

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: P332384

Luminaire Tested: **S123RDIP-S1165D1195U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332384  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S1165D1195U835-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1165 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1195 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

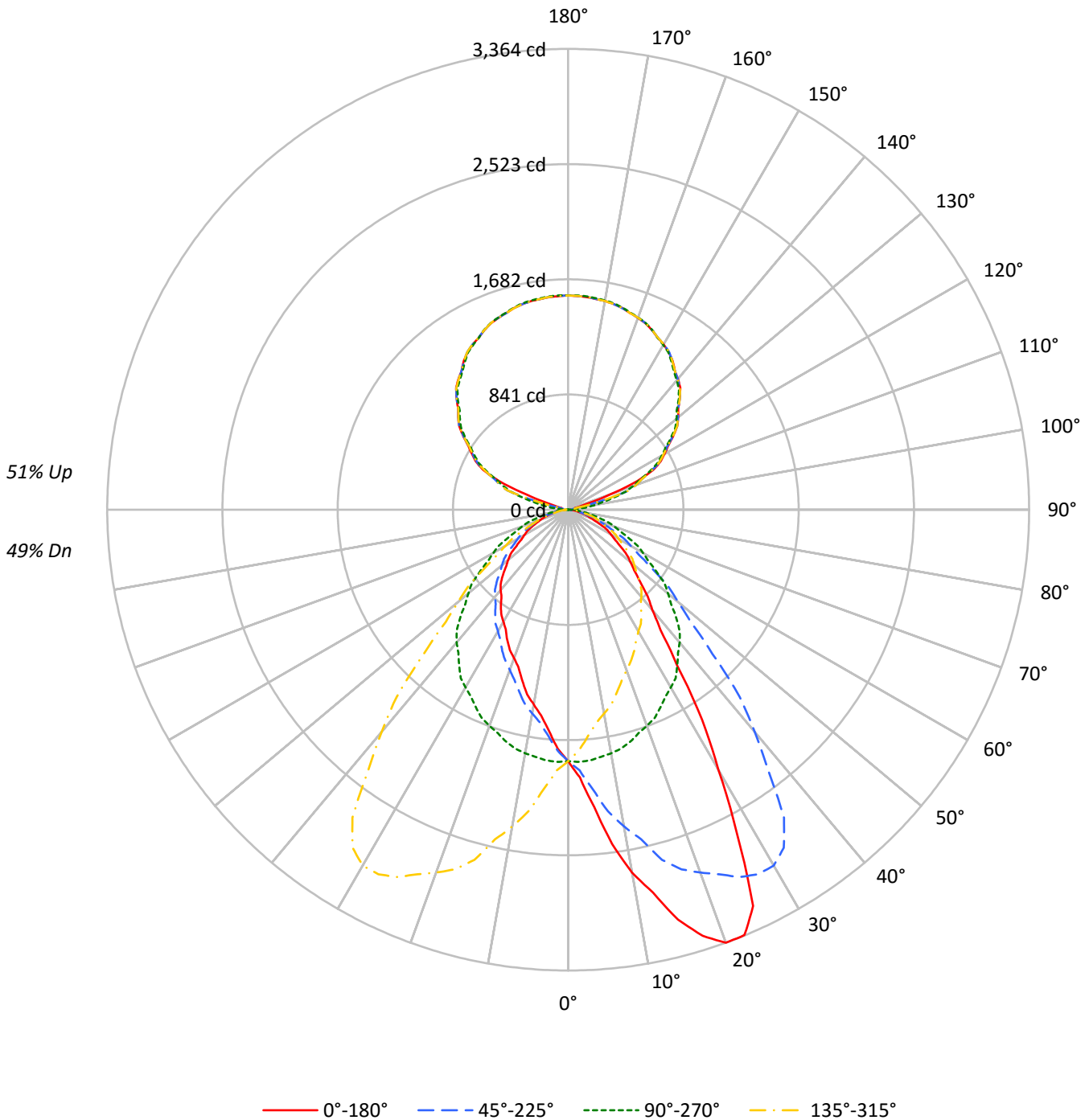
Lumens per Lamp: N/A  
Luminaire Lumens: 9344.6 lumens  
Efficiency: N/A  
Efficacy: 130.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 71.7  
Input Voltage (V): 120  
Input Current (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



TEST NUMBER: P332384

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### Luminous Intensity Polar Plot





TEST NUMBER: P332384

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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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 83 | 83 | 83 | 68 | 68 | 68 | 55 | 55 | 55 | 49 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 61 | 59 | 58 | 50 | 49 | 48 | 42 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 65 | 61 | 58 | 54 | 52 | 49 | 44 | 43 | 41 | 36 |
| 3   | 82  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 42 | 40 | 38 | 36 | 32 |
| 4   | 76  | 65  | 58  | 52  | 69 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5   | 70  | 58  | 50  | 45  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 27 | 24 |
| 6   | 64  | 53  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 28 | 30 | 27 | 24 | 22 |
| 7   | 59  | 48  | 40  | 34  | 55 | 44 | 37 | 33 | 38 | 33 | 29 | 33 | 28 | 25 | 27 | 24 | 22 | 19 |
| 8   | 55  | 43  | 36  | 31  | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9   | 51  | 40  | 32  | 27  | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 23 | 20 | 18 | 16 |
| 10  | 48  | 36  | 29  | 25  | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 19763 | 19763 | 19763 | 19763 |
| 5°  | 23558 | 19847 | 17477 | 19847 |
| 10° | 29415 | 19733 | 15789 | 19733 |
| 15° | 34526 | 19531 | 14399 | 19531 |
| 20° | 38533 | 19230 | 13216 | 19230 |
| 25° | 37917 | 18912 | 12490 | 18912 |
| 30° | 27256 | 18620 | 11742 | 18620 |
| 35° | 18198 | 18239 | 11257 | 18239 |
| 40° | 13408 | 17781 | 10756 | 17781 |
