

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: P1028612

Luminaire Tested: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028612  
REPORT IS A COMBINATION OF REPORTS P1005189 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4  
Description: Define 5 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

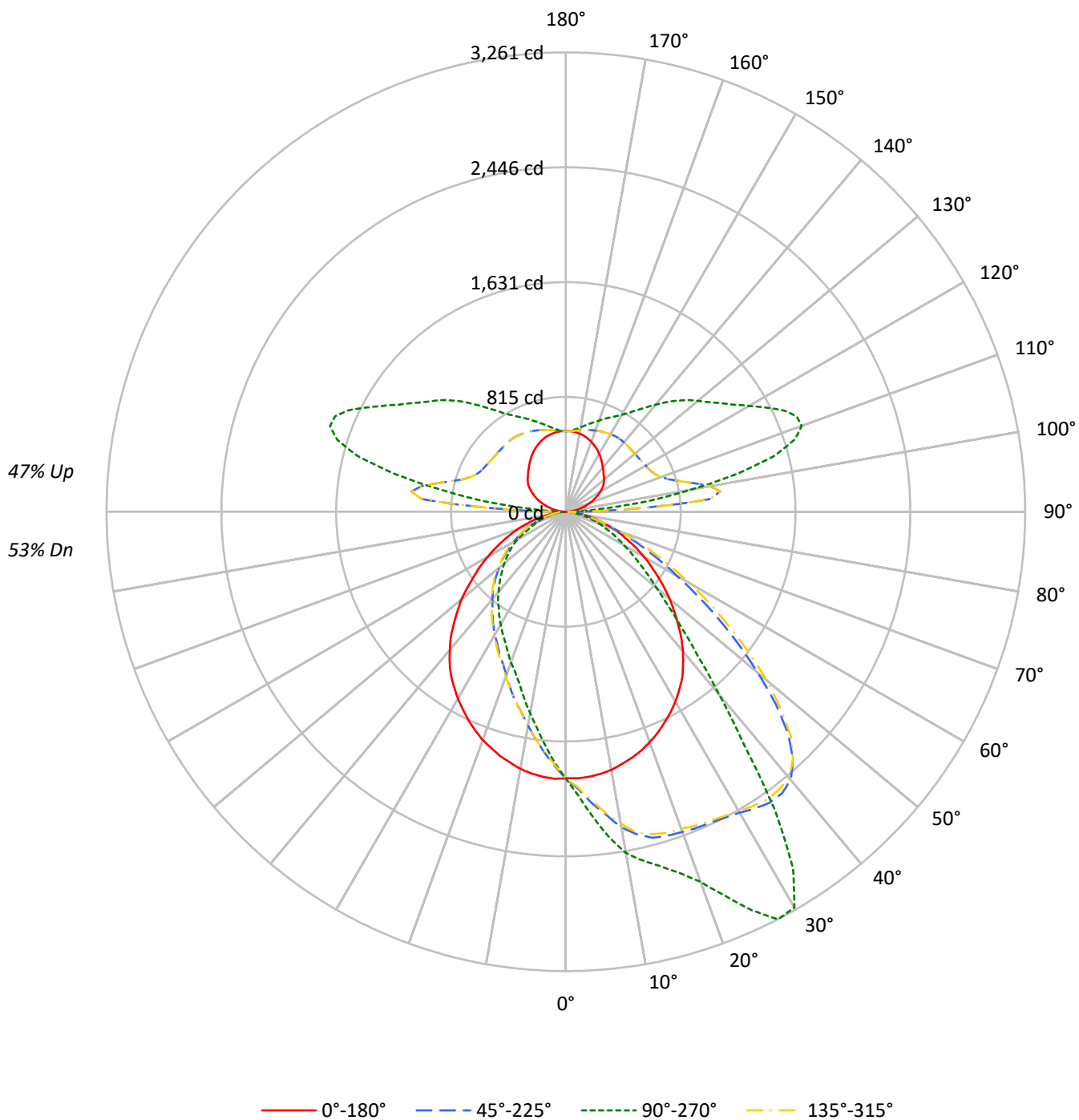
Lumens per Lamp: N/A  
Luminaire Lumens: 9207.0 lumens  
Efficiency: N/A  
Efficacy: 95.6 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 96.3  
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

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CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028612

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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   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 |
| 1   | 99  | 95  | 91  | 88  | 92  | 88  | 85  | 82  | 75 | 73 | 71 | 64 | 62 | 61 | 53 | 52 | 51 |
| 2   | 90  | 83  | 77  | 72  | 84  | 77  | 72  | 68  | 67 | 63 | 59 | 56 | 54 | 51 | 47 | 45 | 43 |
| 3   | 83  | 74  | 66  | 61  | 76  | 69  | 62  | 57  | 59 | 54 | 50 | 50 | 47 | 44 | 42 | 40 | 37 |
| 4   | 76  | 65  | 58  | 52  | 70  | 61  | 54  | 49  | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 |
| 5   | 70  | 58  | 50  | 44  | 65  | 55  | 47  | 42  | 47 | 42 | 37 | 41 | 36 | 33 | 34 | 31 | 29 |
| 6   | 64  | 52  | 44  | 39  | 60  | 49  | 42  | 37  | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 |
| 7   | 60  | 47  | 40  | 34  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 23 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 34  | 29  | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 |
| 9   | 52  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12125 | 12125 | 12125 | 12125 |
| 5°  | 12115 | 13665 | 12115 | 10504 |
| 10° | 12047 | 15357 | 12006 | 9080  |
| 15° | 11917 | 16247 | 11834 | 7906  |
| 20° | 11758 | 17539 | 11653 | 7146  |
| 25° | 11553 | 19852 | 11422 | 6486  |
| 30° | 11343 | 21101 | 11173 | 6013  |
| 35° | 11072 | 17354 | 10916 | 5573  |
| 40° | 10590 | 11785 | 10501 | 5177  |
| 45° | 9958  | 8471  | 9944  | 4787  |
| 50° | 9310  | 6514  | 9354  | 4427  |
| 55° | 8580  | 5297  | 8564  | 4080  |
| 60° | 7901  | 4342  | 7862  | 3623  |
| 65° | 7110  | 3618  | 7154  | 2916  |
| 70° | 6454  | 2904  | 6428  | 2428  |
| 75° | 5452  | 2199  | 5452  | 1996  |
| 80° | 4417  | 1342  | 4369  | 1342  |
| 85° | 3110  | 705   | 3019  | 798   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17260 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 181.5  | 2.0       |
| 10°-20°   | 532.1  | 5.8       |
| 20°-30°   | 843.6  | 9.2       |
| 30°-40°   | 1019.4 | 11.1      |
| 40°-50°   | 907.6  | 9.9       |
| 50°-60°   | 696.0  | 7.6       |
| 60°-70°   | 452.0  | 4.9       |
| 70°-80°   | 219.4  | 2.4       |
| 80°-90°   | 53.9   | 0.6       |
| 90°-100°  | 416.6  | 4.5       |
| 100°-110° | 898.4  | 9.8       |
| 110°-120° | 837.6  | 9.1       |
| 120°-130° | 678.4  | 7.4       |
| 130°-140° | 544.7  | 5.9       |
| 140°-150° | 410.8  | 4.5       |
| 150°-160° | 289.3  | 3.1       |
| 160°-170° | 170.5  | 1.9       |
| 170°-180° | 55.4   | 0.6       |
| 0°-30°    | 1557.1 | 16.9      |
| 0°-40°    | 2576.5 | 28.0      |
| 0°-60°    | 4180.0 | 45.4      |
| 0°-90°    | 4905.3 | 53.3      |
| 90°-120°  | 2152.6 | 23.4      |
| 90°-150°  | 3786.5 | 41.1      |
| 90°-180°  | 4302.0 | 46.7      |
| 0°-180°   | 9207.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1892 | 1892 | 1892 | 1892 | 1892 |      |
| 5°   | 1888 | 2169 | 1888 | 1667 | 1888 | 179  |
| 15°  | 1809 | 2606 | 1796 | 1268 | 1809 | 510  |
| 25°  | 1653 | 3120 | 1634 | 1019 | 1653 | 762  |
| 35°  | 1440 | 2589 | 1420 | 831  | 1440 | 897  |
| 45°  | 1126 | 1158 | 1125 | 654  | 1126 | 869  |
| 55°  | 796  | 636  | 794  | 489  | 796  | 713  |
| 65°  | 494  | 360  | 497  | 291  | 494  | 494  |
| 75°  | 241  | 168  | 241  | 152  | 241  | 258  |
| 85°  | 54   | 36   | 53   | 40   | 54   | 62   |
| 90°  | 1    | 27   | 1    | 27   | 1    | 6    |
| 95°  | 38   | 271  | 38   | 271  | 38   | 40   |
| 105° | 130  | 1530 | 130  | 1530 | 130  | 137  |
| 115° | 233  | 1704 | 233  | 1704 | 233  | 230  |
| 125° | 323  | 1343 | 323  | 1343 | 323  | 287  |
| 135° | 379  | 1115 | 379  | 1115 | 379  | 294  |
| 145° | 441  | 880  | 441  | 880  | 441  | 276  |
| 155° | 503  | 738  | 503  | 738  | 503  | 232  |
| 165° | 550  | 647  | 550  | 647  | 550  | 155  |
| 175° | 572  | 581  | 572  | 581  | 572  | 54   |
| 180° | 573  | 573  | 573  | 573  | 573  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1894.0 | 1909.6 | 1914.2 | 1926.7 | 1940.6 | 1943.7 | 1951.5 | 1962.4 | 1968.6 | 1967.1 | 1967.1 |
| 5°     | 1887.8 | 1914.2 | 1932.9 | 1954.6 | 1981.0 | 1991.9 | 2001.2 | 2024.5 | 2043.2 | 2054.1 | 2072.7 |
| 7.5°   | 1876.9 | 1915.8 | 1946.9 | 1979.5 | 2019.9 | 2038.5 | 2058.7 | 2091.4 | 2125.5 | 2147.3 | 2167.5 |
| 10°    | 1859.8 | 1909.6 | 1953.1 | 2001.2 | 2055.6 | 2083.6 | 2108.4 | 2158.2 | 2200.1 | 2228.1 | 2274.7 |
| 12.5°  | 1835.0 | 1897.1 | 1957.7 | 2021.4 | 2089.8 | 2119.3 | 2153.5 | 2207.9 | 2266.9 | 2307.3 | 2346.2 |
| 15°    | 1808.6 | 1883.1 | 1948.4 | 2024.5 | 2106.9 | 2151.9 | 2195.5 | 2252.9 | 2305.8 | 2350.8 | 2395.9 |
| 17.5°  | 1777.5 | 1856.7 | 1937.5 | 2024.5 | 2117.8 | 2162.8 | 2200.1 | 2268.5 | 2324.4 | 2369.5 | 2409.9 |
| 20°    | 1740.2 | 1828.8 | 1920.4 | 2016.8 | 2111.5 | 2153.5 | 2189.2 | 2263.8 | 2313.5 | 2361.7 | 2419.2 |
| 22.5°  | 1699.8 | 1796.1 | 1894.0 | 1988.8 | 2082.0 | 2127.1 | 2169.0 | 2234.3 | 2288.7 | 2353.9 | 2428.5 |
| 25°    | 1653.2 | 1758.8 | 1858.3 | 1953.1 | 2041.6 | 2083.6 | 2120.9 | 2192.3 | 2268.5 | 2350.8 | 2434.7 |
| 27.5°  | 1606.6 | 1709.1 | 1805.5 | 1892.5 | 1988.8 | 2027.6 | 2064.9 | 2155.1 | 2245.2 | 2332.2 | 2447.2 |
| 30°    | 1555.3 | 1659.4 | 1743.3 | 1824.1 | 1917.3 | 1957.7 | 2004.3 | 2106.9 | 2209.4 | 2327.5 | 2467.4 |
| 32.5°  | 1497.8 | 1592.6 | 1670.3 | 1754.2 | 1838.1 | 1887.8 | 1946.9 | 2058.7 | 2176.8 | 2318.2 | 2496.9 |
| 35°    | 1440.3 | 1516.5 | 1587.9 | 1667.2 | 1768.2 | 1821.0 | 1878.5 | 1996.6 | 2144.2 | 2313.5 | 2521.7 |
| 37.5°  | 1367.3 | 1440.3 | 1496.3 | 1577.1 | 1681.2 | 1743.3 | 1800.8 | 1937.5 | 2105.3 | 2302.7 | 2520.2 |
| 40°    | 1292.7 | 1354.9 | 1407.7 | 1491.6 | 1605.0 | 1662.5 | 1724.7 | 1873.8 | 2064.9 | 2271.6 | 2482.9 |
| 42.5°  | 1211.9 | 1264.8 | 1322.2 | 1403.0 | 1513.4 | 1569.3 | 1640.8 | 1814.8 | 2009.0 | 2228.1 | 2386.6 |
| 45°    | 1126.5 | 1177.7 | 1225.9 | 1309.8 | 1420.1 | 1480.7 | 1558.4 | 1737.1 | 1940.6 | 2136.4 | 2231.2 |
| 47.5°  | 1042.6 | 1087.6 | 1138.9 | 1211.9 | 1323.8 | 1390.6 | 1469.8 | 1661.0 | 1849.0 | 2013.7 | 2021.4 |
| 50°    | 961.8  | 997.5  | 1041.0 | 1115.6 | 1232.1 | 1295.8 | 1378.2 | 1556.9 | 1740.2 | 1853.6 | 1777.5 |
| 52.5°  | 877.9  | 910.5  | 955.6  | 1020.8 | 1129.6 | 1204.2 | 1275.6 | 1454.3 | 1608.1 | 1684.3 | 1544.4 |
| 55°    | 795.5  | 823.5  | 870.1  | 943.1  | 1037.9 | 1095.4 | 1168.4 | 1334.7 | 1469.8 | 1471.4 | 1319.1 |
| 57.5°  | 714.7  | 739.6  | 778.4  | 843.7  | 932.3  | 999.1  | 1065.9 | 1210.4 | 1302.0 | 1275.6 | 1106.3 |
| 60°    | 643.3  | 658.8  | 694.5  | 758.2  | 840.6  | 888.7  | 960.2  | 1081.4 | 1142.0 | 1093.8 | 912.1  |
| 62.5°  | 568.7  | 584.2  | 612.2  | 663.5  | 741.1  | 792.4  | 837.5  | 936.9  | 978.9  | 905.8  | 756.7  |
| 65°    | 494.1  | 512.7  | 532.9  | 573.3  | 646.4  | 680.5  | 720.9  | 794.0  | 834.4  | 748.9  | 619.9  |
| 67.5°  | 428.8  | 438.2  | 458.4  | 500.3  | 551.6  | 582.7  | 610.6  | 660.3  | 668.1  | 599.7  | 494.1  |
| 70°    | 368.2  | 371.3  | 390.0  | 414.9  | 453.7  | 472.3  | 495.6  | 525.2  | 525.2  | 469.2  | 385.3  |
| 72.5°  | 299.9  | 304.5  | 318.5  | 344.9  | 368.2  | 377.6  | 385.3  | 404.0  | 400.9  | 349.6  | 292.1  |
