514.0 | 517.9 | 522.8 | 525.7  | 529.7  |
| 172.5° | 498.2 | 499.2  | 500.2 | 503.1 | 507.1 | 507.1 | 508.1 | 511.0 | 514.9 | 516.9  | 518.9  |
| 175°   | 500.2 | 500.2  | 500.2 | 502.2 | 505.1 | 504.1 | 504.1 | 506.1 | 508.1 | 509.0  | 511.0  |
| 177.5° | 500.2 | 500.2  | 500.2 | 501.2 | 503.1 | 501.2 | 501.2 | 502.2 | 503.1 | 504.1  | 504.1  |
| 180°   | 500.2 | 500.2  | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2  | 500.2  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 1866.6 | 1872.9 | 1865.0 | 1869.8 | 1858.6 | 1857.0 | 1858.6 | 1858.6 | 1860.2 | 1861.8 | 1863.4 |
| 5°     | 1761.5 | 1760.0 | 1750.4 | 1744.0 | 1739.3 | 1744.0 | 1747.2 | 1750.4 | 1747.2 | 1750.4 | 1752.0 |
| 7.5°   | 1662.9 | 1658.1 | 1653.3 | 1642.2 | 1645.4 | 1642.2 | 1651.7 | 1647.0 | 1647.0 | 1654.9 | 1661.3 |
| 10°    | 1575.4 | 1565.8 | 1562.6 | 1549.9 | 1540.4 | 1538.8 | 1549.9 | 1554.7 | 1559.5 | 1562.6 | 1575.4 |
| 12.5°  | 1462.4 | 1448.1 | 1436.9 | 1441.7 | 1414.6 | 1425.8 | 1429.0 | 1422.6 | 1441.7 | 1464.0 | 1451.2 |
| 15°    | 1341.4 | 1343.0 | 1320.8 | 1312.8 | 1290.5 | 1296.9 | 1298.5 | 1314.4 | 1330.3 | 1328.7 | 1347.8 |
| 17.5°  | 1252.3 | 1242.8 | 1223.7 | 1222.1 | 1212.6 | 1217.3 | 1215.7 | 1228.5 | 1223.7 | 1231.6 | 1247.6 |
| 20°    | 1169.6 | 1163.2 | 1147.3 | 1140.9 | 1144.1 | 1140.9 | 1142.5 | 1144.1 | 1148.9 | 1166.4 | 1163.2 |
| 22.5°  | 1104.3 | 1096.4 | 1096.4 | 1088.4 | 1078.9 | 1075.7 | 1083.7 | 1088.4 | 1094.8 | 1098.0 | 1105.9 |
| 25°    | 1047.1 | 1040.7 | 1032.7 | 1028.0 | 1020.0 | 1021.6 | 1026.4 | 1032.7 | 1037.5 | 1043.9 | 1050.2 |
| 27.5°  | 988.2  | 988.2  | 980.2  | 978.6  | 975.5  | 973.9  | 980.2  | 983.4  | 983.4  | 988.2  | 994.5  |
| 30°    | 942.0  | 942.0  | 934.1  | 932.5  | 930.9  | 930.9  | 935.7  | 937.3  | 938.9  | 943.6  | 946.8  |
| 32.5°  | 897.5  | 895.9  | 892.7  | 894.3  | 892.7  | 894.3  | 894.3  | 895.9  | 899.1  | 900.7  | 907.0  |
| 35°    | 856.1  | 857.7  | 854.5  | 854.5  | 852.9  | 854.5  | 857.7  | 859.3  | 860.9  | 864.1  | 864.1  |
| 37.5°  | 816.3  | 819.5  | 817.9  | 822.7  | 822.7  | 822.7  | 822.7  | 825.9  | 825.9  | 825.9  | 824.3  |
| 40°    | 781.3  | 781.3  | 779.7  | 782.9  | 786.1  | 786.1  | 787.7  | 787.7  | 789.3  | 789.3  | 787.7  |
| 42.5°  | 741.5  | 744.7  | 749.5  | 751.1  | 754.3  | 752.7  | 757.4  | 755.9  | 757.4  | 754.3  | 751.1  |
| 45°    | 704.9  | 704.9  | 711.3  | 717.7  | 719.3  | 719.3  | 719.3  | 722.4  | 719.3  | 714.5  | 712.9  |
