

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: P1034751

Luminaire Tested: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1034751  
REPORT IS A COMBINATION OF REPORTS P1006192 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K  
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}  
{m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

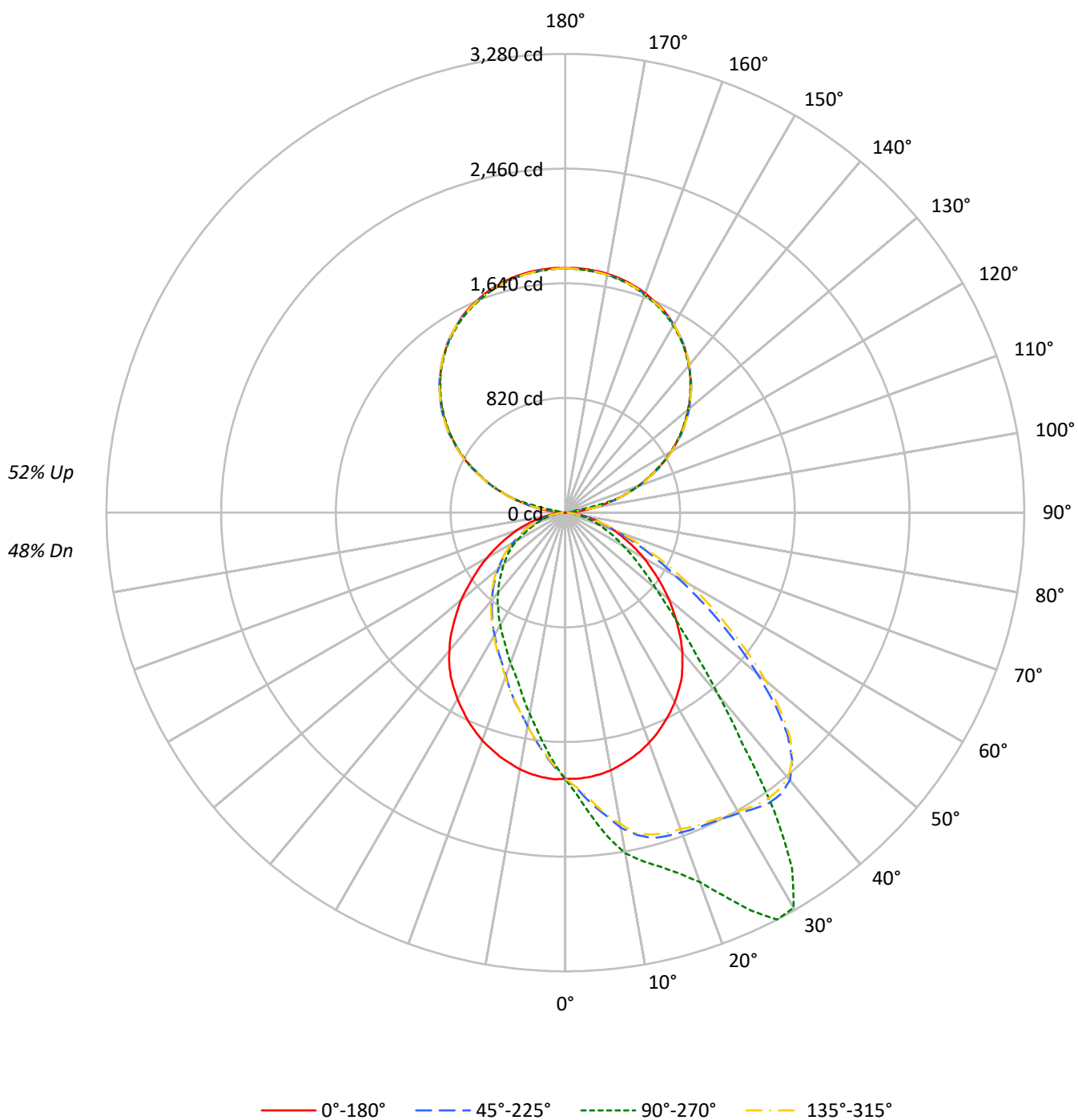
Lumens per Lamp: N/A  
Luminaire Lumens: 10301.0 lumens  
Efficiency: N/A  
Efficacy: 99.6 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 103.4  
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: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1034751

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 |
| 1   | 98  | 94  | 90  | 87  | 90 | 86 | 83 | 80 | 73 | 70 | 68 | 60 | 59 | 57 | 49 | 48 | 47 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 51 | 48 | 43 | 41 | 40 |
| 3   | 82  | 73  | 65  | 60  | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 39 | 36 | 34 |
| 4   | 75  | 64  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 39 | 36 | 35 | 32 | 30 |
| 5   | 69  | 57  | 50  | 44  | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 |
| 6   | 63  | 52  | 44  | 38  | 58 | 48 | 41 | 36 | 41 | 36 | 31 | 35 | 30 | 27 | 28 | 25 | 23 |
| 7   | 59  | 47  | 39  | 33  | 54 | 43 | 36 | 31 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 21 |
| 8   | 54  | 42  | 35  | 29  | 50 | 39 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 18 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 22 | 19 | 17 |
| 10  | 47  | 35  | 28  | 24  | 44 | 33 | 27 | 22 | 29 | 23 | 20 | 24 | 20 | 18 | 20 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12195 | 12195 | 12195 | 12195 |
| 5°  | 12184 | 13744 | 12184 | 10564 |
| 10° | 12116 | 15445 | 12075 | 9132  |
| 15° | 11985 | 16340 | 11902 | 7951  |
| 20° | 11825 | 17639 | 11720 | 7187  |
| 25° | 11618 | 19966 | 11488 | 6523  |
| 30° | 11408 | 21222 | 11236 | 6048  |
| 35° | 11135 | 17452 | 10979 | 5605  |
| 40° | 10650 | 11852 | 10561 | 5207  |
| 45° | 10015 | 8520  | 10001 | 4815  |
| 50° | 9363  | 6552  | 9408  | 4453  |
| 55° | 8629  | 5327  | 8612  | 4103  |
| 60° | 7945  | 4367  | 7907  | 3644  |
| 65° | 7150  | 3638  | 7195  | 2933  |
| 70° | 6491  | 2920  | 6465  | 2442  |
| 75° | 5484  | 2213  | 5484  | 2007  |
| 80° | 4443  | 1349  | 4392  | 1349  |
| 85° | 3127  | 709   | 3036  | 802   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17358 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 182.5   | 1.8       |
| 10°-20°   | 535.1   | 5.2       |
| 20°-30°   | 848.4   | 8.2       |
| 30°-40°   | 1025.2  | 10.0      |
| 40°-50°   | 912.8   | 8.9       |
| 50°-60°   | 699.9   | 6.8       |
| 60°-70°   | 454.6   | 4.4       |
| 70°-80°   | 220.6   | 2.1       |
| 80°-90°   | 54.5    | 0.5       |
| 90°-100°  | 59.3    | 0.6       |
| 100°-110° | 394.4   | 3.8       |
| 110°-120° | 710.2   | 6.9       |
| 120°-130° | 911.5   | 8.8       |
| 130°-140° | 980.4   | 9.5       |
| 140°-150° | 920.1   | 8.9       |
| 150°-160° | 744.3   | 7.2       |
| 160°-170° | 481.3   | 4.7       |
| 170°-180° | 166.0   | 1.6       |
| 0°-30°    | 1566.0  | 15.2      |
| 0°-40°    | 2591.2  | 25.2      |
| 0°-60°    | 4203.9  | 40.8      |
| 0°-90°    | 4933.6  | 47.9      |
| 90°-120°  | 1163.8  | 11.3      |
| 90°-150°  | 3975.8  | 38.6      |
| 90°-180°  | 5367.0  | 52.1      |
| 0°-180°   | 10301.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1903 | 1903 | 1903 | 1903 | 1903 |      |
| 5°   | 1899 | 2181 | 1899 | 1677 | 1899 | 180  |
| 15°  | 1819 | 2620 | 1806 | 1275 | 1819 | 513  |
| 25°  | 1663 | 3138 | 1644 | 1025 | 1663 | 766  |
| 35°  | 1449 | 2603 | 1428 | 836  | 1449 | 902  |
| 45°  | 1133 | 1164 | 1131 | 658  | 1133 | 874  |
| 55°  | 800  | 639  | 798  | 492  | 800  | 717  |
| 65°  | 497  | 362  | 500  | 292  | 497  | 497  |
| 75°  | 242  | 169  | 242  | 153  | 242  | 260  |
| 85°  | 55   | 36   | 53   | 41   | 55   | 62   |
| 90°  | 1    | 31   | 1    | 31   | 1    | 7    |
| 95°  | 74   | 27   | 74   | 27   | 74   | 90   |
| 105° | 381  | 385  | 381  | 385  | 381  | 403  |
| 115° | 715  | 710  | 715  | 710  | 715  | 709  |
| 125° | 1017 | 1017 | 1017 | 1017 | 1017 | 908  |
| 135° | 1268 | 1263 | 1268 | 1263 | 1268 | 978  |
| 145° | 1470 | 1466 | 1470 | 1466 | 1470 | 919  |
| 155° | 1619 | 1607 | 1619 | 1607 | 1619 | 746  |
| 165° | 1708 | 1699 | 1708 | 1699 | 1708 | 483  |
| 175° | 1747 | 1740 | 1747 | 1740 | 1747 | 166  |
| 180° | 1747 | 1747 | 1747 | 1747 | 1747 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1904.8 | 1920.5 | 1925.2 | 1937.7 | 1951.7 | 1954.8 | 1962.7 | 1973.6 | 1979.8 | 1978.3 | 1978.3 |
| 5°     | 1898.6 | 1925.2 | 1943.9 | 1965.8 | 1992.3 | 2003.3 | 2012.7 | 2036.1 | 2054.9 | 2065.8 | 2084.5 |
| 7.5°   | 1887.7 | 1926.7 | 1958.0 | 1990.8 | 2031.4 | 2050.2 | 2070.5 | 2103.3 | 2137.7 | 2159.5 | 2179.9 |
| 10°    | 1870.5 | 1920.5 | 1964.2 | 2012.7 | 2067.4 | 2095.5 | 2120.5 | 2170.5 | 2212.7 | 2240.8 | 2287.7 |
| 12.5°  | 1845.5 | 1908.0 | 1968.9 | 2033.0 | 2101.7 | 2131.4 | 2165.8 | 2220.5 | 2279.9 | 2320.5 | 2359.6 |
| 15°    | 1818.9 | 1893.9 | 1959.5 | 2036.1 | 2118.9 | 2164.2 | 2208.0 | 2265.8 | 2318.9 | 2364.3 | 2409.6 |
| 17.5°  | 1787.6 | 1867.3 | 1948.6 | 2036.1 | 2129.9 | 2175.2 | 2212.7 | 2281.4 | 2337.7 | 2383.0 | 2423.6 |
| 20°    | 1750.1 | 1839.2 | 1931.4 | 2028.3 | 2123.6 | 2165.8 | 2201.7 | 2276.7 | 2326.7 | 2375.2 | 2433.0 |
| 22.5°  | 1709.5 | 1806.4 | 1904.8 | 2000.2 | 2093.9 | 2139.2 | 2181.4 | 2247.1 | 2301.7 | 2367.4 | 2442.4 |
| 25°    | 1662.6 | 1768.9 | 1868.9 | 1964.2 | 2053.3 | 2095.5 | 2133.0 | 2204.9 | 2281.4 | 2364.3 | 2448.6 |
| 27.5°  | 1615.8 | 1718.9 | 1815.8 | 1903.3 | 2000.2 | 2039.2 | 2076.7 | 2167.4 | 2258.0 | 2345.5 | 2461.1 |
| 30°    | 1564.2 | 1668.9 | 1753.3 | 1834.5 | 1928.3 | 1968.9 | 2015.8 | 2118.9 | 2222.1 | 2340.8 | 2481.4 |
| 32.5°  | 1506.4 | 1601.7 | 1679.8 | 1764.2 | 1848.6 | 1898.6 | 1958.0 | 2070.5 | 2189.2 | 2331.4 | 2511.1 |
| 35°    | 1448.6 | 1525.1 | 1597.0 | 1676.7 | 1778.3 | 1831.4 | 1889.2 | 2008.0 | 2156.4 | 2326.7 | 2536.1 |
| 37.5°  | 1375.1 | 1448.6 | 1504.8 | 1586.1 | 1690.8 | 1753.3 | 1811.1 | 1948.6 | 2117.4 | 2315.8 | 2534.6 |
| 40°    | 1300.1 | 1362.6 | 1415.7 | 1500.1 | 1614.2 | 1672.0 | 1734.5 | 1884.5 | 2076.7 | 2284.6 | 2497.1 |
| 42.5°  | 1218.8 | 1272.0 | 1329.8 | 1411.1 | 1522.0 | 1578.3 | 1650.1 | 1825.1 | 2020.5 | 2240.8 | 2400.2 |
| 45°    | 1132.9 | 1184.5 | 1232.9 | 1317.3 | 1428.2 | 1489.2 | 1567.3 | 1747.0 | 1951.7 | 2148.6 | 2243.9 |
| 47.5°  | 1048.5 | 1093.8 | 1145.4 | 1218.8 | 1331.4 | 1398.5 | 1478.2 | 1670.4 | 1859.5 | 2025.2 | 2033.0 |
| 50°    | 967.3  | 1003.2 | 1047.0 | 1122.0 | 1239.2 | 1303.2 | 1386.0 | 1565.8 | 1750.1 | 1864.2 | 1787.6 |
| 52.5°  | 882.9  | 915.7  | 961.0  | 1026.6 | 1136.0 | 1211.0 | 1282.9 | 1462.6 | 1617.3 | 1693.9 | 1553.2 |
| 55°    | 800.1  | 828.2  | 875.1  | 948.5  | 1043.8 | 1101.7 | 1175.1 | 1342.3 | 1478.2 | 1479.8 | 1326.7 |
| 57.5°  | 718.8  | 743.8  | 782.9  | 848.5  | 937.6  | 1004.8 | 1072.0 | 1217.3 | 1309.5 | 1282.9 | 1112.6 |
| 60°    | 646.9  | 662.6  | 698.5  | 762.6  | 845.4  | 893.8  | 965.7  | 1087.6 | 1148.5 | 1100.1 | 917.3  |
| 62.5°  | 571.9  | 587.5  | 615.7  | 667.2  | 745.4  | 796.9  | 842.3  | 942.3  | 984.5  | 911.0  | 761.0  |
| 65°    | 496.9  | 515.7  | 536.0  | 576.6  | 650.1  | 684.4  | 725.1  | 798.5  | 839.1  | 753.2  | 623.5  |
| 67.5°  | 431.3  | 440.7  | 461.0  | 503.2  | 554.7  | 586.0  | 614.1  | 664.1  | 671.9  | 603.2  | 496.9  |
| 70°    | 370.3  | 373.5  | 392.2  | 417.2  | 456.3  | 475.0  | 498.5  | 528.2  | 528.2  | 471.9  | 387.5  |
| 72.5°  | 301.6  | 306.3  | 320.3  | 346.9  | 370.3  | 379.7  | 387.5  | 406.3  | 403.2  | 351.6  | 293.8  |
| 75°    | 242.2  | 245.3  | 256.3  | 268.8  | 278.1  | 295.3  | 301.6  | 298.5  | 296.9  | 253.1  | 220.3  |
| 77.5°  | 187.5  | 189.1  | 196.9  | 207.8  | 209.4  | 215.6  | 211.0  | 211.0  | 196.9  | 171.9  | 154.7  |