| 75°    | 240.8  | 243.9  | 254.8  | 267.2  | 276.6  | 293.7  | 299.9  | 296.8  | 295.2  | 251.7  | 219.1  |
| 77.5°  | 186.5  | 188.0  | 195.8  | 206.6  | 208.2  | 214.4  | 209.8  | 209.8  | 195.8  | 170.9  | 153.8  |
| 80°    | 136.7  | 138.3  | 141.4  | 144.5  | 144.5  | 144.5  | 144.5  | 136.7  | 127.4  | 111.9  | 107.2  |
| 82.5°  | 91.7   | 91.7   | 93.2   | 96.3   | 94.8   | 91.7   | 88.6   | 80.8   | 74.6   | 69.9   | 66.8   |
| 85°    | 54.4   | 54.4   | 55.9   | 54.4   | 48.2   | 46.6   | 43.5   | 42.0   | 40.4   | 38.8   | 38.8   |
| 87.5°  | 26.4   | 24.9   | 21.8   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 17.1   | 17.1   |
| 90°    | 1.2    | 2.3    | 4.6    | 6.9    | 9.2    | 10.4   | 11.5   | 12.7   | 15.0   | 16.2   | 18.5   |
| 92.5°  | 17.3   | 20.8   | 32.3   | 49.7   | 73.9   | 94.7   | 115.5  | 194.0  | 325.6  | 468.8  | 460.7  |
| 95°    | 38.1   | 39.3   | 48.5   | 61.2   | 86.6   | 112.6  | 138.6  | 262.1  | 516.1  | 834.8  | 1023.1 |
| 97.5°  | 58.9   | 60.0   | 67.0   | 79.7   | 102.8  | 121.8  | 140.9  | 226.3  | 421.5  | 765.6  | 1105.0 |
| 100°   | 80.8   | 83.1   | 87.8   | 100.5  | 122.4  | 139.7  | 157.0  | 224.0  | 374.1  | 665.1  | 1042.7 |
| 102.5° | 105.1  | 106.2  | 109.7  | 123.6  | 143.2  | 160.0  | 176.7  | 234.4  | 354.5  | 588.9  | 933.0  |
| 105°   | 130.5  | 130.5  | 136.3  | 147.8  | 166.3  | 182.4  | 198.6  | 249.4  | 352.2  | 545.0  | 837.1  |
| 107.5° | 154.7  | 157.0  | 162.8  | 172.0  | 191.7  | 206.1  | 220.5  | 270.2  | 360.3  | 521.9  | 765.6  |
| 110°   | 181.3  | 183.6  | 188.2  | 198.6  | 215.9  | 230.9  | 245.9  | 293.3  | 373.0  | 512.7  | 718.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 207.8 | 210.2 | 213.6 | 224.0 | 241.3 | 255.8 | 270.2 | 315.2 | 389.1 | 512.7 | 690.5 |
| 115°   | 233.2 | 235.6 | 239.0 | 249.4 | 266.7 | 281.2 | 295.6 | 338.3 | 405.3 | 516.1 | 672.0 |
| 117.5° | 256.3 | 259.8 | 263.3 | 273.7 | 293.3 | 307.2 | 321.0 | 361.4 | 423.8 | 521.9 | 661.6 |
| 120°   | 279.4 | 282.9 | 287.5 | 297.9 | 317.5 | 332.0 | 346.4 | 386.8 | 442.2 | 531.2 | 654.7 |
| 122.5° | 303.7 | 306.0 | 309.5 | 319.8 | 341.8 | 356.2 | 370.7 | 411.1 | 463.0 | 539.2 | 648.9 |
| 125°   | 323.3 | 325.6 | 331.4 | 341.8 | 363.7 | 378.7 | 393.7 | 431.9 | 481.5 | 548.5 | 644.3 |
| 127.5° | 339.5 | 342.9 | 349.9 | 362.6 | 385.7 | 400.7 | 415.7 | 452.6 | 498.8 | 558.9 | 642.0 |
| 130°   | 354.5 | 358.0 | 367.2 | 382.2 | 406.4 | 421.4 | 436.5 | 472.3 | 516.1 | 568.1 | 639.7 |
| 132.5° | 366.0 | 370.7 | 382.2 | 399.5 | 424.9 | 439.9 | 454.9 | 490.7 | 531.2 | 578.5 | 639.7 |
| 135°   | 378.7 | 383.4 | 397.2 | 415.7 | 439.9 | 455.5 | 471.1 | 506.9 | 545.0 | 587.7 | 639.7 |
| 137.5° | 394.9 | 398.4 | 411.1 | 429.5 | 453.8 | 470.0 | 486.1 | 518.5 | 555.4 | 597.0 | 640.9 |
| 140°   | 408.8 | 412.2 | 426.1 | 444.6 | 466.5 | 482.1 | 497.7 | 531.2 | 565.8 | 602.7 | 642.0 |
| 142.5° | 424.9 | 427.2 | 439.9 | 458.4 | 479.2 | 493.6 | 508.1 | 539.2 | 571.6 | 606.2 | 643.2 |
| 145°   | 441.1 | 443.4 | 454.9 | 471.1 | 491.9 | 505.2 | 518.5 | 548.5 | 577.3 | 608.5 | 642.0 |
| 147.5° | 458.4 | 459.6 | 470.0 | 485.0 | 503.4 | 515.6 | 527.7 | 554.2 | 580.8 | 609.7 | 639.7 |
| 150°   | 473.4 | 475.7 | 483.8 | 498.8 | 515.0 | 524.8 | 534.6 | 560.0 | 584.3 | 609.7 | 636.2 |
| 152.5° | 489.6 | 490.7 | 497.7 | 510.4 | 525.4 | 534.0 | 542.7 | 565.8 | 586.6 | 608.5 | 631.6 |
| 155°   | 503.4 | 503.4 | 510.4 | 521.9 | 533.5 | 541.6 | 549.6 | 569.3 | 587.7 | 606.2 | 625.8 |
| 157.5° | 516.1 | 516.1 | 521.9 | 532.3 | 542.7 | 549.0 | 555.4 | 572.7 | 588.9 | 603.9 | 620.1 |
| 160°   | 528.8 | 527.7 | 532.3 | 540.4 | 549.6 | 554.8 | 560.0 | 575.0 | 588.9 | 600.4 | 614.3 |
| 162.5° | 539.2 | 538.1 | 542.7 | 549.6 | 556.6 | 560.6 | 564.6 | 577.3 | 587.7 | 597.0 | 607.4 |
| 165°   | 549.6 | 547.3 | 550.8 | 556.6 | 561.2 | 564.7 | 568.1 | 577.3 | 586.6 | 593.5 | 600.4 |
| 167.5° | 556.6 | 555.4 | 557.7 | 561.2 | 564.6 | 567.0 | 569.3 | 577.3 | 584.3 | 587.7 | 593.5 |
| 170°   | 563.5 | 562.3 | 563.5 | 565.8 | 568.1 | 569.8 | 571.6 | 577.3 | 582.0 | 584.3 | 587.7 |
| 172.5° | 568.1 | 565.8 | 567.0 | 569.3 | 570.4 | 571.0 | 571.6 | 576.2 | 579.7 | 579.7 | 580.8 |
| 175°   | 571.6 | 569.3 | 570.4 | 571.6 | 571.6 | 571.6 | 571.6 | 575.0 | 577.3 | 576.2 | 576.2 |
| 177.5° | 573.9 | 571.6 | 571.6 | 572.7 | 571.6 | 571.6 | 571.6 | 573.9 | 575.0 | 572.7 | 572.7 |
| 180°   | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1974.8 | 1985.7 | 1995.0 | 1990.4 | 2009.0 | 2007.4 | 2010.6 | 2016.8 | 2018.3 | 2015.2 | 2009.0 |
| 5°     | 2082.0 | 2097.6 | 2124.0 | 2138.0 | 2134.9 | 2147.3 | 2153.5 | 2162.8 | 2172.1 | 2169.0 | 2169.0 |
| 7.5°   | 2201.7 | 2223.4 | 2249.8 | 2285.6 | 2290.2 | 2301.1 | 2319.8 | 2319.8 | 2330.6 | 2326.0 | 2324.4 |
| 10°    | 2305.8 | 2332.2 | 2374.1 | 2402.1 | 2414.5 | 2420.7 | 2439.4 | 2445.6 | 2458.0 | 2459.6 | 2459.6 |
| 12.5°  | 2391.2 | 2437.8 | 2465.8 | 2493.8 | 2500.0 | 2509.3 | 2523.3 | 2532.6 | 2537.3 | 2537.3 | 2532.6 |
| 15°    | 2436.3 | 2473.6 | 2506.2 | 2535.7 | 2552.8 | 2560.6 | 2574.6 | 2585.4 | 2591.7 | 2605.6 | 2608.7 |
| 17.5°  | 2454.9 | 2500.0 | 2552.8 | 2594.8 | 2624.3 | 2632.1 | 2660.0 | 2669.3 | 2681.8 | 2688.0 | 2695.8 |
| 20°    | 2481.3 | 2546.6 | 2610.3 | 2661.6 | 2689.5 | 2709.7 | 2739.3 | 2782.8 | 2795.2 | 2795.2 | 2790.5 |
| 22.5°  | 2504.6 | 2588.6 | 2675.6 | 2757.9 | 2781.2 | 2821.6 | 2876.0 | 2922.6 | 2941.3 | 2949.0 | 2942.8 |
| 25°    | 2532.6 | 2647.6 | 2761.0 | 2863.6 | 2927.3 | 2956.8 | 3029.8 | 3085.8 | 3107.5 | 3119.9 | 3123.0 |
| 27.5°  | 2580.8 | 2725.3 | 2869.8 | 3000.3 | 3065.6 | 3099.7 | 3175.9 | 3224.0 | 3250.4 | 3261.3 | 3253.6 |
| 30°    | 2635.2 | 2812.3 | 2980.1 | 3096.6 | 3140.1 | 3182.1 | 3231.8 | 3250.4 | 3244.2 | 3244.2 | 3267.5 |
| 32.5°  | 2691.1 | 2874.4 | 3023.6 | 3099.7 | 3115.3 | 3109.1 | 3088.9 | 3032.9 | 3000.3 | 3000.3 | 3020.5 |
| 35°    | 2722.2 | 2880.7 | 2956.8 | 2931.9 | 2871.3 | 2835.6 | 2725.3 | 2663.1 | 2593.2 | 2588.6 | 2611.9 |
| 37.5°  | 2705.1 | 2773.4 | 2742.4 | 2579.2 | 2496.9 | 2428.5 | 2256.0 | 2187.7 | 2136.4 | 2064.9 | 2175.3 |
| 40°    | 2585.4 | 2562.1 | 2400.5 | 2165.9 | 2074.3 | 1977.9 | 1841.2 | 1772.8 | 1701.4 | 1690.5 | 1716.9 |
| 42.5°  | 2383.5 | 2245.2 | 2009.0 | 1782.2 | 1688.9 | 1620.6 | 1516.5 | 1449.7 | 1404.6 | 1385.9 | 1417.0 |
| 45°    | 2131.7 | 1914.2 | 1678.1 | 1497.8 | 1395.3 | 1359.5 | 1264.8 | 1205.7 | 1171.5 | 1157.5 | 1179.3 |
| 47.5°  | 1824.1 | 1605.0 | 1381.3 | 1229.0 | 1168.4 | 1132.7 | 1069.0 | 1017.7 | 988.2  | 978.9  | 988.2  |
| 50°    | 1549.1 | 1323.8 | 1135.8 | 1037.9 | 983.5  | 954.0  | 901.2  | 868.5  | 845.2  | 839.0  | 854.6  |
| 52.5°  | 1311.4 | 1106.3 | 963.3  | 876.3  | 840.6  | 815.7  | 778.4  | 750.5  | 736.5  | 730.3  | 741.1  |
| 55°    | 1098.5 | 932.3  | 817.3  | 742.7  | 716.3  | 700.7  | 668.1  | 652.6  | 637.0  | 635.5  | 646.4  |
| 57.5°  | 910.5  | 795.5  | 689.9  | 637.0  | 629.3  | 606.0  | 578.0  | 564.0  | 556.2  | 554.7  | 559.4  |
| 60°    | 758.2  | 655.7  | 592.0  | 545.4  | 534.5  | 515.8  | 500.3  | 491.0  | 481.7  | 478.6  | 481.7  |
| 62.5°  | 630.8  | 550.0  | 498.8  | 467.7  | 452.1  | 447.5  | 430.4  | 419.5  | 418.0  | 418.0  | 421.1  |
| 65°    | 520.5  | 452.1  | 419.5  | 394.7  | 383.8  | 379.1  | 366.7  | 358.9  | 360.5  | 360.5  | 362.0  |
| 67.5°  | 424.2  | 374.5  | 344.9  | 332.5  | 323.2  | 321.6  | 309.2  | 306.1  | 303.0  | 303.0  | 306.1  |
| 70°    | 337.2  | 306.1  | 284.3  | 278.1  | 276.6  | 265.7  | 261.0  | 259.5  | 254.8  | 256.4  | 256.4  |
| 72.5°  | 264.1  | 243.9  | 231.5  | 222.2  | 223.7  | 217.5  | 211.3  | 211.3  | 208.2  | 212.9  | 212.9  |
| 75°    | 195.8  | 186.5  | 177.1  | 174.0  | 177.1  | 174.0  | 169.4  | 167.8  | 169.4  | 167.8  | 167.8  |
| 77.5°  | 144.5  | 139.8  | 136.7  | 135.2  | 135.2  | 129.0  | 125.9  | 129.0  | 122.7  | 125.9  | 125.9  |