| 47.5°  | 665.2  | 668.3  | 671.5  | 679.5  | 681.1  | 681.1  | 681.1  | 681.1  | 677.9  | 677.9  | 677.9  |
| 50°    | 625.4  | 627.0  | 628.6  | 631.7  | 636.5  | 634.9  | 634.9  | 634.9  | 641.3  | 634.9  | 636.5  |
| 52.5°  | 577.6  | 579.2  | 580.8  | 587.2  | 585.6  | 585.6  | 587.2  | 587.2  | 592.0  | 590.4  | 587.2  |
| 55°    | 529.9  | 529.9  | 533.1  | 533.1  | 533.1  | 536.3  | 537.9  | 541.0  | 539.4  | 541.0  | 542.6  |
| 57.5°  | 482.2  | 479.0  | 477.4  | 477.4  | 482.2  | 480.6  | 482.2  | 482.2  | 488.5  | 491.7  | 493.3  |
| 60°    | 426.5  | 426.5  | 424.9  | 415.3  | 415.3  | 413.7  | 418.5  | 421.7  | 424.9  | 439.2  | 437.6  |
| 62.5°  | 369.2  | 362.8  | 356.4  | 358.0  | 348.5  | 353.3  | 350.1  | 353.3  | 362.8  | 374.0  | 375.5  |
| 65°    | 311.9  | 307.1  | 300.8  | 299.2  | 296.0  | 300.8  | 299.2  | 300.8  | 305.5  | 311.9  | 319.8  |
| 67.5°  | 261.0  | 259.4  | 256.2  | 254.6  | 254.6  | 254.6  | 257.8  | 257.8  | 259.4  | 264.2  | 268.9  |
| 70°    | 222.8  | 221.2  | 222.8  | 219.6  | 221.2  | 219.6  | 221.2  | 222.8  | 224.4  | 226.0  | 230.7  |
| 72.5°  | 187.8  | 187.8  | 187.8  | 184.6  | 187.8  | 186.2  | 186.2  | 187.8  | 189.4  | 191.0  | 194.1  |
| 75°    | 149.6  | 146.4  | 143.2  | 140.0  | 138.4  | 141.6  | 143.2  | 141.6  | 146.4  | 152.8  | 152.8  |
| 77.5°  | 113.0  | 111.4  | 111.4  | 111.4  | 113.0  | 111.4  | 114.6  | 113.0  | 114.6  | 114.6  | 117.8  |
| 80°    | 87.5   | 85.9   | 87.5   | 87.5   | 85.9   | 89.1   | 87.5   | 87.5   | 89.1   | 90.7   | 89.1   |
| 82.5°  | 63.7   | 65.2   | 63.7   | 63.7   | 63.7   | 66.8   | 63.7   | 63.7   | 63.7   | 65.2   | 65.2   |
| 85°    | 39.8   | 39.8   | 39.8   | 39.8   | 41.4   | 39.8   | 41.4   | 39.8   | 43.0   | 41.4   | 41.4   |
| 87.5°  | 14.3   | 15.9   | 17.5   | 17.5   | 17.5   | 17.5   | 15.9   | 17.5   | 19.1   | 17.5   | 19.1   |
| 90°    | 19.7   | 19.7   | 20.6   | 21.6   | 20.6   | 20.6   | 20.6   | 21.6   | 20.6   | 19.7   | 19.7   |
| 92.5°  | 127.2  | 115.0  | 100.2  | 93.4   | 89.4   | 89.4   | 89.4   | 93.4   | 100.2  | 115.0  | 127.2  |
| 95°    | 396.5  | 348.9  | 300.7  | 270.2  | 252.6  | 239.8  | 252.6  | 270.2  | 300.7  | 348.9  | 396.5  |
| 97.5°  | 809.8  | 754.7  | 687.9  | 628.9  | 599.4  | 575.9  | 599.4  | 628.9  | 687.9  | 754.7  | 809.8  |
| 100°   | 1120.2 | 1083.9 | 998.4  | 938.5  | 909.0  | 901.1  | 909.0  | 938.5  | 998.4  | 1083.9 | 1120.2 |