| 80°    | 137.5  | 139.1  | 142.2  | 145.3  | 145.3  | 145.3  | 145.3  | 137.5  | 128.1  | 112.5  | 107.8  |
| 82.5°  | 92.2   | 92.2   | 93.8   | 96.9   | 95.3   | 92.2   | 89.1   | 81.3   | 75.0   | 70.3   | 67.2   |
| 85°    | 54.7   | 54.7   | 56.3   | 54.7   | 48.4   | 46.9   | 43.8   | 42.2   | 40.6   | 39.1   | 39.1   |
| 87.5°  | 26.6   | 25.0   | 21.9   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 17.2   | 17.2   |
| 90°    | 1.3    | 3.6    | 5.9    | 8.2    | 10.5   | 11.7   | 12.7   | 14.7   | 16.7   | 18.7   | 20.7   |
| 92.5°  | 24.6   | 22.0   | 19.4   | 16.9   | 14.3   | 13.0   | 13.9   | 15.6   | 17.3   | 19.0   | 20.7   |
| 95°    | 73.8   | 72.9   | 72.1   | 71.2   | 70.3   | 69.9   | 64.4   | 53.5   | 42.6   | 31.6   | 20.7   |
| 97.5°  | 138.6  | 140.3  | 142.1  | 143.8  | 145.5  | 146.4  | 132.7  | 105.4  | 78.0   | 50.7   | 23.3   |
| 100°   | 216.3  | 217.2  | 218.0  | 218.9  | 219.8  | 220.2  | 220.8  | 221.9  | 223.1  | 224.2  | 225.4  |
| 102.5° | 295.3  | 296.5  | 297.6  | 298.8  | 299.9  | 300.5  | 300.8  | 301.4  | 301.9  | 302.5  | 303.1  |
| 105°   | 380.8  | 382.0  | 383.1  | 384.3  | 385.4  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  |
| 107.5° | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 469.2  | 469.8  | 470.3  | 470.9  | 471.5  |
| 110°   | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.7  | 555.3  | 555.8  | 556.4  | 557.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 634.7  | 635.6  | 636.4  | 637.3  | 638.2  | 638.6  | 638.7  | 639.0  | 639.3  | 639.6  | 639.9  |
| 115°   | 715.0  | 716.4  | 717.9  | 719.3  | 720.8  | 721.5  | 721.6  | 721.9  | 722.2  | 722.5  | 722.8  |
| 117.5° | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.8  | 800.9  | 802.1  | 803.2  | 804.4  |
| 120°   | 876.9  | 876.6  | 876.3  | 876.0  | 875.7  | 875.6  | 876.0  | 876.9  | 877.8  | 878.6  | 879.5  |
| 122.5° | 945.5  | 946.9  | 948.4  | 949.8  | 951.3  | 952.0  | 952.1  | 952.4  | 952.7  | 953.0  | 953.3  |
| 125°   | 1016.8 | 1018.8 | 1020.8 | 1022.9 | 1024.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 |
| 127.5° | 1085.4 | 1086.8 | 1088.3 | 1089.7 | 1091.2 | 1091.9 | 1091.8 | 1091.5 | 1091.2 | 1090.9 | 1090.6 |
| 130°   | 1147.6 | 1149.0 | 1150.5 | 1151.9 | 1153.4 | 1154.1 | 1154.2 | 1154.5 | 1154.8 | 1155.1 | 1155.4 |
| 132.5° | 1209.8 | 1211.5 | 1213.3 | 1215.0 | 1216.7 | 1217.6 | 1217.2 | 1216.3 | 1215.4 | 1214.6 | 1213.7 |
| 135°   | 1268.1 | 1269.8 | 1271.5 | 1273.2 | 1274.9 | 1275.8 | 1275.5 | 1275.0 | 1274.4 | 1273.9 | 1273.3 |
| 137.5° | 1322.5 | 1324.2 | 1325.9 | 1327.6 | 1329.3 | 1330.2 | 1329.9 | 1329.4 | 1328.8 | 1328.3 | 1327.7 |
| 140°   | 1375.6 | 1376.2 | 1376.8 | 1377.3 | 1377.9 | 1378.2 | 1378.1 | 1377.8 | 1377.5 | 1377.2 | 1376.9 |
| 142.5° | 1423.5 | 1423.8 | 1424.1 | 1424.4 | 1424.7 | 1424.8 | 1425.1 | 1425.7 | 1426.2 | 1426.8 | 1427.4 |
| 145°   | 1470.1 | 1470.7 | 1471.3 | 1471.8 | 1472.4 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 |
| 147.5° | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.7 | 1512.0 | 1512.3 | 1512.6 | 1512.9 |
| 150°   | 1550.4 | 1549.8 | 1549.3 | 1548.7 | 1548.2 | 1547.9 | 1548.2 | 1548.7 | 1549.3 | 1549.8 | 1550.4 |
| 152.5° | 1588.0 | 1586.6 | 1585.1 | 1583.7 | 1582.2 | 1581.5 | 1581.8 | 1582.4 | 1582.9 | 1583.5 | 1584.1 |
| 155°   | 1619.1 | 1617.4 | 1615.6 | 1613.9 | 1612.2 | 1611.3 | 1611.6 | 1612.2 | 1612.7 | 1613.3 | 1613.9 |
| 157.5° | 1643.7 | 1642.8 | 1642.0 | 1641.1 | 1640.2 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 |
| 160°   | 1669.6 | 1667.9 | 1666.1 | 1664.4 | 1662.7 | 1661.8 | 1661.9 | 1662.2 | 1662.5 | 1662.8 | 1663.1 |
| 162.5° | 1690.3 | 1688.6 | 1686.9 | 1685.2 | 1683.5 | 1682.6 | 1682.7 | 1683.0 | 1683.3 | 1683.6 | 1683.9 |
| 165°   | 1708.5 | 1706.8 | 1705.0 | 1703.3 | 1701.6 | 1700.7 | 1700.8 | 1701.1 | 1701.4 | 1701.7 | 1702.0 |
| 167.5° | 1722.7 | 1721.0 | 1719.2 | 1717.5 | 1715.8 | 1714.9 | 1715.0 | 1715.3 | 1715.6 | 1715.9 | 1716.2 |
| 170°   | 1734.4 | 1732.4 | 1730.4 | 1728.3 | 1726.3 | 1725.3 | 1725.4 | 1725.7 | 1726.0 | 1726.3 | 1726.6 |
| 172.5° | 1742.1 | 1740.1 | 1738.1 | 1736.1 | 1734.1 | 1733.1 | 1733.4 | 1734.0 | 1734.5 | 1735.1 | 1735.7 |
| 175°   | 1747.3 | 1745.6 | 1743.9 | 1742.2 | 1740.5 | 1739.6 | 1739.7 | 1740.0 | 1740.3 | 1740.5 | 1740.8 |
| 177.5° | 1751.2 | 1749.5 | 1747.7 | 1746.0 | 1744.3 | 1743.4 | 1743.5 | 1743.8 | 1744.1 | 1744.4 | 1744.7 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1986.1 | 1997.0 | 2006.4 | 2001.7 | 2020.5 | 2018.9 | 2022.0 | 2028.3 | 2029.9 | 2026.7 | 2020.5 |
| 5°     | 2093.9 | 2109.5 | 2136.1 | 2150.2 | 2147.0 | 2159.5 | 2165.8 | 2175.2 | 2184.5 | 2181.4 | 2181.4 |
| 7.5°   | 2214.2 | 2236.1 | 2262.7 | 2298.6 | 2303.3 | 2314.2 | 2333.0 | 2333.0 | 2343.9 | 2339.2 | 2337.7 |
| 10°    | 2318.9 | 2345.5 | 2387.7 | 2415.8 | 2428.3 | 2434.6 | 2453.3 | 2459.6 | 2472.1 | 2473.6 | 2473.6 |
| 12.5°  | 2404.9 | 2451.8 | 2479.9 | 2508.0 | 2514.3 | 2523.6 | 2537.7 | 2547.1 | 2551.8 | 2551.8 | 2547.1 |
| 15°    | 2450.2 | 2487.7 | 2520.5 | 2550.2 | 2567.4 | 2575.2 | 2589.3 | 2600.2 | 2606.5 | 2620.5 | 2623.6 |
| 17.5°  | 2468.9 | 2514.3 | 2567.4 | 2609.6 | 2639.3 | 2647.1 | 2675.2 | 2684.6 | 2697.1 | 2703.3 | 2711.2 |
| 20°    | 2495.5 | 2561.1 | 2625.2 | 2676.8 | 2704.9 | 2725.2 | 2754.9 | 2798.7 | 2811.2 | 2811.2 | 2806.5 |
| 22.5°  | 2519.0 | 2603.3 | 2690.8 | 2773.7 | 2797.1 | 2837.7 | 2892.4 | 2939.3 | 2958.0 | 2965.9 | 2959.6 |
| 25°    | 2547.1 | 2662.7 | 2776.8 | 2879.9 | 2944.0 | 2973.7 | 3047.1 | 3103.4 | 3125.3 | 3137.8 | 3140.9 |
| 27.5°  | 2595.5 | 2740.8 | 2886.2 | 3017.4 | 3083.1 | 3117.4 | 3194.0 | 3242.4 | 3269.0 | 3280.0 | 3272.1 |
| 30°    | 2650.2 | 2828.4 | 2997.1 | 3114.3 | 3158.1 | 3200.3 | 3250.3 | 3269.0 | 3262.8 | 3262.8 | 3286.2 |
| 32.5°  | 2706.5 | 2890.9 | 3040.9 | 3117.4 | 3133.1 | 3126.8 | 3106.5 | 3050.2 | 3017.4 | 3017.4 | 3037.7 |
| 35°    | 2737.7 | 2897.1 | 2973.7 | 2948.7 | 2887.7 | 2851.8 | 2740.8 | 2678.3 | 2608.0 | 2603.3 | 2626.8 |
| 37.5°  | 2720.5 | 2789.3 | 2758.0 | 2594.0 | 2511.1 | 2442.4 | 2268.9 | 2200.2 | 2148.6 | 2076.7 | 2187.7 |
| 40°    | 2600.2 | 2576.8 | 2414.3 | 2178.3 | 2086.1 | 1989.2 | 1851.7 | 1783.0 | 1711.1 | 1700.1 | 1726.7 |
| 42.5°  | 2397.1 | 2258.0 | 2020.5 | 1792.3 | 1698.6 | 1629.8 | 1525.1 | 1457.9 | 1412.6 | 1393.9 | 1425.1 |
| 45°    | 2143.9 | 1925.2 | 1687.6 | 1506.4 | 1403.2 | 1367.3 | 1272.0 | 1212.6 | 1178.2 | 1164.2 | 1186.0 |
| 47.5°  | 1834.5 | 1614.2 | 1389.2 | 1236.0 | 1175.1 | 1139.2 | 1075.1 | 1023.5 | 993.8  | 984.5  | 993.8  |
| 50°    | 1557.9 | 1331.4 | 1142.3 | 1043.8 | 989.1  | 959.5  | 906.3  | 873.5  | 850.1  | 843.8  | 859.4  |
| 52.5°  | 1318.9 | 1112.6 | 968.8  | 881.3  | 845.4  | 820.4  | 782.9  | 754.7  | 740.7  | 734.4  | 745.4  |
| 55°    | 1104.8 | 937.6  | 821.9  | 746.9  | 720.4  | 704.7  | 671.9  | 656.3  | 640.7  | 639.1  | 650.1  |
| 57.5°  | 915.7  | 800.1  | 693.8  | 640.7  | 632.9  | 609.4  | 581.3  | 567.2  | 559.4  | 557.9  | 562.5  |
| 60°    | 762.6  | 659.4  | 595.4  | 548.5  | 537.5  | 518.8  | 503.2  | 493.8  | 484.4  | 481.3  | 484.4  |
| 62.5°  | 634.4  | 553.2  | 501.6  | 470.4  | 454.7  | 450.0  | 432.8  | 421.9  | 420.3  | 420.3  | 423.5  |
| 65°    | 523.5  | 454.7  | 421.9  | 396.9  | 386.0  | 381.3  | 368.8  | 361.0  | 362.5  | 362.5  | 364.1  |
| 67.5°  | 426.6  | 376.6  | 346.9  | 334.4  | 325.0  | 323.5  | 311.0  | 307.8  | 304.7  | 304.7  | 307.8  |
| 70°    | 339.1  | 307.8  | 286.0  | 279.7  | 278.1  | 267.2  | 262.5  | 261.0  | 256.3  | 257.8  | 257.8  |
| 72.5°  | 265.6  | 245.3  | 232.8  | 223.5  | 225.0  | 218.8  | 212.5  | 212.5  | 209.4  | 214.1  | 214.1  |
| 75°    | 196.9  | 187.5  | 178.1  | 175.0  | 178.1  | 175.0  | 170.3  | 168.8  | 170.3  | 168.8  | 168.8  |
| 77.5°  | 145.3  | 140.6  | 137.5  | 135.9  | 135.9  | 129.7  | 126.6  | 129.7  | 123.4  | 126.6  | 126.6  |
| 80°    | 101.6  | 95.3   | 93.8   | 90.6   | 92.2   | 87.5   | 89.1   | 85.9   | 85.9   | 85.9   | 85.9   |