| 80°    | 101.0  | 94.8   | 93.2   | 90.1   | 91.7   | 87.0   | 88.6   | 85.5   | 85.5   | 85.5   | 85.5   |
| 82.5°  | 63.7   | 62.2   | 62.2   | 62.2   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 60.6   | 59.0   |
| 85°    | 38.8   | 37.3   | 37.3   | 37.3   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   |
| 87.5°  | 15.5   | 17.1   | 17.1   | 18.6   | 17.1   | 15.5   | 15.5   | 15.5   | 17.1   | 17.1   | 15.5   |
| 90°    | 19.6   | 20.8   | 21.9   | 23.1   | 24.2   | 25.4   | 25.4   | 25.4   | 26.6   | 26.6   | 26.6   |
| 92.5°  | 371.8  | 250.6  | 180.1  | 133.9  | 123.0  | 112.0  | 93.5   | 90.1   | 87.8   | 85.4   | 87.8   |
| 95°    | 1001.1 | 830.2  | 654.7  | 512.7  | 464.2  | 415.7  | 333.7  | 299.1  | 289.8  | 271.4  | 289.8  |
| 97.5°  | 1250.5 | 1190.5 | 1050.8 | 907.6  | 838.3  | 769.0  | 699.7  | 639.7  | 608.5  | 594.7  | 608.5  |
| 100°   | 1331.4 | 1420.3 | 1363.7 | 1244.8 | 1184.8 | 1124.7 | 1045.0 | 961.9  | 919.1  | 900.7  | 919.1  |
| 102.5° | 1282.9 | 1497.6 | 1555.4 | 1513.8 | 1478.0 | 1442.2 | 1355.6 | 1302.5 | 1255.1 | 1242.4 | 1255.1 |
| 105°   | 1168.5 | 1445.7 | 1603.9 | 1654.7 | 1648.4 | 1642.0 | 1605.0 | 1566.9 | 1543.8 | 1530.0 | 1543.8 |
| 107.5° | 1060.0 | 1339.4 | 1548.4 | 1670.8 | 1696.2 | 1721.6 | 1732.0 | 1726.3 | 1714.7 | 1703.2 | 1714.7 |
| 110°   | 969.9  | 1219.3 | 1438.7 | 1601.6 | 1650.6 | 1699.7 | 1751.7 | 1773.6 | 1781.7 | 1781.7 | 1781.7 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 903.0 | 1124.7 | 1330.2 | 1495.3 | 1555.4 | 1615.4 | 1697.4 | 1739.0 | 1762.1 | 1772.4 | 1762.1 |
| 115°   | 857.9 | 1048.5 | 1227.4 | 1385.6 | 1448.6 | 1511.5 | 1601.6 | 1657.0 | 1689.3 | 1704.3 | 1689.3 |
| 117.5° | 827.9 | 995.3  | 1153.5 | 1292.1 | 1351.6 | 1411.0 | 1502.2 | 1560.0 | 1592.3 | 1601.6 | 1592.3 |
| 120°   | 803.7 | 953.8  | 1092.3 | 1219.3 | 1270.2 | 1321.0 | 1406.4 | 1461.8 | 1493.0 | 1502.2 | 1493.0 |
| 122.5° | 782.9 | 922.6  | 1048.5 | 1158.2 | 1205.0 | 1251.7 | 1325.6 | 1375.2 | 1406.4 | 1414.5 | 1406.4 |
| 125°   | 764.4 | 892.6  | 1010.4 | 1110.8 | 1152.4 | 1193.9 | 1258.6 | 1306.0 | 1331.4 | 1342.9 | 1331.4 |
| 127.5° | 747.1 | 861.4  | 973.4  | 1068.1 | 1107.4 | 1146.6 | 1205.5 | 1248.2 | 1272.5 | 1277.1 | 1272.5 |
| 130°   | 729.8 | 832.5  | 934.1  | 1024.2 | 1061.8 | 1099.3 | 1157.0 | 1195.1 | 1218.2 | 1225.1 | 1218.2 |
| 132.5° | 715.9 | 803.7  | 897.2  | 976.9  | 1012.7 | 1048.5 | 1106.2 | 1144.3 | 1165.1 | 1173.2 | 1165.1 |
| 135°   | 705.5 | 779.4  | 859.1  | 933.0  | 965.9  | 998.8  | 1049.6 | 1087.7 | 1108.5 | 1115.4 | 1108.5 |
| 137.5° | 695.1 | 757.5  | 824.4  | 888.0  | 916.8  | 945.7  | 991.9  | 1027.7 | 1047.3 | 1055.4 | 1047.3 |
| 140°   | 688.2 | 740.2  | 794.4  | 847.5  | 871.8  | 896.0  | 938.8  | 968.8  | 986.1  | 991.9  | 986.1  |
| 142.5° | 682.4 | 725.1  | 769.0  | 812.9  | 833.1  | 853.3  | 888.0  | 912.2  | 928.4  | 933.0  | 928.4  |
| 145°   | 676.6 | 712.4  | 748.2  | 784.0  | 799.6  | 815.2  | 842.9  | 862.6  | 875.3  | 879.9  | 875.3  |
| 147.5° | 670.9 | 699.7  | 729.8  | 758.6  | 770.8  | 782.9  | 806.0  | 822.1  | 830.2  | 832.5  | 830.2  |
| 150°   | 663.9 | 689.3  | 714.8  | 736.7  | 747.1  | 757.5  | 774.8  | 788.7  | 793.3  | 794.4  | 793.3  |
| 152.5° | 655.9 | 677.8  | 699.7  | 719.4  | 726.9  | 734.4  | 748.2  | 758.6  | 763.2  | 764.4  | 763.2  |
| 155°   | 646.6 | 666.3  | 684.7  | 700.9  | 707.2  | 713.6  | 725.1  | 733.2  | 736.7  | 737.8  | 736.7  |
| 157.5° | 638.5 | 654.7  | 670.9  | 683.6  | 688.8  | 694.0  | 703.2  | 710.1  | 713.6  | 713.6  | 713.6  |
| 160°   | 628.1 | 643.2  | 654.7  | 666.3  | 670.3  | 674.3  | 682.4  | 688.2  | 690.5  | 689.3  | 690.5  |
| 162.5° | 618.9 | 630.5  | 640.9  | 650.1  | 653.6  | 657.0  | 662.8  | 667.4  | 667.4  | 667.4  | 667.4  |
| 165°   | 609.7 | 618.9  | 627.0  | 633.9  | 636.8  | 639.7  | 644.3  | 646.6  | 646.6  | 646.6  | 646.6  |
| 167.5° | 600.4 | 607.4  | 613.1  | 618.9  | 621.2  | 623.5  | 625.8  | 628.1  | 627.0  | 627.0  | 627.0  |
| 170°   | 592.4 | 598.1  | 601.6  | 605.1  | 606.2  | 607.4  | 609.7  | 610.8  | 610.8  | 609.7  | 610.8  |
| 172.5° | 584.3 | 587.7  | 591.2  | 593.5  | 594.1  | 594.7  | 594.7  | 597.0  | 594.7  | 593.5  | 594.7  |
| 175°   | 577.3 | 580.8  | 580.8  | 583.1  | 583.1  | 583.1  | 583.1  | 584.3  | 582.0  | 580.8  | 582.0  |
| 177.5° | 573.9 | 575.0  | 576.2  | 576.2  | 576.2  | 576.2  | 575.0  | 576.2  | 572.7  | 572.7  | 572.7  |
| 180°   | 572.7 | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 2016.8 | 2005.9 | 2010.6 | 2005.9 | 2001.2 | 1996.6 | 1985.7 | 1970.2 | 1957.7 | 1948.4 | 1946.9 |
| 5°     | 2172.1 | 2158.2 | 2148.8 | 2144.2 | 2134.9 | 2122.4 | 2102.2 | 2078.9 | 2051.0 | 2040.1 | 2018.3 |
| 7.5°   | 2315.1 | 2310.4 | 2288.7 | 2285.6 | 2279.4 | 2256.0 | 2221.9 | 2190.8 | 2155.1 | 2125.5 | 2097.6 |
| 10°    | 2450.3 | 2439.4 | 2423.9 | 2402.1 | 2399.0 | 2369.5 | 2336.8 | 2293.3 | 2246.7 | 2218.8 | 2169.0 |
| 12.5°  | 2534.2 | 2521.7 | 2504.6 | 2490.7 | 2482.9 | 2464.3 | 2419.2 | 2375.7 | 2333.7 | 2282.5 | 2239.0 |
| 15°    | 2594.8 | 2579.2 | 2548.2 | 2537.3 | 2528.0 | 2503.1 | 2470.5 | 2425.4 | 2369.5 | 2333.7 | 2271.6 |
| 17.5°  | 2677.1 | 2658.5 | 2627.4 | 2607.2 | 2590.1 | 2551.3 | 2504.6 | 2444.1 | 2391.2 | 2350.8 | 2294.9 |
| 20°    | 2771.9 | 2743.9 | 2703.5 | 2677.1 | 2652.3 | 2607.2 | 2541.9 | 2470.5 | 2394.3 | 2344.6 | 2287.1 |
| 22.5°  | 2928.8 | 2876.0 | 2812.3 | 2775.0 | 2740.8 | 2663.1 | 2585.4 | 2496.9 | 2411.4 | 2336.8 | 2266.9 |
| 25°    | 3081.1 | 3028.3 | 2949.0 | 2897.7 | 2844.9 | 2754.8 | 2652.3 | 2529.5 | 2420.7 | 2333.7 | 2242.1 |
| 27.5°  | 3222.5 | 3168.1 | 3095.1 | 3032.9 | 2981.7 | 2846.5 | 2711.3 | 2573.0 | 2434.7 | 2315.1 | 2221.9 |
| 30°    | 3255.1 | 3231.8 | 3175.9 | 3121.5 | 3074.9 | 2950.6 | 2793.6 | 2618.1 | 2451.8 | 2298.0 | 2193.9 |
| 32.5°  | 3057.8 | 3115.3 | 3129.3 | 3121.5 | 3092.0 | 3003.4 | 2858.9 | 2674.0 | 2476.7 | 2290.2 | 2147.3 |
| 35°    | 2647.6 | 2751.7 | 2858.9 | 2916.4 | 2944.4 | 2956.8 | 2871.3 | 2702.0 | 2493.8 | 2277.8 | 2116.2 |
| 37.5°  | 2195.5 | 2296.4 | 2465.8 | 2551.3 | 2646.0 | 2770.3 | 2804.5 | 2695.8 | 2486.0 | 2268.5 | 2066.5 |
| 40°    | 1803.9 | 1932.9 | 2072.7 | 2150.4 | 2232.7 | 2456.5 | 2625.8 | 2613.4 | 2461.1 | 2234.3 | 2027.6 |
| 42.5°  | 1468.3 | 1549.1 | 1671.8 | 1757.3 | 1858.3 | 2108.4 | 2335.3 | 2447.2 | 2386.6 | 2192.3 | 1977.9 |
| 45°    | 1224.4 | 1286.5 | 1373.5 | 1460.5 | 1522.7 | 1749.5 | 2018.3 | 2201.7 | 2259.2 | 2117.8 | 1901.8 |
| 47.5°  | 1031.7 | 1078.3 | 1154.4 | 1208.8 | 1275.6 | 1454.3 | 1687.4 | 1945.3 | 2066.5 | 2012.1 | 1821.0 |
| 50°    | 884.1  | 921.4  | 982.0  | 1016.2 | 1075.2 | 1229.0 | 1406.1 | 1676.5 | 1859.8 | 1866.1 | 1713.8 |
| 52.5°  | 755.1  | 792.4  | 843.7  | 873.2  | 908.9  | 1013.0 | 1191.7 | 1420.1 | 1631.4 | 1709.1 | 1591.0 |
| 55°    | 657.2  | 679.0  | 720.9  | 744.2  | 776.9  | 877.9  | 991.3  | 1185.5 | 1406.1 | 1533.6 | 1459.0 |
| 57.5°  | 567.1  | 590.4  | 616.8  | 635.5  | 658.8  | 739.6  | 842.1  | 988.2  | 1207.3 | 1345.5 | 1320.7 |
| 60°    | 494.1  | 508.1  | 532.9  | 546.9  | 568.7  | 621.5  | 693.0  | 839.0  | 1013.0 | 1143.6 | 1157.5 |
| 62.5°  | 425.7  | 438.2  | 455.2  | 467.7  | 481.7  | 523.6  | 576.4  | 680.5  | 832.8  | 974.2  | 992.8  |
| 65°    | 366.7  | 377.6  | 386.9  | 397.8  | 408.6  | 435.1  | 480.1  | 560.9  | 679.0  | 811.1  | 851.5  |
| 67.5°  | 313.9  | 317.0  | 330.9  | 332.5  | 338.7  | 358.9  | 391.5  | 456.8  | 542.3  | 647.9  | 700.7  |
| 70°    | 262.6  | 268.8  | 271.9  | 276.6  | 282.8  | 296.8  | 323.2  | 357.4  | 421.1  | 506.5  | 556.2  |
| 72.5°  | 212.9  | 214.4  | 219.1  | 222.2  | 228.4  | 239.3  | 251.7  | 278.1  | 318.5  | 380.7  | 425.7  |
| 75°    | 169.4  | 170.9  | 174.0  | 175.6  | 180.2  | 183.3  | 189.6  | 208.2  | 236.2  | 273.5  | 306.1  |
| 77.5°  | 127.4  | 130.5  | 133.6  | 133.6  | 135.2  | 138.3  | 141.4  | 147.6  | 161.6  | 186.5  | 214.4  |