| 102.5° | 1314.8 | 1305.0 | 1260.8 | 1221.5 | 1190.0 | 1184.2 | 1190.0 | 1221.5 | 1260.8 | 1305.0 | 1314.8 |
| 105°   | 1388.1 | 1408.2 | 1410.2 | 1402.3 | 1388.6 | 1382.7 | 1388.6 | 1402.3 | 1410.2 | 1408.2 | 1388.1 |
| 107.5° | 1366.0 | 1407.2 | 1450.5 | 1468.1 | 1476.0 | 1477.0 | 1476.0 | 1468.1 | 1450.5 | 1407.2 | 1366.0 |
| 110°   | 1287.4 | 1341.4 | 1411.2 | 1452.4 | 1470.1 | 1479.0 | 1470.1 | 1452.4 | 1411.2 | 1341.4 | 1287.4 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1191.0 | 1245.1 | 1326.6 | 1378.7 | 1405.3 | 1421.0 | 1405.3 | 1378.7 | 1326.6 | 1245.1 | 1191.0 |
| 115°   | 1104.6 | 1151.7 | 1229.4 | 1288.3 | 1319.8 | 1327.6 | 1319.8 | 1288.3 | 1229.4 | 1151.7 | 1104.6 |
| 117.5° | 1036.8 | 1078.0 | 1146.8 | 1197.9 | 1231.3 | 1236.2 | 1231.3 | 1197.9 | 1146.8 | 1078.0 | 1036.8 |
| 120°   | 991.0  | 1025.9 | 1081.9 | 1125.2 | 1150.7 | 1161.5 | 1150.7 | 1125.2 | 1081.9 | 1025.9 | 991.0  |
| 122.5° | 961.1  | 990.6  | 1035.8 | 1071.1 | 1091.8 | 1102.6 | 1091.8 | 1071.1 | 1035.8 | 990.6  | 961.1  |
| 125°   | 940.0  | 967.0  | 1006.3 | 1034.8 | 1053.5 | 1059.3 | 1053.5 | 1034.8 | 1006.3 | 967.0  | 940.0  |
| 127.5° | 919.8  | 945.4  | 984.7  | 1010.2 | 1025.9 | 1031.8 | 1025.9 | 1010.2 | 984.7  | 945.4  | 919.8  |
| 130°   | 895.8  | 921.8  | 962.1  | 986.6  | 1002.4 | 1008.2 | 1002.4 | 986.6  | 962.1  | 921.8  | 895.8  |
| 132.5° | 867.2  | 893.3  | 932.6  | 961.1  | 975.8  | 981.7  | 975.8  | 961.1  | 932.6  | 893.3  | 867.2  |
| 135°   | 834.3  | 858.9  | 898.2  | 925.7  | 941.4  | 947.3  | 941.4  | 925.7  | 898.2  | 858.9  | 834.3  |
| 137.5° | 798.9  | 821.5  | 858.9  | 887.4  | 900.2  | 907.0  | 900.2  | 887.4  | 858.9  | 821.5  | 798.9  |
| 140°   | 764.6  | 785.2  | 819.6  | 841.2  | 854.9  | 862.8  | 854.9  | 841.2  | 819.6  | 785.2  | 764.6  |
| 142.5° | 732.6  | 749.8  | 779.3  | 798.9  | 810.7  | 815.6  | 810.7  | 798.9  | 779.3  | 749.8  | 732.6  |
| 145°   | 703.6  | 717.4  | 741.9  | 758.6  | 768.5  | 773.4  | 768.5  | 758.6  | 741.9  | 717.4  | 703.6  |
| 147.5° | 679.5  | 690.8  | 709.5  | 724.2  | 732.1  | 734.1  | 732.1  | 724.2  | 709.5  | 690.8  | 679.5  |
| 150°   | 657.4  | 666.3  | 682.0  | 694.8  | 700.7  | 701.6  | 700.7  | 694.8  | 682.0  | 666.3  | 657.4  |
| 152.5° | 638.8  | 645.6  | 658.4  | 668.2  | 671.2  | 672.2  | 671.2  | 668.2  | 658.4  | 645.6  | 638.8  |
| 155°   | 621.1  | 627.0  | 636.8  | 644.6  | 647.6  | 647.6  | 647.6  | 644.6  | 636.8  | 627.0  | 621.1  |
