

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333448-840

Luminaire Tested: **S125DIW-S1090D1340U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333448-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIW-S1090D1340U840-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1090 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

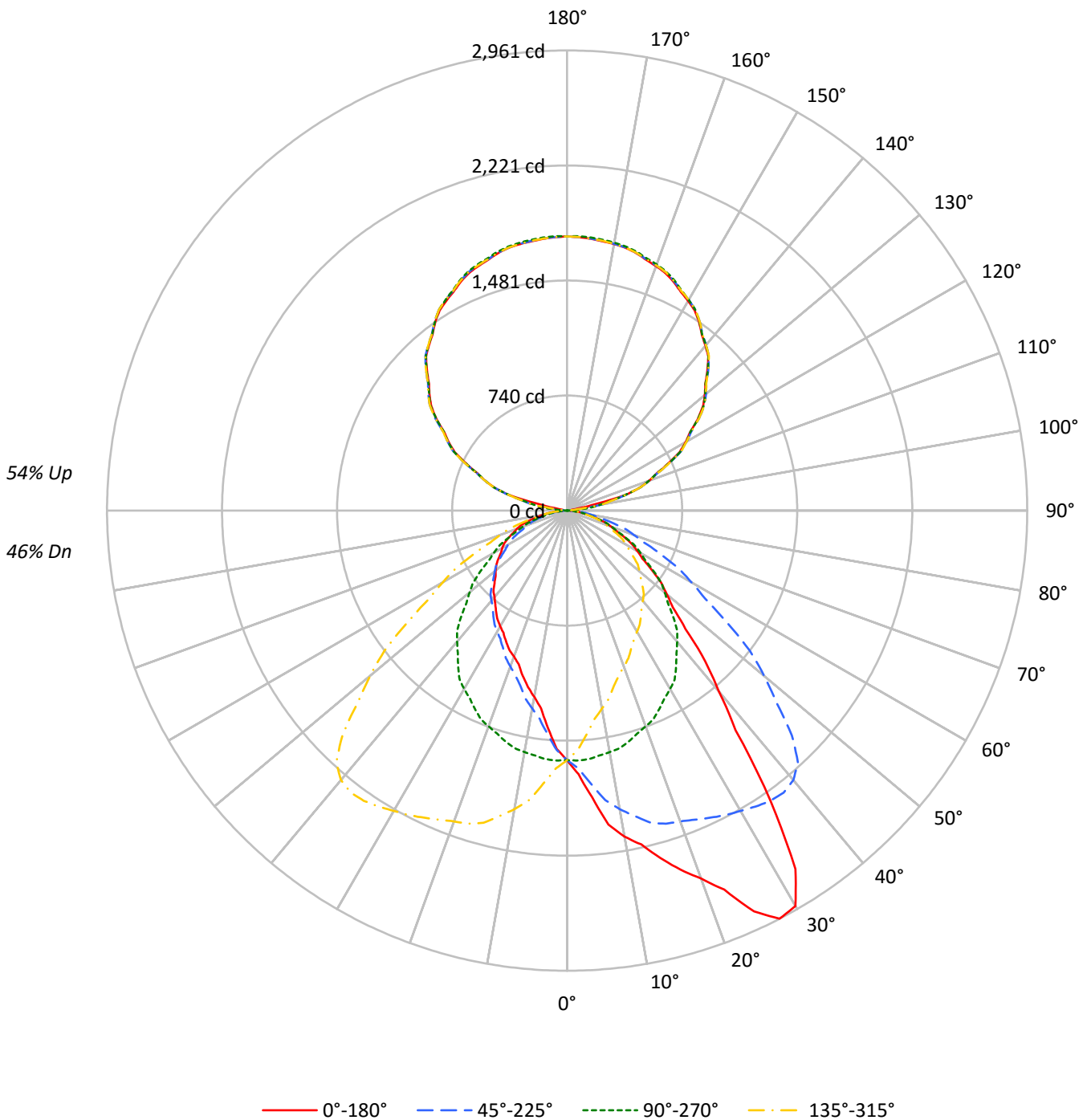
Lumens per Lamp: N/A  
Luminaire Lumens: 9951.6 lumens  
Efficiency: N/A  
Efficacy: 142.6 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 69.8  
Input Voltage (V): 120  
Input Current (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: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 46 |
| 1   | 97  | 93  | 89  | 86  | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 57 | 55 | 46 | 45 | 44 | 39 |
| 2   | 88  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 51 | 49 | 46 | 41 | 39 | 38 | 33 |
| 3   | 81  | 72  | 64  | 59  | 74 | 66 | 60 | 55 | 55 | 51 | 47 | 46 | 42 | 39 | 36 | 34 | 32 | 28 |
| 4   | 74  | 63  | 56  | 50  | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 30 | 28 | 24 |
| 5   | 68  | 56  | 48  | 43  | 62 | 52 | 45 | 40 | 44 | 39 | 35 | 37 | 33 | 29 | 29 | 27 | 24 | 21 |
| 6   | 63  | 51  | 43  | 37  | 57 | 47 | 40 | 35 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 21 | 18 |
| 7   | 58  | 46  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 31 | 27 | 30 | 26 | 23 | 24 | 21 | 19 | 16 |
| 8   | 54  | 41  | 34  | 29  | 49 | 38 | 32 | 27 | 33 | 27 | 24 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |
| 10  | 47  | 35  | 27  | 23  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10371 | 10371 | 10371 | 10371 |
| 5°  | 12010 | 10407 | 9111  | 10407 |
| 10° | 13973 | 10352 | 7984  | 10352 |
| 15° | 15468 | 10277 | 7365  | 10277 |
| 20° | 17314 | 10156 | 6868  | 10156 |
| 25° | 20283 | 10020 | 6625  | 10020 |
| 30° | 21908 | 9887  | 6415  | 9887  |
| 35° | 18013 | 9635  | 6277  | 9635  |
| 40° | 12803 | 9286  | 6126  | 9286  |
| 45° | 9836  | 8815  | 6039  | 8815  |
| 50° | 8397  | 8232  | 6027  | 8232  |
| 55° | 7475  | 7659  | 6079  | 7659  |
| 60° | 6744  | 7034  | 6234  | 7034  |
| 65° | 6229  | 6406  | 6395  | 6406  |
| 70° | 5663  | 5754  | 6488  | 5754  |
| 75° | 5001  | 5068  | 6428  | 5068  |
| 80° | 4206  | 4132  | 5880  | 4132  |
| 85° | 3327  | 2979  | 4742  | 2979  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 154.6  | 1.6       |
| 10°-20°   | 460.3  | 4.6       |
| 20°-30°   | 747.4  | 7.5       |
| 30°-40°   | 911.7  | 9.2       |
| 40°-50°   | 829.4  | 8.3       |
| 50°-60°   | 660.6  | 6.6       |
| 60°-70°   | 460.1  | 4.6       |
| 70°-80°   | 245.4  | 2.5       |
| 80°-90°   | 65.6   | 0.7       |
| 90°-100°  | 64.1   | 0.6       |
| 100°-110° | 395.0  | 4.0       |
| 110°-120° | 716.5  | 7.2       |
| 120°-130° | 919.5  | 9.2       |
| 130°-140° | 989.0  | 9.9       |
| 140°-150° | 928.3  | 9.3       |
| 150°-160° | 750.9  | 7.5       |
| 160°-170° | 485.7  | 4.9       |
| 170°-180° | 167.5  | 1.7       |
| 0°-30°    | 1362.3 | 13.7      |
| 0°-40°    | 2274.0 | 22.9      |
| 0°-60°    | 3764.0 | 37.8      |
| 0°-90°    | 4535.1 | 45.6      |
| 90°-120°  | 1175.6 | 11.8      |
| 90°-150°  | 4012.4 | 40.3      |
| 90°-180°  | 5416.0 | 54.4      |
| 0°-180°   | 9951.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1606 | 1606 | 1606 | 1606 | 1606 |      |
| 5°   | 1853 | 1605 | 1405 | 1605 | 1853 | 187  |
| 15°  | 2313 | 1537 | 1102 | 1537 | 2313 | 662  |
| 25°  | 2846 | 1406 | 930  | 1406 | 2846 | 1300 |
| 35°  | 2285 | 1222 | 796  | 1222 | 2285 | 1398 |
| 45°  | 1077 | 965  | 661  | 965  | 1077 | 862  |
| 55°  | 664  | 680  | 540  | 680  | 664  | 598  |
| 65°  | 408  | 419  | 418  | 419  | 408  | 405  |
| 75°  | 200  | 203  | 258  | 203  | 200  | 216  |
| 85°  | 45   | 40   | 64   | 40   | 45   | 53   |
| 90°  | 31   | 1    | 31   | 1    | 31   | 15   |
| 95°  | 28   | 74   | 28   | 74   | 28   | 23   |
| 105° | 388  | 384  | 388  | 384  | 388  | 351  |
| 115° | 716  | 722  | 716  | 722  | 716  | 711  |
| 125° | 1026 | 1026 | 1026 | 1026 | 1026 | 913  |
| 135° | 1275 | 1280 | 1275 | 1280 | 1275 | 984  |
| 145° | 1480 | 1484 | 1480 | 1484 | 1480 | 925  |
| 155° | 1623 | 1634 | 1623 | 1634 | 1623 | 748  |
| 165° | 1716 | 1725 | 1716 | 1725 | 1716 | 484  |
| 175° | 1756 | 1764 | 1756 | 1764 | 1756 | 167  |
| 180° | 1764 | 1764 | 1764 | 1764 | 1764 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1698.6 | 1696.4 | 1694.3 | 1689.8 | 1693.1 | 1683.8 | 1679.5 | 1671.8 | 1662.5 | 1659.3 | 1655.5 |
| 5°     | 1852.6 | 1856.0 | 1859.5 | 1845.1 | 1846.4 | 1836.9 | 1815.1 | 1797.4 | 1783.1 | 1764.6 | 1751.7 |
| 7.5°   | 2038.0 | 2029.9 | 2029.3 | 2020.0 | 2004.1 | 1991.3 | 1968.3 | 1939.1 | 1911.0 | 1878.8 | 1852.2 |
| 10°    | 2130.7 | 2131.4 | 2125.3 | 2114.4 | 2097.3 | 2085.1 | 2055.1 | 2026.4 | 1991.7 | 1950.8 | 1921.5 |
| 12.5°  | 2200.5 | 2203.3 | 2195.6 | 2180.9 | 2172.5 | 2145.1 | 2121.6 | 2087.5 | 2046.2 | 2013.5 | 1968.9 |
| 15°    | 2313.4 | 2305.9 | 2300.5 | 2282.0 | 2267.8 | 2239.1 | 2201.6 | 2166.2 | 2121.1 | 2079.6 | 2038.0 |
| 17.5°  | 2422.2 | 2428.1 | 2417.9 | 2401.2 | 2356.7 | 2323.3 | 2273.0 | 2224.5 | 2168.5 | 2112.7 | 2063.1 |
| 20°    | 2519.2 | 2524.7 | 2509.0 | 2479.7 | 2426.5 | 2393.2 | 2327.0 | 2264.3 | 2199.6 | 2128.0 | 2073.5 |
| 22.5°  | 2640.3 | 2635.9 | 2614.7 | 2570.2 | 2524.2 | 2462.4 | 2390.9 | 2314.5 | 2233.3 | 2152.5 | 2080.0 |
| 25°    | 2846.4 | 2817.7 | 2804.8 | 2749.7 | 2689.0 | 2598.3 | 2500.1 | 2388.3 | 2287.4 | 2180.5 | 2087.8 |
| 27.5°  | 2960.6 | 2951.6 | 2937.2 | 2898.7 | 2835.0 | 2738.0 | 2622.3 | 2486.1 | 2343.8 | 2208.7 | 2087.4 |
| 30°    | 2937.7 | 2939.1 | 2940.4 | 2928.2 | 2887.3 | 2814.4 | 2699.2 | 2552.6 | 2383.6 | 2231.6 | 2091.1 |
| 32.5°  | 2734.9 | 2759.7 | 2783.4 | 2811.5 | 2823.0 | 2808.9 | 2736.8 | 2604.4 | 2430.4 | 2257.8 | 2089.0 |
| 35°    | 2284.7 | 2292.3 | 2369.2 | 2445.6 | 2549.2 | 2629.7 | 2683.5 | 2624.8 | 2478.3 | 2280.0 | 2086.4 |
| 37.5°  | 1781.5 | 1818.3 | 1871.6 | 1957.8 | 2107.4 | 2241.3 | 2413.5 | 2492.6 | 2445.4 | 2287.2 | 2081.6 |
| 40°    | 1518.6 | 1552.7 | 1587.5 | 1675.4 | 1801.5 | 1963.7 | 2159.3 | 2326.3 | 2365.2 | 2264.3 | 2065.3 |