| 80°    | 87.0   | 88.6   | 88.6   | 90.1   | 88.6   | 93.2   | 97.9   | 105.7  | 111.9  | 119.6  | 133.6  |
| 82.5°  | 60.6   | 60.6   | 60.6   | 62.2   | 62.2   | 63.7   | 63.7   | 65.3   | 66.8   | 71.5   | 77.7   |
| 85°    | 37.3   | 37.3   | 38.8   | 35.7   | 37.3   | 38.8   | 38.8   | 37.3   | 38.8   | 40.4   | 42.0   |
| 87.5°  | 15.5   | 15.5   | 17.1   | 17.1   | 17.1   | 17.1   | 15.5   | 17.1   | 15.5   | 17.1   | 17.1   |
| 90°    | 25.4   | 25.4   | 25.4   | 24.2   | 23.1   | 21.9   | 20.8   | 19.6   | 18.5   | 16.2   | 15.0   |
| 92.5°  | 90.1   | 93.5   | 112.0  | 123.0  | 133.9  | 180.1  | 250.6  | 371.8  | 460.7  | 468.8  | 325.6  |
| 95°    | 299.1  | 333.7  | 415.7  | 464.2  | 512.7  | 654.7  | 830.2  | 1001.1 | 1023.1 | 834.8  | 516.1  |
| 97.5°  | 639.7  | 699.7  | 769.0  | 838.3  | 907.6  | 1050.8 | 1190.5 | 1250.5 | 1105.0 | 765.6  | 421.5  |
| 100°   | 961.9  | 1045.0 | 1124.7 | 1184.8 | 1244.8 | 1363.7 | 1420.3 | 1331.4 | 1042.7 | 665.1  | 374.1  |
| 102.5° | 1302.5 | 1355.6 | 1442.2 | 1478.0 | 1513.8 | 1555.4 | 1497.6 | 1282.9 | 933.0  | 588.9  | 354.5  |
| 105°   | 1566.9 | 1605.0 | 1642.0 | 1648.4 | 1654.7 | 1603.9 | 1445.7 | 1168.5 | 837.1  | 545.0  | 352.2  |
| 107.5° | 1726.3 | 1732.0 | 1721.6 | 1696.2 | 1670.8 | 1548.4 | 1339.4 | 1060.0 | 765.6  | 521.9  | 360.3  |
| 110°   | 1773.6 | 1751.7 | 1699.7 | 1650.6 | 1601.6 | 1438.7 | 1219.3 | 969.9  | 718.2  | 512.7  | 373.0  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1739.0 | 1697.4 | 1615.4 | 1555.4 | 1495.3 | 1330.2 | 1124.7 | 903.0 | 690.5 | 512.7 | 389.1 |
| 115°   | 1657.0 | 1601.6 | 1511.5 | 1448.6 | 1385.6 | 1227.4 | 1048.5 | 857.9 | 672.0 | 516.1 | 405.3 |
| 117.5° | 1560.0 | 1502.2 | 1411.0 | 1351.6 | 1292.1 | 1153.5 | 995.3  | 827.9 | 661.6 | 521.9 | 423.8 |
| 120°   | 1461.8 | 1406.4 | 1321.0 | 1270.2 | 1219.3 | 1092.3 | 953.8  | 803.7 | 654.7 | 531.2 | 442.2 |
| 122.5° | 1375.2 | 1325.6 | 1251.7 | 1205.0 | 1158.2 | 1048.5 | 922.6  | 782.9 | 648.9 | 539.2 | 463.0 |
| 125°   | 1306.0 | 1258.6 | 1193.9 | 1152.4 | 1110.8 | 1010.4 | 892.6  | 764.4 | 644.3 | 548.5 | 481.5 |
| 127.5° | 1248.2 | 1205.5 | 1146.6 | 1107.4 | 1068.1 | 973.4  | 861.4  | 747.1 | 642.0 | 558.9 | 498.8 |
| 130°   | 1195.1 | 1157.0 | 1099.3 | 1061.8 | 1024.2 | 934.1  | 832.5  | 729.8 | 639.7 | 568.1 | 516.1 |
| 132.5° | 1144.3 | 1106.2 | 1048.5 | 1012.7 | 976.9  | 897.2  | 803.7  | 715.9 | 639.7 | 578.5 | 531.2 |
| 135°   | 1087.7 | 1049.6 | 998.8  | 965.9  | 933.0  | 859.1  | 779.4  | 705.5 | 639.7 | 587.7 | 545.0 |
| 137.5° | 1027.7 | 991.9  | 945.7  | 916.8  | 888.0  | 824.4  | 757.5  | 695.1 | 640.9 | 597.0 | 555.4 |
| 140°   | 968.8  | 938.8  | 896.0  | 871.8  | 847.5  | 794.4  | 740.2  | 688.2 | 642.0 | 602.7 | 565.8 |
| 142.5° | 912.2  | 888.0  | 853.3  | 833.1  | 812.9  | 769.0  | 725.1  | 682.4 | 643.2 | 606.2 | 571.6 |
| 145°   | 862.6  | 842.9  | 815.2  | 799.6  | 784.0  | 748.2  | 712.4  | 676.6 | 642.0 | 608.5 | 577.3 |
| 147.5° | 822.1  | 806.0  | 782.9  | 770.8  | 758.6  | 729.8  | 699.7  | 670.9 | 639.7 | 609.7 | 580.8 |
| 150°   | 788.7  | 774.8  | 757.5  | 747.1  | 736.7  | 714.8  | 689.3  | 663.9 | 636.2 | 609.7 | 584.3 |
| 152.5° | 758.6  | 748.2  | 734.4  | 726.9  | 719.4  | 699.7  | 677.8  | 655.9 | 631.6 | 608.5 | 586.6 |
| 155°   | 733.2  | 725.1  | 713.6  | 707.2  | 700.9  | 684.7  | 666.3  | 646.6 | 625.8 | 606.2 | 587.7 |
| 157.5° | 710.1  | 703.2  | 694.0  | 688.8  | 683.6  | 670.9  | 654.7  | 638.5 | 620.1 | 603.9 | 588.9 |
| 160°   | 688.2  | 682.4  | 674.3  | 670.3  | 666.3  | 654.7  | 643.2  | 628.1 | 614.3 | 600.4 | 588.9 |
| 162.5° | 667.4  | 662.8  | 657.0  | 653.6  | 650.1  | 640.9  | 630.5  | 618.9 | 607.4 | 597.0 | 587.7 |
| 165°   | 646.6  | 644.3  | 639.7  | 636.8  | 633.9  | 627.0  | 618.9  | 609.7 | 600.4 | 593.5 | 586.6 |
| 167.5° | 628.1  | 625.8  | 623.5  | 621.2  | 618.9  | 613.1  | 607.4  | 600.4 | 593.5 | 587.7 | 584.3 |
| 170°   | 610.8  | 609.7  | 607.4  | 606.2  | 605.1  | 601.6  | 598.1  | 592.4 | 587.7 | 584.3 | 582.0 |
| 172.5° | 597.0  | 594.7  | 594.7  | 594.1  | 593.5  | 591.2  | 587.7  | 584.3 | 580.8 | 579.7 | 579.7 |
| 175°   | 584.3  | 583.1  | 583.1  | 583.1  | 583.1  | 580.8  | 580.8  | 577.3 | 576.2 | 576.2 | 577.3 |
| 177.5° | 576.2  | 575.0  | 576.2  | 576.2  | 576.2  | 576.2  | 575.0  | 573.9 | 572.7 | 572.7 | 575.0 |
| 180°   | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7 | 572.7 | 572.7 | 572.7 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1942.2 | 1932.9 | 1926.7 | 1925.1 | 1915.8 | 1908.0 | 1898.7 | 1897.1 | 1892.5 | 1880.0 | 1872.3 |
| 5°     | 2002.8 | 1981.0 | 1976.4 | 1962.4 | 1939.1 | 1922.0 | 1900.2 | 1887.8 | 1873.8 | 1850.5 | 1831.9 |
| 7.5°   | 2064.9 | 2035.4 | 2013.7 | 1993.5 | 1960.8 | 1929.8 | 1898.7 | 1873.8 | 1849.0 | 1814.8 | 1786.8 |
| 10°    | 2125.5 | 2080.5 | 2054.1 | 2024.5 | 1979.5 | 1932.9 | 1889.4 | 1853.6 | 1813.2 | 1772.8 | 1732.4 |
| 12.5°  | 2181.5 | 2124.0 | 2085.1 | 2043.2 | 1987.2 | 1929.8 | 1873.8 | 1824.1 | 1782.2 | 1727.8 | 1682.7 |
| 15°    | 2215.7 | 2151.9 | 2113.1 | 2072.7 | 1988.8 | 1925.1 | 1859.8 | 1796.1 | 1740.2 | 1682.7 | 1640.8 |
| 17.5°  | 2235.8 | 2164.4 | 2120.9 | 2083.6 | 1998.1 | 1911.1 | 1827.2 | 1758.8 | 1698.3 | 1629.9 | 1574.0 |
| 20°    | 2226.5 | 2156.6 | 2116.2 | 2080.5 | 1981.0 | 1894.0 | 1803.9 | 1724.7 | 1648.5 | 1578.6 | 1519.6 |
| 22.5°  | 2206.3 | 2133.3 | 2088.2 | 2055.6 | 1967.1 | 1864.5 | 1765.1 | 1679.6 | 1600.4 | 1530.4 | 1463.6 |
| 25°    | 2162.8 | 2091.4 | 2052.5 | 2012.1 | 1925.1 | 1827.2 | 1726.2 | 1634.5 | 1550.6 | 1476.1 | 1401.5 |
| 27.5°  | 2124.0 | 2037.0 | 1996.6 | 1960.8 | 1869.2 | 1782.2 | 1682.7 | 1581.7 | 1496.3 | 1418.6 | 1344.0 |
| 30°    | 2078.9 | 1981.0 | 1937.5 | 1889.4 | 1807.0 | 1724.7 | 1625.2 | 1532.0 | 1443.4 | 1361.1 | 1289.6 |
| 32.5°  | 2030.8 | 1917.3 | 1867.6 | 1813.2 | 1729.3 | 1651.6 | 1567.7 | 1476.1 | 1387.5 | 1306.7 | 1232.1 |
| 35°    | 1968.6 | 1847.4 | 1789.9 | 1738.6 | 1651.6 | 1574.0 | 1496.3 | 1420.1 | 1331.6 | 1246.1 | 1174.6 |
| 37.5°  | 1909.6 | 1775.9 | 1715.3 | 1656.3 | 1564.6 | 1490.0 | 1426.3 | 1354.9 | 1269.4 | 1187.1 | 1118.7 |
| 40°    | 1842.7 | 1688.9 | 1626.8 | 1572.4 | 1477.6 | 1395.3 | 1337.8 | 1281.8 | 1207.3 | 1128.0 | 1053.4 |
| 42.5°  | 1782.2 | 1608.1 | 1542.9 | 1486.9 | 1387.5 | 1309.8 | 1255.4 | 1208.8 | 1143.6 | 1070.5 | 994.4  |
| 45°    | 1698.3 | 1521.1 | 1454.3 | 1395.3 | 1294.3 | 1221.2 | 1165.3 | 1124.9 | 1073.6 | 1005.3 | 936.9  |
| 47.5°  | 1620.6 | 1437.2 | 1364.2 | 1292.7 | 1201.1 | 1126.5 | 1075.2 | 1044.1 | 1009.9 | 949.3  | 879.4  |
| 50°    | 1525.8 | 1340.9 | 1266.3 | 1207.3 | 1103.2 | 1039.5 | 988.2  | 966.4  | 935.4  | 877.9  | 821.9  |
| 52.5°  | 1423.2 | 1247.7 | 1177.7 | 1106.3 | 1009.9 | 947.8  | 902.7  | 877.9  | 853.0  | 811.1  | 758.2  |
| 55°    | 1303.6 | 1143.6 | 1078.3 | 1014.6 | 918.3  | 860.8  | 820.4  | 794.0  | 780.0  | 741.1  | 702.3  |
| 57.5°  | 1188.6 | 1037.9 | 977.3  | 918.3  | 834.4  | 769.1  | 742.7  | 719.4  | 699.2  | 671.2  | 638.6  |
| 60°    | 1072.1 | 935.4  | 870.1  | 817.3  | 744.2  | 685.2  | 663.5  | 640.1  | 624.6  | 602.9  | 579.5  |
| 62.5°  | 938.5  | 821.9  | 772.2  | 722.5  | 660.3  | 613.7  | 588.9  | 570.2  | 550.0  | 536.0  | 515.8  |
| 65°    | 797.1  | 714.7  | 666.6  | 629.3  | 570.2  | 528.3  | 509.6  | 497.2  | 480.1  | 466.1  | 450.6  |
| 67.5°  | 665.0  | 599.7  | 579.5  | 539.2  | 494.1  | 456.8  | 442.8  | 427.3  | 413.3  | 405.5  | 391.5  |
| 70°    | 537.6  | 491.0  | 470.8  | 459.9  | 410.2  | 385.3  | 372.9  | 366.7  | 349.6  | 341.8  | 332.5  |
| 72.5°  | 416.4  | 399.3  | 385.3  | 371.3  | 338.7  | 323.2  | 309.2  | 303.0  | 290.6  | 284.3  | 281.2  |
| 75°    | 307.6  | 296.8  | 289.0  | 287.4  | 273.5  | 257.9  | 243.9  | 240.8  | 231.5  | 225.3  | 222.2  |