| 157.5° | 604.3  | 609.3  | 617.1  | 623.0  | 625.0  | 625.0  | 625.0  | 623.0  | 617.1  | 609.3  | 604.3  |
| 160°   | 587.7  | 591.6  | 597.5  | 603.4  | 604.4  | 604.4  | 604.4  | 603.4  | 597.5  | 591.6  | 587.7  |
| 162.5° | 571.4  | 574.9  | 578.8  | 584.7  | 585.7  | 584.7  | 585.7  | 584.7  | 578.8  | 574.9  | 571.4  |
| 165°   | 556.7  | 559.2  | 563.1  | 567.0  | 566.0  | 565.1  | 566.0  | 567.0  | 563.1  | 559.2  | 556.7  |
| 167.5° | 543.9  | 545.4  | 547.4  | 550.3  | 550.3  | 549.3  | 550.3  | 550.3  | 547.4  | 545.4  | 543.9  |
| 170°   | 531.2  | 532.6  | 534.6  | 535.6  | 534.6  | 534.6  | 534.6  | 535.6  | 534.6  | 532.6  | 531.2  |
| 172.5° | 519.8  | 520.8  | 521.8  | 522.8  | 521.8  | 519.8  | 521.8  | 522.8  | 521.8  | 520.8  | 519.8  |
| 175°   | 511.0  | 511.0  | 511.0  | 513.0  | 511.0  | 509.0  | 511.0  | 513.0  | 511.0  | 511.0  | 511.0  |
| 177.5° | 504.6  | 505.1  | 504.1  | 505.1  | 503.1  | 501.2  | 503.1  | 505.1  | 504.1  | 505.1  | 504.6  |
| 180°   | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  | 500.2  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 1869.8 | 1877.7 | 1874.5 | 1863.4 | 1868.2 | 1877.7 | 1887.3 | 1900.0 | 1907.9 | 1914.3 | 1917.5 |
| 5°     | 1760.0 | 1774.3 | 1771.1 | 1771.1 | 1777.5 | 1793.4 | 1809.3 | 1836.3 | 1845.9 | 1857.0 | 1872.9 |
| 7.5°   | 1662.9 | 1674.0 | 1683.6 | 1686.8 | 1696.3 | 1717.0 | 1737.7 | 1767.9 | 1791.8 | 1804.5 | 1814.1 |
| 10°    | 1577.0 | 1584.9 | 1599.2 | 1607.2 | 1616.7 | 1642.2 | 1672.4 | 1704.3 | 1728.1 | 1750.4 | 1763.1 |
| 12.5°  | 1467.2 | 1499.0 | 1518.1 | 1530.8 | 1543.5 | 1581.7 | 1605.6 | 1640.6 | 1669.2 | 1689.9 | 1709.0 |
| 15°    | 1344.6 | 1382.8 | 1394.0 | 1443.3 | 1475.1 | 1505.3 | 1541.9 | 1583.3 | 1610.4 | 1634.2 | 1659.7 |
| 17.5°  | 1241.2 | 1268.2 | 1281.0 | 1333.5 | 1360.5 | 1408.3 | 1460.8 | 1513.3 | 1554.7 | 1572.2 | 1597.6 |
| 20°    | 1176.0 | 1190.3 | 1215.7 | 1233.2 | 1261.9 | 1317.6 | 1374.9 | 1438.5 | 1500.6 | 1518.1 | 1543.5 |
| 22.5°  | 1109.1 | 1128.2 | 1145.7 | 1169.6 | 1191.9 | 1230.1 | 1287.3 | 1357.4 | 1424.2 | 1456.0 | 1486.3 |
| 25°    | 1048.7 | 1067.7 | 1078.9 | 1104.3 | 1125.0 | 1163.2 | 1203.0 | 1274.6 | 1354.2 | 1381.2 | 1429.0 |
| 27.5°  | 1000.9 | 1012.1 | 1031.1 | 1042.3 | 1066.2 | 1101.2 | 1137.8 | 1191.9 | 1269.8 | 1316.0 | 1362.1 |
| 30°    | 953.2  | 961.1  | 977.0  | 993.0  | 1010.5 | 1034.3 | 1075.7 | 1128.2 | 1199.8 | 1239.6 | 1285.8 |
| 32.5°  | 905.4  | 918.2  | 927.7  | 938.9  | 957.9  | 986.6  | 1015.2 | 1066.2 | 1123.4 | 1168.0 | 1214.1 |