| 82.5°  | 64.1   | 62.5   | 62.5   | 62.5   | 60.9   | 60.9   | 60.9   | 60.9   | 60.9   | 60.9   | 59.4   |
| 85°    | 39.1   | 37.5   | 37.5   | 37.5   | 35.9   | 35.9   | 35.9   | 35.9   | 35.9   | 35.9   | 35.9   |
| 87.5°  | 15.6   | 17.2   | 17.2   | 18.8   | 17.2   | 15.6   | 15.6   | 15.6   | 17.2   | 17.2   | 15.6   |
| 90°    | 22.1   | 23.6   | 25.0   | 26.5   | 27.2   | 27.6   | 28.5   | 29.4   | 30.2   | 31.1   | 30.2   |
| 92.5°  | 22.1   | 23.6   | 25.0   | 26.5   | 27.2   | 27.3   | 27.6   | 27.9   | 28.2   | 28.5   | 28.2   |
| 95°    | 22.1   | 23.6   | 25.0   | 26.5   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   |
| 97.5°  | 23.9   | 24.5   | 25.0   | 25.6   | 25.9   | 26.0   | 26.3   | 26.6   | 26.9   | 27.2   | 26.9   |
| 100°   | 182.5  | 139.6  | 96.7   | 53.8   | 32.4   | 31.8   | 30.7   | 29.5   | 28.4   | 27.2   | 28.4   |
| 102.5° | 303.7  | 304.3  | 304.8  | 305.4  | 305.7  | 293.6  | 269.4  | 245.3  | 221.1  | 196.9  | 221.1  |
| 105°   | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 385.9  | 385.6  | 385.3  | 385.0  | 384.7  | 385.0  |
| 107.5° | 471.8  | 472.1  | 472.4  | 472.7  | 472.8  | 472.2  | 471.1  | 469.9  | 468.8  | 467.6  | 468.8  |
| 110°   | 556.1  | 555.3  | 554.4  | 553.5  | 553.1  | 553.2  | 553.5  | 553.8  | 554.1  | 554.4  | 554.1  |

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CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 638.7  | 637.6  | 636.4  | 635.3  | 634.7  | 634.4  | 633.8  | 633.3  | 632.7  | 632.1  | 632.7  |
| 115°   | 721.6  | 720.5  | 719.3  | 718.2  | 717.6  | 716.7  | 715.0  | 713.3  | 711.5  | 709.8  | 711.5  |
| 117.5° | 802.7  | 800.9  | 799.2  | 797.5  | 796.6  | 796.3  | 795.7  | 795.2  | 794.6  | 794.0  | 794.6  |
| 120°   | 878.9  | 878.3  | 877.8  | 877.2  | 876.9  | 876.2  | 874.7  | 873.3  | 871.8  | 870.4  | 871.8  |
| 122.5° | 952.7  | 952.1  | 951.6  | 951.0  | 950.7  | 949.8  | 948.1  | 946.4  | 944.7  | 943.0  | 944.7  |
| 125°   | 1024.7 | 1023.6 | 1022.4 | 1021.3 | 1020.7 | 1020.3 | 1019.4 | 1018.5 | 1017.7 | 1016.8 | 1017.7 |
| 127.5° | 1090.0 | 1089.4 | 1088.9 | 1088.3 | 1088.0 | 1086.9 | 1084.6 | 1082.3 | 1080.0 | 1077.7 | 1080.0 |
| 130°   | 1154.5 | 1153.7 | 1152.8 | 1151.9 | 1151.5 | 1150.8 | 1149.3 | 1147.9 | 1146.4 | 1145.0 | 1146.4 |
| 132.5° | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.0 | 1211.5 | 1210.1 | 1208.6 | 1207.2 | 1208.6 |
| 135°   | 1272.7 | 1272.1 | 1271.6 | 1271.0 | 1270.7 | 1269.8 | 1268.1 | 1266.4 | 1264.6 | 1262.9 | 1264.6 |
| 137.5° | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.0 | 1325.5 | 1324.1 | 1322.6 | 1321.2 | 1322.6 |
| 140°   | 1377.5 | 1378.1 | 1378.6 | 1379.2 | 1379.5 | 1378.6 | 1376.9 | 1375.2 | 1373.4 | 1371.7 | 1373.4 |
| 142.5° | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1426.5 | 1424.8 | 1423.1 | 1421.3 | 1419.6 | 1421.3 |
| 145°   | 1473.0 | 1473.3 | 1473.6 | 1473.9 | 1474.0 | 1473.1 | 1471.4 | 1469.7 | 1467.9 | 1466.2 | 1467.9 |
| 147.5° | 1513.2 | 1513.5 | 1513.8 | 1514.1 | 1514.2 | 1513.2 | 1511.2 | 1509.1 | 1507.1 | 1505.1 | 1507.1 |
| 150°   | 1551.0 | 1551.6 | 1552.1 | 1552.7 | 1553.0 | 1551.9 | 1549.6 | 1547.3 | 1545.0 | 1542.7 | 1545.0 |
| 152.5° | 1584.7 | 1585.3 | 1585.8 | 1586.4 | 1586.7 | 1585.7 | 1583.7 | 1581.6 | 1579.6 | 1577.6 | 1579.6 |
| 155°   | 1614.8 | 1615.6 | 1616.5 | 1617.4 | 1617.8 | 1616.6 | 1614.3 | 1612.0 | 1609.7 | 1607.4 | 1609.7 |
| 157.5° | 1640.7 | 1641.5 | 1642.4 | 1643.3 | 1643.7 | 1642.5 | 1640.2 | 1637.9 | 1635.6 | 1633.3 | 1635.6 |
| 160°   | 1664.3 | 1665.4 | 1666.6 | 1667.7 | 1668.3 | 1667.1 | 1664.8 | 1662.5 | 1660.2 | 1657.9 | 1660.2 |
| 162.5° | 1685.6 | 1687.3 | 1689.0 | 1690.7 | 1691.6 | 1690.3 | 1687.7 | 1685.2 | 1682.6 | 1680.0 | 1682.6 |
| 165°   | 1703.7 | 1705.5 | 1707.2 | 1708.9 | 1709.8 | 1708.6 | 1706.3 | 1704.0 | 1701.7 | 1699.4 | 1701.7 |
| 167.5° | 1718.2 | 1720.2 | 1722.3 | 1724.3 | 1725.3 | 1724.0 | 1721.4 | 1718.8 | 1716.2 | 1713.6 | 1716.2 |
| 170°   | 1728.9 | 1731.2 | 1733.5 | 1735.8 | 1737.0 | 1735.7 | 1733.1 | 1730.5 | 1727.9 | 1725.3 | 1727.9 |
| 172.5° | 1737.7 | 1739.7 | 1741.7 | 1743.7 | 1744.7 | 1743.4 | 1740.8 | 1738.3 | 1735.7 | 1733.1 | 1735.7 |
| 175°   | 1743.1 | 1745.4 | 1747.7 | 1750.0 | 1751.2 | 1749.9 | 1747.3 | 1744.8 | 1742.2 | 1739.6 | 1742.2 |
| 177.5° | 1746.7 | 1748.7 | 1750.8 | 1752.8 | 1753.8 | 1752.6 | 1750.3 | 1748.0 | 1745.7 | 1743.4 | 1745.7 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

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CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 2028.3 | 2017.3 | 2022.0 | 2017.3 | 2012.7 | 2008.0 | 1997.0 | 1981.4 | 1968.9 | 1959.5 | 1958.0 |
| 5°     | 2184.5 | 2170.5 | 2161.1 | 2156.4 | 2147.0 | 2134.5 | 2114.2 | 2090.8 | 2062.7 | 2051.7 | 2029.9 |
| 7.5°   | 2328.3 | 2323.6 | 2301.7 | 2298.6 | 2292.4 | 2268.9 | 2234.6 | 2203.3 | 2167.4 | 2137.7 | 2109.5 |
| 10°    | 2464.3 | 2453.3 | 2437.7 | 2415.8 | 2412.7 | 2383.0 | 2350.2 | 2306.4 | 2259.6 | 2231.4 | 2181.4 |
| 12.5°  | 2548.6 | 2536.1 | 2519.0 | 2504.9 | 2497.1 | 2478.3 | 2433.0 | 2389.3 | 2347.1 | 2295.5 | 2251.7 |
| 15°    | 2609.6 | 2594.0 | 2562.7 | 2551.8 | 2542.4 | 2517.4 | 2484.6 | 2439.3 | 2383.0 | 2347.1 | 2284.6 |
| 17.5°  | 2692.4 | 2673.7 | 2642.4 | 2622.1 | 2604.9 | 2565.8 | 2519.0 | 2458.0 | 2404.9 | 2364.3 | 2308.0 |
| 20°    | 2787.7 | 2759.6 | 2719.0 | 2692.4 | 2667.4 | 2622.1 | 2556.5 | 2484.6 | 2408.0 | 2358.0 | 2300.2 |
| 22.5°  | 2945.5 | 2892.4 | 2828.4 | 2790.8 | 2756.5 | 2678.3 | 2600.2 | 2511.1 | 2425.2 | 2350.2 | 2279.9 |
| 25°    | 3098.7 | 3045.6 | 2965.9 | 2914.3 | 2861.2 | 2770.5 | 2667.4 | 2544.0 | 2434.6 | 2347.1 | 2254.9 |
| 27.5°  | 3240.9 | 3186.2 | 3112.7 | 3050.2 | 2998.7 | 2862.7 | 2726.8 | 2587.7 | 2448.6 | 2328.3 | 2234.6 |
| 30°    | 3273.7 | 3250.3 | 3194.0 | 3139.3 | 3092.4 | 2967.4 | 2809.6 | 2633.0 | 2465.8 | 2311.1 | 2206.4 |
| 32.5°  | 3075.2 | 3133.1 | 3147.1 | 3139.3 | 3109.6 | 3020.6 | 2875.2 | 2689.3 | 2490.8 | 2303.3 | 2159.5 |
| 35°    | 2662.7 | 2767.4 | 2875.2 | 2933.0 | 2961.2 | 2973.7 | 2887.7 | 2717.4 | 2508.0 | 2290.8 | 2128.3 |
| 37.5°  | 2208.0 | 2309.6 | 2479.9 | 2565.8 | 2661.2 | 2786.2 | 2820.5 | 2711.2 | 2500.2 | 2281.4 | 2078.3 |
| 40°    | 1814.2 | 1943.9 | 2084.5 | 2162.7 | 2245.5 | 2470.5 | 2640.8 | 2628.3 | 2475.2 | 2247.1 | 2039.2 |
| 42.5°  | 1476.7 | 1557.9 | 1681.4 | 1767.3 | 1868.9 | 2120.5 | 2348.6 | 2461.1 | 2400.2 | 2204.9 | 1989.2 |
| 45°    | 1231.3 | 1293.9 | 1381.4 | 1468.9 | 1531.4 | 1759.5 | 2029.9 | 2214.2 | 2272.1 | 2129.9 | 1912.7 |
| 47.5°  | 1037.6 | 1084.5 | 1161.0 | 1215.7 | 1282.9 | 1462.6 | 1697.0 | 1956.4 | 2078.3 | 2023.6 | 1831.4 |
| 50°    | 889.1  | 926.6  | 987.6  | 1022.0 | 1081.3 | 1236.0 | 1414.2 | 1686.1 | 1870.5 | 1876.7 | 1723.6 |
| 52.5°  | 759.4  | 796.9  | 848.5  | 878.2  | 914.1  | 1018.8 | 1198.5 | 1428.2 | 1640.8 | 1718.9 | 1600.1 |
| 55°    | 661.0  | 682.9  | 725.1  | 748.5  | 781.3  | 882.9  | 997.0  | 1192.3 | 1414.2 | 1542.3 | 1467.3 |
| 57.5°  | 570.4  | 593.8  | 620.4  | 639.1  | 662.6  | 743.8  | 846.9  | 993.8  | 1214.2 | 1353.2 | 1328.2 |
| 60°    | 496.9  | 511.0  | 536.0  | 550.0  | 571.9  | 625.1  | 696.9  | 843.8  | 1018.8 | 1150.1 | 1164.2 |
| 62.5°  | 428.2  | 440.7  | 457.8  | 470.4  | 484.4  | 526.6  | 579.7  | 684.4  | 837.6  | 979.8  | 998.5  |
| 65°    | 368.8  | 379.7  | 389.1  | 400.0  | 411.0  | 437.5  | 482.9  | 564.1  | 682.9  | 815.7  | 856.3  |
| 67.5°  | 315.7  | 318.8  | 332.8  | 334.4  | 340.7  | 361.0  | 393.8  | 459.4  | 545.4  | 651.6  | 704.7  |
| 70°    | 264.1  | 270.3  | 273.5  | 278.1  | 284.4  | 298.5  | 325.0  | 359.4  | 423.5  | 509.4  | 559.4  |
| 72.5°  | 214.1  | 215.6  | 220.3  | 223.5  | 229.7  | 240.6  | 253.1  | 279.7  | 320.3  | 382.8  | 428.2  |
| 75°    | 170.3  | 171.9  | 175.0  | 176.6  | 181.3  | 184.4  | 190.6  | 209.4  | 237.5  | 275.0  | 307.8  |