| 77.5°  | 216.0  | 212.9  | 211.3  | 212.9  | 203.5  | 194.2  | 191.1  | 188.0  | 177.1  | 175.6  | 175.6  |
| 80°    | 141.4  | 149.2  | 149.2  | 147.6  | 144.5  | 142.9  | 138.3  | 135.2  | 129.0  | 127.4  | 129.0  |
| 82.5°  | 87.0   | 91.7   | 93.2   | 96.3   | 94.8   | 93.2   | 90.1   | 88.6   | 90.1   | 87.0   | 88.6   |
| 85°    | 43.5   | 46.6   | 52.8   | 52.8   | 54.4   | 54.4   | 54.4   | 52.8   | 49.7   | 51.3   | 49.7   |
| 87.5°  | 17.1   | 18.6   | 18.6   | 18.6   | 17.1   | 21.8   | 23.3   | 23.3   | 23.3   | 20.2   | 20.2   |
| 90°    | 12.7   | 11.5   | 10.4   | 9.2    | 6.9    | 4.6    | 2.3    | 1.2    | 2.3    | 4.6    | 6.9    |
| 92.5°  | 194.0  | 115.5  | 94.7   | 73.9   | 49.7   | 32.3   | 20.8   | 17.3   | 20.8   | 32.3   | 49.7   |
| 95°    | 262.1  | 138.6  | 112.6  | 86.6   | 61.2   | 48.5   | 39.3   | 38.1   | 39.3   | 48.5   | 61.2   |
| 97.5°  | 226.3  | 140.9  | 121.8  | 102.8  | 79.7   | 67.0   | 60.0   | 58.9   | 60.0   | 67.0   | 79.7   |
| 100°   | 224.0  | 157.0  | 139.7  | 122.4  | 100.5  | 87.8   | 83.1   | 80.8   | 83.1   | 87.8   | 100.5  |
| 102.5° | 234.4  | 176.7  | 160.0  | 143.2  | 123.6  | 109.7  | 106.2  | 105.1  | 106.2  | 109.7  | 123.6  |
| 105°   | 249.4  | 198.6  | 182.4  | 166.3  | 147.8  | 136.3  | 130.5  | 130.5  | 130.5  | 136.3  | 147.8  |
| 107.5° | 270.2  | 220.5  | 206.1  | 191.7  | 172.0  | 162.8  | 157.0  | 154.7  | 157.0  | 162.8  | 172.0  |
| 110°   | 293.3  | 245.9  | 230.9  | 215.9  | 198.6  | 188.2  | 183.6  | 181.3  | 183.6  | 188.2  | 198.6  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 315.2 | 270.2 | 255.8  | 241.3 | 224.0 | 213.6 | 210.2 | 207.8 | 210.2 | 213.6 | 224.0 |
| 115°   | 338.3 | 295.6 | 281.2  | 266.7 | 249.4 | 239.0 | 235.6 | 233.2 | 235.6 | 239.0 | 249.4 |
| 117.5° | 361.4 | 321.0 | 307.2  | 293.3 | 273.7 | 263.3 | 259.8 | 256.3 | 259.8 | 263.3 | 273.7 |
| 120°   | 386.8 | 346.4 | 332.0  | 317.5 | 297.9 | 287.5 | 282.9 | 279.4 | 282.9 | 287.5 | 297.9 |
| 122.5° | 411.1 | 370.7 | 356.2  | 341.8 | 319.8 | 309.5 | 306.0 | 303.7 | 306.0 | 309.5 | 319.8 |
| 125°   | 431.9 | 393.7 | 378.7  | 363.7 | 341.8 | 331.4 | 325.6 | 323.3 | 325.6 | 331.4 | 341.8 |
| 127.5° | 452.6 | 415.7 | 400.7  | 385.7 | 362.6 | 349.9 | 342.9 | 339.5 | 342.9 | 349.9 | 362.6 |
| 130°   | 472.3 | 436.5 | 421.4  | 406.4 | 382.2 | 367.2 | 358.0 | 354.5 | 358.0 | 367.2 | 382.2 |
| 132.5° | 490.7 | 454.9 | 439.9  | 424.9 | 399.5 | 382.2 | 370.7 | 366.0 | 370.7 | 382.2 | 399.5 |
| 135°   | 506.9 | 471.1 | 455.5  | 439.9 | 415.7 | 397.2 | 383.4 | 378.7 | 383.4 | 397.2 | 415.7 |
| 137.5° | 518.5 | 486.1 | 470.0  | 453.8 | 429.5 | 411.1 | 398.4 | 394.9 | 398.4 | 411.1 | 429.5 |
| 140°   | 531.2 | 497.7 | 482.1  | 466.5 | 444.6 | 426.1 | 412.2 | 408.8 | 412.2 | 426.1 | 444.6 |
| 142.5° | 539.2 | 508.1 | 493.6  | 479.2 | 458.4 | 439.9 | 427.2 | 424.9 | 427.2 | 439.9 | 458.4 |
| 145°   | 548.5 | 518.5 | 505.2  | 491.9 | 471.1 | 454.9 | 443.4 | 441.1 | 443.4 | 454.9 | 471.1 |
| 147.5° | 554.2 | 527.7 | 515.6  | 503.4 | 485.0 | 470.0 | 459.6 | 458.4 | 459.6 | 470.0 | 485.0 |
| 150°   | 560.0 | 534.6 | 524.8  | 515.0 | 498.8 | 483.8 | 475.7 | 473.4 | 475.7 | 483.8 | 498.8 |
| 152.5° | 565.8 | 542.7 | 534.0  | 525.4 | 510.4 | 497.7 | 490.7 | 489.6 | 490.7 | 497.7 | 510.4 |
| 155°   | 569.3 | 549.6 | 541.6  | 533.5 | 521.9 | 510.4 | 503.4 | 503.4 | 503.4 | 510.4 | 521.9 |
| 157.5° | 572.7 | 555.4 | 549.0  | 542.7 | 532.3 | 521.9 | 516.1 | 516.1 | 516.1 | 521.9 | 532.3 |
| 160°   | 575.0 | 560.0 | 554.8  | 549.6 | 540.4 | 532.3 | 527.7 | 528.8 | 527.7 | 532.3 | 540.4 |
| 162.5° | 577.3 | 564.6 | 560.6  | 556.6 | 549.6 | 542.7 | 538.1 | 539.2 | 538.1 | 542.7 | 549.6 |
| 165°   | 577.3 | 568.1 | 564.7  | 561.2 | 556.6 | 550.8 | 547.3 | 549.6 | 547.3 | 550.8 | 556.6 |
| 167.5° | 577.3 | 569.3 | 567.0  | 564.6 | 561.2 | 557.7 | 555.4 | 556.6 | 555.4 | 557.7 | 561.2 |
| 170°   | 577.3 | 571.6 | 569.8  | 568.1 | 565.8 | 563.5 | 562.3 | 563.5 | 562.3 | 563.5 | 565.8 |
| 172.5° | 576.2 | 571.6 | 571.0  | 570.4 | 569.3 | 567.0 | 565.8 | 568.1 | 565.8 | 567.0 | 569.3 |
| 175°   | 575.0 | 571.6 | 571.6  | 571.6 | 571.6 | 570.4 | 569.3 | 571.6 | 569.3 | 570.4 | 571.6 |
| 177.5° | 573.9 | 571.6 | 571.6  | 571.6 | 572.7 | 571.6 | 571.6 | 573.9 | 571.6 | 571.6 | 572.7 |
| 180°   | 572.7 | 572.7 | 572.7  | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1867.6 | 1861.4 | 1856.7 | 1852.1 | 1831.9 | 1810.1 | 1807.0 | 1802.4 | 1793.0 | 1803.9 | 1799.2 |
| 5°     | 1819.4 | 1805.5 | 1797.7 | 1777.5 | 1752.6 | 1734.0 | 1718.4 | 1699.8 | 1692.0 | 1685.8 | 1684.3 |
| 7.5°   | 1760.4 | 1748.0 | 1734.0 | 1713.8 | 1682.7 | 1651.6 | 1628.3 | 1609.7 | 1594.1 | 1586.4 | 1586.4 |
| 10°    | 1702.9 | 1687.4 | 1668.7 | 1634.5 | 1605.0 | 1566.2 | 1541.3 | 1522.7 | 1500.9 | 1488.5 | 1477.6 |
| 12.5°  | 1643.9 | 1626.8 | 1609.7 | 1566.2 | 1532.0 | 1491.6 | 1455.9 | 1432.6 | 1421.7 | 1407.7 | 1389.1 |
| 15°    | 1584.8 | 1558.4 | 1541.3 | 1497.8 | 1454.3 | 1413.9 | 1390.6 | 1365.7 | 1340.9 | 1326.9 | 1320.7 |
| 17.5°  | 1522.7 | 1504.0 | 1476.1 | 1429.5 | 1381.3 | 1345.5 | 1311.4 | 1288.1 | 1258.5 | 1244.6 | 1230.6 |
| 20°    | 1466.7 | 1438.8 | 1410.8 | 1364.2 | 1317.6 | 1269.4 | 1235.2 | 1207.3 | 1188.6 | 1177.7 | 1165.3 |
| 22.5°  | 1399.9 | 1373.5 | 1350.2 | 1300.5 | 1249.2 | 1204.2 | 1166.9 | 1149.8 | 1131.1 | 1114.0 | 1101.6 |
| 25°    | 1342.4 | 1316.0 | 1292.7 | 1238.3 | 1182.4 | 1140.5 | 1112.5 | 1090.7 | 1070.5 | 1062.8 | 1050.3 |
| 27.5°  | 1281.8 | 1257.0 | 1225.9 | 1171.5 | 1121.8 | 1086.1 | 1056.6 | 1036.4 | 1020.8 | 1005.3 | 996.0  |
| 30°    | 1224.4 | 1196.4 | 1168.4 | 1109.4 | 1069.0 | 1033.2 | 1005.3 | 980.4  | 968.0  | 960.2  | 944.7  |
| 32.5°  | 1168.4 | 1132.7 | 1109.4 | 1055.0 | 1016.2 | 982.0  | 958.7  | 936.9  | 921.4  | 907.4  | 895.0  |
| 35°    | 1107.8 | 1069.0 | 1045.7 | 1000.6 | 960.2  | 926.0  | 905.8  | 890.3  | 871.7  | 859.2  | 853.0  |
| 37.5°  | 1050.3 | 1017.7 | 994.4  | 947.8  | 907.4  | 879.4  | 857.7  | 837.5  | 829.7  | 812.6  | 809.5  |
| 40°    | 988.2  | 960.2  | 938.5  | 893.4  | 856.1  | 834.4  | 811.1  | 792.4  | 778.4  | 770.7  | 759.8  |
| 42.5°  | 932.3  | 908.9  | 885.6  | 843.7  | 808.0  | 781.5  | 764.4  | 747.4  | 734.9  | 722.5  | 714.7  |
| 45°    | 881.0  | 856.1  | 834.4  | 794.0  | 758.2  | 734.9  | 717.8  | 697.6  | 694.5  | 677.4  | 669.7  |
| 47.5°  | 826.6  | 804.8  | 786.2  | 744.2  | 711.6  | 688.3  | 668.1  | 654.1  | 640.1  | 633.9  | 623.1  |
| 50°    | 773.8  | 752.0  | 730.3  | 693.0  | 663.5  | 640.1  | 619.9  | 604.4  | 596.6  | 587.3  | 578.0  |
| 52.5°  | 716.3  | 699.2  | 682.1  | 643.3  | 613.7  | 593.5  | 576.4  | 556.2  | 548.5  | 540.7  | 534.5  |
| 55°    | 668.1  | 643.3  | 624.6  | 592.0  | 565.6  | 543.8  | 525.2  | 509.6  | 501.9  | 495.6  | 487.9  |
| 57.5°  | 602.9  | 587.3  | 571.8  | 542.3  | 517.4  | 495.6  | 477.0  | 464.6  | 455.2  | 450.6  | 452.1  |
| 60°    | 546.9  | 529.8  | 520.5  | 489.4  | 464.6  | 447.5  | 430.4  | 418.0  | 408.6  | 404.0  | 402.4  |
| 62.5°  | 487.9  | 475.4  | 458.4  | 436.6  | 411.7  | 396.2  | 383.8  | 374.5  | 358.9  | 357.4  | 352.7  |
| 65°    | 430.4  | 421.1  | 405.5  | 385.3  | 365.1  | 351.1  | 337.2  | 324.7  | 318.5  | 310.8  | 306.1  |
| 67.5°  | 374.5  | 365.1  | 351.1  | 334.1  | 320.1  | 306.1  | 293.7  | 281.2  | 270.4  | 264.1  | 261.0  |
| 70°    | 320.1  | 312.3  | 303.0  | 282.8  | 265.7  | 254.8  | 245.5  | 237.7  | 226.8  | 223.7  | 222.2  |
| 72.5°  | 267.2  | 259.5  | 254.8  | 237.7  | 222.2  | 212.9  | 203.5  | 195.8  | 191.1  | 189.6  | 184.9  |
| 75°    | 219.1  | 211.3  | 205.1  | 189.6  | 180.2  | 174.0  | 164.7  | 161.6  | 156.9  | 155.4  | 153.8  |
| 77.5°  | 170.9  | 163.1  | 161.6  | 150.7  | 139.8  | 136.7  | 133.6  | 127.4  | 127.4  | 127.4  | 124.3  |
| 80°    | 122.7  | 121.2  | 119.6  | 108.8  | 104.1  | 101.0  | 99.4   | 94.8   | 91.7   | 88.6   | 87.0   |