| 35°    | 865.7  | 870.4  | 883.2  | 895.9  | 908.6  | 934.1  | 964.3  | 1013.6 | 1064.6 | 1099.6 | 1140.9 |
| 37.5°  | 822.7  | 830.6  | 840.2  | 845.0  | 865.7  | 881.6  | 913.4  | 951.6  | 1012.1 | 1034.3 | 1075.7 |
| 40°    | 789.3  | 787.7  | 797.2  | 805.2  | 814.7  | 840.2  | 859.3  | 900.7  | 948.4  | 983.4  | 1008.9 |
| 42.5°  | 747.9  | 747.9  | 751.1  | 760.6  | 773.4  | 789.3  | 811.6  | 846.6  | 895.9  | 921.3  | 951.6  |
| 45°    | 714.5  | 709.7  | 711.3  | 717.7  | 725.6  | 741.5  | 763.8  | 794.0  | 843.4  | 864.1  | 895.9  |
| 47.5°  | 674.7  | 669.9  | 669.9  | 676.3  | 682.7  | 693.8  | 711.3  | 746.3  | 786.1  | 813.1  | 837.0  |
| 50°    | 630.1  | 631.7  | 630.1  | 634.9  | 638.1  | 649.2  | 668.3  | 697.0  | 733.6  | 755.9  | 782.9  |
| 52.5°  | 588.8  | 585.6  | 584.0  | 587.2  | 593.5  | 601.5  | 622.2  | 647.6  | 682.7  | 704.9  | 728.8  |
| 55°    | 537.9  | 541.0  | 541.0  | 541.0  | 550.6  | 553.8  | 569.7  | 595.1  | 630.1  | 647.6  | 669.9  |
| 57.5°  | 491.7  | 490.1  | 493.3  | 491.7  | 499.7  | 510.8  | 523.5  | 542.6  | 577.6  | 595.1  | 615.8  |
| 60°    | 440.8  | 442.4  | 444.0  | 444.0  | 450.3  | 461.5  | 475.8  | 493.3  | 521.9  | 539.4  | 558.5  |
| 62.5°  | 378.7  | 386.7  | 394.6  | 397.8  | 407.4  | 415.3  | 424.9  | 444.0  | 469.4  | 482.2  | 499.7  |
| 65°    | 319.8  | 331.0  | 342.1  | 350.1  | 356.4  | 364.4  | 377.1  | 394.6  | 415.3  | 428.1  | 445.6  |
| 67.5°  | 268.9  | 276.9  | 291.2  | 299.2  | 311.9  | 321.4  | 329.4  | 343.7  | 369.2  | 374.0  | 388.3  |
| 70°    | 232.3  | 235.5  | 241.9  | 248.2  | 262.6  | 270.5  | 280.1  | 294.4  | 313.5  | 324.6  | 332.6  |
| 72.5°  | 195.7  | 197.3  | 200.5  | 206.9  | 213.2  | 222.8  | 233.9  | 246.6  | 264.2  | 268.9  | 280.1  |
| 75°    | 155.9  | 165.5  | 165.5  | 170.3  | 175.0  | 179.8  | 189.4  | 202.1  | 213.2  | 221.2  | 227.6  |
| 77.5°  | 116.2  | 120.9  | 124.1  | 132.1  | 138.4  | 143.2  | 149.6  | 159.1  | 165.5  | 171.9  | 176.6  |
| 80°    | 90.7   | 92.3   | 93.9   | 93.9   | 97.1   | 103.4  | 109.8  | 116.2  | 124.1  | 127.3  | 132.1  |
| 82.5°  | 66.8   | 66.8   | 66.8   | 70.0   | 71.6   | 73.2   | 73.2   | 76.4   | 84.3   | 87.5   | 92.3   |
| 85°    | 43.0   | 43.0   | 43.0   | 43.0   | 44.6   | 46.1   | 47.7   | 49.3   | 49.3   | 49.3   | 52.5   |
| 87.5°  | 17.5   | 20.7   | 19.1   | 20.7   | 20.7   | 20.7   | 20.7   | 22.3   | 22.3   | 23.9   | 23.9   |