| 77.5°  | 128.1  | 131.3  | 134.4  | 134.4  | 135.9  | 139.1  | 142.2  | 148.4  | 162.5  | 187.5  | 215.6  |
| 80°    | 87.5   | 89.1   | 89.1   | 90.6   | 89.1   | 93.8   | 98.4   | 106.3  | 112.5  | 120.3  | 134.4  |
| 82.5°  | 60.9   | 60.9   | 60.9   | 62.5   | 62.5   | 64.1   | 64.1   | 65.6   | 67.2   | 71.9   | 78.1   |
| 85°    | 37.5   | 37.5   | 39.1   | 35.9   | 37.5   | 39.1   | 39.1   | 37.5   | 39.1   | 40.6   | 42.2   |
| 87.5°  | 15.6   | 15.6   | 17.2   | 17.2   | 17.2   | 17.2   | 15.6   | 17.2   | 15.6   | 17.2   | 17.2   |
| 90°    | 29.4   | 28.5   | 27.6   | 27.2   | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 18.7   | 16.7   |
| 92.5°  | 27.9   | 27.6   | 27.3   | 27.2   | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 19.0   | 17.3   |
| 95°    | 27.2   | 27.2   | 27.2   | 27.2   | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 31.6   | 42.6   |
| 97.5°  | 26.6   | 26.3   | 26.0   | 25.9   | 25.6   | 25.0   | 24.5   | 23.9   | 23.3   | 50.7   | 78.0   |
| 100°   | 29.5   | 30.7   | 31.8   | 32.4   | 53.8   | 96.7   | 139.6  | 182.5  | 225.4  | 224.2  | 223.1  |
| 102.5° | 245.3  | 269.4  | 293.6  | 305.7  | 305.4  | 304.8  | 304.3  | 303.7  | 303.1  | 302.5  | 301.9  |
| 105°   | 385.3  | 385.6  | 385.9  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  |
| 107.5° | 469.9  | 471.1  | 472.2  | 472.8  | 472.7  | 472.4  | 472.1  | 471.8  | 471.5  | 470.9  | 470.3  |
| 110°   | 553.8  | 553.5  | 553.2  | 553.1  | 553.5  | 554.4  | 555.3  | 556.1  | 557.0  | 556.4  | 555.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 633.3  | 633.8  | 634.4  | 634.7  | 635.3  | 636.4  | 637.6  | 638.7  | 639.9  | 639.6  | 639.3  |
| 115°   | 713.3  | 715.0  | 716.7  | 717.6  | 718.2  | 719.3  | 720.5  | 721.6  | 722.8  | 722.5  | 722.2  |
| 117.5° | 795.2  | 795.7  | 796.3  | 796.6  | 797.5  | 799.2  | 800.9  | 802.7  | 804.4  | 803.2  | 802.1  |
| 120°   | 873.3  | 874.7  | 876.2  | 876.9  | 877.2  | 877.8  | 878.3  | 878.9  | 879.5  | 878.6  | 877.8  |
| 122.5° | 946.4  | 948.1  | 949.8  | 950.7  | 951.0  | 951.6  | 952.1  | 952.7  | 953.3  | 953.0  | 952.7  |
| 125°   | 1018.5 | 1019.4 | 1020.3 | 1020.7 | 1021.3 | 1022.4 | 1023.6 | 1024.7 | 1025.9 | 1025.9 | 1025.9 |
| 127.5° | 1082.3 | 1084.6 | 1086.9 | 1088.0 | 1088.3 | 1088.9 | 1089.4 | 1090.0 | 1090.6 | 1090.9 | 1091.2 |
| 130°   | 1147.9 | 1149.3 | 1150.8 | 1151.5 | 1151.9 | 1152.8 | 1153.7 | 1154.5 | 1155.4 | 1155.1 | 1154.8 |
| 132.5° | 1210.1 | 1211.5 | 1213.0 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1214.6 | 1215.4 |
| 135°   | 1266.4 | 1268.1 | 1269.8 | 1270.7 | 1271.0 | 1271.6 | 1272.1 | 1272.7 | 1273.3 | 1273.9 | 1274.4 |
| 137.5° | 1324.1 | 1325.5 | 1327.0 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1328.3 | 1328.8 |
| 140°   | 1375.2 | 1376.9 | 1378.6 | 1379.5 | 1379.2 | 1378.6 | 1378.1 | 1377.5 | 1376.9 | 1377.2 | 1377.5 |
| 142.5° | 1423.1 | 1424.8 | 1426.5 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1426.8 | 1426.2 |
| 145°   | 1469.7 | 1471.4 | 1473.1 | 1474.0 | 1473.9 | 1473.6 | 1473.3 | 1473.0 | 1472.7 | 1472.7 | 1472.7 |
| 147.5° | 1509.1 | 1511.2 | 1513.2 | 1514.2 | 1514.1 | 1513.8 | 1513.5 | 1513.2 | 1512.9 | 1512.6 | 1512.3 |
| 150°   | 1547.3 | 1549.6 | 1551.9 | 1553.0 | 1552.7 | 1552.1 | 1551.6 | 1551.0 | 1550.4 | 1549.8 | 1549.3 |
| 152.5° | 1581.6 | 1583.7 | 1585.7 | 1586.7 | 1586.4 | 1585.8 | 1585.3 | 1584.7 | 1584.1 | 1583.5 | 1582.9 |
| 155°   | 1612.0 | 1614.3 | 1616.6 | 1617.8 | 1617.4 | 1616.5 | 1615.6 | 1614.8 | 1613.9 | 1613.3 | 1612.7 |
| 157.5° | 1637.9 | 1640.2 | 1642.5 | 1643.7 | 1643.3 | 1642.4 | 1641.5 | 1640.7 | 1639.8 | 1639.8 | 1639.8 |
| 160°   | 1662.5 | 1664.8 | 1667.1 | 1668.3 | 1667.7 | 1666.6 | 1665.4 | 1664.3 | 1663.1 | 1662.8 | 1662.5 |
| 162.5° | 1685.2 | 1687.7 | 1690.3 | 1691.6 | 1690.7 | 1689.0 | 1687.3 | 1685.6 | 1683.9 | 1683.6 | 1683.3 |
| 165°   | 1704.0 | 1706.3 | 1708.6 | 1709.8 | 1708.9 | 1707.2 | 1705.5 | 1703.7 | 1702.0 | 1701.7 | 1701.4 |
| 167.5° | 1718.8 | 1721.4 | 1724.0 | 1725.3 | 1724.3 | 1722.3 | 1720.2 | 1718.2 | 1716.2 | 1715.9 | 1715.6 |
| 170°   | 1730.5 | 1733.1 | 1735.7 | 1737.0 | 1735.8 | 1733.5 | 1731.2 | 1728.9 | 1726.6 | 1726.3 | 1726.0 |
| 172.5° | 1738.3 | 1740.8 | 1743.4 | 1744.7 | 1743.7 | 1741.7 | 1739.7 | 1737.7 | 1735.7 | 1735.1 | 1734.5 |
| 175°   | 1744.8 | 1747.3 | 1749.9 | 1751.2 | 1750.0 | 1747.7 | 1745.4 | 1743.1 | 1740.8 | 1740.5 | 1740.3 |
| 177.5° | 1748.0 | 1750.3 | 1752.6 | 1753.8 | 1752.8 | 1750.8 | 1748.7 | 1746.7 | 1744.7 | 1744.4 | 1744.1 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1953.3 | 1943.9 | 1937.7 | 1936.1 | 1926.7 | 1918.9 | 1909.5 | 1908.0 | 1903.3 | 1890.8 | 1883.0 |
| 5°     | 2014.2 | 1992.3 | 1987.7 | 1973.6 | 1950.2 | 1933.0 | 1911.1 | 1898.6 | 1884.5 | 1861.1 | 1842.3 |
| 7.5°   | 2076.7 | 2047.0 | 2025.2 | 2004.8 | 1972.0 | 1940.8 | 1909.5 | 1884.5 | 1859.5 | 1825.1 | 1797.0 |
| 10°    | 2137.7 | 2092.4 | 2065.8 | 2036.1 | 1990.8 | 1943.9 | 1900.2 | 1864.2 | 1823.6 | 1783.0 | 1742.3 |
| 12.5°  | 2193.9 | 2136.1 | 2097.0 | 2054.9 | 1998.6 | 1940.8 | 1884.5 | 1834.5 | 1792.3 | 1737.6 | 1692.3 |
| 15°    | 2228.3 | 2164.2 | 2125.2 | 2084.5 | 2000.2 | 1936.1 | 1870.5 | 1806.4 | 1750.1 | 1692.3 | 1650.1 |
| 17.5°  | 2248.6 | 2176.7 | 2133.0 | 2095.5 | 2009.5 | 1922.0 | 1837.6 | 1768.9 | 1707.9 | 1639.2 | 1582.9 |
| 20°    | 2239.2 | 2168.9 | 2128.3 | 2092.4 | 1992.3 | 1904.8 | 1814.2 | 1734.5 | 1657.9 | 1587.6 | 1528.2 |
| 22.5°  | 2218.9 | 2145.5 | 2100.2 | 2067.4 | 1978.3 | 1875.2 | 1775.1 | 1689.2 | 1609.5 | 1539.2 | 1472.0 |
| 25°    | 2175.2 | 2103.3 | 2064.2 | 2023.6 | 1936.1 | 1837.6 | 1736.1 | 1643.9 | 1559.5 | 1484.5 | 1409.5 |
| 27.5°  | 2136.1 | 2048.6 | 2008.0 | 1972.0 | 1879.8 | 1792.3 | 1692.3 | 1590.8 | 1504.8 | 1426.7 | 1351.7 |
| 30°    | 2090.8 | 1992.3 | 1948.6 | 1900.2 | 1817.3 | 1734.5 | 1634.5 | 1540.7 | 1451.7 | 1368.9 | 1297.0 |
| 32.5°  | 2042.4 | 1928.3 | 1878.3 | 1823.6 | 1739.2 | 1661.1 | 1576.7 | 1484.5 | 1395.4 | 1314.2 | 1239.2 |
| 35°    | 1979.8 | 1858.0 | 1800.1 | 1748.6 | 1661.1 | 1582.9 | 1504.8 | 1428.2 | 1339.2 | 1253.2 | 1181.3 |
| 37.5°  | 1920.5 | 1786.1 | 1725.1 | 1665.8 | 1573.6 | 1498.6 | 1434.5 | 1362.6 | 1276.7 | 1193.8 | 1125.1 |
| 40°    | 1853.3 | 1698.6 | 1636.1 | 1581.4 | 1486.1 | 1403.2 | 1345.4 | 1289.2 | 1214.2 | 1134.5 | 1059.5 |
| 42.5°  | 1792.3 | 1617.3 | 1551.7 | 1495.4 | 1395.4 | 1317.3 | 1262.6 | 1215.7 | 1150.1 | 1076.6 | 1000.1 |
| 45°    | 1707.9 | 1529.8 | 1462.6 | 1403.2 | 1301.7 | 1228.2 | 1172.0 | 1131.3 | 1079.8 | 1011.0 | 942.3  |
| 47.5°  | 1629.8 | 1445.4 | 1372.0 | 1300.1 | 1207.9 | 1132.9 | 1081.3 | 1050.1 | 1015.7 | 954.8  | 884.4  |
| 50°    | 1534.5 | 1348.5 | 1273.5 | 1214.2 | 1109.5 | 1045.4 | 993.8  | 972.0  | 940.7  | 882.9  | 826.6  |
| 52.5°  | 1431.4 | 1254.8 | 1184.5 | 1112.6 | 1015.7 | 953.2  | 907.9  | 882.9  | 857.9  | 815.7  | 762.6  |
| 55°    | 1311.0 | 1150.1 | 1084.5 | 1020.4 | 923.5  | 865.7  | 825.1  | 798.5  | 784.4  | 745.4  | 706.3  |
| 57.5°  | 1195.4 | 1043.8 | 982.9  | 923.5  | 839.1  | 773.5  | 746.9  | 723.5  | 703.2  | 675.1  | 642.2  |
| 60°    | 1078.2 | 940.7  | 875.1  | 821.9  | 748.5  | 689.1  | 667.2  | 643.8  | 628.2  | 606.3  | 582.9  |
| 62.5°  | 943.8  | 826.6  | 776.6  | 726.6  | 664.1  | 617.2  | 592.2  | 573.5  | 553.2  | 539.1  | 518.8  |
| 65°    | 801.6  | 718.8  | 670.4  | 632.9  | 573.5  | 531.3  | 512.5  | 500.0  | 482.9  | 468.8  | 453.2  |
| 67.5°  | 668.8  | 603.2  | 582.9  | 542.2  | 496.9  | 459.4  | 445.3  | 429.7  | 415.7  | 407.8  | 393.8  |
| 70°    | 540.7  | 493.8  | 473.5  | 462.5  | 412.5  | 387.5  | 375.0  | 368.8  | 351.6  | 343.8  | 334.4  |
| 72.5°  | 418.8  | 401.6  | 387.5  | 373.5  | 340.7  | 325.0  | 311.0  | 304.7  | 292.2  | 286.0  | 282.8  |
| 75°    | 309.4  | 298.5  | 290.6  | 289.1  | 275.0  | 259.4  | 245.3  | 242.2  | 232.8  | 226.6  | 223.5  |
| 77.5°  | 217.2  | 214.1  | 212.5  | 214.1  | 204.7  | 195.3  | 192.2  | 189.1  | 178.1  | 176.6  | 176.6  |