| 82.5°  | 82.3   | 80.8   | 79.2   | 74.6   | 69.9   | 68.4   | 66.8   | 63.7   | 63.7   | 65.3   | 62.2   |
| 85°    | 49.7   | 46.6   | 45.1   | 43.5   | 40.4   | 40.4   | 42.0   | 40.4   | 40.4   | 40.4   | 38.8   |
| 87.5°  | 18.6   | 18.6   | 18.6   | 18.6   | 20.2   | 17.1   | 18.6   | 18.6   | 17.1   | 17.1   | 15.5   |
| 90°    | 9.2    | 10.4   | 11.5   | 12.7   | 15.0   | 16.2   | 18.5   | 19.6   | 20.8   | 21.9   | 23.1   |
| 92.5°  | 73.9   | 94.7   | 115.5  | 194.0  | 325.6  | 468.8  | 460.7  | 371.8  | 250.6  | 180.1  | 133.9  |
| 95°    | 86.6   | 112.6  | 138.6  | 262.1  | 516.1  | 834.8  | 1023.1 | 1001.1 | 830.2  | 654.7  | 512.7  |
| 97.5°  | 102.8  | 121.8  | 140.9  | 226.3  | 421.5  | 765.6  | 1105.0 | 1250.5 | 1190.5 | 1050.8 | 907.6  |
| 100°   | 122.4  | 139.7  | 157.0  | 224.0  | 374.1  | 665.1  | 1042.7 | 1331.4 | 1420.3 | 1363.7 | 1244.8 |
| 102.5° | 143.2  | 160.0  | 176.7  | 234.4  | 354.5  | 588.9  | 933.0  | 1282.9 | 1497.6 | 1555.4 | 1513.8 |
| 105°   | 166.3  | 182.4  | 198.6  | 249.4  | 352.2  | 545.0  | 837.1  | 1168.5 | 1445.7 | 1603.9 | 1654.7 |
| 107.5° | 191.7  | 206.1  | 220.5  | 270.2  | 360.3  | 521.9  | 765.6  | 1060.0 | 1339.4 | 1548.4 | 1670.8 |
| 110°   | 215.9  | 230.9  | 245.9  | 293.3  | 373.0  | 512.7  | 718.2  | 969.9  | 1219.3 | 1438.7 | 1601.6 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 241.3 | 255.8  | 270.2 | 315.2 | 389.1 | 512.7 | 690.5 | 903.0 | 1124.7 | 1330.2 | 1495.3 |
| 115°   | 266.7 | 281.2  | 295.6 | 338.3 | 405.3 | 516.1 | 672.0 | 857.9 | 1048.5 | 1227.4 | 1385.6 |
| 117.5° | 293.3 | 307.2  | 321.0 | 361.4 | 423.8 | 521.9 | 661.6 | 827.9 | 995.3  | 1153.5 | 1292.1 |
| 120°   | 317.5 | 332.0  | 346.4 | 386.8 | 442.2 | 531.2 | 654.7 | 803.7 | 953.8  | 1092.3 | 1219.3 |
| 122.5° | 341.8 | 356.2  | 370.7 | 411.1 | 463.0 | 539.2 | 648.9 | 782.9 | 922.6  | 1048.5 | 1158.2 |
| 125°   | 363.7 | 378.7  | 393.7 | 431.9 | 481.5 | 548.5 | 644.3 | 764.4 | 892.6  | 1010.4 | 1110.8 |
| 127.5° | 385.7 | 400.7  | 415.7 | 452.6 | 498.8 | 558.9 | 642.0 | 747.1 | 861.4  | 973.4  | 1068.1 |
| 130°   | 406.4 | 421.4  | 436.5 | 472.3 | 516.1 | 568.1 | 639.7 | 729.8 | 832.5  | 934.1  | 1024.2 |
| 132.5° | 424.9 | 439.9  | 454.9 | 490.7 | 531.2 | 578.5 | 639.7 | 715.9 | 803.7  | 897.2  | 976.9  |
| 135°   | 439.9 | 455.5  | 471.1 | 506.9 | 545.0 | 587.7 | 639.7 | 705.5 | 779.4  | 859.1  | 933.0  |
| 137.5° | 453.8 | 470.0  | 486.1 | 518.5 | 555.4 | 597.0 | 640.9 | 695.1 | 757.5  | 824.4  | 888.0  |
| 140°   | 466.5 | 482.1  | 497.7 | 531.2 | 565.8 | 602.7 | 642.0 | 688.2 | 740.2  | 794.4  | 847.5  |
| 142.5° | 479.2 | 493.6  | 508.1 | 539.2 | 571.6 | 606.2 | 643.2 | 682.4 | 725.1  | 769.0  | 812.9  |
| 145°   | 491.9 | 505.2  | 518.5 | 548.5 | 577.3 | 608.5 | 642.0 | 676.6 | 712.4  | 748.2  | 784.0  |
| 147.5° | 503.4 | 515.6  | 527.7 | 554.2 | 580.8 | 609.7 | 639.7 | 670.9 | 699.7  | 729.8  | 758.6  |
| 150°   | 515.0 | 524.8  | 534.6 | 560.0 | 584.3 | 609.7 | 636.2 | 663.9 | 689.3  | 714.8  | 736.7  |
| 152.5° | 525.4 | 534.0  | 542.7 | 565.8 | 586.6 | 608.5 | 631.6 | 655.9 | 677.8  | 699.7  | 719.4  |
| 155°   | 533.5 | 541.6  | 549.6 | 569.3 | 587.7 | 606.2 | 625.8 | 646.6 | 666.3  | 684.7  | 700.9  |
| 157.5° | 542.7 | 549.0  | 555.4 | 572.7 | 588.9 | 603.9 | 620.1 | 638.5 | 654.7  | 670.9  | 683.6  |
| 160°   | 549.6 | 554.8  | 560.0 | 575.0 | 588.9 | 600.4 | 614.3 | 628.1 | 643.2  | 654.7  | 666.3  |
| 162.5° | 556.6 | 560.6  | 564.6 | 577.3 | 587.7 | 597.0 | 607.4 | 618.9 | 630.5  | 640.9  | 650.1  |
| 165°   | 561.2 | 564.7  | 568.1 | 577.3 | 586.6 | 593.5 | 600.4 | 609.7 | 618.9  | 627.0  | 633.9  |
| 167.5° | 564.6 | 567.0  | 569.3 | 577.3 | 584.3 | 587.7 | 593.5 | 600.4 | 607.4  | 613.1  | 618.9  |
| 170°   | 568.1 | 569.8  | 571.6 | 577.3 | 582.0 | 584.3 | 587.7 | 592.4 | 598.1  | 601.6  | 605.1  |
| 172.5° | 570.4 | 571.0  | 571.6 | 576.2 | 579.7 | 579.7 | 580.8 | 584.3 | 587.7  | 591.2  | 593.5  |
| 175°   | 571.6 | 571.6  | 571.6 | 575.0 | 577.3 | 576.2 | 576.2 | 577.3 | 580.8  | 580.8  | 583.1  |
| 177.5° | 571.6 | 571.6  | 571.6 | 573.9 | 575.0 | 572.7 | 572.7 | 573.9 | 575.0  | 576.2  | 576.2  |
| 180°   | 572.7 | 572.7  | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7  | 572.7  | 572.7  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1791.5 | 1794.6 | 1786.8 | 1783.7 | 1777.5 | 1785.3 | 1786.8 | 1785.3 | 1799.2 | 1793.0 | 1796.1 |
| 5°     | 1687.4 | 1681.2 | 1676.5 | 1665.6 | 1665.6 | 1667.2 | 1671.8 | 1664.1 | 1668.7 | 1679.6 | 1678.1 |
| 7.5°   | 1572.4 | 1569.3 | 1570.8 | 1558.4 | 1549.1 | 1552.2 | 1549.1 | 1563.1 | 1570.8 | 1567.7 | 1574.0 |
| 10°    | 1468.3 | 1474.5 | 1460.5 | 1454.3 | 1448.1 | 1454.3 | 1452.8 | 1455.9 | 1465.2 | 1471.4 | 1482.3 |
| 12.5°  | 1384.4 | 1382.8 | 1375.1 | 1368.9 | 1358.0 | 1361.1 | 1370.4 | 1367.3 | 1368.9 | 1382.8 | 1381.3 |
| 15°    | 1305.2 | 1295.8 | 1289.6 | 1275.6 | 1278.7 | 1267.9 | 1277.2 | 1288.1 | 1292.7 | 1305.2 | 1312.9 |
| 17.5°  | 1225.9 | 1224.4 | 1216.6 | 1215.0 | 1197.9 | 1193.3 | 1202.6 | 1205.7 | 1210.4 | 1216.6 | 1227.5 |
| 20°    | 1159.1 | 1157.5 | 1146.7 | 1143.6 | 1129.6 | 1138.9 | 1135.8 | 1142.0 | 1145.1 | 1157.5 | 1162.2 |
| 22.5°  | 1098.5 | 1090.7 | 1087.6 | 1083.0 | 1078.3 | 1076.8 | 1083.0 | 1081.4 | 1092.3 | 1096.9 | 1098.5 |
| 25°    | 1042.6 | 1036.4 | 1034.8 | 1027.0 | 1023.9 | 1019.3 | 1023.9 | 1028.6 | 1041.0 | 1045.7 | 1051.9 |
| 27.5°  | 991.3  | 986.6  | 983.5  | 977.3  | 972.6  | 972.6  | 975.8  | 982.0  | 986.6  | 989.7  | 992.8  |
| 30°    | 944.7  | 941.6  | 932.3  | 929.1  | 924.5  | 924.5  | 924.5  | 927.6  | 935.4  | 944.7  | 949.3  |
| 32.5°  | 896.5  | 890.3  | 884.1  | 884.1  | 879.4  | 879.4  | 881.0  | 884.1  | 891.9  | 893.4  | 901.2  |
| 35°    | 849.9  | 843.7  | 839.0  | 835.9  | 837.5  | 831.3  | 834.4  | 839.0  | 848.3  | 851.5  | 856.1  |
| 37.5°  | 804.8  | 803.3  | 794.0  | 789.3  | 792.4  | 792.4  | 790.9  | 794.0  | 800.2  | 806.4  | 809.5  |
| 40°    | 755.1  | 752.0  | 752.0  | 747.4  | 748.9  | 742.7  | 747.4  | 750.5  | 753.6  | 759.8  | 764.4  |
| 42.5°  | 711.6  | 708.5  | 702.3  | 703.8  | 699.2  | 699.2  | 702.3  | 703.8  | 708.5  | 716.3  | 719.4  |
| 45°    | 665.0  | 665.0  | 661.9  | 657.2  | 658.8  | 654.1  | 657.2  | 658.8  | 665.0  | 672.8  | 669.7  |
| 47.5°  | 619.9  | 618.4  | 618.4  | 612.2  | 615.3  | 610.6  | 615.3  | 616.8  | 619.9  | 624.6  | 623.1  |
| 50°    | 576.4  | 571.8  | 573.3  | 571.8  | 570.2  | 570.2  | 573.3  | 573.3  | 576.4  | 576.4  | 581.1  |
| 52.5°  | 531.4  | 531.4  | 528.3  | 529.8  | 532.9  | 529.8  | 534.5  | 529.8  | 532.9  | 534.5  | 537.6  |
| 55°    | 491.0  | 487.9  | 489.4  | 487.9  | 494.1  | 489.4  | 494.1  | 491.0  | 494.1  | 492.5  | 495.6  |
| 57.5°  | 447.5  | 442.8  | 444.4  | 442.8  | 447.5  | 445.9  | 450.6  | 445.9  | 447.5  | 449.0  | 453.7  |
| 60°    | 397.8  | 397.8  | 397.8  | 394.7  | 399.3  | 399.3  | 397.8  | 397.8  | 404.0  | 407.1  | 405.5  |
| 62.5°  | 351.1  | 349.6  | 344.9  | 343.4  | 344.9  | 341.8  | 348.0  | 346.5  | 349.6  | 352.7  | 355.8  |
| 65°    | 299.9  | 296.8  | 295.2  | 292.1  | 292.1  | 290.6  | 292.1  | 298.3  | 299.9  | 301.4  | 309.2  |
| 67.5°  | 257.9  | 256.4  | 254.8  | 250.2  | 250.2  | 253.3  | 253.3  | 253.3  | 262.6  | 257.9  | 264.1  |
| 70°    | 220.6  | 217.5  | 214.4  | 212.9  | 212.9  | 214.4  | 216.0  | 217.5  | 216.0  | 222.2  | 223.7  |
| 72.5°  | 184.9  | 186.5  | 183.3  | 183.3  | 183.3  | 181.8  | 181.8  | 184.9  | 186.5  | 184.9  | 186.5  |
| 75°    | 153.8  | 153.8  | 152.3  | 153.8  | 153.8  | 152.3  | 152.3  | 155.4  | 155.4  | 153.8  | 158.5  |
| 77.5°  | 124.3  | 122.7  | 119.6  | 116.5  | 118.1  | 116.5  | 118.1  | 116.5  | 121.2  | 125.9  | 122.7  |
| 80°    | 87.0   | 85.5   | 85.5   | 85.5   | 87.0   | 85.5   | 88.6   | 85.5   | 87.0   | 87.0   | 88.6   |