| 90°    | 19.7   | 18.7   | 17.7   | 16.7   | 17.7   | 15.7   | 13.8   | 13.8   | 7.9    | 7.9    | 7.9    |
| 92.5°  | 139.5  | 176.9  | 236.8  | 320.4  | 385.2  | 337.1  | 244.7  | 149.4  | 88.4   | 75.6   | 62.9   |
| 95°    | 444.2  | 575.9  | 728.2  | 823.5  | 800.9  | 604.4  | 369.5  | 208.3  | 122.8  | 102.2  | 81.6   |
| 97.5°  | 864.8  | 972.9  | 1048.5 | 1032.8 | 856.9  | 578.8  | 337.1  | 198.5  | 130.7  | 113.0  | 95.3   |
| 100°   | 1156.6 | 1204.8 | 1185.1 | 1041.7 | 790.1  | 513.0  | 312.5  | 201.5  | 143.5  | 127.8  | 112.0  |
| 102.5° | 1324.7 | 1295.2 | 1178.3 | 968.0  | 706.6  | 468.7  | 305.6  | 211.3  | 160.2  | 145.4  | 130.7  |
| 105°   | 1367.9 | 1270.6 | 1100.6 | 875.6  | 644.6  | 447.1  | 309.5  | 228.0  | 180.8  | 166.6  | 152.3  |
| 107.5° | 1324.7 | 1189.1 | 1005.3 | 799.9  | 604.4  | 441.2  | 321.3  | 245.7  | 202.4  | 188.2  | 173.9  |
| 110°   | 1233.3 | 1090.8 | 920.8  | 745.9  | 585.7  | 443.2  | 335.1  | 266.3  | 223.1  | 209.8  | 196.5  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1137.0 | 1004.3 | 858.9 | 715.4 | 576.8 | 449.1 | 349.8 | 286.0 | 244.7 | 231.4  | 218.2 |
| 115°   | 1057.4 | 942.4  | 821.5 | 698.7 | 574.9 | 457.0 | 365.6 | 306.6 | 267.3 | 254.0  | 240.8 |
| 117.5° | 995.5  | 902.1  | 799.9 | 689.9 | 573.9 | 464.8 | 381.3 | 326.3 | 288.9 | 275.2  | 261.4 |
| 120°   | 956.2  | 877.5  | 786.2 | 683.0 | 573.9 | 473.7 | 398.0 | 346.9 | 309.5 | 295.8  | 282.0 |
| 122.5° | 931.6  | 861.8  | 774.4 | 675.1 | 572.9 | 482.5 | 413.7 | 366.5 | 329.2 | 316.0  | 302.7 |
| 125°   | 912.9  | 845.1  | 760.6 | 666.3 | 571.9 | 491.3 | 429.4 | 384.2 | 348.9 | 335.1  | 321.3 |
| 127.5° | 894.3  | 826.4  | 744.9 | 654.5 | 570.0 | 498.2 | 443.2 | 400.9 | 366.5 | 352.8  | 339.0 |
| 130°   | 869.7  | 802.9  | 725.2 | 643.7 | 569.0 | 506.1 | 456.0 | 417.6 | 384.2 | 370.0  | 355.7 |
| 132.5° | 841.2  | 776.3  | 704.6 | 633.8 | 568.0 | 513.0 | 468.7 | 431.4 | 398.0 | 384.8  | 371.5 |
| 135°   | 809.7  | 749.8  | 685.9 | 624.0 | 567.0 | 519.8 | 479.6 | 444.2 | 411.8 | 399.0  | 386.2 |
| 137.5° | 776.3  | 724.2  | 668.2 | 615.2 | 567.0 | 523.8 | 487.4 | 454.0 | 423.5 | 411.2  | 399.0 |
| 140°   | 743.9  | 699.7  | 653.5 | 608.3 | 566.0 | 528.7 | 495.3 | 463.8 | 434.4 | 422.6  | 410.8 |
| 142.5° | 715.4  | 679.0  | 639.7 | 602.4 | 566.0 | 532.6 | 501.2 | 472.7 | 444.2 | 432.9  | 421.6 |
| 145°   | 689.9  | 660.4  | 627.0 | 595.5 | 564.1 | 533.6 | 505.1 | 478.6 | 453.0 | 442.2  | 431.4 |