| 42.5°  | 1315.8 | 1342.8 | 1381.4 | 1447.4 | 1552.9 | 1696.6 | 1883.4 | 2101.6 | 2235.9 | 2197.8 | 2030.9 |
| 45°    | 1076.9 | 1094.0 | 1124.0 | 1176.5 | 1252.8 | 1365.2 | 1530.2 | 1768.8 | 1976.7 | 2045.5 | 1949.4 |
| 47.5°  | 921.8  | 921.7  | 945.0  | 981.3  | 1036.3 | 1131.9 | 1253.8 | 1440.8 | 1662.8 | 1827.1 | 1819.5 |
| 50°    | 835.7  | 832.2  | 850.6  | 882.0  | 925.6  | 989.1  | 1105.6 | 1254.9 | 1468.1 | 1654.3 | 1706.1 |
| 52.5°  | 761.5  | 761.9  | 773.3  | 796.4  | 832.9  | 887.1  | 974.1  | 1108.7 | 1291.0 | 1482.0 | 1579.5 |
| 55°    | 663.9  | 661.2  | 674.1  | 689.8  | 716.4  | 751.8  | 814.6  | 917.5  | 1065.3 | 1253.4 | 1380.3 |
| 57.5°  | 574.4  | 582.0  | 587.1  | 598.0  | 620.2  | 643.9  | 696.7  | 772.2  | 889.6  | 1051.1 | 1185.1 |
| 60°    | 522.1  | 529.6  | 533.7  | 544.6  | 562.3  | 582.8  | 623.7  | 685.0  | 783.9  | 922.9  | 1055.8 |
| 62.5°  | 475.2  | 481.1  | 482.4  | 492.2  | 506.8  | 526.6  | 558.8  | 610.4  | 688.4  | 810.0  | 940.2  |
| 65°    | 407.6  | 407.6  | 410.3  | 420.5  | 427.4  | 445.0  | 469.6  | 507.2  | 569.9  | 664.6  | 775.7  |
| 67.5°  | 342.4  | 345.7  | 345.1  | 349.5  | 355.8  | 369.6  | 387.2  | 418.1  | 464.5  | 533.7  | 622.6  |
| 70°    | 299.9  | 302.7  | 301.9  | 305.4  | 312.1  | 321.0  | 335.4  | 364.7  | 398.1  | 457.4  | 533.7  |
| 72.5°  | 261.8  | 262.9  | 261.1  | 265.6  | 269.6  | 277.4  | 293.4  | 309.0  | 340.2  | 390.3  | 453.0  |
| 75°    | 200.4  | 201.8  | 203.1  | 205.8  | 210.0  | 214.0  | 222.2  | 237.9  | 258.3  | 295.8  | 336.1  |
| 77.5°  | 150.3  | 147.6  | 150.9  | 150.5  | 152.8  | 155.9  | 163.2  | 171.5  | 188.2  | 212.0  | 243.1  |
| 80°    | 113.1  | 113.8  | 113.8  | 114.5  | 118.0  | 120.0  | 126.1  | 132.2  | 145.2  | 162.9  | 184.7  |
| 82.5°  | 82.6   | 84.4   | 83.3   | 84.5   | 87.4   | 88.9   | 92.3   | 97.4   | 104.8  | 118.8  | 134.5  |
| 85°    | 44.9   | 41.6   | 42.9   | 44.3   | 44.3   | 44.9   | 47.7   | 49.8   | 53.8   | 59.3   | 65.4   |
| 87.5°  | 19.4   | 20.3   | 20.6   | 20.5   | 20.8   | 20.6   | 22.5   | 22.2   | 23.5   | 24.9   | 26.7   |
| 90°    | 31.4   | 30.5   | 29.6   | 28.8   | 27.9   | 26.8   | 25.2   | 23.8   | 22.4   | 20.9   | 18.9   |
| 92.5°  | 29.3   | 28.9   | 28.5   | 28.1   | 27.7   | 26.8   | 25.2   | 23.8   | 22.4   | 20.9   | 19.1   |
| 95°    | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 26.8   | 25.2   | 23.8   | 22.4   | 20.9   | 31.9   |
| 97.5°  | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 31.5   | 39.8   | 48.0   | 56.1   | 64.3   | 86.1   |
| 100°   | 27.5   | 28.6   | 29.8   | 30.9   | 32.1   | 54.3   | 97.7   | 140.9  | 184.2  | 227.5  | 226.3  |
| 102.5° | 164.5  | 184.2  | 204.0  | 223.8  | 243.5  | 257.5  | 265.7  | 273.9  | 282.1  | 290.2  | 289.5  |
| 105°   | 388.3  | 388.6  | 388.9  | 389.2  | 389.5  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  |
| 107.5° | 489.6  | 490.4  | 491.3  | 492.1  | 493.0  | 493.4  | 493.4  | 493.3  | 493.2  | 493.2  | 492.6  |
| 110°   | 559.7  | 559.4  | 559.1  | 558.8  | 558.5  | 558.8  | 559.7  | 560.5  | 561.4  | 562.2  | 561.7  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 622.4  | 622.8  | 623.2  | 623.6  | 624.0  | 624.8  | 625.9  | 626.9  | 628.0  | 629.1  | 628.8  |
| 115°   | 716.5  | 718.2  | 720.0  | 721.8  | 723.5  | 725.0  | 726.1  | 727.3  | 728.4  | 729.6  | 729.3  |
| 117.5° | 817.0  | 817.7  | 818.5  | 819.2  | 819.9  | 821.1  | 822.6  | 824.2  | 825.7  | 827.2  | 826.1  |
| 120°   | 878.7  | 880.1  | 881.5  | 883.0  | 884.4  | 885.4  | 886.1  | 886.7  | 887.3  | 887.8  | 887.0  |
| 122.5° | 937.3  | 938.9  | 940.6  | 942.3  | 943.9  | 945.1  | 945.6  | 946.2  | 946.8  | 947.5  | 947.1  |
| 125°   | 1026.4 | 1027.2 | 1028.1 | 1029.1 | 1029.9 | 1030.9 | 1032.1 | 1033.2 | 1034.4 | 1035.5 | 1035.5 |
| 127.5° | 1101.5 | 1103.6 | 1105.8 | 1107.9 | 1110.0 | 1111.5 | 1112.1 | 1112.8 | 1113.4 | 1114.0 | 1114.2 |
| 130°   | 1155.9 | 1157.3 | 1158.7 | 1160.2 | 1161.6 | 1162.9 | 1163.7 | 1164.6 | 1165.5 | 1166.3 | 1166.0 |
| 132.5° | 1206.1 | 1207.5 | 1209.0 | 1210.4 | 1211.8 | 1212.6 | 1212.8 | 1213.0 | 1213.3 | 1213.4 | 1214.1 |
| 135°   | 1274.9 | 1276.6 | 1278.3 | 1280.1 | 1281.8 | 1282.9 | 1283.5 | 1284.1 | 1284.8 | 1285.3 | 1285.9 |
| 137.5° | 1343.8 | 1345.3 | 1346.9 | 1348.4 | 1349.9 | 1350.6 | 1350.5 | 1350.4 | 1350.3 | 1350.2 | 1350.7 |
| 140°   | 1384.6 | 1386.4 | 1388.2 | 1389.9 | 1391.6 | 1392.2 | 1391.6 | 1391.1 | 1390.5 | 1389.9 | 1390.2 |
| 142.5° | 1423.4 | 1425.1 | 1426.8 | 1428.6 | 1430.4 | 1431.2 | 1431.1 | 1430.9 | 1430.8 | 1430.7 | 1430.3 |
| 145°   | 1480.2 | 1481.9 | 1483.6 | 1485.3 | 1487.1 | 1487.8 | 1487.5 | 1487.2 | 1486.9 | 1486.6 | 1486.6 |
| 147.5° | 1526.9 | 1529.0 | 1531.1 | 1533.2 | 1535.3 | 1536.2 | 1535.8 | 1535.5 | 1535.1 | 1534.8 | 1534.4 |
| 150°   | 1557.2 | 1559.5 | 1561.9 | 1564.2 | 1566.5 | 1567.4 | 1566.8 | 1566.3 | 1565.7 | 1565.1 | 1564.5 |
| 152.5° | 1585.5 | 1587.6 | 1589.7 | 1591.7 | 1593.9 | 1594.6 | 1594.1 | 1593.5 | 1592.9 | 1592.3 | 1591.7 |
| 155°   | 1622.7 | 1625.0 | 1627.3 | 1629.6 | 1631.9 | 1632.6 | 1631.7 | 1630.9 | 1630.0 | 1629.2 | 1628.6 |
| 157.5° | 1653.8 | 1656.1 | 1658.4 | 1660.7 | 1663.0 | 1663.8 | 1662.8 | 1661.9 | 1660.9 | 1660.0 | 1660.0 |
| 160°   | 1673.6 | 1676.0 | 1678.3 | 1680.6 | 1682.9 | 1683.5 | 1682.3 | 1681.2 | 1680.0 | 1678.9 | 1678.6 |
| 162.5° | 1691.4 | 1693.9 | 1696.5 | 1699.1 | 1701.6 | 1702.1 | 1700.5 | 1698.8 | 1697.2 | 1695.6 | 1695.3 |
| 165°   | 1715.5 | 1717.8 | 1720.1 | 1722.4 | 1724.7 | 1725.1 | 1723.3 | 1721.5 | 1719.8 | 1718.1 | 1717.8 |
| 167.5° | 1732.2 | 1734.8 | 1737.5 | 1740.0 | 1742.6 | 1742.9 | 1740.8 | 1738.8 | 1736.7 | 1734.5 | 1734.2 |
| 170°   | 1741.6 | 1744.2 | 1746.9 | 1749.5 | 1752.1 | 1752.2 | 1749.9 | 1747.6 | 1745.2 | 1742.9 | 1742.6 |
| 172.5° | 1747.9 | 1750.5 | 1753.1 | 1755.8 | 1758.4 | 1758.6 | 1756.6 | 1754.4 | 1752.3 | 1750.2 | 1749.7 |
| 175°   | 1756.0 | 1758.6 | 1761.2 | 1763.8 | 1766.5 | 1766.6 | 1764.2 | 1761.9 | 1759.6 | 1757.3 | 1757.1 |
| 177.5° | 1760.7 | 1762.5 | 1764.4 | 1766.3 | 1768.2 | 1768.3 | 1766.7 | 1765.0 | 1763.4 | 1761.7 | 1761.5 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