| 45° | 11246 | 16978 | 10266 | 16978 |
| 50° | 9923  | 15925 | 9582  | 15925 |
| 55° | 8702  | 14720 | 8644  | 14720 |
| 60° | 7750  | 13569 | 7918  | 13569 |
| 65° | 6805  | 12332 | 7366  | 12332 |
| 70° | 5344  | 11229 | 6729  | 11229 |
| 75° | 4708  | 9807  | 6147  | 9807  |
| 80° | 4091  | 8331  | 6044  | 8331  |
| 85° | 3298  | 6694  | 6410  | 6694  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 180.6  | 1.9       |
| 10°-20°   | 564.1  | 6.0       |
| 20°-30°   | 886.2  | 9.5       |
| 30°-40°   | 924.6  | 9.9       |
| 40°-50°   | 791.2  | 8.5       |
| 50°-60°   | 603.1  | 6.5       |
| 60°-70°   | 386.5  | 4.1       |
| 70°-80°   | 186.0  | 2.0       |
| 80°-90°   | 53.6   | 0.6       |
| 90°-100°  | 56.9   | 0.6       |
| 100°-110° | 271.0  | 2.9       |
| 110°-120° | 650.9  | 7.0       |
| 120°-130° | 828.8  | 8.9       |
| 130°-140° | 885.6  | 9.5       |
| 140°-150° | 828.1  | 8.9       |
| 150°-160° | 668.0  | 7.1       |
| 160°-170° | 431.1  | 4.6       |
| 170°-180° | 148.6  | 1.6       |
| 0°-30°    | 1630.8 | 17.5      |
| 0°-40°    | 2555.4 | 27.3      |
| 0°-60°    | 3949.7 | 42.3      |
| 0°-90°    | 4575.8 | 49.0      |
| 90°-120°  | 978.7  | 10.5      |
| 90°-150°  | 3521.2 | 37.7      |
| 90°-180°  | 4769.0 | 51.0      |
| 0°-180°   | 9344.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1836 | 1836 | 1836 | 1836 | 1836 |      |
| 5°   | 2180 | 1837 | 1618 | 1837 | 2180 | 225  |
| 15°  | 3098 | 1753 | 1292 | 1753 | 3098 | 879  |
| 25°  | 3193 | 1592 | 1052 | 1592 | 3193 | 1372 |
| 35°  | 1385 | 1388 | 857  | 1388 | 1385 | 908  |
| 45°  | 739  | 1115 | 674  | 1115 | 739  | 581  |
| 55°  | 464  | 784  | 461  | 784  | 464  | 419  |
| 65°  | 267  | 484  | 289  | 484  | 267  | 263  |
| 75°  | 113  | 236  | 148  | 236  | 113  | 121  |
| 85°  | 27   | 54   | 52   | 54   | 27   | 32   |
| 90°  | 35   | 1    | 35   | 1    | 35   | 17   |
| 95°  | 44   | 71   | 44   | 71   | 44   | 37   |
| 105° | 51   | 346  | 51   | 346  | 51   | 117  |
| 115° | 683  | 650  | 683  | 650  | 683  | 631  |
| 125° | 934  | 916  | 934  | 916  | 934  | 834  |
| 135° | 1151 | 1140 | 1151 | 1140 | 1151 | 888  |
| 145° | 1328 | 1315 | 1328 | 1315 | 1328 | 829  |
| 155° | 1446 | 1449 | 1446 | 1449 | 1446 | 667  |
| 165° | 1524 | 1528 | 1524 | 1528 | 1524 | 430  |