| 147.5° | 668.2  | 643.7  | 616.2 | 589.6 | 561.1 | 534.6 | 509.0 | 485.5 | 460.9 | 451.0  | 441.2 |
| 150°   | 648.6  | 628.9  | 606.3 | 582.7 | 558.2 | 534.6 | 512.0 | 490.4 | 468.7 | 459.4  | 450.1 |
| 152.5° | 631.9  | 614.2  | 595.5 | 574.9 | 553.3 | 532.6 | 514.0 | 494.3 | 475.6 | 467.2  | 458.9 |
| 155°   | 615.2  | 600.4  | 584.7 | 567.0 | 548.3 | 530.7 | 514.9 | 498.2 | 481.5 | 474.2  | 466.8 |
| 157.5° | 599.4  | 586.7  | 572.9 | 559.2 | 543.4 | 528.7 | 514.9 | 501.2 | 486.4 | 480.5  | 474.6 |
| 160°   | 583.7  | 572.9  | 562.1 | 550.3 | 537.5 | 525.7 | 514.9 | 503.1 | 491.3 | 485.9  | 480.5 |
| 162.5° | 568.0  | 560.1  | 551.3 | 542.4 | 531.6 | 522.8 | 514.9 | 505.1 | 494.3 | 490.4  | 486.4 |
| 165°   | 554.2  | 547.4  | 541.5 | 533.6 | 525.7 | 518.9 | 513.0 | 505.1 | 496.3 | 493.4  | 490.4 |
| 167.5° | 542.4  | 536.6  | 531.6 | 525.7 | 519.8 | 514.9 | 511.0 | 505.1 | 498.2 | 495.8  | 493.3 |
| 170°   | 529.7  | 525.7  | 522.8 | 517.9 | 514.0 | 511.0 | 509.0 | 504.1 | 499.2 | 497.8  | 496.3 |
| 172.5° | 518.9  | 516.9  | 514.9 | 511.0 | 508.1 | 507.1 | 507.1 | 503.1 | 500.2 | 499.2  | 498.2 |
| 175°   | 511.0  | 509.0  | 508.1 | 506.1 | 504.1 | 504.1 | 505.1 | 502.2 | 500.2 | 500.2  | 500.2 |
| 177.5° | 504.1  | 504.1  | 503.1 | 502.2 | 501.2 | 501.2 | 503.1 | 501.2 | 500.2 | 500.2  | 500.2 |
| 180°   | 500.2  | 500.2  | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2 | 500.2  | 500.2 |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1974.8 | 1974.8 | 1974.8 | 1974.8 |
| 2.5°   | 1930.2 | 1939.8 | 1955.7 | 1978.0 |
| 5°     | 1885.7 | 1912.7 | 1938.2 | 1971.6 |
| 7.5°   | 1845.9 | 1877.7 | 1912.7 | 1960.5 |
| 10°    | 1799.7 | 1839.5 | 1884.1 | 1942.9 |
| 12.5°  | 1745.6 | 1801.3 | 1852.2 | 1915.9 |
| 15°    | 1705.8 | 1747.2 | 1812.5 | 1887.3 |
| 17.5°  | 1650.2 | 1705.8 | 1771.1 | 1855.4 |
| 20°    | 1597.6 | 1656.5 | 1729.7 | 1817.2 |
| 22.5°  | 1541.9 | 1608.8 | 1682.0 | 1775.9 |
| 25°    | 1484.7 | 1556.3 | 1629.5 | 1729.7 |
| 27.5°  | 1432.1 | 1497.4 | 1580.1 | 1682.0 |
| 30°    | 1368.5 | 1443.3 | 1522.9 | 1629.5 |
| 32.5°  | 1306.4 | 1384.4 | 1465.6 | 1572.2 |
| 35°    | 1239.6 | 1317.6 | 1406.7 | 1508.5 |
| 37.5°  | 1174.4 | 1260.3 | 1341.4 | 1440.1 |
| 40°    | 1102.8 | 1191.9 | 1276.2 | 1376.5 |
| 42.5°  | 1032.7 | 1125.0 | 1209.4 | 1295.3 |
| 45°    | 967.5  | 1058.2 | 1134.6 | 1215.7 |
| 47.5°  | 905.4  | 986.6  | 1064.6 | 1137.8 |
| 50°    | 845.0  | 913.4  | 985.0  | 1045.5 |