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CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1652.2 | 1648.4 | 1644.1 | 1636.4 | 1627.1 | 1622.2 | 1614.6 | 1609.7 | 1599.8 | 1591.6 | 1583.0 |
| 5°     | 1736.1 | 1718.4 | 1702.0 | 1680.8 | 1657.7 | 1642.6 | 1625.0 | 1605.2 | 1584.8 | 1563.6 | 1540.4 |
| 7.5°   | 1822.9 | 1791.5 | 1757.5 | 1720.8 | 1685.0 | 1651.9 | 1620.4 | 1589.5 | 1560.6 | 1525.7 | 1496.1 |
| 10°    | 1881.3 | 1841.7 | 1799.5 | 1749.7 | 1701.3 | 1659.0 | 1616.1 | 1578.6 | 1540.4 | 1499.5 | 1463.4 |
| 12.5°  | 1939.5 | 1886.9 | 1827.2 | 1772.6 | 1714.3 | 1663.3 | 1612.9 | 1565.0 | 1517.0 | 1471.8 | 1429.6 |
| 15°    | 1980.7 | 1934.4 | 1879.2 | 1801.5 | 1736.1 | 1665.9 | 1599.0 | 1537.0 | 1479.0 | 1428.7 | 1375.5 |
| 17.5°  | 2007.9 | 1948.1 | 1888.9 | 1814.3 | 1728.6 | 1650.0 | 1574.4 | 1503.4 | 1438.0 | 1374.1 | 1322.8 |
| 20°    | 2012.8 | 1951.5 | 1889.5 | 1816.4 | 1728.6 | 1638.6 | 1563.0 | 1477.7 | 1407.5 | 1341.4 | 1278.7 |
| 22.5°  | 2011.1 | 1941.7 | 1874.1 | 1799.1 | 1713.3 | 1630.4 | 1538.9 | 1452.1 | 1375.9 | 1310.9 | 1245.5 |
| 25°    | 1995.8 | 1921.5 | 1836.9 | 1761.3 | 1676.8 | 1588.8 | 1496.1 | 1406.1 | 1328.5 | 1254.2 | 1189.4 |
| 27.5°  | 1983.0 | 1886.5 | 1790.9 | 1702.6 | 1621.0 | 1540.4 | 1451.7 | 1359.6 | 1273.3 | 1198.1 | 1137.1 |
| 30°    | 1967.1 | 1861.5 | 1753.7 | 1661.7 | 1577.9 | 1499.5 | 1415.7 | 1325.8 | 1235.8 | 1162.2 | 1096.7 |
| 32.5°  | 1953.0 | 1829.9 | 1716.2 | 1616.0 | 1527.2 | 1451.0 | 1373.7 | 1288.1 | 1199.7 | 1125.1 | 1059.7 |
| 35°    | 1925.5 | 1783.1 | 1652.9 | 1539.7 | 1445.0 | 1366.7 | 1301.9 | 1222.1 | 1141.0 | 1068.7 | 1006.0 |
| 37.5°  | 1890.8 | 1721.7 | 1582.1 | 1463.4 | 1359.6 | 1277.0 | 1216.7 | 1155.5 | 1077.6 | 1007.9 | 951.3  |
| 40°    | 1863.5 | 1678.1 | 1530.2 | 1408.9 | 1301.2 | 1215.3 | 1159.4 | 1101.5 | 1036.7 | 972.0  | 912.0  |
| 42.5°  | 1829.2 | 1638.9 | 1477.8 | 1347.3 | 1240.6 | 1157.0 | 1098.3 | 1049.1 | 992.0  | 931.6  | 876.0  |
| 45°    | 1766.1 | 1567.7 | 1393.2 | 1252.8 | 1145.1 | 1062.6 | 1002.0 | 965.1  | 922.2  | 864.9  | 817.9  |
| 47.5°  | 1673.2 | 1482.2 | 1301.7 | 1156.8 | 1045.7 | 969.3  | 912.4  | 877.1  | 846.9  | 804.3  | 761.6  |
| 50°    | 1590.8 | 1418.5 | 1235.8 | 1092.0 | 980.9  | 903.8  | 851.3  | 819.3  | 793.3  | 760.6  | 724.6  |
| 52.5°  | 1498.7 | 1338.3 | 1170.8 | 1028.6 | 918.7  | 842.7  | 791.3  | 763.2  | 741.5  | 718.1  | 682.6  |
| 55°    | 1352.3 | 1216.0 | 1060.6 | 925.6  | 824.0  | 749.7  | 704.8  | 680.2  | 662.6  | 644.8  | 623.0  |
| 57.5°  | 1191.0 | 1084.4 | 946.7  | 823.3  | 729.8  | 662.3  | 620.3  | 596.4  | 582.6  | 573.5  | 560.7  |
| 60°    | 1077.6 | 986.3  | 867.7  | 755.2  | 663.9  | 603.9  | 563.0  | 544.6  | 533.0  | 525.5  | 515.9  |
| 62.5°  | 972.4  | 897.4  | 787.5  | 684.9  | 605.0  | 548.3  | 511.8  | 493.9  | 482.8  | 479.2  | 471.3  |
| 65°    | 817.3  | 759.3  | 668.6  | 583.5  | 515.3  | 466.9  | 436.3  | 419.2  | 412.3  | 408.3  | 409.0  |
| 67.5°  | 664.4  | 629.1  | 556.3  | 483.6  | 429.3  | 388.7  | 364.2  | 351.0  | 347.6  | 342.1  | 342.0  |
| 70°    | 571.2  | 544.6  | 483.2  | 419.9  | 371.4  | 340.1  | 318.3  | 304.7  | 301.2  | 298.5  | 297.9  |
| 72.5°  | 488.9  | 465.5  | 412.3  | 361.5  | 318.0  | 290.5  | 272.5  | 264.3  | 258.7  | 257.1  | 257.0  |
| 75°    | 367.4  | 354.5  | 312.1  | 272.0  | 242.0  | 222.9  | 210.7  | 203.1  | 199.0  | 198.3  | 199.0  |
| 77.5°  | 261.2  | 249.8  | 223.0  | 194.5  | 175.6  | 161.2  | 150.8  | 148.1  | 143.5  | 143.7  | 143.0  |
| 80°    | 196.3  | 188.8  | 171.8  | 149.3  | 133.6  | 121.3  | 115.8  | 111.1  | 109.8  | 107.7  | 109.8  |
| 82.5°  | 142.3  | 134.3  | 122.7  | 108.4  | 95.4   | 88.1   | 82.6   | 81.1   | 80.3   | 79.4   | 79.8   |
| 85°    | 70.2   | 70.9   | 64.0   | 53.1   | 47.7   | 43.6   | 40.2   | 40.2   | 39.5   | 38.9   | 39.5   |
| 87.5°  | 27.4   | 25.9   | 23.3   | 21.2   | 18.0   | 16.0   | 14.9   | 14.9   | 13.8   | 13.7   | 14.7   |
| 90°    | 16.9   | 14.8   | 12.8   | 10.6   | 8.3    | 6.0    | 3.6    | 1.3    | 3.6    | 6.0    | 8.3    |
| 92.5°  | 17.3   | 15.6   | 13.7   | 13.6   | 15.2   | 16.9   | 18.5   | 20.1   | 18.5   | 16.9   | 15.2   |
| 95°    | 43.0   | 54.0   | 65.0   | 71.0   | 71.9   | 72.8   | 73.6   | 74.5   | 73.6   | 72.8   | 71.9   |
| 97.5°  | 108.1  | 129.9  | 151.7  | 161.9  | 160.3  | 158.8  | 157.1  | 155.6  | 157.1  | 158.8  | 160.3  |
| 100°   | 225.2  | 224.0  | 222.9  | 221.9  | 221.0  | 220.0  | 219.2  | 218.3  | 219.2  | 220.0  | 221.0  |
| 102.5° | 288.9  | 288.2  | 287.5  | 286.6  | 285.5  | 284.4  | 283.3  | 282.2  | 283.3  | 284.4  | 285.5  |
| 105°   | 389.6  | 389.6  | 389.6  | 389.1  | 387.9  | 386.8  | 385.6  | 384.5  | 385.6  | 386.8  | 387.9  |
| 107.5° | 492.0  | 491.5  | 490.9  | 490.6  | 490.6  | 490.6  | 490.6  | 490.6  | 490.6  | 490.6  | 490.6  |
| 110°   | 561.1  | 560.5  | 559.9  | 559.7  | 559.7  | 559.7  | 559.7  | 559.7  | 559.7  | 559.7  | 559.7  |





TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 628.4  | 628.1  | 627.8  | 627.2  | 626.5  | 625.9  | 625.2  | 624.5  | 625.2  | 625.9  | 626.5  |
| 115°   | 729.0  | 728.7  | 728.4  | 727.6  | 726.1  | 724.7  | 723.2  | 721.8  | 723.2  | 724.7  | 726.1  |
| 117.5° | 825.0  | 823.8  | 822.7  | 822.2  | 822.2  | 822.3  | 822.3  | 822.4  | 822.3  | 822.3  | 822.2  |
| 120°   | 886.1  | 885.1  | 884.3  | 884.0  | 884.3  | 884.6  | 884.9  | 885.1  | 884.9  | 884.6  | 884.3  |
| 122.5° | 946.6  | 946.2  | 945.8  | 945.0  | 943.9  | 942.8  | 941.7  | 940.6  | 941.7  | 942.8  | 943.9  |
| 125°   | 1035.5 | 1035.5 | 1035.5 | 1034.5 | 1032.5 | 1030.5 | 1028.4 | 1026.4 | 1028.4 | 1030.5 | 1032.5 |
| 127.5° | 1114.4 | 1114.5 | 1114.7 | 1114.1 | 1112.6 | 1111.2 | 1109.7 | 1108.2 | 1109.7 | 1111.2 | 1112.6 |
| 130°   | 1165.7 | 1165.5 | 1165.2 | 1164.3 | 1162.9 | 1161.3 | 1159.9 | 1158.4 | 1159.9 | 1161.3 | 1162.9 |
| 132.5° | 1214.7 | 1215.3 | 1216.0 | 1215.4 | 1213.8 | 1212.0 | 1210.3 | 1208.7 | 1210.3 | 1212.0 | 1213.8 |
| 135°   | 1286.5 | 1287.1 | 1287.6 | 1287.1 | 1285.3 | 1283.5 | 1281.8 | 1280.1 | 1281.8 | 1283.5 | 1285.3 |
| 137.5° | 1351.2 | 1351.7 | 1352.2 | 1351.7 | 1350.2 | 1348.7 | 1347.2 | 1345.7 | 1347.2 | 1348.7 | 1350.2 |
| 140°   | 1390.5 | 1390.8 | 1391.1 | 1390.9 | 1390.3 | 1389.8 | 1389.2 | 1388.6 | 1389.2 | 1389.8 | 1390.3 |
| 142.5° | 1429.9 | 1429.5 | 1429.1 | 1428.7 | 1428.4 | 1427.9 | 1427.6 | 1427.2 | 1427.6 | 1427.9 | 1428.4 |
| 145°   | 1486.6 | 1486.6 | 1486.6 | 1486.3 | 1485.8 | 1485.2 | 1484.6 | 1484.0 | 1484.6 | 1485.2 | 1485.8 |
| 147.5° | 1534.1 | 1533.7 | 1533.4 | 1533.3 | 1533.4 | 1533.5 | 1533.6 | 1533.7 | 1533.6 | 1533.5 | 1533.4 |
| 150°   | 1564.0 | 1563.4 | 1562.8 | 1562.8 | 1563.4 | 1564.0 | 1564.5 | 1565.1 | 1564.5 | 1564.0 | 1563.4 |
| 152.5° | 1591.1 | 1590.5 | 1589.9 | 1590.3 | 1591.6 | 1592.9 | 1594.2 | 1595.4 | 1594.2 | 1592.9 | 1591.6 |
| 155°   | 1628.0 | 1627.4 | 1626.9 | 1627.4 | 1629.2 | 1630.9 | 1632.6 | 1634.4 | 1632.6 | 1630.9 | 1629.2 |
| 157.5° | 1659.9 | 1659.8 | 1659.8 | 1660.3 | 1661.3 | 1662.3 | 1663.4 | 1664.5 | 1663.4 | 1662.3 | 1661.3 |
| 160°   | 1678.3 | 1678.0 | 1677.7 | 1678.4 | 1680.1 | 1681.9 | 1683.6 | 1685.4 | 1683.6 | 1681.9 | 1680.1 |
| 162.5° | 1695.1 | 1694.8 | 1694.5 | 1695.2 | 1696.9 | 1698.6 | 1700.4 | 1702.1 | 1700.4 | 1698.6 | 1696.9 |
| 165°   | 1717.5 | 1717.2 | 1716.9 | 1717.7 | 1719.4 | 1721.1 | 1722.8 | 1724.6 | 1722.8 | 1721.1 | 1719.4 |
| 167.5° | 1733.9 | 1733.6 | 1733.4 | 1734.1 | 1736.0 | 1737.8 | 1739.6 | 1741.3 | 1739.6 | 1737.8 | 1736.0 |
| 170°   | 1742.3 | 1742.0 | 1741.7 | 1742.6 | 1744.6 | 1746.7 | 1748.8 | 1750.8 | 1748.8 | 1746.7 | 1744.6 |
| 172.5° | 1749.2 | 1748.7 | 1748.2 | 1748.9 | 1750.9 | 1753.0 | 1755.0 | 1757.1 | 1755.0 | 1753.0 | 1750.9 |
| 175°   | 1756.8 | 1756.5 | 1756.2 | 1756.9 | 1758.6 | 1760.4 | 1762.1 | 1763.8 | 1762.1 | 1760.4 | 1758.6 |
| 177.5° | 1761.3 | 1761.1 | 1760.8 | 1761.4 | 1762.8 | 1764.2 | 1765.5 | 1767.0 | 1765.5 | 1764.2 | 1762.8 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1578.0 | 1572.1 | 1567.1 | 1556.2 | 1550.2 | 1542.1 | 1535.5 | 1542.6 | 1535.0 | 1538.2 | 1533.4 |
| 5°     | 1528.8 | 1509.7 | 1496.1 | 1476.3 | 1459.4 | 1443.6 | 1432.1 | 1430.0 | 1424.5 | 1421.8 | 1413.6 |
| 7.5°   | 1469.7 | 1445.8 | 1422.4 | 1396.4 | 1374.6 | 1352.4 | 1338.3 | 1326.6 | 1318.8 | 1308.6 | 1301.6 |
| 10°    | 1434.8 | 1402.7 | 1375.5 | 1344.1 | 1316.9 | 1293.0 | 1273.9 | 1264.4 | 1255.6 | 1242.5 | 1237.8 |
| 12.5°  | 1391.7 | 1358.6 | 1325.3 | 1291.8 | 1265.6 | 1239.0 | 1222.6 | 1208.2 | 1202.0 | 1187.5 | 1186.0 |
| 15°    | 1340.1 | 1290.3 | 1257.6 | 1223.5 | 1187.4 | 1165.6 | 1152.0 | 1136.2 | 1129.4 | 1119.2 | 1111.7 |
| 17.5°  | 1278.4 | 1234.0 | 1193.1 | 1157.8 | 1126.8 | 1108.4 | 1091.6 | 1080.8 | 1069.0 | 1062.4 | 1050.1 |
| 20°    | 1233.8 | 1191.4 | 1150.5 | 1113.1 | 1089.2 | 1068.0 | 1054.4 | 1044.2 | 1032.0 | 1028.5 | 1016.3 |
| 22.5°  | 1196.1 | 1149.4 | 1110.2 | 1078.7 | 1052.7 | 1028.9 | 1014.1 | 1007.1 | 998.7  | 988.2  | 985.7  |
| 25°    | 1134.9 | 1086.5 | 1053.1 | 1021.8 | 998.6  | 976.7  | 966.5  | 957.7  | 949.5  | 942.0  | 939.3  |
| 27.5°  | 1082.0 | 1038.7 | 999.1  | 970.8  | 950.6  | 930.7  | 921.7  | 910.9  | 904.9  | 898.9  | 891.5  |
| 30°    | 1044.9 | 1000.6 | 965.8  | 938.6  | 916.8  | 899.1  | 889.5  | 882.0  | 876.6  | 871.1  | 867.0  |
| 32.5°  | 1006.7 | 965.7  | 932.0  | 905.3  | 883.5  | 870.1  | 861.7  | 856.4  | 850.4  | 843.8  | 838.7  |
| 35°    | 956.3  | 911.3  | 878.6  | 855.5  | 838.4  | 828.2  | 818.6  | 813.9  | 807.0  | 807.0  | 801.5  |
| 37.5°  | 899.5  | 860.6  | 831.7  | 810.6  | 795.3  | 786.2  | 775.8  | 772.5  | 768.2  | 765.3  | 763.4  |
| 40°    | 865.7  | 829.5  | 802.2  | 781.1  | 764.8  | 757.3  | 749.1  | 743.7  | 740.9  | 737.5  | 736.1  |
| 42.5°  | 830.7  | 796.3  | 770.1  | 750.6  | 736.4  | 730.0  | 722.4  | 718.5  | 713.1  | 708.6  | 707.8  |
| 45°    | 777.7  | 744.3  | 720.4  | 704.8  | 692.5  | 685.0  | 680.2  | 672.1  | 669.3  | 663.9  | 663.2  |
| 47.5°  | 727.4  | 695.4  | 672.0  | 659.1  | 648.3  | 642.2  | 634.7  | 626.5  | 623.4  | 620.7  | 620.4  |
| 50°    | 689.8  | 660.5  | 638.6  | 626.4  | 616.2  | 607.3  | 599.9  | 594.4  | 592.3  | 592.3  | 593.7  |
| 52.5°  | 651.7  | 626.6  | 608.1  | 593.1  | 583.5  | 574.0  | 567.1  | 563.8  | 560.7  | 564.0  | 566.4  |
| 55°    | 595.7  | 570.5  | 556.8  | 542.6  | 533.0  | 522.1  | 518.7  | 517.4  | 515.3  | 520.8  | 523.5  |
| 57.5°  | 536.5  | 518.9  | 502.9  | 488.7  | 480.1  | 473.8  | 469.2  | 468.4  | 472.2  | 474.8  | 483.6  |
| 60°    | 499.0  | 478.5  | 464.1  | 453.2  | 443.0  | 439.0  | 437.6  | 436.3  | 439.0  | 446.5  | 458.1  |
| 62.5°  | 457.5  | 440.9  | 425.5  | 417.3  | 409.8  | 402.9  | 402.7  | 403.5  | 409.0  | 417.6  | 429.1  |
| 65°    | 396.7  | 382.3  | 372.1  | 362.6  | 356.5  | 352.3  | 353.8  | 356.5  | 362.6  | 374.2  | 387.2  |
| 67.5°  | 335.0  | 325.2  | 316.0  | 308.2  | 302.4  | 302.4  | 303.8  | 307.8  | 315.1  | 328.4  | 340.2  |
| 70°    | 295.2  | 284.3  | 276.7  | 273.4  | 268.5  | 265.8  | 269.9  | 276.7  | 282.9  | 295.2  | 305.4  |
| 72.5°  | 255.3  | 246.1  | 240.2  | 237.9  | 235.8  | 233.7  | 235.0  | 242.4  | 250.6  | 263.0  | 274.8  |
| 75°    | 196.3  | 192.9  | 188.8  | 186.1  | 184.0  | 185.4  | 186.7  | 193.6  | 200.4  | 213.4  | 227.0  |
| 77.5°  | 143.3  | 139.8  | 137.2  | 136.6  | 135.5  | 136.2  | 140.0  | 145.0  | 151.7  | 161.2  | 171.5  |
| 80°    | 108.4  | 107.0  | 105.6  | 104.9  | 104.9  | 105.6  | 111.1  | 114.5  | 120.7  | 129.5  | 137.6  |
| 82.5°  | 79.0   | 78.1   | 77.9   | 77.7   | 78.3   | 78.4   | 81.7   | 86.1   | 91.2   | 97.9   | 104.9  |
| 85°    | 41.6   | 40.2   | 42.2   | 42.9   | 41.6   | 43.6   | 44.9   | 47.7   | 49.8   | 53.1   | 56.6   |
| 87.5°  | 15.8   | 17.3   | 17.2   | 18.1   | 18.5   | 20.0   | 19.7   | 22.2   | 23.6   | 24.9   | 24.6   |
| 90°    | 10.6   | 12.8   | 14.8   | 16.9   | 18.9   | 20.9   | 22.4   | 23.8   | 25.2   | 26.8   | 27.9   |
| 92.5°  | 13.6   | 13.7   | 15.6   | 17.3   | 19.1   | 20.9   | 22.4   | 23.8   | 25.2   | 26.8   | 27.7   |
| 95°    | 71.0   | 65.0   | 54.0   | 43.0   | 31.9   | 20.9   | 22.4   | 23.8   | 25.2   | 26.8   | 27.5   |
| 97.5°  | 161.9  | 151.7  | 129.9  | 108.1  | 86.1   | 64.3   | 56.1   | 48.0   | 39.8   | 31.5   | 27.5   |
| 100°   | 221.9  | 222.9  | 224.0  | 225.2  | 226.3  | 227.5  | 184.2  | 140.9  | 97.7   | 54.3   | 32.1   |
| 102.5° | 286.6  | 287.5  | 288.2  | 288.9  | 289.5  | 290.2  | 282.1  | 273.9  | 265.7  | 257.5  | 243.5  |
| 105°   | 389.1  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.5  |
| 107.5° | 490.6  | 490.9  | 491.5  | 492.0  | 492.6  | 493.2  | 493.2  | 493.3  | 493.4  | 493.4  | 493.0  |
| 110°   | 559.7  | 559.9  | 560.5  | 561.1  | 561.7  | 562.2  | 561.4  | 560.5  | 559.7  | 558.8  | 558.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 627.2  | 627.8  | 628.1  | 628.4  | 628.8  | 629.1  | 628.0  | 626.9  | 625.9  | 624.8  | 624.0  |
| 115°   | 727.6  | 728.4  | 728.7  | 729.0  | 729.3  | 729.6  | 728.4  | 727.3  | 726.1  | 725.0  | 723.5  |
| 117.5° | 822.2  | 822.7  | 823.8  | 825.0  | 826.1  | 827.2  | 825.7  | 824.2  | 822.6  | 821.1  | 819.9  |
| 120°   | 884.0  | 884.3  | 885.1  | 886.1  | 887.0  | 887.8  | 887.3  | 886.7  | 886.1  | 885.4  | 884.4  |
| 122.5° | 945.0  | 945.8  | 946.2  | 946.6  | 947.1  | 947.5  | 946.8  | 946.2  | 945.6  | 945.1  | 943.9  |
| 125°   | 1034.5 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1034.4 | 1033.2 | 1032.1 | 1030.9 | 1029.9 |
| 127.5° | 1114.1 | 1114.7 | 1114.5 | 1114.4 | 1114.2 | 1114.0 | 1113.4 | 1112.8 | 1112.1 | 1111.5 | 1110.0 |
| 130°   | 1164.3 | 1165.2 | 1165.5 | 1165.7 | 1166.0 | 1166.3 | 1165.5 | 1164.6 | 1163.7 | 1162.9 | 1161.6 |
| 132.5° | 1215.4 | 1216.0 | 1215.3 | 1214.7 | 1214.1 | 1213.4 | 1213.3 | 1213.0 | 1212.8 | 1212.6 | 1211.8 |
| 135°   | 1287.1 | 1287.6 | 1287.1 | 1286.5 | 1285.9 | 1285.3 | 1284.8 | 1284.1 | 1283.5 | 1282.9 | 1281.8 |
| 137.5° | 1351.7 | 1352.2 | 1351.7 | 1351.2 | 1350.7 | 1350.2 | 1350.3 | 1350.4 | 1350.5 | 1350.6 | 1349.9 |
| 140°   | 1390.9 | 1391.1 | 1390.8 | 1390.5 | 1390.2 | 1389.9 | 1390.5 | 1391.1 | 1391.6 | 1392.2 | 1391.6 |
| 142.5° | 1428.7 | 1429.1 | 1429.5 | 1429.9 | 1430.3 | 1430.7 | 1430.8 | 1430.9 | 1431.1 | 1431.2 | 1430.4 |
| 145°   | 1486.3 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.9 | 1487.2 | 1487.5 | 1487.8 | 1487.1 |
| 147.5° | 1533.3 | 1533.4 | 1533.7 | 1534.1 | 1534.4 | 1534.8 | 1535.1 | 1535.5 | 1535.8 | 1536.2 | 1535.3 |
| 150°   | 1562.8 | 1562.8 | 1563.4 | 1564.0 | 1564.5 | 1565.1 | 1565.7 | 1566.3 | 1566.8 | 1567.4 | 1566.5 |
| 152.5° | 1590.3 | 1589.9 | 1590.5 | 1591.1 | 1591.7 | 1592.3 | 1592.9 | 1593.5 | 1594.1 | 1594.6 | 1593.9 |
| 155°   | 1627.4 | 1626.9 | 1627.4 | 1628.0 | 1628.6 | 1629.2 | 1630.0 | 1630.9 | 1631.7 | 1632.6 | 1631.9 |
| 157.5° | 1660.3 | 1659.8 | 1659.8 | 1659.9 | 1660.0 | 1660.0 | 1660.9 | 1661.9 | 1662.8 | 1663.8 | 1663.0 |
| 160°   | 1678.4 | 1677.7 | 1678.0 | 1678.3 | 1678.6 | 1678.9 | 1680.0 | 1681.2 | 1682.3 | 1683.5 | 1682.9 |
| 162.5° | 1695.2 | 1694.5 | 1694.8 | 1695.1 | 1695.3 | 1695.6 | 1697.2 | 1698.8 | 1700.5 | 1702.1 | 1701.6 |
| 165°   | 1717.7 | 1716.9 | 1717.2 | 1717.5 | 1717.8 | 1718.1 | 1719.8 | 1721.5 | 1723.3 | 1725.1 | 1724.7 |
| 167.5° | 1734.1 | 1733.4 | 1733.6 | 1733.9 | 1734.2 | 1734.5 | 1736.7 | 1738.8 | 1740.8 | 1742.9 | 1742.6 |
| 170°   | 1742.6 | 1741.7 | 1742.0 | 1742.3 | 1742.6 | 1742.9 | 1745.2 | 1747.6 | 1749.9 | 1752.2 | 1752.1 |
| 172.5° | 1748.9 | 1748.2 | 1748.7 | 1749.2 | 1749.7 | 1750.2 | 1752.3 | 1754.4 | 1756.6 | 1758.6 | 1758.4 |
| 175°   | 1756.9 | 1756.2 | 1756.5 | 1756.8 | 1757.1 | 1757.3 | 1759.6 | 1761.9 | 1764.2 | 1766.6 | 1766.5 |
| 177.5° | 1761.4 | 1760.8 | 1761.1 | 1761.3 | 1761.5 | 1761.7 | 1763.4 | 1765.0 | 1766.7 | 1768.3 | 1768.2 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