| 80°    | 142.2  | 150.0  | 150.0  | 148.4  | 145.3  | 143.8  | 139.1  | 135.9  | 129.7  | 128.1  | 129.7  |
| 82.5°  | 87.5   | 92.2   | 93.8   | 96.9   | 95.3   | 93.8   | 90.6   | 89.1   | 90.6   | 87.5   | 89.1   |
| 85°    | 43.8   | 46.9   | 53.1   | 53.1   | 54.7   | 54.7   | 54.7   | 53.1   | 50.0   | 51.6   | 50.0   |
| 87.5°  | 17.2   | 18.8   | 18.8   | 18.8   | 17.2   | 21.9   | 23.4   | 23.4   | 23.4   | 20.3   | 20.3   |
| 90°    | 14.7   | 12.7   | 11.7   | 10.5   | 8.2    | 5.9    | 3.6    | 1.3    | 3.6    | 5.9    | 8.2    |
| 92.5°  | 15.6   | 13.9   | 13.0   | 14.3   | 16.9   | 19.4   | 22.0   | 24.6   | 22.0   | 19.4   | 16.9   |
| 95°    | 53.5   | 64.4   | 69.9   | 70.3   | 71.2   | 72.1   | 72.9   | 73.8   | 72.9   | 72.1   | 71.2   |
| 97.5°  | 105.4  | 132.7  | 146.4  | 145.5  | 143.8  | 142.1  | 140.3  | 138.6  | 140.3  | 142.1  | 143.8  |
| 100°   | 221.9  | 220.8  | 220.2  | 219.8  | 218.9  | 218.0  | 217.2  | 216.3  | 217.2  | 218.0  | 218.9  |
| 102.5° | 301.4  | 300.8  | 300.5  | 299.9  | 298.8  | 297.6  | 296.5  | 295.3  | 296.5  | 297.6  | 298.8  |
| 105°   | 386.0  | 386.0  | 386.0  | 385.4  | 384.3  | 383.1  | 382.0  | 380.8  | 382.0  | 383.1  | 384.3  |
| 107.5° | 469.8  | 469.2  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  | 468.9  |
| 110°   | 555.3  | 554.7  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  | 554.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 639.0  | 638.7  | 638.6  | 638.2  | 637.3  | 636.4  | 635.6  | 634.7  | 635.6  | 636.4  | 637.3  |
| 115°   | 721.9  | 721.6  | 721.5  | 720.8  | 719.3  | 717.9  | 716.4  | 715.0  | 716.4  | 717.9  | 719.3  |
| 117.5° | 800.9  | 799.8  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  | 799.2  |
| 120°   | 876.9  | 876.0  | 875.6  | 875.7  | 876.0  | 876.3  | 876.6  | 876.9  | 876.6  | 876.3  | 876.0  |
| 122.5° | 952.4  | 952.1  | 952.0  | 951.3  | 949.8  | 948.4  | 946.9  | 945.5  | 946.9  | 948.4  | 949.8  |
| 125°   | 1025.9 | 1025.9 | 1025.9 | 1024.9 | 1022.9 | 1020.8 | 1018.8 | 1016.8 | 1018.8 | 1020.8 | 1022.9 |
| 127.5° | 1091.5 | 1091.8 | 1091.9 | 1091.2 | 1089.7 | 1088.3 | 1086.8 | 1085.4 | 1086.8 | 1088.3 | 1089.7 |
| 130°   | 1154.5 | 1154.2 | 1154.1 | 1153.4 | 1151.9 | 1150.5 | 1149.0 | 1147.6 | 1149.0 | 1150.5 | 1151.9 |
| 132.5° | 1216.3 | 1217.2 | 1217.6 | 1216.7 | 1215.0 | 1213.3 | 1211.5 | 1209.8 | 1211.5 | 1213.3 | 1215.0 |
| 135°   | 1275.0 | 1275.5 | 1275.8 | 1274.9 | 1273.2 | 1271.5 | 1269.8 | 1268.1 | 1269.8 | 1271.5 | 1273.2 |
| 137.5° | 1329.4 | 1329.9 | 1330.2 | 1329.3 | 1327.6 | 1325.9 | 1324.2 | 1322.5 | 1324.2 | 1325.9 | 1327.6 |
| 140°   | 1377.8 | 1378.1 | 1378.2 | 1377.9 | 1377.3 | 1376.8 | 1376.2 | 1375.6 | 1376.2 | 1376.8 | 1377.3 |
| 142.5° | 1425.7 | 1425.1 | 1424.8 | 1424.7 | 1424.4 | 1424.1 | 1423.8 | 1423.5 | 1423.8 | 1424.1 | 1424.4 |
| 145°   | 1472.7 | 1472.7 | 1472.7 | 1472.4 | 1471.8 | 1471.3 | 1470.7 | 1470.1 | 1470.7 | 1471.3 | 1471.8 |
| 147.5° | 1512.0 | 1511.7 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 | 1511.6 |
| 150°   | 1548.7 | 1548.2 | 1547.9 | 1548.2 | 1548.7 | 1549.3 | 1549.8 | 1550.4 | 1549.8 | 1549.3 | 1548.7 |
| 152.5° | 1582.4 | 1581.8 | 1581.5 | 1582.2 | 1583.7 | 1585.1 | 1586.6 | 1588.0 | 1586.6 | 1585.1 | 1583.7 |
| 155°   | 1612.2 | 1611.6 | 1611.3 | 1612.2 | 1613.9 | 1615.6 | 1617.4 | 1619.1 | 1617.4 | 1615.6 | 1613.9 |
| 157.5° | 1639.8 | 1639.8 | 1639.8 | 1640.2 | 1641.1 | 1642.0 | 1642.8 | 1643.7 | 1642.8 | 1642.0 | 1641.1 |
| 160°   | 1662.2 | 1661.9 | 1661.8 | 1662.7 | 1664.4 | 1666.1 | 1667.9 | 1669.6 | 1667.9 | 1666.1 | 1664.4 |
| 162.5° | 1683.0 | 1682.7 | 1682.6 | 1683.5 | 1685.2 | 1686.9 | 1688.6 | 1690.3 | 1688.6 | 1686.9 | 1685.2 |
| 165°   | 1701.1 | 1700.8 | 1700.7 | 1701.6 | 1703.3 | 1705.0 | 1706.8 | 1708.5 | 1706.8 | 1705.0 | 1703.3 |
| 167.5° | 1715.3 | 1715.0 | 1714.9 | 1715.8 | 1717.5 | 1719.2 | 1721.0 | 1722.7 | 1721.0 | 1719.2 | 1717.5 |
| 170°   | 1725.7 | 1725.4 | 1725.3 | 1726.3 | 1728.3 | 1730.4 | 1732.4 | 1734.4 | 1732.4 | 1730.4 | 1728.3 |
| 172.5° | 1734.0 | 1733.4 | 1733.1 | 1734.1 | 1736.1 | 1738.1 | 1740.1 | 1742.1 | 1740.1 | 1738.1 | 1736.1 |
| 175°   | 1740.0 | 1739.7 | 1739.6 | 1740.5 | 1742.2 | 1743.9 | 1745.6 | 1747.3 | 1745.6 | 1743.9 | 1742.2 |
| 177.5° | 1743.8 | 1743.5 | 1743.4 | 1744.3 | 1746.0 | 1747.7 | 1749.5 | 1751.2 | 1749.5 | 1747.7 | 1746.0 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1878.3 | 1872.0 | 1867.3 | 1862.6 | 1842.3 | 1820.5 | 1817.3 | 1812.6 | 1803.3 | 1814.2 | 1809.5 |
| 5°     | 1829.8 | 1815.8 | 1808.0 | 1787.6 | 1762.6 | 1743.9 | 1728.3 | 1709.5 | 1701.7 | 1695.4 | 1693.9 |
| 7.5°   | 1770.5 | 1758.0 | 1743.9 | 1723.6 | 1692.3 | 1661.1 | 1637.6 | 1618.9 | 1603.3 | 1595.4 | 1595.4 |
| 10°    | 1712.6 | 1697.0 | 1678.3 | 1643.9 | 1614.2 | 1575.1 | 1550.1 | 1531.4 | 1509.5 | 1497.0 | 1486.1 |
| 12.5°  | 1653.3 | 1636.1 | 1618.9 | 1575.1 | 1540.7 | 1500.1 | 1464.2 | 1440.7 | 1429.8 | 1415.7 | 1397.0 |
| 15°    | 1593.9 | 1567.3 | 1550.1 | 1506.4 | 1462.6 | 1422.0 | 1398.5 | 1373.5 | 1348.5 | 1334.5 | 1328.2 |
| 17.5°  | 1531.4 | 1512.6 | 1484.5 | 1437.6 | 1389.2 | 1353.2 | 1318.9 | 1295.4 | 1265.7 | 1251.7 | 1237.6 |
| 20°    | 1475.1 | 1447.0 | 1418.9 | 1372.0 | 1325.1 | 1276.7 | 1242.3 | 1214.2 | 1195.4 | 1184.5 | 1172.0 |
| 22.5°  | 1407.9 | 1381.4 | 1357.9 | 1307.9 | 1256.4 | 1211.0 | 1173.5 | 1156.3 | 1137.6 | 1120.4 | 1107.9 |
| 25°    | 1350.1 | 1323.5 | 1300.1 | 1245.4 | 1189.2 | 1147.0 | 1118.8 | 1097.0 | 1076.6 | 1068.8 | 1056.3 |
| 27.5°  | 1289.2 | 1264.2 | 1232.9 | 1178.2 | 1128.2 | 1092.3 | 1062.6 | 1042.3 | 1026.6 | 1011.0 | 1001.6 |
| 30°    | 1231.3 | 1203.2 | 1175.1 | 1115.7 | 1075.1 | 1039.1 | 1011.0 | 986.0  | 973.5  | 965.7  | 950.1  |
| 32.5°  | 1175.1 | 1139.2 | 1115.7 | 1061.0 | 1022.0 | 987.6  | 964.1  | 942.3  | 926.6  | 912.6  | 900.1  |
| 35°    | 1114.2 | 1075.1 | 1051.6 | 1006.3 | 965.7  | 931.3  | 911.0  | 895.4  | 876.6  | 864.1  | 857.9  |
| 37.5°  | 1056.3 | 1023.5 | 1000.1 | 953.2  | 912.6  | 884.4  | 862.6  | 842.3  | 834.4  | 817.3  | 814.1  |
| 40°    | 993.8  | 965.7  | 943.8  | 898.5  | 861.0  | 839.1  | 815.7  | 796.9  | 782.9  | 775.1  | 764.1  |
| 42.5°  | 937.6  | 914.1  | 890.7  | 848.5  | 812.6  | 786.0  | 768.8  | 751.6  | 739.1  | 726.6  | 718.8  |
| 45°    | 886.0  | 861.0  | 839.1  | 798.5  | 762.6  | 739.1  | 721.9  | 701.6  | 698.5  | 681.3  | 673.5  |
| 47.5°  | 831.3  | 809.4  | 790.7  | 748.5  | 715.7  | 692.2  | 671.9  | 657.9  | 643.8  | 637.6  | 626.6  |
| 50°    | 778.2  | 756.3  | 734.4  | 696.9  | 667.2  | 643.8  | 623.5  | 607.9  | 600.0  | 590.7  | 581.3  |
| 52.5°  | 720.4  | 703.2  | 686.0  | 646.9  | 617.2  | 596.9  | 579.7  | 559.4  | 551.6  | 543.8  | 537.5  |
| 55°    | 671.9  | 646.9  | 628.2  | 595.4  | 568.8  | 546.9  | 528.2  | 512.5  | 504.7  | 498.5  | 490.7  |
| 57.5°  | 606.3  | 590.7  | 575.0  | 545.4  | 520.4  | 498.5  | 479.7  | 467.2  | 457.8  | 453.2  | 454.7  |
| 60°    | 550.0  | 532.9  | 523.5  | 492.2  | 467.2  | 450.0  | 432.8  | 420.3  | 411.0  | 406.3  | 404.7  |
| 62.5°  | 490.7  | 478.2  | 461.0  | 439.1  | 414.1  | 398.5  | 386.0  | 376.6  | 361.0  | 359.4  | 354.7  |
| 65°    | 432.8  | 423.5  | 407.8  | 387.5  | 367.2  | 353.2  | 339.1  | 326.6  | 320.3  | 312.5  | 307.8  |
| 67.5°  | 376.6  | 367.2  | 353.2  | 336.0  | 321.9  | 307.8  | 295.3  | 282.8  | 271.9  | 265.6  | 262.5  |
| 70°    | 321.9  | 314.1  | 304.7  | 284.4  | 267.2  | 256.3  | 246.9  | 239.1  | 228.1  | 225.0  | 223.5  |
| 72.5°  | 268.8  | 261.0  | 256.3  | 239.1  | 223.5  | 214.1  | 204.7  | 196.9  | 192.2  | 190.6  | 186.0  |
| 75°    | 220.3  | 212.5  | 206.3  | 190.6  | 181.3  | 175.0  | 165.6  | 162.5  | 157.8  | 156.3  | 154.7  |
| 77.5°  | 171.9  | 164.1  | 162.5  | 151.6  | 140.6  | 137.5  | 134.4  | 128.1  | 128.1  | 128.1  | 125.0  |
| 80°    | 123.4  | 121.9  | 120.3  | 109.4  | 104.7  | 101.6  | 100.0  | 95.3   | 92.2   | 89.1   | 87.5   |