| 82.5°  | 62.2   | 63.7   | 63.7   | 62.2   | 63.7   | 62.2   | 63.7   | 63.7   | 63.7   | 62.2   | 63.7   |
| 85°    | 40.4   | 40.4   | 40.4   | 40.4   | 38.8   | 40.4   | 40.4   | 40.4   | 42.0   | 40.4   | 42.0   |
| 87.5°  | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 18.6   | 17.1   | 18.6   |
| 90°    | 24.2   | 25.4   | 25.4   | 25.4   | 26.6   | 26.6   | 26.6   | 25.4   | 25.4   | 25.4   | 24.2   |
| 92.5°  | 123.0  | 112.0  | 93.5   | 90.1   | 87.8   | 85.4   | 87.8   | 90.1   | 93.5   | 112.0  | 123.0  |
| 95°    | 464.2  | 415.7  | 333.7  | 299.1  | 289.8  | 271.4  | 289.8  | 299.1  | 333.7  | 415.7  | 464.2  |
| 97.5°  | 838.3  | 769.0  | 699.7  | 639.7  | 608.5  | 594.7  | 608.5  | 639.7  | 699.7  | 769.0  | 838.3  |
| 100°   | 1184.8 | 1124.7 | 1045.0 | 961.9  | 919.1  | 900.7  | 919.1  | 961.9  | 1045.0 | 1124.7 | 1184.8 |
| 102.5° | 1478.0 | 1442.2 | 1355.6 | 1302.5 | 1255.1 | 1242.4 | 1255.1 | 1302.5 | 1355.6 | 1442.2 | 1478.0 |
| 105°   | 1648.4 | 1642.0 | 1605.0 | 1566.9 | 1543.8 | 1530.0 | 1543.8 | 1566.9 | 1605.0 | 1642.0 | 1648.4 |
| 107.5° | 1696.2 | 1721.6 | 1732.0 | 1726.3 | 1714.7 | 1703.2 | 1714.7 | 1726.3 | 1732.0 | 1721.6 | 1696.2 |
| 110°   | 1650.6 | 1699.7 | 1751.7 | 1773.6 | 1781.7 | 1781.7 | 1781.7 | 1773.6 | 1751.7 | 1699.7 | 1650.6 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1555.4 | 1615.4 | 1697.4 | 1739.0 | 1762.1 | 1772.4 | 1762.1 | 1739.0 | 1697.4 | 1615.4 | 1555.4 |
| 115°   | 1448.6 | 1511.5 | 1601.6 | 1657.0 | 1689.3 | 1704.3 | 1689.3 | 1657.0 | 1601.6 | 1511.5 | 1448.6 |
| 117.5° | 1351.6 | 1411.0 | 1502.2 | 1560.0 | 1592.3 | 1601.6 | 1592.3 | 1560.0 | 1502.2 | 1411.0 | 1351.6 |
| 120°   | 1270.2 | 1321.0 | 1406.4 | 1461.8 | 1493.0 | 1502.2 | 1493.0 | 1461.8 | 1406.4 | 1321.0 | 1270.2 |
| 122.5° | 1205.0 | 1251.7 | 1325.6 | 1375.2 | 1406.4 | 1414.5 | 1406.4 | 1375.2 | 1325.6 | 1251.7 | 1205.0 |
| 125°   | 1152.4 | 1193.9 | 1258.6 | 1306.0 | 1331.4 | 1342.9 | 1331.4 | 1306.0 | 1258.6 | 1193.9 | 1152.4 |
| 127.5° | 1107.4 | 1146.6 | 1205.5 | 1248.2 | 1272.5 | 1277.1 | 1272.5 | 1248.2 | 1205.5 | 1146.6 | 1107.4 |
| 130°   | 1061.8 | 1099.3 | 1157.0 | 1195.1 | 1218.2 | 1225.1 | 1218.2 | 1195.1 | 1157.0 | 1099.3 | 1061.8 |
| 132.5° | 1012.7 | 1048.5 | 1106.2 | 1144.3 | 1165.1 | 1173.2 | 1165.1 | 1144.3 | 1106.2 | 1048.5 | 1012.7 |
| 135°   | 965.9  | 998.8  | 1049.6 | 1087.7 | 1108.5 | 1115.4 | 1108.5 | 1087.7 | 1049.6 | 998.8  | 965.9  |
| 137.5° | 916.8  | 945.7  | 991.9  | 1027.7 | 1047.3 | 1055.4 | 1047.3 | 1027.7 | 991.9  | 945.7  | 916.8  |
| 140°   | 871.8  | 896.0  | 938.8  | 968.8  | 986.1  | 991.9  | 986.1  | 968.8  | 938.8  | 896.0  | 871.8  |
| 142.5° | 833.1  | 853.3  | 888.0  | 912.2  | 928.4  | 933.0  | 928.4  | 912.2  | 888.0  | 853.3  | 833.1  |
| 145°   | 799.6  | 815.2  | 842.9  | 862.6  | 875.3  | 879.9  | 875.3  | 862.6  | 842.9  | 815.2  | 799.6  |
| 147.5° | 770.8  | 782.9  | 806.0  | 822.1  | 830.2  | 832.5  | 830.2  | 822.1  | 806.0  | 782.9  | 770.8  |
| 150°   | 747.1  | 757.5  | 774.8  | 788.7  | 793.3  | 794.4  | 793.3  | 788.7  | 774.8  | 757.5  | 747.1  |
| 152.5° | 726.9  | 734.4  | 748.2  | 758.6  | 763.2  | 764.4  | 763.2  | 758.6  | 748.2  | 734.4  | 726.9  |
| 155°   | 707.2  | 713.6  | 725.1  | 733.2  | 736.7  | 737.8  | 736.7  | 733.2  | 725.1  | 713.6  | 707.2  |
| 157.5° | 688.8  | 694.0  | 703.2  | 710.1  | 713.6  | 713.6  | 713.6  | 710.1  | 703.2  | 694.0  | 688.8  |
| 160°   | 670.3  | 674.3  | 682.4  | 688.2  | 690.5  | 689.3  | 690.5  | 688.2  | 682.4  | 674.3  | 670.3  |
| 162.5° | 653.6  | 657.0  | 662.8  | 667.4  | 667.4  | 667.4  | 667.4  | 667.4  | 662.8  | 657.0  | 653.6  |
| 165°   | 636.8  | 639.7  | 644.3  | 646.6  | 646.6  | 646.6  | 646.6  | 646.6  | 644.3  | 639.7  | 636.8  |
| 167.5° | 621.2  | 623.5  | 625.8  | 628.1  | 627.0  | 627.0  | 627.0  | 628.1  | 625.8  | 623.5  | 621.2  |
| 170°   | 606.2  | 607.4  | 609.7  | 610.8  | 610.8  | 609.7  | 610.8  | 610.8  | 609.7  | 607.4  | 606.2  |
| 172.5° | 594.1  | 594.7  | 594.7  | 597.0  | 594.7  | 593.5  | 594.7  | 597.0  | 594.7  | 594.7  | 594.1  |
| 175°   | 583.1  | 583.1  | 583.1  | 584.3  | 582.0  | 580.8  | 582.0  | 584.3  | 583.1  | 583.1  | 583.1  |
| 177.5° | 576.2  | 576.2  | 575.0  | 576.2  | 572.7  | 572.7  | 572.7  | 576.2  | 575.0  | 576.2  | 576.2  |
| 180°   | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  | 572.7  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1789.9 | 1797.7 | 1791.5 | 1786.8 | 1799.2 | 1805.5 | 1805.5 | 1816.3 | 1827.2 | 1836.5 | 1838.1 |
| 5°     | 1679.6 | 1692.0 | 1695.1 | 1693.6 | 1712.2 | 1721.6 | 1741.8 | 1752.6 | 1768.2 | 1779.0 | 1791.5 |
| 7.5°   | 1578.6 | 1595.7 | 1597.3 | 1600.4 | 1628.3 | 1643.9 | 1661.0 | 1688.9 | 1710.7 | 1726.2 | 1740.2 |
| 10°    | 1477.6 | 1488.5 | 1499.4 | 1513.4 | 1541.3 | 1567.7 | 1592.6 | 1622.1 | 1650.1 | 1665.6 | 1685.8 |
| 12.5°  | 1401.5 | 1409.3 | 1421.7 | 1431.0 | 1460.5 | 1483.8 | 1516.5 | 1556.9 | 1597.3 | 1609.7 | 1634.5 |
| 15°    | 1322.2 | 1326.9 | 1351.8 | 1361.1 | 1385.9 | 1424.8 | 1445.0 | 1483.8 | 1527.3 | 1550.6 | 1578.6 |
| 17.5°  | 1230.6 | 1258.5 | 1274.1 | 1285.0 | 1316.0 | 1347.1 | 1379.7 | 1420.1 | 1476.1 | 1497.8 | 1518.0 |
| 20°    | 1165.3 | 1185.5 | 1202.6 | 1216.6 | 1244.6 | 1291.2 | 1320.7 | 1353.3 | 1406.1 | 1431.0 | 1460.5 |
| 22.5°  | 1107.8 | 1124.9 | 1140.5 | 1156.0 | 1174.6 | 1216.6 | 1250.8 | 1295.8 | 1348.7 | 1372.0 | 1406.1 |
| 25°    | 1053.4 | 1070.5 | 1079.9 | 1098.5 | 1123.4 | 1152.9 | 1193.3 | 1233.7 | 1286.5 | 1312.9 | 1345.5 |
| 27.5°  | 1000.6 | 1017.7 | 1034.8 | 1050.3 | 1067.4 | 1095.4 | 1123.4 | 1174.6 | 1229.0 | 1260.1 | 1288.1 |
| 30°    | 955.6  | 963.3  | 978.9  | 996.0  | 1013.0 | 1039.5 | 1072.1 | 1107.8 | 1170.0 | 1197.9 | 1232.1 |
| 32.5°  | 905.8  | 919.8  | 930.7  | 943.1  | 964.9  | 986.6  | 1016.2 | 1061.2 | 1110.9 | 1137.3 | 1174.6 |
| 35°    | 859.2  | 871.7  | 879.4  | 901.2  | 915.2  | 938.5  | 968.0  | 1008.4 | 1050.3 | 1079.9 | 1112.5 |
| 37.5°  | 814.2  | 826.6  | 835.9  | 848.3  | 867.0  | 887.2  | 918.3  | 947.8  | 997.5  | 1022.4 | 1059.7 |
| 40°    | 767.6  | 778.4  | 789.3  | 803.3  | 820.4  | 845.2  | 863.9  | 901.2  | 941.6  | 969.5  | 997.5  |
| 42.5°  | 722.5  | 728.7  | 741.1  | 756.7  | 773.8  | 795.5  | 821.9  | 851.5  | 891.9  | 916.7  | 941.6  |
| 45°    | 674.3  | 685.2  | 699.2  | 710.1  | 725.6  | 747.4  | 770.7  | 797.1  | 837.5  | 862.3  | 888.7  |
| 47.5°  | 629.3  | 637.0  | 646.4  | 663.5  | 683.7  | 699.2  | 724.0  | 748.9  | 786.2  | 809.5  | 834.4  |
| 50°    | 582.7  | 590.4  | 604.4  | 615.3  | 630.8  | 651.0  | 674.3  | 700.7  | 736.5  | 752.0  | 776.9  |
| 52.5°  | 539.2  | 542.3  | 556.2  | 567.1  | 582.7  | 606.0  | 624.6  | 647.9  | 682.1  | 699.2  | 724.0  |
| 55°    | 495.6  | 498.8  | 506.5  | 517.4  | 534.5  | 553.1  | 573.3  | 599.7  | 629.3  | 644.8  | 668.1  |
| 57.5°  | 450.6  | 453.7  | 461.5  | 469.2  | 486.3  | 503.4  | 526.7  | 548.5  | 578.0  | 592.0  | 613.7  |
| 60°    | 405.5  | 405.5  | 413.3  | 424.2  | 436.6  | 452.1  | 472.3  | 498.8  | 520.5  | 537.6  | 553.1  |
| 62.5°  | 357.4  | 362.0  | 366.7  | 374.5  | 388.4  | 407.1  | 424.2  | 442.8  | 469.2  | 481.7  | 495.6  |
| 65°    | 309.2  | 313.9  | 323.2  | 330.9  | 341.8  | 354.3  | 376.0  | 391.5  | 411.7  | 425.7  | 438.2  |
| 67.5°  | 267.2  | 271.9  | 278.1  | 287.4  | 295.2  | 309.2  | 324.7  | 340.3  | 362.0  | 371.3  | 380.7  |
| 70°    | 223.7  | 228.4  | 233.1  | 245.5  | 253.3  | 264.1  | 275.0  | 290.6  | 309.2  | 315.4  | 323.2  |
| 72.5°  | 189.6  | 191.1  | 197.3  | 200.4  | 211.3  | 220.6  | 233.1  | 242.4  | 256.4  | 264.1  | 270.4  |
| 75°    | 160.0  | 160.0  | 161.6  | 164.7  | 170.9  | 177.1  | 186.5  | 195.8  | 208.2  | 212.9  | 220.6  |
| 77.5°  | 125.9  | 130.5  | 129.0  | 132.1  | 135.2  | 138.3  | 146.1  | 152.3  | 164.7  | 167.8  | 170.9  |