TEST NUMBER: P333448-840

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1530.0 | 1533.9 | 1530.7 | 1535.0 | 1530.7 | 1533.9 | 1530.0 | 1533.4 | 1538.2 | 1535.0 | 1542.6 |
| 5°     | 1410.3 | 1404.1 | 1408.2 | 1405.4 | 1408.2 | 1404.1 | 1410.3 | 1413.6 | 1421.8 | 1424.5 | 1430.0 |
| 7.5°   | 1299.6 | 1293.7 | 1287.0 | 1283.8 | 1287.0 | 1293.7 | 1299.6 | 1301.6 | 1308.6 | 1318.8 | 1326.6 |
| 10°    | 1230.3 | 1222.8 | 1222.1 | 1217.4 | 1222.1 | 1222.8 | 1230.3 | 1237.8 | 1242.5 | 1255.6 | 1264.4 |
| 12.5°  | 1179.6 | 1172.7 | 1164.9 | 1162.9 | 1164.9 | 1172.7 | 1179.6 | 1186.0 | 1187.5 | 1202.0 | 1208.2 |
| 15°    | 1107.6 | 1102.2 | 1097.4 | 1101.5 | 1097.4 | 1102.2 | 1107.6 | 1111.7 | 1119.2 | 1129.4 | 1136.2 |
| 17.5°  | 1047.7 | 1043.3 | 1042.5 | 1037.4 | 1042.5 | 1043.3 | 1047.7 | 1050.1 | 1062.4 | 1069.0 | 1080.8 |
| 20°    | 1010.2 | 1006.7 | 1008.1 | 999.3  | 1008.1 | 1006.7 | 1010.2 | 1016.3 | 1028.5 | 1032.0 | 1044.2 |
| 22.5°  | 980.2  | 973.5  | 972.7  | 970.9  | 972.7  | 973.5  | 980.2  | 985.7  | 988.2  | 998.7  | 1007.1 |
| 25°    | 933.1  | 929.7  | 926.3  | 929.7  | 926.3  | 929.7  | 933.1  | 939.3  | 942.0  | 949.5  | 957.7  |
| 27.5°  | 892.1  | 888.0  | 887.1  | 887.5  | 887.1  | 888.0  | 892.1  | 891.5  | 898.9  | 904.9  | 910.9  |
| 30°    | 867.0  | 860.2  | 860.9  | 860.2  | 860.9  | 860.2  | 867.0  | 867.0  | 871.1  | 876.6  | 882.0  |
| 32.5°  | 839.7  | 835.1  | 834.1  | 832.9  | 834.1  | 835.1  | 839.7  | 838.7  | 843.8  | 850.4  | 856.4  |
| 35°    | 799.5  | 799.5  | 796.1  | 796.1  | 796.1  | 799.5  | 799.5  | 801.5  | 807.0  | 807.0  | 813.9  |
| 37.5°  | 761.7  | 761.0  | 759.0  | 759.3  | 759.0  | 761.0  | 761.7  | 763.4  | 765.3  | 768.2  | 772.5  |
| 40°    | 733.4  | 732.8  | 730.6  | 726.6  | 730.6  | 732.8  | 733.4  | 736.1  | 737.5  | 740.9  | 743.7  |
| 42.5°  | 706.1  | 703.9  | 702.9  | 701.6  | 702.9  | 703.9  | 706.1  | 707.8  | 708.6  | 713.1  | 718.5  |
| 45°    | 663.2  | 663.2  | 661.9  | 661.2  | 661.9  | 663.2  | 663.2  | 663.2  | 663.9  | 669.3  | 672.1  |
| 47.5°  | 621.5  | 622.7  | 625.3  | 624.9  | 625.3  | 622.7  | 621.5  | 620.4  | 620.7  | 623.4  | 626.5  |
| 50°    | 596.4  | 597.1  | 599.2  | 599.9  | 599.2  | 597.1  | 596.4  | 593.7  | 592.3  | 592.3  | 594.4  |
| 52.5°  | 568.6  | 572.6  | 575.1  | 574.7  | 575.1  | 572.6  | 568.6  | 566.4  | 564.0  | 560.7  | 563.8  |
| 55°    | 529.6  | 534.4  | 539.2  | 539.9  | 539.2  | 534.4  | 529.6  | 523.5  | 520.8  | 515.3  | 517.4  |
| 57.5°  | 491.0  | 497.7  | 502.7  | 504.4  | 502.7  | 497.7  | 491.0  | 483.6  | 474.8  | 472.2  | 468.4  |
| 60°    | 464.8  | 473.7  | 479.9  | 482.6  | 479.9  | 473.7  | 464.8  | 458.1  | 446.5  | 439.0  | 436.3  |
| 62.5°  | 439.8  | 449.7  | 455.9  | 456.4  | 455.9  | 449.7  | 439.8  | 429.1  | 417.6  | 409.0  | 403.5  |
| 65°    | 398.7  | 409.0  | 414.4  | 418.5  | 414.4  | 409.0  | 398.7  | 387.2  | 374.2  | 362.6  | 356.5  |
| 67.5°  | 354.6  | 364.8  | 370.8  | 374.1  | 370.8  | 364.8  | 354.6  | 340.2  | 328.4  | 315.1  | 307.8  |
| 70°    | 322.4  | 332.6  | 340.8  | 343.6  | 340.8  | 332.6  | 322.4  | 305.4  | 295.2  | 282.9  | 276.7  |
| 72.5°  | 290.7  | 299.9  | 306.5  | 309.7  | 306.5  | 299.9  | 290.7  | 274.8  | 263.0  | 250.6  | 242.4  |
| 75°    | 235.8  | 248.1  | 254.3  | 257.6  | 254.3  | 248.1  | 235.8  | 227.0  | 213.4  | 200.4  | 193.6  |
| 77.5°  | 181.9  | 193.0  | 196.7  | 198.4  | 196.7  | 193.0  | 181.9  | 171.5  | 161.2  | 151.7  | 145.0  |
| 80°    | 145.8  | 152.7  | 157.4  | 158.1  | 157.4  | 152.7  | 145.8  | 137.6  | 129.5  | 120.7  | 114.5  |
| 82.5°  | 112.1  | 117.8  | 119.3  | 121.1  | 119.3  | 117.8  | 112.1  | 104.9  | 97.9   | 91.2   | 86.1   |
| 85°    | 61.3   | 64.0   | 64.7   | 64.0   | 64.7   | 64.0   | 61.3   | 56.6   | 53.1   | 49.8   | 47.7   |
| 87.5°  | 26.0   | 25.5   | 25.8   | 27.0   | 25.8   | 25.5   | 26.0   | 24.6   | 24.9   | 23.6   | 22.2   |
| 90°    | 28.8   | 29.6   | 30.5   | 31.4   | 30.5   | 29.6   | 28.8   | 27.9   | 26.8   | 25.2   | 23.8   |
| 92.5°  | 28.1   | 28.5   | 28.9   | 29.3   | 28.9   | 28.5   | 28.1   | 27.7   | 26.8   | 25.2   | 23.8   |
| 95°    | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 26.8   | 25.2   | 23.8   |
| 97.5°  | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   | 31.5   | 39.8   | 48.0   |
| 100°   | 30.9   | 29.8   | 28.6   | 27.5   | 28.6   | 29.8   | 30.9   | 32.1   | 54.3   | 97.7   | 140.9  |
| 102.5° | 223.8  | 204.0  | 184.2  | 164.5  | 184.2  | 204.0  | 223.8  | 243.5  | 257.5  | 265.7  | 273.9  |
| 105°   | 389.2  | 388.9  | 388.6  | 388.3  | 388.6  | 388.9  | 389.2  | 389.5  | 389.6  | 389.6  | 389.6  |
| 107.5° | 492.1  | 491.3  | 490.4  | 489.6  | 490.4  | 491.3  | 492.1  | 493.0  | 493.4  | 493.4  | 493.3  |
| 110°   | 558.8  | 559.1  | 559.4  | 559.7  | 559.4  | 559.1  | 558.8  | 558.5  | 558.8  | 559.7  | 560.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 623.6  | 623.2  | 622.8  | 622.4  | 622.8  | 623.2  | 623.6  | 624.0  | 624.8  | 625.9  | 626.9  |
| 115°   | 721.8  | 720.0  | 718.2  | 716.5  | 718.2  | 720.0  | 721.8  | 723.5  | 725.0  | 726.1  | 727.3  |
| 117.5° | 819.2  | 818.5  | 817.7  | 817.0  | 817.7  | 818.5  | 819.2  | 819.9  | 821.1  | 822.6  | 824.2  |
| 120°   | 883.0  | 881.5  | 880.1  | 878.7  | 880.1  | 881.5  | 883.0  | 884.4  | 885.4  | 886.1  | 886.7  |
| 122.5° | 942.3  | 940.6  | 938.9  | 937.3  | 938.9  | 940.6  | 942.3  | 943.9  | 945.1  | 945.6  | 946.2  |
| 125°   | 1029.1 | 1028.1 | 1027.2 | 1026.4 | 1027.2 | 1028.1 | 1029.1 | 1029.9 | 1030.9 | 1032.1 | 1033.2 |
| 127.5° | 1107.9 | 1105.8 | 1103.6 | 1101.5 | 1103.6 | 1105.8 | 1107.9 | 1110.0 | 1111.5 | 1112.1 | 1112.8 |
| 130°   | 1160.2 | 1158.7 | 1157.3 | 1155.9 | 1157.3 | 1158.7 | 1160.2 | 1161.6 | 1162.9 | 1163.7 | 1164.6 |
| 132.5° | 1210.4 | 1209.0 | 1207.5 | 1206.1 | 1207.5 | 1209.0 | 1210.4 | 1211.8 | 1212.6 | 1212.8 | 1213.0 |
| 135°   | 1280.1 | 1278.3 | 1276.6 | 1274.9 | 1276.6 | 1278.3 | 1280.1 | 1281.8 | 1282.9 | 1283.5 | 1284.1 |
| 137.5° | 1348.4 | 1346.9 | 1345.3 | 1343.8 | 1345.3 | 1346.9 | 1348.4 | 1349.9 | 1350.6 | 1350.5 | 1350.4 |
| 140°   | 1389.9 | 1388.2 | 1386.4 | 1384.6 | 1386.4 | 1388.2 | 1389.9 | 1391.6 | 1392.2 | 1391.6 | 1391.1 |
| 142.5° | 1428.6 | 1426.8 | 1425.1 | 1423.4 | 1425.1 | 1426.8 | 1428.6 | 1430.4 | 1431.2 | 1431.1 | 1430.9 |
| 145°   | 1485.3 | 1483.6 | 1481.9 | 1480.2 | 1481.9 | 1483.6 | 1485.3 | 1487.1 | 1487.8 | 1487.5 | 1487.2 |
| 147.5° | 1533.2 | 1531.1 | 1529.0 | 1526.9 | 1529.0 | 1531.1 | 1533.2 | 1535.3 | 1536.2 | 1535.8 | 1535.5 |
| 150°   | 1564.2 | 1561.9 | 1559.5 | 1557.2 | 1559.5 | 1561.9 | 1564.2 | 1566.5 | 1567.4 | 1566.8 | 1566.3 |
| 152.5° | 1591.7 | 1589.7 | 1587.6 | 1585.5 | 1587.6 | 1589.7 | 1591.7 | 1593.9 | 1594.6 | 1594.1 | 1593.5 |
| 155°   | 1629.6 | 1627.3 | 1625.0 | 1622.7 | 1625.0 | 1627.3 | 1629.6 | 1631.9 | 1632.6 | 1631.7 | 1630.9 |
| 157.5° | 1660.7 | 1658.4 | 1656.1 | 1653.8 | 1656.1 | 1658.4 | 1660.7 | 1663.0 | 1663.8 | 1662.8 | 1661.9 |
| 160°   | 1680.6 | 1678.3 | 1676.0 | 1673.6 | 1676.0 | 1678.3 | 1680.6 | 1682.9 | 1683.5 | 1682.3 | 1681.2 |
| 162.5° | 1699.1 | 1696.5 | 1693.9 | 1691.4 | 1693.9 | 1696.5 | 1699.1 | 1701.6 | 1702.1 | 1700.5 | 1698.8 |
| 165°   | 1722.4 | 1720.1 | 1717.8 | 1715.5 | 1717.8 | 1720.1 | 1722.4 | 1724.7 | 1725.1 | 1723.3 | 1721.5 |
| 167.5° | 1740.0 | 1737.5 | 1734.8 | 1732.2 | 1734.8 | 1737.5 | 1740.0 | 1742.6 | 1742.9 | 1740.8 | 1738.8 |
| 170°   | 1749.5 | 1746.9 | 1744.2 | 1741.6 | 1744.2 | 1746.9 | 1749.5 | 1752.1 | 1752.2 | 1749.9 | 1747.6 |
| 172.5° | 1755.8 | 1753.1 | 1750.5 | 1747.9 | 1750.5 | 1753.1 | 1755.8 | 1758.4 | 1758.6 | 1756.6 | 1754.4 |
| 175°   | 1763.8 | 1761.2 | 1758.6 | 1756.0 | 1758.6 | 1761.2 | 1763.8 | 1766.5 | 1766.6 | 1764.2 | 1761.9 |
| 177.5° | 1766.3 | 1764.4 | 1762.5 | 1760.7 | 1762.5 | 1764.4 | 1766.3 | 1768.2 | 1768.3 | 1766.7 | 1765.0 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