| 82.5°  | 82.8   | 81.3   | 79.7   | 75.0   | 70.3   | 68.8   | 67.2   | 64.1   | 64.1   | 65.6   | 62.5   |
| 85°    | 50.0   | 46.9   | 45.3   | 43.8   | 40.6   | 40.6   | 42.2   | 40.6   | 40.6   | 40.6   | 39.1   |
| 87.5°  | 18.8   | 18.8   | 18.8   | 18.8   | 20.3   | 17.2   | 18.8   | 18.8   | 17.2   | 17.2   | 15.6   |
| 90°    | 10.5   | 11.7   | 12.7   | 14.7   | 16.7   | 18.7   | 20.7   | 22.1   | 23.6   | 25.0   | 26.5   |
| 92.5°  | 14.3   | 13.0   | 13.9   | 15.6   | 17.3   | 19.0   | 20.7   | 22.1   | 23.6   | 25.0   | 26.5   |
| 95°    | 70.3   | 69.9   | 64.4   | 53.5   | 42.6   | 31.6   | 20.7   | 22.1   | 23.6   | 25.0   | 26.5   |
| 97.5°  | 145.5  | 146.4  | 132.7  | 105.4  | 78.0   | 50.7   | 23.3   | 23.9   | 24.5   | 25.0   | 25.6   |
| 100°   | 219.8  | 220.2  | 220.8  | 221.9  | 223.1  | 224.2  | 225.4  | 182.5  | 139.6  | 96.7   | 53.8   |
| 102.5° | 299.9  | 300.5  | 300.8  | 301.4  | 301.9  | 302.5  | 303.1  | 303.7  | 304.3  | 304.8  | 305.4  |
| 105°   | 385.4  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  |
| 107.5° | 468.9  | 468.9  | 469.2  | 469.8  | 470.3  | 470.9  | 471.5  | 471.8  | 472.1  | 472.4  | 472.7  |
| 110°   | 554.4  | 554.4  | 554.7  | 555.3  | 555.8  | 556.4  | 557.0  | 556.1  | 555.3  | 554.4  | 553.5  |

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CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 638.2  | 638.6  | 638.7  | 639.0  | 639.3  | 639.6  | 639.9  | 638.7  | 637.6  | 636.4  | 635.3  |
| 115°   | 720.8  | 721.5  | 721.6  | 721.9  | 722.2  | 722.5  | 722.8  | 721.6  | 720.5  | 719.3  | 718.2  |
| 117.5° | 799.2  | 799.2  | 799.8  | 800.9  | 802.1  | 803.2  | 804.4  | 802.7  | 800.9  | 799.2  | 797.5  |
| 120°   | 875.7  | 875.6  | 876.0  | 876.9  | 877.8  | 878.6  | 879.5  | 878.9  | 878.3  | 877.8  | 877.2  |
| 122.5° | 951.3  | 952.0  | 952.1  | 952.4  | 952.7  | 953.0  | 953.3  | 952.7  | 952.1  | 951.6  | 951.0  |
| 125°   | 1024.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1024.7 | 1023.6 | 1022.4 | 1021.3 |
| 127.5° | 1091.2 | 1091.9 | 1091.8 | 1091.5 | 1091.2 | 1090.9 | 1090.6 | 1090.0 | 1089.4 | 1088.9 | 1088.3 |
| 130°   | 1153.4 | 1154.1 | 1154.2 | 1154.5 | 1154.8 | 1155.1 | 1155.4 | 1154.5 | 1153.7 | 1152.8 | 1151.9 |
| 132.5° | 1216.7 | 1217.6 | 1217.2 | 1216.3 | 1215.4 | 1214.6 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.7 |
| 135°   | 1274.9 | 1275.8 | 1275.5 | 1275.0 | 1274.4 | 1273.9 | 1273.3 | 1272.7 | 1272.1 | 1271.6 | 1271.0 |
| 137.5° | 1329.3 | 1330.2 | 1329.9 | 1329.4 | 1328.8 | 1328.3 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.7 |
| 140°   | 1377.9 | 1378.2 | 1378.1 | 1377.8 | 1377.5 | 1377.2 | 1376.9 | 1377.5 | 1378.1 | 1378.6 | 1379.2 |
| 142.5° | 1424.7 | 1424.8 | 1425.1 | 1425.7 | 1426.2 | 1426.8 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 |
| 145°   | 1472.4 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1473.0 | 1473.3 | 1473.6 | 1473.9 |
| 147.5° | 1511.6 | 1511.6 | 1511.7 | 1512.0 | 1512.3 | 1512.6 | 1512.9 | 1513.2 | 1513.5 | 1513.8 | 1514.1 |
| 150°   | 1548.2 | 1547.9 | 1548.2 | 1548.7 | 1549.3 | 1549.8 | 1550.4 | 1551.0 | 1551.6 | 1552.1 | 1552.7 |
| 152.5° | 1582.2 | 1581.5 | 1581.8 | 1582.4 | 1582.9 | 1583.5 | 1584.1 | 1584.7 | 1585.3 | 1585.8 | 1586.4 |
| 155°   | 1612.2 | 1611.3 | 1611.6 | 1612.2 | 1612.7 | 1613.3 | 1613.9 | 1614.8 | 1615.6 | 1616.5 | 1617.4 |
| 157.5° | 1640.2 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1640.7 | 1641.5 | 1642.4 | 1643.3 |
| 160°   | 1662.7 | 1661.8 | 1661.9 | 1662.2 | 1662.5 | 1662.8 | 1663.1 | 1664.3 | 1665.4 | 1666.6 | 1667.7 |
| 162.5° | 1683.5 | 1682.6 | 1682.7 | 1683.0 | 1683.3 | 1683.6 | 1683.9 | 1685.6 | 1687.3 | 1689.0 | 1690.7 |
| 165°   | 1701.6 | 1700.7 | 1700.8 | 1701.1 | 1701.4 | 1701.7 | 1702.0 | 1703.7 | 1705.5 | 1707.2 | 1708.9 |
| 167.5° | 1715.8 | 1714.9 | 1715.0 | 1715.3 | 1715.6 | 1715.9 | 1716.2 | 1718.2 | 1720.2 | 1722.3 | 1724.3 |
| 170°   | 1726.3 | 1725.3 | 1725.4 | 1725.7 | 1726.0 | 1726.3 | 1726.6 | 1728.9 | 1731.2 | 1733.5 | 1735.8 |
| 172.5° | 1734.1 | 1733.1 | 1733.4 | 1734.0 | 1734.5 | 1735.1 | 1735.7 | 1737.7 | 1739.7 | 1741.7 | 1743.7 |
| 175°   | 1740.5 | 1739.6 | 1739.7 | 1740.0 | 1740.3 | 1740.5 | 1740.8 | 1743.1 | 1745.4 | 1747.7 | 1750.0 |
| 177.5° | 1744.3 | 1743.4 | 1743.5 | 1743.8 | 1744.1 | 1744.4 | 1744.7 | 1746.7 | 1748.7 | 1750.8 | 1752.8 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

TEST NUMBER: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1801.7 | 1804.8 | 1797.0 | 1793.9 | 1787.6 | 1795.5 | 1797.0 | 1795.5 | 1809.5 | 1803.3 | 1806.4 |
| 5°     | 1697.0 | 1690.8 | 1686.1 | 1675.1 | 1675.1 | 1676.7 | 1681.4 | 1673.6 | 1678.3 | 1689.2 | 1687.6 |
| 7.5°   | 1581.4 | 1578.3 | 1579.8 | 1567.3 | 1557.9 | 1561.1 | 1557.9 | 1572.0 | 1579.8 | 1576.7 | 1582.9 |
| 10°    | 1476.7 | 1482.9 | 1468.9 | 1462.6 | 1456.4 | 1462.6 | 1461.1 | 1464.2 | 1473.6 | 1479.8 | 1490.7 |
| 12.5°  | 1392.3 | 1390.7 | 1382.9 | 1376.7 | 1365.7 | 1368.9 | 1378.2 | 1375.1 | 1376.7 | 1390.7 | 1389.2 |
| 15°    | 1312.6 | 1303.2 | 1297.0 | 1282.9 | 1286.0 | 1275.1 | 1284.5 | 1295.4 | 1300.1 | 1312.6 | 1320.4 |
| 17.5°  | 1232.9 | 1231.3 | 1223.5 | 1222.0 | 1204.8 | 1200.1 | 1209.5 | 1212.6 | 1217.3 | 1223.5 | 1234.5 |
| 20°    | 1165.7 | 1164.2 | 1153.2 | 1150.1 | 1136.0 | 1145.4 | 1142.3 | 1148.5 | 1151.7 | 1164.2 | 1168.8 |
| 22.5°  | 1104.8 | 1097.0 | 1093.8 | 1089.1 | 1084.5 | 1082.9 | 1089.1 | 1087.6 | 1098.5 | 1103.2 | 1104.8 |
| 25°    | 1048.5 | 1042.3 | 1040.7 | 1032.9 | 1029.8 | 1025.1 | 1029.8 | 1034.5 | 1047.0 | 1051.6 | 1057.9 |
| 27.5°  | 997.0  | 992.3  | 989.1  | 982.9  | 978.2  | 978.2  | 981.3  | 987.6  | 992.3  | 995.4  | 998.5  |
| 30°    | 950.1  | 947.0  | 937.6  | 934.4  | 929.8  | 929.8  | 929.8  | 932.9  | 940.7  | 950.1  | 954.8  |
| 32.5°  | 901.6  | 895.4  | 889.1  | 889.1  | 884.4  | 884.4  | 886.0  | 889.1  | 896.9  | 898.5  | 906.3  |
| 35°    | 854.8  | 848.5  | 843.8  | 840.7  | 842.3  | 836.0  | 839.1  | 843.8  | 853.2  | 856.3  | 861.0  |
| 37.5°  | 809.4  | 807.9  | 798.5  | 793.8  | 796.9  | 796.9  | 795.4  | 798.5  | 804.8  | 811.0  | 814.1  |
| 40°    | 759.4  | 756.3  | 756.3  | 751.6  | 753.2  | 746.9  | 751.6  | 754.7  | 757.9  | 764.1  | 768.8  |
| 42.5°  | 715.7  | 712.6  | 706.3  | 707.9  | 703.2  | 703.2  | 706.3  | 707.9  | 712.6  | 720.4  | 723.5  |
| 45°    | 668.8  | 668.8  | 665.7  | 661.0  | 662.6  | 657.9  | 661.0  | 662.6  | 668.8  | 676.6  | 673.5  |
| 47.5°  | 623.5  | 621.9  | 621.9  | 615.7  | 618.8  | 614.1  | 618.8  | 620.4  | 623.5  | 628.2  | 626.6  |
| 50°    | 579.7  | 575.0  | 576.6  | 575.0  | 573.5  | 573.5  | 576.6  | 576.6  | 579.7  | 579.7  | 584.4  |
| 52.5°  | 534.4  | 534.4  | 531.3  | 532.9  | 536.0  | 532.9  | 537.5  | 532.9  | 536.0  | 537.5  | 540.7  |
| 55°    | 493.8  | 490.7  | 492.2  | 490.7  | 496.9  | 492.2  | 496.9  | 493.8  | 496.9  | 495.4  | 498.5  |
| 57.5°  | 450.0  | 445.3  | 446.9  | 445.3  | 450.0  | 448.5  | 453.2  | 448.5  | 450.0  | 451.6  | 456.3  |
| 60°    | 400.0  | 400.0  | 400.0  | 396.9  | 401.6  | 401.6  | 400.0  | 400.0  | 406.3  | 409.4  | 407.8  |
| 62.5°  | 353.2  | 351.6  | 346.9  | 345.3  | 346.9  | 343.8  | 350.0  | 348.5  | 351.6  | 354.7  | 357.8  |
| 65°    | 301.6  | 298.5  | 296.9  | 293.8  | 293.8  | 292.2  | 293.8  | 300.0  | 301.6  | 303.1  | 311.0  |
| 67.5°  | 259.4  | 257.8  | 256.3  | 251.6  | 251.6  | 254.7  | 254.7  | 254.7  | 264.1  | 259.4  | 265.6  |
| 70°    | 221.9  | 218.8  | 215.6  | 214.1  | 214.1  | 215.6  | 217.2  | 218.8  | 217.2  | 223.5  | 225.0  |
| 72.5°  | 186.0  | 187.5  | 184.4  | 184.4  | 184.4  | 182.8  | 182.8  | 186.0  | 187.5  | 186.0  | 187.5  |
| 75°    | 154.7  | 154.7  | 153.1  | 154.7  | 154.7  | 153.1  | 153.1  | 156.3  | 156.3  | 154.7  | 159.4  |
| 77.5°  | 125.0  | 123.4  | 120.3  | 117.2  | 118.8  | 117.2  | 118.8  | 117.2  | 121.9  | 126.6  | 123.4  |
| 80°    | 87.5   | 85.9   | 85.9   | 85.9   | 87.5   | 85.9   | 89.1   | 85.9   | 87.5   | 87.5   | 89.1   |