| 175° | 1558 | 1564 | 1558 | 1564 | 1558 | 148  |
| 180° | 1564 | 1564 | 1564 | 1564 | 1564 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1955.5 | 1958.0 | 1949.8 | 1948.6 | 1939.1 | 1936.6 | 1936.6 | 1923.4 | 1915.2 | 1904.6 | 1898.3 |
| 5°     | 2180.3 | 2192.9 | 2186.6 | 2172.4 | 2148.8 | 2143.3 | 2128.4 | 2104.8 | 2078.1 | 2045.1 | 2029.4 |
| 7.5°   | 2461.0 | 2478.2 | 2471.6 | 2449.7 | 2425.0 | 2405.1 | 2362.9 | 2323.8 | 2268.9 | 2220.8 | 2179.6 |
| 10°    | 2691.2 | 2673.1 | 2658.9 | 2637.7 | 2614.9 | 2578.0 | 2534.0 | 2473.4 | 2403.5 | 2348.5 | 2287.2 |
| 12.5°  | 2863.4 | 2860.5 | 2842.5 | 2820.7 | 2788.5 | 2753.4 | 2699.3 | 2625.6 | 2544.3 | 2464.8 | 2394.7 |
| 15°    | 3098.3 | 3103.0 | 3091.2 | 3068.4 | 3022.8 | 2960.7 | 2879.0 | 2848.4 | 2732.0 | 2645.6 | 2559.1 |
| 17.5°  | 3260.8 | 3259.9 | 3258.3 | 3226.7 | 3180.2 | 3136.0 | 3060.2 | 2979.6 | 2874.3 | 2752.5 | 2636.0 |
| 20°    | 3363.9 | 3356.1 | 3357.7 | 3322.3 | 3287.7 | 3236.6 | 3162.7 | 3045.6 | 2959.2 | 2818.5 | 2698.2 |
| 22.5°  | 3361.4 | 3359.9 | 3365.8 | 3353.7 | 3328.6 | 3289.4 | 3231.3 | 3132.4 | 3022.1 | 2880.1 | 2744.8 |
| 25°    | 3192.6 | 3186.3 | 3223.3 | 3233.5 | 3273.6 | 3280.6 | 3263.3 | 3209.1 | 3104.6 | 2958.4 | 2791.0 |
| 27.5°  | 2672.0 | 2668.5 | 2737.1 | 2822.9 | 2931.7 | 3016.2 | 3098.0 | 3137.4 | 3104.6 | 2999.9 | 2832.2 |
| 30°    | 2192.9 | 2266.7 | 2301.3 | 2425.5 | 2563.8 | 2728.9 | 2873.5 | 3011.0 | 3044.8 | 2999.3 | 2861.7 |
| 32.5°  | 1820.6 | 1885.1 | 1914.0 | 2020.6 | 2149.5 | 2342.8 | 2559.7 | 2754.5 | 2892.1 | 2926.9 | 2844.1 |
| 35°    | 1384.9 | 1385.7 | 1451.7 | 1498.8 | 1618.3 | 1817.2 | 2027.8 | 2288.7 | 2548.1 | 2744.6 | 2765.0 |
| 37.5°  | 1105.1 | 1109.0 | 1148.9 | 1195.9 | 1285.5 | 1390.7 | 1576.2 | 1793.1 | 2092.7 | 2394.4 | 2571.2 |
| 40°    | 954.2  | 961.2  | 991.1  | 1037.5 | 1101.9 | 1181.3 | 1325.9 | 1530.3 | 1780.2 | 2115.8 | 2390.1 |
| 42.5°  | 857.3  | 868.8  | 884.2  | 919.9  | 959.8  | 1034.2 | 1151.1 | 1309.0 | 1536.3 | 1853.6 | 2170.1 |
| 45°    | 738.8  | 745.1  | 756.9  | 773.4  | 809.5  | 861.4  | 940.0  | 1046.1 | 1234.8 | 1490.2 | 1806.9 |
| 47.5°  | 651.7  | 648.4  | 660.8  | 674.2  | 698.3  | 733.6  | 786.3  | 872.9  | 1007.5 | 1212.4 | 1481.1 |
| 50°    | 592.6  | 591.8  | 600.5  | 610.7  | 633.5  | 659.4  | 702.7  | 767.9  | 874.8  | 1044.6 | 1290.6 |