| 80°    | 90.1   | 91.7   | 96.3   | 101.0  | 101.0  | 105.7  | 110.3  | 111.9  | 119.6  | 124.3  | 124.3  |
| 82.5°  | 65.3   | 66.8   | 65.3   | 66.8   | 68.4   | 69.9   | 74.6   | 80.8   | 80.8   | 82.3   | 85.5   |
| 85°    | 40.4   | 40.4   | 42.0   | 43.5   | 43.5   | 42.0   | 45.1   | 43.5   | 45.1   | 48.2   | 48.2   |
| 87.5°  | 20.2   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 20.2   | 18.6   | 20.2   | 20.2   | 20.2   |
| 90°    | 23.1   | 21.9   | 20.8   | 19.6   | 18.5   | 16.2   | 15.0   | 12.7   | 11.5   | 10.4   | 9.2    |
| 92.5°  | 133.9  | 180.1  | 250.6  | 371.8  | 460.7  | 468.8  | 325.6  | 194.0  | 115.5  | 94.7   | 73.9   |
| 95°    | 512.7  | 654.7  | 830.2  | 1001.1 | 1023.1 | 834.8  | 516.1  | 262.1  | 138.6  | 112.6  | 86.6   |
| 97.5°  | 907.6  | 1050.8 | 1190.5 | 1250.5 | 1105.0 | 765.6  | 421.5  | 226.3  | 140.9  | 121.8  | 102.8  |
| 100°   | 1244.8 | 1363.7 | 1420.3 | 1331.4 | 1042.7 | 665.1  | 374.1  | 224.0  | 157.0  | 139.7  | 122.4  |
| 102.5° | 1513.8 | 1555.4 | 1497.6 | 1282.9 | 933.0  | 588.9  | 354.5  | 234.4  | 176.7  | 160.0  | 143.2  |
| 105°   | 1654.7 | 1603.9 | 1445.7 | 1168.5 | 837.1  | 545.0  | 352.2  | 249.4  | 198.6  | 182.4  | 166.3  |
| 107.5° | 1670.8 | 1548.4 | 1339.4 | 1060.0 | 765.6  | 521.9  | 360.3  | 270.2  | 220.5  | 206.1  | 191.7  |
| 110°   | 1601.6 | 1438.7 | 1219.3 | 969.9  | 718.2  | 512.7  | 373.0  | 293.3  | 245.9  | 230.9  | 215.9  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1495.3 | 1330.2 | 1124.7 | 903.0 | 690.5 | 512.7 | 389.1 | 315.2 | 270.2 | 255.8  | 241.3 |
| 115°   | 1385.6 | 1227.4 | 1048.5 | 857.9 | 672.0 | 516.1 | 405.3 | 338.3 | 295.6 | 281.2  | 266.7 |
| 117.5° | 1292.1 | 1153.5 | 995.3  | 827.9 | 661.6 | 521.9 | 423.8 | 361.4 | 321.0 | 307.2  | 293.3 |
| 120°   | 1219.3 | 1092.3 | 953.8  | 803.7 | 654.7 | 531.2 | 442.2 | 386.8 | 346.4 | 332.0  | 317.5 |
| 122.5° | 1158.2 | 1048.5 | 922.6  | 782.9 | 648.9 | 539.2 | 463.0 | 411.1 | 370.7 | 356.2  | 341.8 |
| 125°   | 1110.8 | 1010.4 | 892.6  | 764.4 | 644.3 | 548.5 | 481.5 | 431.9 | 393.7 | 378.7  | 363.7 |
| 127.5° | 1068.1 | 973.4  | 861.4  | 747.1 | 642.0 | 558.9 | 498.8 | 452.6 | 415.7 | 400.7  | 385.7 |
| 130°   | 1024.2 | 934.1  | 832.5  | 729.8 | 639.7 | 568.1 | 516.1 | 472.3 | 436.5 | 421.4  | 406.4 |
| 132.5° | 976.9  | 897.2  | 803.7  | 715.9 | 639.7 | 578.5 | 531.2 | 490.7 | 454.9 | 439.9  | 424.9 |
| 135°   | 933.0  | 859.1  | 779.4  | 705.5 | 639.7 | 587.7 | 545.0 | 506.9 | 471.1 | 455.5  | 439.9 |
| 137.5° | 888.0  | 824.4  | 757.5  | 695.1 | 640.9 | 597.0 | 555.4 | 518.5 | 486.1 | 470.0  | 453.8 |
| 140°   | 847.5  | 794.4  | 740.2  | 688.2 | 642.0 | 602.7 | 565.8 | 531.2 | 497.7 | 482.1  | 466.5 |
| 142.5° | 812.9  | 769.0  | 725.1  | 682.4 | 643.2 | 606.2 | 571.6 | 539.2 | 508.1 | 493.6  | 479.2 |
| 145°   | 784.0  | 748.2  | 712.4  | 676.6 | 642.0 | 608.5 | 577.3 | 548.5 | 518.5 | 505.2  | 491.9 |
| 147.5° | 758.6  | 729.8  | 699.7  | 670.9 | 639.7 | 609.7 | 580.8 | 554.2 | 527.7 | 515.6  | 503.4 |
| 150°   | 736.7  | 714.8  | 689.3  | 663.9 | 636.2 | 609.7 | 584.3 | 560.0 | 534.6 | 524.8  | 515.0 |
| 152.5° | 719.4  | 699.7  | 677.8  | 655.9 | 631.6 | 608.5 | 586.6 | 565.8 | 542.7 | 534.0  | 525.4 |
| 155°   | 700.9  | 684.7  | 666.3  | 646.6 | 625.8 | 606.2 | 587.7 | 569.3 | 549.6 | 541.6  | 533.5 |
| 157.5° | 683.6  | 670.9  | 654.7  | 638.5 | 620.1 | 603.9 | 588.9 | 572.7 | 555.4 | 549.0  | 542.7 |
| 160°   | 666.3  | 654.7  | 643.2  | 628.1 | 614.3 | 600.4 | 588.9 | 575.0 | 560.0 | 554.8  | 549.6 |
| 162.5° | 650.1  | 640.9  | 630.5  | 618.9 | 607.4 | 597.0 | 587.7 | 577.3 | 564.6 | 560.6  | 556.6 |
| 165°   | 633.9  | 627.0  | 618.9  | 609.7 | 600.4 | 593.5 | 586.6 | 577.3 | 568.1 | 564.7  | 561.2 |
| 167.5° | 618.9  | 613.1  | 607.4  | 600.4 | 593.5 | 587.7 | 584.3 | 577.3 | 569.3 | 567.0  | 564.6 |
| 170°   | 605.1  | 601.6  | 598.1  | 592.4 | 587.7 | 584.3 | 582.0 | 577.3 | 571.6 | 569.8  | 568.1 |
| 172.5° | 593.5  | 591.2  | 587.7  | 584.3 | 580.8 | 579.7 | 579.7 | 576.2 | 571.6 | 571.0  | 570.4 |
| 175°   | 583.1  | 580.8  | 580.8  | 577.3 | 576.2 | 576.2 | 577.3 | 575.0 | 571.6 | 571.6  | 571.6 |
| 177.5° | 576.2  | 576.2  | 575.0  | 573.9 | 572.7 | 572.7 | 575.0 | 573.9 | 571.6 | 571.6  | 571.6 |
| 180°   | 572.7  | 572.7  | 572.7  | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7 | 572.7  | 572.7 |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1892.5 | 1892.5 | 1892.5 | 1892.5 |
| 2.5°   | 1849.0 | 1862.9 | 1876.9 | 1894.0 |
| 5°     | 1811.7 | 1836.5 | 1862.9 | 1887.8 |
| 7.5°   | 1771.3 | 1807.0 | 1841.2 | 1876.9 |
| 10°    | 1726.2 | 1771.3 | 1810.1 | 1859.8 |
| 12.5°  | 1676.5 | 1724.7 | 1779.0 | 1835.0 |
| 15°    | 1626.8 | 1687.4 | 1744.9 | 1808.6 |
| 17.5°  | 1580.2 | 1637.7 | 1701.4 | 1777.5 |
| 20°    | 1524.2 | 1587.9 | 1659.4 | 1740.2 |
| 22.5°  | 1465.2 | 1535.1 | 1612.8 | 1699.8 |
| 25°    | 1415.5 | 1486.9 | 1561.5 | 1653.2 |
| 27.5°  | 1361.1 | 1435.7 | 1508.7 | 1606.6 |
| 30°    | 1298.9 | 1379.7 | 1454.3 | 1555.3 |
| 32.5°  | 1239.9 | 1320.7 | 1403.0 | 1497.8 |
| 35°    | 1182.4 | 1261.6 | 1344.0 | 1440.3 |
| 37.5°  | 1128.0 | 1199.5 | 1280.3 | 1367.3 |
| 40°    | 1076.8 | 1142.0 | 1213.5 | 1292.7 |
| 42.5°  | 1011.5 | 1087.6 | 1154.4 | 1211.9 |
| 45°    | 955.6  | 1017.7 | 1079.9 | 1126.5 |
| 47.5°  | 890.3  | 952.4  | 1005.3 | 1042.6 |
| 50°    | 835.9  | 885.6  | 929.1  | 961.8  |
| 52.5°  | 770.7  | 817.3  | 853.0  | 877.9  |
| 55°    | 707.0  | 747.4  | 778.4  | 795.5  |
| 57.5°  | 649.5  | 675.9  | 699.2  | 714.7  |
| 60°    | 585.8  | 606.0  | 626.2  | 643.3  |
| 62.5°  | 517.4  | 539.2  | 550.0  | 568.7  |
| 65°    | 456.8  | 470.8  | 487.9  | 494.1  |
| 67.5°  | 397.8  | 405.5  | 416.4  | 428.8  |
| 70°    | 335.6  | 340.3  | 351.1  | 368.2  |
| 72.5°  | 281.2  | 285.9  | 293.7  | 299.9  |
| 75°    | 223.7  | 228.4  | 234.6  | 240.8  |
| 77.5°  | 175.6  | 177.1  | 180.2  | 186.5  |
| 80°    | 127.4  | 132.1  | 135.2  | 136.7  |
| 82.5°  | 88.6   | 90.1   | 90.1   | 91.7   |
| 85°    | 55.9   | 52.8   | 52.8   | 54.4   |
| 87.5°  | 20.2   | 23.3   | 23.3   | 26.4   |
| 90°    | 6.9    | 4.6    | 2.3    | 1.2    |
| 92.5°  | 49.7   | 32.3   | 20.8   | 17.3   |
| 95°    | 61.2   | 48.5   | 39.3   | 38.1   |
| 97.5°  | 79.7   | 67.0   | 60.0   | 58.9   |
| 100°   | 100.5  | 87.8   | 83.1   | 80.8   |
| 102.5° | 123.6  | 109.7  | 106.2  | 105.1  |
| 105°   | 147.8  | 136.3  | 130.5  | 130.5  |
| 107.5° | 172.0  | 162.8  | 157.0  | 154.7  |
| 110°   | 198.6  | 188.2  | 183.6  | 181.3  |

TEST NUMBER: P1028612

CATALOG NUMBER: S125RDIP-B1270D1270UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 224.0 | 213.6 | 210.2 | 207.8 |
| 115°   | 249.4 | 239.0 | 235.6 | 233.2 |
| 117.5° | 273.7 | 263.3 | 259.8 | 256.3 |
| 120°   | 297.9 | 287.5 | 282.9 | 279.4 |
| 122.5° | 319.8 | 309.5 | 306.0 | 303.7 |
| 125°   | 341.8 | 331.4 | 325.6 | 323.3 |
| 127.5° | 362.6 | 349.9 | 342.9 | 339.5 |
| 130°   | 382.2 | 367.2 | 358.0 | 354.5 |
| 132.5° | 399.5 | 382.2 | 370.7 | 366.0 |
| 135°   | 415.7 | 397.2 | 383.4 | 378.7 |
| 137.5° | 429.5 | 411.1 | 398.4 | 394.9 |
| 140°   | 444.6 | 426.1 | 412.2 | 408.8 |
| 142.5° | 458.4 | 439.9 | 427.2 | 424.9 |
| 145°   | 471.1 | 454.9 | 443.4 | 441.1 |
| 147.5° | 485.0 | 470.0 | 459.6 | 458.4 |
| 150°   | 498.8 | 483.8 | 475.7 | 473.4 |
| 152.5° | 510.4 | 497.7 | 490.7 | 489.6 |
| 155°   | 521.9 | 510.4 | 503.4 | 503.4 |
| 157.5° | 532.3 | 521.9 | 516.1 | 516.1 |
| 160°   | 540.4 | 532.3 | 527.7 | 528.8 |
| 162.5° | 549.6 | 542.7 | 538.1 | 539.2 |
| 165°   | 556.6 | 550.8 | 547.3 | 549.6 |
| 167.5° | 561.2 | 557.7 | 555.4 | 556.6 |
| 170°   | 565.8 | 563.5 | 562.3 | 563.5 |
| 172.5° | 569.3 | 567.0 | 565.8 | 568.1 |
| 175°   | 571.6 | 570.4 | 569.3 | 571.6 |
| 177.5° | 572.7 | 571.6 | 571.6 | 573.9 |
| 180°   | 572.7 | 572.7 | 572.7 | 572.7 |

(END OF REPORT)