| 52.5°  | 781.3  | 846.6  | 903.8  | 957.9  |
| 55°    | 724.0  | 775.0  | 825.9  | 875.2  |
| 57.5°  | 655.6  | 706.5  | 751.1  | 789.3  |
| 60°    | 598.3  | 630.1  | 673.1  | 712.9  |
| 62.5°  | 533.1  | 569.7  | 603.1  | 628.6  |
| 65°    | 469.4  | 501.3  | 526.7  | 549.0  |
| 67.5°  | 415.3  | 434.4  | 453.5  | 477.4  |
| 70°    | 350.1  | 366.0  | 388.3  | 405.8  |
| 72.5°  | 294.4  | 307.1  | 318.3  | 338.9  |
| 75°    | 238.7  | 249.8  | 256.2  | 275.3  |
| 77.5°  | 184.6  | 195.7  | 200.5  | 211.6  |
| 80°    | 141.6  | 143.2  | 149.6  | 159.1  |
| 82.5°  | 97.1   | 100.3  | 101.8  | 109.8  |
| 85°    | 55.7   | 63.7   | 62.1   | 65.2   |
| 87.5°  | 23.9   | 25.5   | 28.6   | 31.8   |
| 90°    | 6.9    | 5.9    | 2.9    | 1.0    |
| 92.5°  | 45.2   | 30.5   | 19.7   | 13.8   |
| 95°    | 58.0   | 45.2   | 35.4   | 32.4   |
| 97.5°  | 74.7   | 62.9   | 54.0   | 54.0   |
| 100°   | 93.4   | 81.6   | 74.7   | 74.7   |
| 102.5° | 113.0  | 102.2  | 96.3   | 94.3   |
| 105°   | 134.6  | 122.8  | 117.9  | 115.0  |
| 107.5° | 157.2  | 144.5  | 139.5  | 137.6  |
| 110°   | 178.9  | 167.1  | 162.1  | 160.2  |

TEST NUMBER: P1026099

CATALOG NUMBER: S124RDIP-B1195D1035UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 200.5 | 189.7 | 183.8 | 181.8 |
| 115°   | 222.1 | 212.3 | 205.4 | 202.4 |
| 117.5° | 243.7 | 232.9 | 227.0 | 224.1 |
| 120°   | 265.3 | 254.5 | 247.6 | 245.7 |
| 122.5° | 284.0 | 274.2 | 267.3 | 265.3 |
| 125°   | 302.7 | 291.9 | 286.0 | 282.0 |
| 127.5° | 319.4 | 307.6 | 300.7 | 297.8 |
| 130°   | 337.1 | 322.3 | 314.5 | 310.5 |
| 132.5° | 350.8 | 337.1 | 326.3 | 323.3 |
| 135°   | 365.6 | 348.9 | 339.0 | 335.1 |
| 137.5° | 377.4 | 361.6 | 350.8 | 346.9 |
| 140°   | 390.1 | 373.4 | 362.6 | 359.7 |
| 142.5° | 401.9 | 386.2 | 376.4 | 373.4 |
| 145°   | 412.7 | 399.0 | 389.1 | 386.2 |
| 147.5° | 425.5 | 410.8 | 401.9 | 400.9 |
| 150°   | 435.3 | 423.5 | 415.7 | 414.7 |
| 152.5° | 446.1 | 435.3 | 427.5 | 427.5 |
| 155°   | 456.0 | 446.1 | 440.2 | 439.3 |
| 157.5° | 464.8 | 457.0 | 451.1 | 451.1 |
| 160°   | 472.7 | 465.8 | 461.9 | 461.9 |
| 162.5° | 479.6 | 473.7 | 470.7 | 471.7 |
| 165°   | 485.5 | 480.5 | 478.6 | 478.6 |
| 167.5° | 490.4 | 486.4 | 485.5 | 486.4 |
| 170°   | 494.3 | 491.3 | 490.4 | 491.3 |
| 172.5° | 497.2 | 495.3 | 495.3 | 496.3 |
| 175°   | 499.2 | 498.2 | 498.2 | 499.2 |
| 177.5° | 500.2 | 499.2 | 500.2 | 501.2 |
| 180°   | 500.2 | 500.2 | 500.2 | 500.2 |

(END OF REPORT)