| 82.5°  | 62.5   | 64.1   | 64.1   | 62.5   | 64.1   | 62.5   | 64.1   | 64.1   | 64.1   | 62.5   | 64.1   |
| 85°    | 40.6   | 40.6   | 40.6   | 40.6   | 39.1   | 40.6   | 40.6   | 40.6   | 42.2   | 40.6   | 42.2   |
| 87.5°  | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 18.8   | 17.2   | 18.8   |
| 90°    | 27.2   | 27.6   | 28.5   | 29.4   | 30.2   | 31.1   | 30.2   | 29.4   | 28.5   | 27.6   | 27.2   |
| 92.5°  | 27.2   | 27.3   | 27.6   | 27.9   | 28.2   | 28.5   | 28.2   | 27.9   | 27.6   | 27.3   | 27.2   |
| 95°    | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   | 27.2   |
| 97.5°  | 25.9   | 26.0   | 26.3   | 26.6   | 26.9   | 27.2   | 26.9   | 26.6   | 26.3   | 26.0   | 25.9   |
| 100°   | 32.4   | 31.8   | 30.7   | 29.5   | 28.4   | 27.2   | 28.4   | 29.5   | 30.7   | 31.8   | 32.4   |
| 102.5° | 305.7  | 293.6  | 269.4  | 245.3  | 221.1  | 196.9  | 221.1  | 245.3  | 269.4  | 293.6  | 305.7  |
| 105°   | 386.0  | 385.9  | 385.6  | 385.3  | 385.0  | 384.7  | 385.0  | 385.3  | 385.6  | 385.9  | 386.0  |
| 107.5° | 472.8  | 472.2  | 471.1  | 469.9  | 468.8  | 467.6  | 468.8  | 469.9  | 471.1  | 472.2  | 472.8  |
| 110°   | 553.1  | 553.2  | 553.5  | 553.8  | 554.1  | 554.4  | 554.1  | 553.8  | 553.5  | 553.2  | 553.1  |

TEST NUMBER: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 634.7  | 634.4  | 633.8  | 633.3  | 632.7  | 632.1  | 632.7  | 633.3  | 633.8  | 634.4  | 634.7  |
| 115°   | 717.6  | 716.7  | 715.0  | 713.3  | 711.5  | 709.8  | 711.5  | 713.3  | 715.0  | 716.7  | 717.6  |
| 117.5° | 796.6  | 796.3  | 795.7  | 795.2  | 794.6  | 794.0  | 794.6  | 795.2  | 795.7  | 796.3  | 796.6  |
| 120°   | 876.9  | 876.2  | 874.7  | 873.3  | 871.8  | 870.4  | 871.8  | 873.3  | 874.7  | 876.2  | 876.9  |
| 122.5° | 950.7  | 949.8  | 948.1  | 946.4  | 944.7  | 943.0  | 944.7  | 946.4  | 948.1  | 949.8  | 950.7  |
| 125°   | 1020.7 | 1020.3 | 1019.4 | 1018.5 | 1017.7 | 1016.8 | 1017.7 | 1018.5 | 1019.4 | 1020.3 | 1020.7 |
| 127.5° | 1088.0 | 1086.9 | 1084.6 | 1082.3 | 1080.0 | 1077.7 | 1080.0 | 1082.3 | 1084.6 | 1086.9 | 1088.0 |
| 130°   | 1151.5 | 1150.8 | 1149.3 | 1147.9 | 1146.4 | 1145.0 | 1146.4 | 1147.9 | 1149.3 | 1150.8 | 1151.5 |
| 132.5° | 1213.7 | 1213.0 | 1211.5 | 1210.1 | 1208.6 | 1207.2 | 1208.6 | 1210.1 | 1211.5 | 1213.0 | 1213.7 |
| 135°   | 1270.7 | 1269.8 | 1268.1 | 1266.4 | 1264.6 | 1262.9 | 1264.6 | 1266.4 | 1268.1 | 1269.8 | 1270.7 |
| 137.5° | 1327.7 | 1327.0 | 1325.5 | 1324.1 | 1322.6 | 1321.2 | 1322.6 | 1324.1 | 1325.5 | 1327.0 | 1327.7 |
| 140°   | 1379.5 | 1378.6 | 1376.9 | 1375.2 | 1373.4 | 1371.7 | 1373.4 | 1375.2 | 1376.9 | 1378.6 | 1379.5 |
| 142.5° | 1427.4 | 1426.5 | 1424.8 | 1423.1 | 1421.3 | 1419.6 | 1421.3 | 1423.1 | 1424.8 | 1426.5 | 1427.4 |
| 145°   | 1474.0 | 1473.1 | 1471.4 | 1469.7 | 1467.9 | 1466.2 | 1467.9 | 1469.7 | 1471.4 | 1473.1 | 1474.0 |
| 147.5° | 1514.2 | 1513.2 | 1511.2 | 1509.1 | 1507.1 | 1505.1 | 1507.1 | 1509.1 | 1511.2 | 1513.2 | 1514.2 |
| 150°   | 1553.0 | 1551.9 | 1549.6 | 1547.3 | 1545.0 | 1542.7 | 1545.0 | 1547.3 | 1549.6 | 1551.9 | 1553.0 |
| 152.5° | 1586.7 | 1585.7 | 1583.7 | 1581.6 | 1579.6 | 1577.6 | 1579.6 | 1581.6 | 1583.7 | 1585.7 | 1586.7 |
| 155°   | 1617.8 | 1616.6 | 1614.3 | 1612.0 | 1609.7 | 1607.4 | 1609.7 | 1612.0 | 1614.3 | 1616.6 | 1617.8 |
| 157.5° | 1643.7 | 1642.5 | 1640.2 | 1637.9 | 1635.6 | 1633.3 | 1635.6 | 1637.9 | 1640.2 | 1642.5 | 1643.7 |
| 160°   | 1668.3 | 1667.1 | 1664.8 | 1662.5 | 1660.2 | 1657.9 | 1660.2 | 1662.5 | 1664.8 | 1667.1 | 1668.3 |
| 162.5° | 1691.6 | 1690.3 | 1687.7 | 1685.2 | 1682.6 | 1680.0 | 1682.6 | 1685.2 | 1687.7 | 1690.3 | 1691.6 |
| 165°   | 1709.8 | 1708.6 | 1706.3 | 1704.0 | 1701.7 | 1699.4 | 1701.7 | 1704.0 | 1706.3 | 1708.6 | 1709.8 |
| 167.5° | 1725.3 | 1724.0 | 1721.4 | 1718.8 | 1716.2 | 1713.6 | 1716.2 | 1718.8 | 1721.4 | 1724.0 | 1725.3 |
| 170°   | 1737.0 | 1735.7 | 1733.1 | 1730.5 | 1727.9 | 1725.3 | 1727.9 | 1730.5 | 1733.1 | 1735.7 | 1737.0 |
| 172.5° | 1744.7 | 1743.4 | 1740.8 | 1738.3 | 1735.7 | 1733.1 | 1735.7 | 1738.3 | 1740.8 | 1743.4 | 1744.7 |
| 175°   | 1751.2 | 1749.9 | 1747.3 | 1744.8 | 1742.2 | 1739.6 | 1742.2 | 1744.8 | 1747.3 | 1749.9 | 1751.2 |
| 177.5° | 1753.8 | 1752.6 | 1750.3 | 1748.0 | 1745.7 | 1743.4 | 1745.7 | 1748.0 | 1750.3 | 1752.6 | 1753.8 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

TEST NUMBER: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1800.1 | 1808.0 | 1801.7 | 1797.0 | 1809.5 | 1815.8 | 1815.8 | 1826.7 | 1837.6 | 1847.0 | 1848.6 |
| 5°     | 1689.2 | 1701.7 | 1704.8 | 1703.3 | 1722.0 | 1731.4 | 1751.7 | 1762.6 | 1778.3 | 1789.2 | 1801.7 |
| 7.5°   | 1587.6 | 1604.8 | 1606.4 | 1609.5 | 1637.6 | 1653.3 | 1670.4 | 1698.6 | 1720.5 | 1736.1 | 1750.1 |
| 10°    | 1486.1 | 1497.0 | 1507.9 | 1522.0 | 1550.1 | 1576.7 | 1601.7 | 1631.4 | 1659.5 | 1675.1 | 1695.4 |
| 12.5°  | 1409.5 | 1417.3 | 1429.8 | 1439.2 | 1468.9 | 1492.3 | 1525.1 | 1565.8 | 1606.4 | 1618.9 | 1643.9 |
| 15°    | 1329.8 | 1334.5 | 1359.5 | 1368.9 | 1393.9 | 1432.9 | 1453.2 | 1492.3 | 1536.1 | 1559.5 | 1587.6 |
| 17.5°  | 1237.6 | 1265.7 | 1281.4 | 1292.3 | 1323.5 | 1354.8 | 1387.6 | 1428.2 | 1484.5 | 1506.4 | 1526.7 |
| 20°    | 1172.0 | 1192.3 | 1209.5 | 1223.5 | 1251.7 | 1298.5 | 1328.2 | 1361.0 | 1414.2 | 1439.2 | 1468.9 |
| 22.5°  | 1114.2 | 1131.3 | 1147.0 | 1162.6 | 1181.3 | 1223.5 | 1257.9 | 1303.2 | 1356.4 | 1379.8 | 1414.2 |
| 25°    | 1059.5 | 1076.6 | 1086.0 | 1104.8 | 1129.8 | 1159.5 | 1200.1 | 1240.7 | 1293.9 | 1320.4 | 1353.2 |
| 27.5°  | 1006.3 | 1023.5 | 1040.7 | 1056.3 | 1073.5 | 1101.7 | 1129.8 | 1181.3 | 1236.0 | 1267.3 | 1295.4 |
| 30°    | 961.0  | 968.8  | 984.5  | 1001.6 | 1018.8 | 1045.4 | 1078.2 | 1114.2 | 1176.7 | 1204.8 | 1239.2 |
| 32.5°  | 911.0  | 925.1  | 936.0  | 948.5  | 970.4  | 992.3  | 1022.0 | 1067.3 | 1117.3 | 1143.8 | 1181.3 |
| 35°    | 864.1  | 876.6  | 884.4  | 906.3  | 920.4  | 943.8  | 973.5  | 1014.1 | 1056.3 | 1086.0 | 1118.8 |
| 37.5°  | 818.8  | 831.3  | 840.7  | 853.2  | 871.9  | 892.3  | 923.5  | 953.2  | 1003.2 | 1028.2 | 1065.7 |
| 40°    | 771.9  | 782.9  | 793.8  | 807.9  | 825.1  | 850.1  | 868.8  | 906.3  | 947.0  | 975.1  | 1003.2 |
| 42.5°  | 726.6  | 732.9  | 745.4  | 761.0  | 778.2  | 800.1  | 826.6  | 856.3  | 896.9  | 921.9  | 947.0  |
| 45°    | 678.2  | 689.1  | 703.2  | 714.1  | 729.7  | 751.6  | 775.1  | 801.6  | 842.3  | 867.3  | 893.8  |
| 47.5°  | 632.9  | 640.7  | 650.1  | 667.2  | 687.6  | 703.2  | 728.2  | 753.2  | 790.7  | 814.1  | 839.1  |
| 50°    | 586.0  | 593.8  | 607.9  | 618.8  | 634.4  | 654.7  | 678.2  | 704.7  | 740.7  | 756.3  | 781.3  |
| 52.5°  | 542.2  | 545.4  | 559.4  | 570.4  | 586.0  | 609.4  | 628.2  | 651.6  | 686.0  | 703.2  | 728.2  |
| 55°    | 498.5  | 501.6  | 509.4  | 520.4  | 537.5  | 556.3  | 576.6  | 603.2  | 632.9  | 648.5  | 671.9  |
| 57.5°  | 453.2  | 456.3  | 464.1  | 471.9  | 489.1  | 506.3  | 529.7  | 551.6  | 581.3  | 595.4  | 617.2  |
| 60°    | 407.8  | 407.8  | 415.7  | 426.6  | 439.1  | 454.7  | 475.0  | 501.6  | 523.5  | 540.7  | 556.3  |
| 62.5°  | 359.4  | 364.1  | 368.8  | 376.6  | 390.7  | 409.4  | 426.6  | 445.3  | 471.9  | 484.4  | 498.5  |
| 65°    | 311.0  | 315.7  | 325.0  | 332.8  | 343.8  | 356.3  | 378.2  | 393.8  | 414.1  | 428.2  | 440.7  |
| 67.5°  | 268.8  | 273.5  | 279.7  | 289.1  | 296.9  | 311.0  | 326.6  | 342.2  | 364.1  | 373.5  | 382.8  |
| 70°    | 225.0  | 229.7  | 234.4  | 246.9  | 254.7  | 265.6  | 276.6  | 292.2  | 311.0  | 317.2  | 325.0  |
| 72.5°  | 190.6  | 192.2  | 198.5  | 201.6  | 212.5  | 221.9  | 234.4  | 243.8  | 257.8  | 265.6  | 271.9  |
| 75°    | 161.0  | 161.0  | 162.5  | 165.6  | 171.9  | 178.1  | 187.5  | 196.9  | 209.4  | 214.1  | 221.9  |
| 77.5°  | 126.6  | 131.3  | 129.7  | 132.8  | 135.9  | 139.1  | 146.9  | 153.1  | 165.6  | 168.8  | 171.9  |
| 80°    | 90.6   | 92.2   | 96.9   | 101.6  | 101.6  | 106.3  | 110.9  | 112.5  | 120.3  | 125.0  | 125.0  |