| 52.5°  | 537.3  | 540.3  | 546.4  | 559.1  | 575.6  | 596.6  | 635.4  | 682.4  | 774.2  | 920.7  | 1125.8 |
| 55°    | 463.7  | 466.1  | 474.7  | 481.8  | 493.6  | 514.8  | 539.2  | 578.5  | 641.4  | 743.5  | 912.5  |
| 57.5°  | 401.5  | 400.4  | 408.7  | 410.4  | 423.8  | 441.1  | 459.9  | 490.4  | 536.0  | 612.0  | 725.8  |
| 60°    | 360.0  | 357.6  | 364.7  | 370.2  | 377.3  | 391.4  | 407.1  | 437.0  | 473.2  | 529.0  | 626.4  |
| 62.5°  | 322.2  | 321.1  | 326.3  | 331.8  | 337.7  | 350.5  | 363.7  | 386.7  | 415.3  | 462.3  | 539.6  |
| 65°    | 267.2  | 269.6  | 271.9  | 274.3  | 277.4  | 285.3  | 297.9  | 313.6  | 333.3  | 366.3  | 422.1  |
| 67.5°  | 210.0  | 212.4  | 213.2  | 218.0  | 224.8  | 229.7  | 237.4  | 251.4  | 265.0  | 292.9  | 324.6  |
| 70°    | 169.8  | 169.0  | 169.8  | 172.1  | 180.8  | 189.4  | 199.6  | 209.9  | 218.5  | 238.1  | 264.9  |
| 72.5°  | 145.9  | 144.5  | 146.5  | 147.0  | 151.2  | 153.6  | 160.0  | 169.6  | 180.8  | 194.1  | 213.3  |
| 75°    | 113.2  | 113.2  | 113.2  | 113.2  | 116.3  | 117.9  | 120.3  | 122.6  | 126.5  | 132.8  | 147.0  |
| 77.5°  | 83.6   | 83.8   | 84.9   | 85.7   | 86.3   | 87.2   | 88.7   | 91.0   | 92.4   | 95.7   | 101.9  |
| 80°    | 66.0   | 66.8   | 66.0   | 66.8   | 66.8   | 68.4   | 69.2   | 71.5   | 72.3   | 76.2   | 78.6   |
| 82.5°  | 49.7   | 49.2   | 49.7   | 50.5   | 50.5   | 52.0   | 52.2   | 53.9   | 54.1   | 56.1   | 58.5   |
| 85°    | 26.7   | 25.2   | 26.7   | 25.9   | 27.5   | 25.9   | 26.7   | 28.3   | 28.3   | 29.1   | 32.2   |
| 87.5°  | 13.3   | 14.4   | 13.1   | 13.6   | 13.5   | 13.9   | 13.7   | 13.5   | 14.6   | 13.8   | 13.7   |
| 90°    | 34.9   | 34.3   | 33.8   | 33.3   | 32.8   | 32.0   | 31.0   | 29.9   | 28.9   | 27.9   | 24.5   |
| 92.5°  | 38.6   | 38.3   | 38.0   | 37.6   | 37.3   | 36.4   | 34.7   | 33.0   | 31.4   | 29.7   | 27.2   |
| 95°    | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 43.2   | 41.4   | 39.6   | 37.8   | 36.0   | 33.2   |
| 97.5°  | 47.9   | 47.6   | 47.4   | 47.1   | 46.8   | 45.7   | 43.6   | 41.5   | 39.5   | 37.4   | 35.0   |
| 100°   | 48.8   | 48.5   | 48.3   | 48.0   | 47.8   | 46.6   | 44.5   | 42.5   | 40.4   | 38.3   | 37.6   |
| 102.5° | 49.7   | 49.3   | 48.8   | 48.3   | 47.9   | 50.8   | 57.2   | 63.6   | 70.0   | 76.4   | 120.4  |