TEST NUMBER: P333448-840

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1535.5 | 1542.1 | 1550.2 | 1556.2 | 1567.1 | 1572.1 | 1578.0 | 1583.0 | 1591.6 | 1599.8 | 1609.7 |
| 5°     | 1432.1 | 1443.6 | 1459.4 | 1476.3 | 1496.1 | 1509.7 | 1528.8 | 1540.4 | 1563.6 | 1584.8 | 1605.2 |
| 7.5°   | 1338.3 | 1352.4 | 1374.6 | 1396.4 | 1422.4 | 1445.8 | 1469.7 | 1496.1 | 1525.7 | 1560.6 | 1589.5 |
| 10°    | 1273.9 | 1293.0 | 1316.9 | 1344.1 | 1375.5 | 1402.7 | 1434.8 | 1463.4 | 1499.5 | 1540.4 | 1578.6 |
| 12.5°  | 1222.6 | 1239.0 | 1265.6 | 1291.8 | 1325.3 | 1358.6 | 1391.7 | 1429.6 | 1471.8 | 1517.0 | 1565.0 |
| 15°    | 1152.0 | 1165.6 | 1187.4 | 1223.5 | 1257.6 | 1290.3 | 1340.1 | 1375.5 | 1428.7 | 1479.0 | 1537.0 |
| 17.5°  | 1091.6 | 1108.4 | 1126.8 | 1157.8 | 1193.1 | 1234.0 | 1278.4 | 1322.8 | 1374.1 | 1438.0 | 1503.4 |
| 20°    | 1054.4 | 1068.0 | 1089.2 | 1113.1 | 1150.5 | 1191.4 | 1233.8 | 1278.7 | 1341.4 | 1407.5 | 1477.7 |
| 22.5°  | 1014.1 | 1028.9 | 1052.7 | 1078.7 | 1110.2 | 1149.4 | 1196.1 | 1245.5 | 1310.9 | 1375.9 | 1452.1 |
| 25°    | 966.5  | 976.7  | 998.6  | 1021.8 | 1053.1 | 1086.5 | 1134.9 | 1189.4 | 1254.2 | 1328.5 | 1406.1 |
| 27.5°  | 921.7  | 930.7  | 950.6  | 970.8  | 999.1  | 1038.7 | 1082.0 | 1137.1 | 1198.1 | 1273.3 | 1359.6 |
| 30°    | 889.5  | 899.1  | 916.8  | 938.6  | 965.8  | 1000.6 | 1044.9 | 1096.7 | 1162.2 | 1235.8 | 1325.8 |
| 32.5°  | 861.7  | 870.1  | 883.5  | 905.3  | 932.0  | 965.7  | 1006.7 | 1059.7 | 1125.1 | 1199.7 | 1288.1 |
| 35°    | 818.6  | 828.2  | 838.4  | 855.5  | 878.6  | 911.3  | 956.3  | 1006.0 | 1068.7 | 1141.0 | 1222.1 |
| 37.5°  | 775.8  | 786.2  | 795.3  | 810.6  | 831.7  | 860.6  | 899.5  | 951.3  | 1007.9 | 1077.6 | 1155.5 |
| 40°    | 749.1  | 757.3  | 764.8  | 781.1  | 802.2  | 829.5  | 865.7  | 912.0  | 972.0  | 1036.7 | 1101.5 |
| 42.5°  | 722.4  | 730.0  | 736.4  | 750.6  | 770.1  | 796.3  | 830.7  | 876.0  | 931.6  | 992.0  | 1049.1 |
| 45°    | 680.2  | 685.0  | 692.5  | 704.8  | 720.4  | 744.3  | 777.7  | 817.9  | 864.9  | 922.2  | 965.1  |
| 47.5°  | 634.7  | 642.2  | 648.3  | 659.1  | 672.0  | 695.4  | 727.4  | 761.6  | 804.3  | 846.9  | 877.1  |
| 50°    | 599.9  | 607.3  | 616.2  | 626.4  | 638.6  | 660.5  | 689.8  | 724.6  | 760.6  | 793.3  | 819.3  |
| 52.5°  | 567.1  | 574.0  | 583.5  | 593.1  | 608.1  | 626.6  | 651.7  | 682.6  | 718.1  | 741.5  | 763.2  |
| 55°    | 518.7  | 522.1  | 533.0  | 542.6  | 556.8  | 570.5  | 595.7  | 623.0  | 644.8  | 662.6  | 680.2  |
| 57.5°  | 469.2  | 473.8  | 480.1  | 488.7  | 502.9  | 518.9  | 536.5  | 560.7  | 573.5  | 582.6  | 596.4  |
| 60°    | 437.6  | 439.0  | 443.0  | 453.2  | 464.1  | 478.5  | 499.0  | 515.9  | 525.5  | 533.0  | 544.6  |
| 62.5°  | 402.7  | 402.9  | 409.8  | 417.3  | 425.5  | 440.9  | 457.5  | 471.3  | 479.2  | 482.8  | 493.9  |
| 65°    | 353.8  | 352.3  | 356.5  | 362.6  | 372.1  | 382.3  | 396.7  | 409.0  | 408.3  | 412.3  | 419.2  |
| 67.5°  | 303.8  | 302.4  | 302.4  | 308.2  | 316.0  | 325.2  | 335.0  | 342.0  | 342.1  | 347.6  | 351.0  |
| 70°    | 269.9  | 265.8  | 268.5  | 273.4  | 276.7  | 284.3  | 295.2  | 297.9  | 298.5  | 301.2  | 304.7  |
| 72.5°  | 235.0  | 233.7  | 235.8  | 237.9  | 240.2  | 246.1  | 255.3  | 257.0  | 257.1  | 258.7  | 264.3  |
| 75°    | 186.7  | 185.4  | 184.0  | 186.1  | 188.8  | 192.9  | 196.3  | 199.0  | 198.3  | 199.0  | 203.1  |
| 77.5°  | 140.0  | 136.2  | 135.5  | 136.6  | 137.2  | 139.8  | 143.3  | 143.0  | 143.7  | 143.5  | 148.1  |
| 80°    | 111.1  | 105.6  | 104.9  | 104.9  | 105.6  | 107.0  | 108.4  | 109.8  | 107.7  | 109.8  | 111.1  |
| 82.5°  | 81.7   | 78.4   | 78.3   | 77.7   | 77.9   | 78.1   | 79.0   | 79.8   | 79.4   | 80.3   | 81.1   |
| 85°    | 44.9   | 43.6   | 41.6   | 42.9   | 42.2   | 40.2   | 41.6   | 39.5   | 38.9   | 39.5   | 40.2   |
| 87.5°  | 19.7   | 20.0   | 18.5   | 18.1   | 17.2   | 17.3   | 15.8   | 14.7   | 13.7   | 13.8   | 14.9   |
| 90°    | 22.4   | 20.9   | 18.9   | 16.9   | 14.8   | 12.8   | 10.6   | 8.3    | 6.0    | 3.6    | 1.3    |
| 92.5°  | 22.4   | 20.9   | 19.1   | 17.3   | 15.6   | 13.7   | 13.6   | 15.2   | 16.9   | 18.5   | 20.1   |
| 95°    | 22.4   | 20.9   | 31.9   | 43.0   | 54.0   | 65.0   | 71.0   | 71.9   | 72.8   | 73.6   | 74.5   |
| 97.5°  | 56.1   | 64.3   | 86.1   | 108.1  | 129.9  | 151.7  | 161.9  | 160.3  | 158.8  | 157.1  | 155.6  |
| 100°   | 184.2  | 227.5  | 226.3  | 225.2  | 224.0  | 222.9  | 221.9  | 221.0  | 220.0  | 219.2  | 218.3  |
| 102.5° | 282.1  | 290.2  | 289.5  | 288.9  | 288.2  | 287.5  | 286.6  | 285.5  | 284.4  | 283.3  | 282.2  |
| 105°   | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.1  | 387.9  | 386.8  | 385.6  | 384.5  |
| 107.5° | 493.2  | 493.2  | 492.6  | 492.0  | 491.5  | 490.9  | 490.6  | 490.6  | 490.6  | 490.6  | 490.6  |
| 110°   | 561.4  | 562.2  | 561.7  | 561.1  | 560.5  | 559.9  | 559.7  | 559.7  | 559.7  | 559.7  | 559.7  |



TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 628.0  | 629.1  | 628.8  | 628.4  | 628.1  | 627.8  | 627.2  | 626.5  | 625.9  | 625.2  | 624.5  |
| 115°   | 728.4  | 729.6  | 729.3  | 729.0  | 728.7  | 728.4  | 727.6  | 726.1  | 724.7  | 723.2  | 721.8  |
| 117.5° | 825.7  | 827.2  | 826.1  | 825.0  | 823.8  | 822.7  | 822.2  | 822.2  | 822.3  | 822.3  | 822.4  |
| 120°   | 887.3  | 887.8  | 887.0  | 886.1  | 885.1  | 884.3  | 884.0  | 884.3  | 884.6  | 884.9  | 885.1  |
| 122.5° | 946.8  | 947.5  | 947.1  | 946.6  | 946.2  | 945.8  | 945.0  | 943.9  | 942.8  | 941.7  | 940.6  |
| 125°   | 1034.4 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1034.5 | 1032.5 | 1030.5 | 1028.4 | 1026.4 |
| 127.5° | 1113.4 | 1114.0 | 1114.2 | 1114.4 | 1114.5 | 1114.7 | 1114.1 | 1112.6 | 1111.2 | 1109.7 | 1108.2 |
| 130°   | 1165.5 | 1166.3 | 1166.0 | 1165.7 | 1165.5 | 1165.2 | 1164.3 | 1162.9 | 1161.3 | 1159.9 | 1158.4 |
| 132.5° | 1213.3 | 1213.4 | 1214.1 | 1214.7 | 1215.3 | 1216.0 | 1215.4 | 1213.8 | 1212.0 | 1210.3 | 1208.7 |
| 135°   | 1284.8 | 1285.3 | 1285.9 | 1286.5 | 1287.1 | 1287.6 | 1287.1 | 1285.3 | 1283.5 | 1281.8 | 1280.1 |
| 137.5° | 1350.3 | 1350.2 | 1350.7 | 1351.2 | 1351.7 | 1352.2 | 1351.7 | 1350.2 | 1348.7 | 1347.2 | 1345.7 |
| 140°   | 1390.5 | 1389.9 | 1390.2 | 1390.5 | 1390.8 | 1391.1 | 1390.9 | 1390.3 | 1389.8 | 1389.2 | 1388.6 |
| 142.5° | 1430.8 | 1430.7 | 1430.3 | 1429.9 | 1429.5 | 1429.1 | 1428.7 | 1428.4 | 1427.9 | 1427.6 | 1427.2 |
| 145°   | 1486.9 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.3 | 1485.8 | 1485.2 | 1484.6 | 1484.0 |
| 147.5° | 1535.1 | 1534.8 | 1534.4 | 1534.1 | 1533.7 | 1533.4 | 1533.3 | 1533.4 | 1533.5 | 1533.6 | 1533.7 |
| 150°   | 1565.7 | 1565.1 | 1564.5 | 1564.0 | 1563.4 | 1562.8 | 1562.8 | 1563.4 | 1564.0 | 1564.5 | 1565.1 |
| 152.5° | 1592.9 | 1592.3 | 1591.7 | 1591.1 | 1590.5 | 1589.9 | 1590.3 | 1591.6 | 1592.9 | 1594.2 | 1595.4 |
| 155°   | 1630.0 | 1629.2 | 1628.6 | 1628.0 | 1627.4 | 1626.9 | 1627.4 | 1629.2 | 1630.9 | 1632.6 | 1634.4 |
| 157.5° | 1660.9 | 1660.0 | 1660.0 | 1659.9 | 1659.8 | 1659.8 | 1660.3 | 1661.3 | 1662.3 | 1663.4 | 1664.5 |
| 160°   | 1680.0 | 1678.9 | 1678.6 | 1678.3 | 1678.0 | 1677.7 | 1678.4 | 1680.1 | 1681.9 | 1683.6 | 1685.4 |
| 162.5° | 1697.2 | 1695.6 | 1695.3 | 1695.1 | 1694.8 | 1694.5 | 1695.2 | 1696.9 | 1698.6 | 1700.4 | 1702.1 |
| 165°   | 1719.8 | 1718.1 | 1717.8 | 1717.5 | 1717.2 | 1716.9 | 1717.7 | 1719.4 | 1721.1 | 1722.8 | 1724.6 |
| 167.5° | 1736.7 | 1734.5 | 1734.2 | 1733.9 | 1733.6 | 1733.4 | 1734.1 | 1736.0 | 1737.8 | 1739.6 | 1741.3 |
| 170°   | 1745.2 | 1742.9 | 1742.6 | 1742.3 | 1742.0 | 1741.7 | 1742.6 | 1744.6 | 1746.7 | 1748.8 | 1750.8 |
| 172.5° | 1752.3 | 1750.2 | 1749.7 | 1749.2 | 1748.7 | 1748.2 | 1748.9 | 1750.9 | 1753.0 | 1755.0 | 1757.1 |
| 175°   | 1759.6 | 1757.3 | 1757.1 | 1756.8 | 1756.5 | 1756.2 | 1756.9 | 1758.6 | 1760.4 | 1762.1 | 1763.8 |
| 177.5° | 1763.4 | 1761.7 | 1761.5 | 1761.3 | 1761.1 | 1760.8 | 1761.4 | 1762.8 | 1764.2 | 1765.5 | 1767.0 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1614.6 | 1622.2 | 1627.1 | 1636.4 | 1644.1 | 1648.4 | 1652.2 | 1655.5 | 1659.3 | 1662.5 | 1671.8 |
| 5°     | 1625.0 | 1642.6 | 1657.7 | 1680.8 | 1702.0 | 1718.4 | 1736.1 | 1751.7 | 1764.6 | 1783.1 | 1797.4 |
| 7.5°   | 1620.4 | 1651.9 | 1685.0 | 1720.8 | 1757.5 | 1791.5 | 1822.9 | 1852.2 | 1878.8 | 1911.0 | 1939.1 |
| 10°    | 1616.1 | 1659.0 | 1701.3 | 1749.7 | 1799.5 | 1841.7 | 1881.3 | 1921.5 | 1950.8 | 1991.7 | 2026.4 |
| 12.5°  | 1612.9 | 1663.3 | 1714.3 | 1772.6 | 1827.2 | 1886.9 | 1939.5 | 1968.9 | 2013.5 | 2046.2 | 2087.5 |
| 15°    | 1599.0 | 1665.9 | 1736.1 | 1801.5 | 1879.2 | 1934.4 | 1980.7 | 2038.0 | 2079.6 | 2121.1 | 2166.2 |
| 17.5°  | 1574.4 | 1650.0 | 1728.6 | 1814.3 | 1888.9 | 1948.1 | 2007.9 | 2063.1 | 2112.7 | 2168.5 | 2224.5 |
| 20°    | 1563.0 | 1638.6 | 1728.6 | 1816.4 | 1889.5 | 1951.5 | 2012.8 | 2073.5 | 2128.0 | 2199.6 | 2264.3 |
| 22.5°  | 1538.9 | 1630.4 | 1713.3 | 1799.1 | 1874.1 | 1941.7 | 2011.1 | 2080.0 | 2152.5 | 2233.3 | 2314.5 |
| 25°    | 1496.1 | 1588.8 | 1676.8 | 1761.3 | 1836.9 | 1921.5 | 1995.8 | 2087.8 | 2180.5 | 2287.4 | 2388.3 |
| 27.5°  | 1451.7 | 1540.4 | 1621.0 | 1702.6 | 1790.9 | 1886.5 | 1983.0 | 2087.4 | 2208.7 | 2343.8 | 2486.1 |
| 30°    | 1415.7 | 1499.5 | 1577.9 | 1661.7 | 1753.7 | 1861.5 | 1967.1 | 2091.1 | 2231.6 | 2383.6 | 2552.6 |
| 32.5°  | 1373.7 | 1451.0 | 1527.2 | 1616.0 | 1716.2 | 1829.9 | 1953.0 | 2089.0 | 2257.8 | 2430.4 | 2604.4 |
| 35°    | 1301.9 | 1366.7 | 1445.0 | 1539.7 | 1652.9 | 1783.1 | 1925.5 | 2086.4 | 2280.0 | 2478.3 | 2624.8 |
| 37.5°  | 1216.7 | 1277.0 | 1359.6 | 1463.4 | 1582.1 | 1721.7 | 1890.8 | 2081.6 | 2287.2 | 2445.4 | 2492.6 |
| 40°    | 1159.4 | 1215.3 | 1301.2 | 1408.9 | 1530.2 | 1678.1 | 1863.5 | 2065.3 | 2264.3 | 2365.2 | 2326.3 |
| 42.5°  | 1098.3 | 1157.0 | 1240.6 | 1347.3 | 1477.8 | 1638.9 | 1829.2 | 2030.9 | 2197.8 | 2235.9 | 2101.6 |
| 45°    | 1002.0 | 1062.6 | 1145.1 | 1252.8 | 1393.2 | 1567.7 | 1766.1 | 1949.4 | 2045.5 | 1976.7 | 1768.8 |
| 47.5°  | 912.4  | 969.3  | 1045.7 | 1156.8 | 1301.7 | 1482.2 | 1673.2 | 1819.5 | 1827.1 | 1662.8 | 1440.8 |
| 50°    | 851.3  | 903.8  | 980.9  | 1092.0 | 1235.8 | 1418.5 | 1590.8 | 1706.1 | 1654.3 | 1468.1 | 1254.9 |
| 52.5°  | 791.3  | 842.7  | 918.7  | 1028.6 | 1170.8 | 1338.3 | 1498.7 | 1579.5 | 1482.0 | 1291.0 | 1108.7 |
| 55°    | 704.8  | 749.7  | 824.0  | 925.6  | 1060.6 | 1216.0 | 1352.3 | 1380.3 | 1253.4 | 1065.3 | 917.5  |
| 57.5°  | 620.3  | 662.3  | 729.8  | 823.3  | 946.7  | 1084.4 | 1191.0 | 1185.1 | 1051.1 | 889.6  | 772.2  |
| 60°    | 563.0  | 603.9  | 663.9  | 755.2  | 867.7  | 986.3  | 1077.6 | 1055.8 | 922.9  | 783.9  | 685.0  |
| 62.5°  | 511.8  | 548.3  | 605.0  | 684.9  | 787.5  | 897.4  | 972.4  | 940.2  | 810.0  | 688.4  | 610.4  |
| 65°    | 436.3  | 466.9  | 515.3  | 583.5  | 668.6  | 759.3  | 817.3  | 775.7  | 664.6  | 569.9  | 507.2  |
| 67.5°  | 364.2  | 388.7  | 429.3  | 483.6  | 556.3  | 629.1  | 664.4  | 622.6  | 533.7  | 464.5  | 418.1  |
| 70°    | 318.3  | 340.1  | 371.4  | 419.9  | 483.2  | 544.6  | 571.2  | 533.7  | 457.4  | 398.1  | 364.7  |
| 72.5°  | 272.5  | 290.5  | 318.0  | 361.5  | 412.3  | 465.5  | 488.9  | 453.0  | 390.3  | 340.2  | 309.0  |
| 75°    | 210.7  | 222.9  | 242.0  | 272.0  | 312.1  | 354.5  | 367.4  | 336.1  | 295.8  | 258.3  | 237.9  |
| 77.5°  | 150.8  | 161.2  | 175.6  | 194.5  | 223.0  | 249.8  | 261.2  | 243.1  | 212.0  | 188.2  | 171.5  |
| 80°    | 115.8  | 121.3  | 133.6  | 149.3  | 171.8  | 188.8  | 196.3  | 184.7  | 162.9  | 145.2  | 132.2  |
| 82.5°  | 82.6   | 88.1   | 95.4   | 108.4  | 122.7  | 134.3  | 142.3  | 134.5  | 118.8  | 104.8  | 97.4   |
| 85°    | 40.2   | 43.6   | 47.7   | 53.1   | 64.0   | 70.9   | 70.2   | 65.4   | 59.3   | 53.8   | 49.8   |
| 87.5°  | 14.9   | 16.0   | 18.0   | 21.2   | 23.3   | 25.9   | 27.4   | 26.7   | 24.9   | 23.5   | 22.2   |
| 90°    | 3.6    | 6.0    | 8.3    | 10.6   | 12.8   | 14.8   | 16.9   | 18.9   | 20.9   | 22.4   | 23.8   |
| 92.5°  | 18.5   | 16.9   | 15.2   | 13.6   | 13.7   | 15.6   | 17.3   | 19.1   | 20.9   | 22.4   | 23.8   |
| 95°    | 73.6   | 72.8   | 71.9   | 71.0   | 65.0   | 54.0   | 43.0   | 31.9   | 20.9   | 22.4   | 23.8   |
| 97.5°  | 157.1  | 158.8  | 160.3  | 161.9  | 151.7  | 129.9  | 108.1  | 86.1   | 64.3   | 56.1   | 48.0   |
| 100°   | 219.2  | 220.0  | 221.0  | 221.9  | 222.9  | 224.0  | 225.2  | 226.3  | 227.5  | 184.2  | 140.9  |
| 102.5° | 283.3  | 284.4  | 285.5  | 286.6  | 287.5  | 288.2  | 288.9  | 289.5  | 290.2  | 282.1  | 273.9  |
| 105°   | 385.6  | 386.8  | 387.9  | 389.1  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  | 389.6  |
| 107.5° | 490.6  | 490.6  | 490.6  | 490.6  | 490.9  | 491.5  | 492.0  | 492.6  | 493.2  | 493.2  | 493.3  |
| 110°   | 559.7  | 559.7  | 559.7  | 559.7  | 559.9  | 560.5  | 561.1  | 561.7  | 562.2  | 561.4  | 560.5  |





TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 625.2  | 625.9  | 626.5  | 627.2  | 627.8  | 628.1  | 628.4  | 628.8  | 629.1  | 628.0  | 626.9  |
| 115°   | 723.2  | 724.7  | 726.1  | 727.6  | 728.4  | 728.7  | 729.0  | 729.3  | 729.6  | 728.4  | 727.3  |
| 117.5° | 822.3  | 822.3  | 822.2  | 822.2  | 822.7  | 823.8  | 825.0  | 826.1  | 827.2  | 825.7  | 824.2  |
| 120°   | 884.9  | 884.6  | 884.3  | 884.0  | 884.3  | 885.1  | 886.1  | 887.0  | 887.8  | 887.3  | 886.7  |
| 122.5° | 941.7  | 942.8  | 943.9  | 945.0  | 945.8  | 946.2  | 946.6  | 947.1  | 947.5  | 946.8  | 946.2  |
| 125°   | 1028.4 | 1030.5 | 1032.5 | 1034.5 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1035.5 | 1034.4 | 1033.2 |
| 127.5° | 1109.7 | 1111.2 | 1112.6 | 1114.1 | 1114.7 | 1114.5 | 1114.4 | 1114.2 | 1114.0 | 1113.4 | 1112.8 |
| 130°   | 1159.9 | 1161.3 | 1162.9 | 1164.3 | 1165.2 | 1165.5 | 1165.7 | 1166.0 | 1166.3 | 1165.5 | 1164.6 |
| 132.5° | 1210.3 | 1212.0 | 1213.8 | 1215.4 | 1216.0 | 1215.3 | 1214.7 | 1214.1 | 1213.4 | 1213.3 | 1213.0 |
| 135°   | 1281.8 | 1283.5 | 1285.3 | 1287.1 | 1287.6 | 1287.1 | 1286.5 | 1285.9 | 1285.3 | 1284.8 | 1284.1 |
| 137.5° | 1347.2 | 1348.7 | 1350.2 | 1351.7 | 1352.2 | 1351.7 | 1351.2 | 1350.7 | 1350.2 | 1350.3 | 1350.4 |
| 140°   | 1389.2 | 1389.8 | 1390.3 | 1390.9 | 1391.1 | 1390.8 | 1390.5 | 1390.2 | 1389.9 | 1390.5 | 1391.1 |
| 142.5° | 1427.6 | 1427.9 | 1428.4 | 1428.7 | 1429.1 | 1429.5 | 1429.9 | 1430.3 | 1430.7 | 1430.8 | 1430.9 |
| 145°   | 1484.6 | 1485.2 | 1485.8 | 1486.3 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.6 | 1486.9 | 1487.2 |
| 147.5° | 1533.6 | 1533.5 | 1533.4 | 1533.3 | 1533.4 | 1533.7 | 1534.1 | 1534.4 | 1534.8 | 1535.1 | 1535.5 |
| 150°   | 1564.5 | 1564.0 | 1563.4 | 1562.8 | 1562.8 | 1563.4 | 1564.0 | 1564.5 | 1565.1 | 1565.7 | 1566.3 |
| 152.5° | 1594.2 | 1592.9 | 1591.6 | 1590.3 | 1589.9 | 1590.5 | 1591.1 | 1591.7 | 1592.3 | 1592.9 | 1593.5 |
| 155°   | 1632.6 | 1630.9 | 1629.2 | 1627.4 | 1626.9 | 1627.4 | 1628.0 | 1628.6 | 1629.2 | 1630.0 | 1630.9 |
| 157.5° | 1663.4 | 1662.3 | 1661.3 | 1660.3 | 1659.8 | 1659.8 | 1659.9 | 1660.0 | 1660.0 | 1660.9 | 1661.9 |
| 160°   | 1683.6 | 1681.9 | 1680.1 | 1678.4 | 1677.7 | 1678.0 | 1678.3 | 1678.6 | 1678.9 | 1680.0 | 1681.2 |
| 162.5° | 1700.4 | 1698.6 | 1696.9 | 1695.2 | 1694.5 | 1694.8 | 1695.1 | 1695.3 | 1695.6 | 1697.2 | 1698.8 |
| 165°   | 1722.8 | 1721.1 | 1719.4 | 1717.7 | 1716.9 | 1717.2 | 1717.5 | 1717.8 | 1718.1 | 1719.8 | 1721.5 |
| 167.5° | 1739.6 | 1737.8 | 1736.0 | 1734.1 | 1733.4 | 1733.6 | 1733.9 | 1734.2 | 1734.5 | 1736.7 | 1738.8 |
| 170°   | 1748.8 | 1746.7 | 1744.6 | 1742.6 | 1741.7 | 1742.0 | 1742.3 | 1742.6 | 1742.9 | 1745.2 | 1747.6 |
| 172.5° | 1755.0 | 1753.0 | 1750.9 | 1748.9 | 1748.2 | 1748.7 | 1749.2 | 1749.7 | 1750.2 | 1752.3 | 1754.4 |
| 175°   | 1762.1 | 1760.4 | 1758.6 | 1756.9 | 1756.2 | 1756.5 | 1756.8 | 1757.1 | 1757.3 | 1759.6 | 1761.9 |
| 177.5° | 1765.5 | 1764.2 | 1762.8 | 1761.4 | 1760.8 | 1761.1 | 1761.3 | 1761.5 | 1761.7 | 1763.4 | 1765.0 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |



TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5°   | 1679.5 | 1683.8 | 1693.1 | 1689.8 | 1694.3 | 1696.4 | 1698.6 |
| 5°     | 1815.1 | 1836.9 | 1846.4 | 1845.1 | 1859.5 | 1856.0 | 1852.6 |
| 7.5°   | 1968.3 | 1991.3 | 2004.1 | 2020.0 | 2029.3 | 2029.9 | 2038.0 |
| 10°    | 2055.1 | 2085.1 | 2097.3 | 2114.4 | 2125.3 | 2131.4 | 2130.7 |
| 12.5°  | 2121.6 | 2145.1 | 2172.5 | 2180.9 | 2195.6 | 2203.3 | 2200.5 |
| 15°    | 2201.6 | 2239.1 | 2267.8 | 2282.0 | 2300.5 | 2305.9 | 2313.4 |
| 17.5°  | 2273.0 | 2323.3 | 2356.7 | 2401.2 | 2417.9 | 2428.1 | 2422.2 |
| 20°    | 2327.0 | 2393.2 | 2426.5 | 2479.7 | 2509.0 | 2524.7 | 2519.2 |
| 22.5°  | 2390.9 | 2462.4 | 2524.2 | 2570.2 | 2614.7 | 2635.9 | 2640.3 |
| 25°    | 2500.1 | 2598.3 | 2689.0 | 2749.7 | 2804.8 | 2817.7 | 2846.4 |
| 27.5°  | 2622.3 | 2738.0 | 2835.0 | 2898.7 | 2937.2 | 2951.6 | 2960.6 |
| 30°    | 2699.2 | 2814.4 | 2887.3 | 2928.2 | 2940.4 | 2939.1 | 2937.7 |
| 32.5°  | 2736.8 | 2808.9 | 2823.0 | 2811.5 | 2783.4 | 2759.7 | 2734.9 |
| 35°    | 2683.5 | 2629.7 | 2549.2 | 2445.6 | 2369.2 | 2292.3 | 2284.7 |
| 37.5°  | 2413.5 | 2241.3 | 2107.4 | 1957.8 | 1871.6 | 1818.3 | 1781.5 |
| 40°    | 2159.3 | 1963.7 | 1801.5 | 1675.4 | 1587.5 | 1552.7 | 1518.6 |
| 42.5°  | 1883.4 | 1696.6 | 1552.9 | 1447.4 | 1381.4 | 1342.8 | 1315.8 |
| 45°    | 1530.2 | 1365.2 | 1252.8 | 1176.5 | 1124.0 | 1094.0 | 1076.9 |
| 47.5°  | 1253.8 | 1131.9 | 1036.3 | 981.3  | 945.0  | 921.7  | 921.8  |
| 50°    | 1105.6 | 989.1  | 925.6  | 882.0  | 850.6  | 832.2  | 835.7  |
| 52.5°  | 974.1  | 887.1  | 832.9  | 796.4  | 773.3  | 761.9  | 761.5  |
| 55°    | 814.6  | 751.8  | 716.4  | 689.8  | 674.1  | 661.2  | 663.9  |
| 57.5°  | 696.7  | 643.9  | 620.2  | 598.0  | 587.1  | 582.0  | 574.4  |
| 60°    | 623.7  | 582.8  | 562.3  | 544.6  | 533.7  | 529.6  | 522.1  |
| 62.5°  | 558.8  | 526.6  | 506.8  | 492.2  | 482.4  | 481.1  | 475.2  |
| 65°    | 469.6  | 445.0  | 427.4  | 420.5  | 410.3  | 407.6  | 407.6  |
| 67.5°  | 387.2  | 369.6  | 355.8  | 349.5  | 345.1  | 345.7  | 342.4  |
| 70°    | 335.4  | 321.0  | 312.1  | 305.4  | 301.9  | 302.7  | 299.9  |
| 72.5°  | 293.4  | 277.4  | 269.6  | 265.6  | 261.1  | 262.9  | 261.8  |
| 75°    | 222.2  | 214.0  | 210.0  | 205.8  | 203.1  | 201.8  | 200.4  |
| 77.5°  | 163.2  | 155.9  | 152.8  | 150.5  | 150.9  | 147.6  | 150.3  |
| 80°    | 126.1  | 120.0  | 118.0  | 114.5  | 113.8  | 113.8  | 113.1  |
| 82.5°  | 92.3   | 88.9   | 87.4   | 84.5   | 83.3   | 84.4   | 82.6   |
| 85°    | 47.7   | 44.9   | 44.3   | 44.3   | 42.9   | 41.6   | 44.9   |
| 87.5°  | 22.5   | 20.6   | 20.8   | 20.5   | 20.6   | 20.3   | 19.4   |
| 90°    | 25.2   | 26.8   | 27.9   | 28.8   | 29.6   | 30.5   | 31.4   |
| 92.5°  | 25.2   | 26.8   | 27.7   | 28.1   | 28.5   | 28.9   | 29.3   |
| 95°    | 25.2   | 26.8   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   |
| 97.5°  | 39.8   | 31.5   | 27.5   | 27.5   | 27.5   | 27.5   | 27.5   |
| 100°   | 97.7   | 54.3   | 32.1   | 30.9   | 29.8   | 28.6   | 27.5   |
| 102.5° | 265.7  | 257.5  | 243.5  | 223.8  | 204.0  | 184.2  | 164.5  |
| 105°   | 389.6  | 389.6  | 389.5  | 389.2  | 388.9  | 388.6  | 388.3  |
| 107.5° | 493.4  | 493.4  | 493.0  | 492.1  | 491.3  | 490.4  | 489.6  |
| 110°   | 559.7  | 558.8  | 558.5  | 558.8  | 559.1  | 559.4  | 559.7  |



TEST NUMBER: P333448-840

CATALOG NUMBER: S125DIW-S1090D1340U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 625.9  | 624.8  | 624.0  | 623.6  | 623.2  | 622.8  | 622.4  |
| 115°   | 726.1  | 725.0  | 723.5  | 721.8  | 720.0  | 718.2  | 716.5  |
| 117.5° | 822.6  | 821.1  | 819.9  | 819.2  | 818.5  | 817.7  | 817.0  |
| 120°   | 886.1  | 885.4  | 884.4  | 883.0  | 881.5  | 880.1  | 878.7  |
| 122.5° | 945.6  | 945.1  | 943.9  | 942.3  | 940.6  | 938.9  | 937.3  |
| 125°   | 1032.1 | 1030.9 | 1029.9 | 1029.1 | 1028.1 | 1027.2 | 1026.4 |
| 127.5° | 1112.1 | 1111.5 | 1110.0 | 1107.9 | 1105.8 | 1103.6 | 1101.5 |
| 130°   | 1163.7 | 1162.9 | 1161.6 | 1160.2 | 1158.7 | 1157.3 | 1155.9 |
| 132.5° | 1212.8 | 1212.6 | 1211.8 | 1210.4 | 1209.0 | 1207.5 | 1206.1 |
| 135°   | 1283.5 | 1282.9 | 1281.8 | 1280.1 | 1278.3 | 1276.6 | 1274.9 |
| 137.5° | 1350.5 | 1350.6 | 1349.9 | 1348.4 | 1346.9 | 1345.3 | 1343.8 |
| 140°   | 1391.6 | 1392.2 | 1391.6 | 1389.9 | 1388.2 | 1386.4 | 1384.6 |
| 142.5° | 1431.1 | 1431.2 | 1430.4 | 1428.6 | 1426.8 | 1425.1 | 1423.4 |
| 145°   | 1487.5 | 1487.8 | 1487.1 | 1485.3 | 1483.6 | 1481.9 | 1480.2 |
| 147.5° | 1535.8 | 1536.2 | 1535.3 | 1533.2 | 1531.1 | 1529.0 | 1526.9 |
| 150°   | 1566.8 | 1567.4 | 1566.5 | 1564.2 | 1561.9 | 1559.5 | 1557.2 |
| 152.5° | 1594.1 | 1594.6 | 1593.9 | 1591.7 | 1589.7 | 1587.6 | 1585.5 |
| 155°   | 1631.7 | 1632.6 | 1631.9 | 1629.6 | 1627.3 | 1625.0 | 1622.7 |
| 157.5° | 1662.8 | 1663.8 | 1663.0 | 1660.7 | 1658.4 | 1656.1 | 1653.8 |
| 160°   | 1682.3 | 1683.5 | 1682.9 | 1680.6 | 1678.3 | 1676.0 | 1673.6 |
| 162.5° | 1700.5 | 1702.1 | 1701.6 | 1699.1 | 1696.5 | 1693.9 | 1691.4 |
| 165°   | 1723.3 | 1725.1 | 1724.7 | 1722.4 | 1720.1 | 1717.8 | 1715.5 |
| 167.5° | 1740.8 | 1742.9 | 1742.6 | 1740.0 | 1737.5 | 1734.8 | 1732.2 |
| 170°   | 1749.9 | 1752.2 | 1752.1 | 1749.5 | 1746.9 | 1744.2 | 1741.6 |
| 172.5° | 1756.6 | 1758.6 | 1758.4 | 1755.8 | 1753.1 | 1750.5 | 1747.9 |
| 175°   | 1764.2 | 1766.6 | 1766.5 | 1763.8 | 1761.2 | 1758.6 | 1756.0 |
| 177.5° | 1766.7 | 1768.3 | 1768.2 | 1766.3 | 1764.4 | 1762.5 | 1760.7 |
| 180°   | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 | 1763.8 |

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