| 82.5°  | 65.6   | 67.2   | 65.6   | 67.2   | 68.8   | 70.3   | 75.0   | 81.3   | 81.3   | 82.8   | 85.9   |
| 85°    | 40.6   | 40.6   | 42.2   | 43.8   | 43.8   | 42.2   | 45.3   | 43.8   | 45.3   | 48.4   | 48.4   |
| 87.5°  | 20.3   | 18.8   | 18.8   | 18.8   | 18.8   | 18.8   | 20.3   | 18.8   | 20.3   | 20.3   | 20.3   |
| 90°    | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 18.7   | 16.7   | 14.7   | 12.7   | 11.7   | 10.5   |
| 92.5°  | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 19.0   | 17.3   | 15.6   | 13.9   | 13.0   | 14.3   |
| 95°    | 26.5   | 25.0   | 23.6   | 22.1   | 20.7   | 31.6   | 42.6   | 53.5   | 64.4   | 69.9   | 70.3   |
| 97.5°  | 25.6   | 25.0   | 24.5   | 23.9   | 23.3   | 50.7   | 78.0   | 105.4  | 132.7  | 146.4  | 145.5  |
| 100°   | 53.8   | 96.7   | 139.6  | 182.5  | 225.4  | 224.2  | 223.1  | 221.9  | 220.8  | 220.2  | 219.8  |
| 102.5° | 305.4  | 304.8  | 304.3  | 303.7  | 303.1  | 302.5  | 301.9  | 301.4  | 300.8  | 300.5  | 299.9  |
| 105°   | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 386.0  | 385.4  |
| 107.5° | 472.7  | 472.4  | 472.1  | 471.8  | 471.5  | 470.9  | 470.3  | 469.8  | 469.2  | 468.9  | 468.9  |
| 110°   | 553.5  | 554.4  | 555.3  | 556.1  | 557.0  | 556.4  | 555.8  | 555.3  | 554.7  | 554.4  | 554.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 635.3  | 636.4  | 637.6  | 638.7  | 639.9  | 639.6  | 639.3  | 639.0  | 638.7  | 638.6  | 638.2  |
| 115°   | 718.2  | 719.3  | 720.5  | 721.6  | 722.8  | 722.5  | 722.2  | 721.9  | 721.6  | 721.5  | 720.8  |
| 117.5° | 797.5  | 799.2  | 800.9  | 802.7  | 804.4  | 803.2  | 802.1  | 800.9  | 799.8  | 799.2  | 799.2  |
| 120°   | 877.2  | 877.8  | 878.3  | 878.9  | 879.5  | 878.6  | 877.8  | 876.9  | 876.0  | 875.6  | 875.7  |
| 122.5° | 951.0  | 951.6  | 952.1  | 952.7  | 953.3  | 953.0  | 952.7  | 952.4  | 952.1  | 952.0  | 951.3  |
| 125°   | 1021.3 | 1022.4 | 1023.6 | 1024.7 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1025.9 | 1024.9 |
| 127.5° | 1088.3 | 1088.9 | 1089.4 | 1090.0 | 1090.6 | 1090.9 | 1091.2 | 1091.5 | 1091.8 | 1091.9 | 1091.2 |
| 130°   | 1151.9 | 1152.8 | 1153.7 | 1154.5 | 1155.4 | 1155.1 | 1154.8 | 1154.5 | 1154.2 | 1154.1 | 1153.4 |
| 132.5° | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1213.7 | 1214.6 | 1215.4 | 1216.3 | 1217.2 | 1217.6 | 1216.7 |
| 135°   | 1271.0 | 1271.6 | 1272.1 | 1272.7 | 1273.3 | 1273.9 | 1274.4 | 1275.0 | 1275.5 | 1275.8 | 1274.9 |
| 137.5° | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1327.7 | 1328.3 | 1328.8 | 1329.4 | 1329.9 | 1330.2 | 1329.3 |
| 140°   | 1379.2 | 1378.6 | 1378.1 | 1377.5 | 1376.9 | 1377.2 | 1377.5 | 1377.8 | 1378.1 | 1378.2 | 1377.9 |
| 142.5° | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1426.8 | 1426.2 | 1425.7 | 1425.1 | 1424.8 | 1424.7 |
| 145°   | 1473.9 | 1473.6 | 1473.3 | 1473.0 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.7 | 1472.4 |
| 147.5° | 1514.1 | 1513.8 | 1513.5 | 1513.2 | 1512.9 | 1512.6 | 1512.3 | 1512.0 | 1511.7 | 1511.6 | 1511.6 |
| 150°   | 1552.7 | 1552.1 | 1551.6 | 1551.0 | 1550.4 | 1549.8 | 1549.3 | 1548.7 | 1548.2 | 1547.9 | 1548.2 |
| 152.5° | 1586.4 | 1585.8 | 1585.3 | 1584.7 | 1584.1 | 1583.5 | 1582.9 | 1582.4 | 1581.8 | 1581.5 | 1582.2 |
| 155°   | 1617.4 | 1616.5 | 1615.6 | 1614.8 | 1613.9 | 1613.3 | 1612.7 | 1612.2 | 1611.6 | 1611.3 | 1612.2 |
| 157.5° | 1643.3 | 1642.4 | 1641.5 | 1640.7 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1639.8 | 1640.2 |
| 160°   | 1667.7 | 1666.6 | 1665.4 | 1664.3 | 1663.1 | 1662.8 | 1662.5 | 1662.2 | 1661.9 | 1661.8 | 1662.7 |
| 162.5° | 1690.7 | 1689.0 | 1687.3 | 1685.6 | 1683.9 | 1683.6 | 1683.3 | 1683.0 | 1682.7 | 1682.6 | 1683.5 |
| 165°   | 1708.9 | 1707.2 | 1705.5 | 1703.7 | 1702.0 | 1701.7 | 1701.4 | 1701.1 | 1700.8 | 1700.7 | 1701.6 |
| 167.5° | 1724.3 | 1722.3 | 1720.2 | 1718.2 | 1716.2 | 1715.9 | 1715.6 | 1715.3 | 1715.0 | 1714.9 | 1715.8 |
| 170°   | 1735.8 | 1733.5 | 1731.2 | 1728.9 | 1726.6 | 1726.3 | 1726.0 | 1725.7 | 1725.4 | 1725.3 | 1726.3 |
| 172.5° | 1743.7 | 1741.7 | 1739.7 | 1737.7 | 1735.7 | 1735.1 | 1734.5 | 1734.0 | 1733.4 | 1733.1 | 1734.1 |
| 175°   | 1750.0 | 1747.7 | 1745.4 | 1743.1 | 1740.8 | 1740.5 | 1740.3 | 1740.0 | 1739.7 | 1739.6 | 1740.5 |
| 177.5° | 1752.8 | 1750.8 | 1748.7 | 1746.7 | 1744.7 | 1744.4 | 1744.1 | 1743.8 | 1743.5 | 1743.4 | 1744.3 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

TEST NUMBER: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°   | 1859.5 | 1873.6 | 1887.7 | 1904.8 |
| 5°     | 1822.0 | 1847.0 | 1873.6 | 1898.6 |
| 7.5°   | 1781.4 | 1817.3 | 1851.7 | 1887.7 |
| 10°    | 1736.1 | 1781.4 | 1820.5 | 1870.5 |
| 12.5°  | 1686.1 | 1734.5 | 1789.2 | 1845.5 |
| 15°    | 1636.1 | 1697.0 | 1754.8 | 1818.9 |
| 17.5°  | 1589.2 | 1647.0 | 1711.1 | 1787.6 |
| 20°    | 1532.9 | 1597.0 | 1668.9 | 1750.1 |
| 22.5°  | 1473.6 | 1543.9 | 1622.0 | 1709.5 |
| 25°    | 1423.6 | 1495.4 | 1570.4 | 1662.6 |
| 27.5°  | 1368.9 | 1443.9 | 1517.3 | 1615.8 |
| 30°    | 1306.4 | 1387.6 | 1462.6 | 1564.2 |
| 32.5°  | 1247.0 | 1328.2 | 1411.1 | 1506.4 |
| 35°    | 1189.2 | 1268.9 | 1351.7 | 1448.6 |
| 37.5°  | 1134.5 | 1206.3 | 1287.6 | 1375.1 |
| 40°    | 1082.9 | 1148.5 | 1220.4 | 1300.1 |
| 42.5°  | 1017.3 | 1093.8 | 1161.0 | 1218.8 |
| 45°    | 961.0  | 1023.5 | 1086.0 | 1132.9 |
| 47.5°  | 895.4  | 957.9  | 1011.0 | 1048.5 |
| 50°    | 840.7  | 890.7  | 934.4  | 967.3  |
| 52.5°  | 775.1  | 821.9  | 857.9  | 882.9  |
| 55°    | 711.0  | 751.6  | 782.9  | 800.1  |
| 57.5°  | 653.2  | 679.7  | 703.2  | 718.8  |
| 60°    | 589.1  | 609.4  | 629.7  | 646.9  |
| 62.5°  | 520.4  | 542.2  | 553.2  | 571.9  |
| 65°    | 459.4  | 473.5  | 490.7  | 496.9  |
| 67.5°  | 400.0  | 407.8  | 418.8  | 431.3  |
| 70°    | 337.5  | 342.2  | 353.2  | 370.3  |
| 72.5°  | 282.8  | 287.5  | 295.3  | 301.6  |
| 75°    | 225.0  | 229.7  | 236.0  | 242.2  |
| 77.5°  | 176.6  | 178.1  | 181.3  | 187.5  |
| 80°    | 128.1  | 132.8  | 135.9  | 137.5  |
| 82.5°  | 89.1   | 90.6   | 90.6   | 92.2   |
| 85°    | 56.3   | 53.1   | 53.1   | 54.7   |
| 87.5°  | 20.3   | 23.4   | 23.4   | 26.6   |
| 90°    | 8.2    | 5.9    | 3.6    | 1.3    |
| 92.5°  | 16.9   | 19.4   | 22.0   | 24.6   |
| 95°    | 71.2   | 72.1   | 72.9   | 73.8   |
| 97.5°  | 143.8  | 142.1  | 140.3  | 138.6  |
| 100°   | 218.9  | 218.0  | 217.2  | 216.3  |
| 102.5° | 298.8  | 297.6  | 296.5  | 295.3  |
| 105°   | 384.3  | 383.1  | 382.0  | 380.8  |
| 107.5° | 468.9  | 468.9  | 468.9  | 468.9  |
| 110°   | 554.4  | 554.4  | 554.4  | 554.4  |



TEST NUMBER: P1034751

CATALOG NUMBER: S125RDIW-B1270D1340UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 637.3  | 636.4  | 635.6  | 634.7  |
| 115°   | 719.3  | 717.9  | 716.4  | 715.0  |
| 117.5° | 799.2  | 799.2  | 799.2  | 799.2  |
| 120°   | 876.0  | 876.3  | 876.6  | 876.9  |
| 122.5° | 949.8  | 948.4  | 946.9  | 945.5  |
| 125°   | 1022.9 | 1020.8 | 1018.8 | 1016.8 |
| 127.5° | 1089.7 | 1088.3 | 1086.8 | 1085.4 |
| 130°   | 1151.9 | 1150.5 | 1149.0 | 1147.6 |
| 132.5° | 1215.0 | 1213.3 | 1211.5 | 1209.8 |
| 135°   | 1273.2 | 1271.5 | 1269.8 | 1268.1 |
| 137.5° | 1327.6 | 1325.9 | 1324.2 | 1322.5 |
| 140°   | 1377.3 | 1376.8 | 1376.2 | 1375.6 |
| 142.5° | 1424.4 | 1424.1 | 1423.8 | 1423.5 |
| 145°   | 1471.8 | 1471.3 | 1470.7 | 1470.1 |
| 147.5° | 1511.6 | 1511.6 | 1511.6 | 1511.6 |
| 150°   | 1548.7 | 1549.3 | 1549.8 | 1550.4 |
| 152.5° | 1583.7 | 1585.1 | 1586.6 | 1588.0 |
| 155°   | 1613.9 | 1615.6 | 1617.4 | 1619.1 |
| 157.5° | 1641.1 | 1642.0 | 1642.8 | 1643.7 |
| 160°   | 1664.4 | 1666.1 | 1667.9 | 1669.6 |
| 162.5° | 1685.2 | 1686.9 | 1688.6 | 1690.3 |
| 165°   | 1703.3 | 1705.0 | 1706.8 | 1708.5 |
| 167.5° | 1717.5 | 1719.2 | 1721.0 | 1722.7 |
| 170°   | 1728.3 | 1730.4 | 1732.4 | 1734.4 |
| 172.5° | 1736.1 | 1738.1 | 1740.1 | 1742.1 |
| 175°   | 1742.2 | 1743.9 | 1745.6 | 1747.3 |
| 177.5° | 1746.0 | 1747.7 | 1749.5 | 1751.2 |
| 180°   | 1747.3 | 1747.3 | 1747.3 | 1747.3 |

(END OF REPORT)