| 105°   | 51.1   | 50.6   | 50.1   | 49.6   | 49.1   | 71.6   | 117.3  | 163.0  | 208.7  | 254.4  | 277.7  |
| 107.5° | 160.6  | 195.0  | 229.4  | 263.9  | 298.3  | 332.3  | 365.8  | 399.3  | 432.8  | 466.4  | 462.7  |
| 110°   | 319.5  | 356.4  | 393.3  | 430.3  | 467.2  | 489.9  | 498.4  | 506.9  | 515.5  | 524.0  | 521.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 548.1  | 555.9  | 563.7  | 571.5  | 579.3  | 583.2  | 583.0  | 582.8  | 582.7  | 582.5  | 579.7  |
| 115°   | 683.1  | 682.1  | 681.1  | 680.0  | 679.0  | 677.2  | 674.6  | 672.0  | 669.5  | 666.9  | 664.6  |
| 117.5° | 758.9  | 758.7  | 758.5  | 758.3  | 758.1  | 756.9  | 754.9  | 752.8  | 750.7  | 748.7  | 747.5  |
| 120°   | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  | 809.9  | 807.8  | 805.8  | 803.7  | 801.6  | 800.9  |
| 122.5° | 862.1  | 861.9  | 861.6  | 861.4  | 861.2  | 860.4  | 859.0  | 857.5  | 856.1  | 854.6  | 853.6  |
| 125°   | 934.1  | 933.6  | 933.1  | 932.5  | 932.0  | 931.5  | 931.0  | 930.5  | 930.0  | 929.4  | 928.4  |
| 127.5° | 1003.3 | 1003.9 | 1004.4 | 1004.9 | 1005.4 | 1005.2 | 1004.4 | 1003.6 | 1002.8 | 1001.9 | 1000.7 |
| 130°   | 1048.0 | 1048.5 | 1049.0 | 1049.5 | 1050.0 | 1049.8 | 1048.7 | 1047.7 | 1046.7 | 1045.6 | 1044.6 |
| 132.5° | 1088.8 | 1089.6 | 1090.3 | 1091.0 | 1091.7 | 1091.6 | 1090.6 | 1089.5 | 1088.5 | 1087.5 | 1086.6 |
| 135°   | 1151.4 | 1152.1 | 1152.9 | 1153.7 | 1154.5 | 1154.5 | 1153.7 | 1152.9 | 1152.1 | 1151.4 | 1150.3 |
| 137.5° | 1210.1 | 1210.7 | 1211.2 | 1211.7 | 1212.2 | 1211.8 | 1210.6 | 1209.4 | 1208.1 | 1206.9 | 1206.3 |
| 140°   | 1245.5 | 1246.0 | 1246.5 | 1247.0 | 1247.5 | 1247.3 | 1246.2 | 1245.2 | 1244.2 | 1243.1 | 1242.4 |
| 142.5° | 1278.0 | 1278.7 | 1279.4 | 1280.2 | 1280.9 | 1280.8 | 1280.0 | 1279.2 | 1278.4 | 1277.5 | 1276.8 |
| 145°   | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.7 | 1327.2 | 1326.7 | 1326.1 | 1325.6 | 1325.1 |
| 147.5° | 1365.1 | 1366.3 | 1367.5 | 1368.7 | 1369.9 | 1370.2 | 1369.7 | 1369.2 | 1368.7 | 1368.1 | 1367.6 |
| 150°   | 1393.0 | 1393.8 | 1394.6 | 1395.3 | 1396.1 | 1396.2 | 1395.7 | 1395.2 | 1394.7 | 1394.2 | 1393.7 |
| 152.5° | 1415.3 | 1416.5 | 1417.7 | 1418.9 | 1420.1 | 1420.2 | 1419.3 | 1418.3 | 1417.4 | 1416.5 | 1416.2 |
| 155°   | 1446.5 | 1448.0 | 1449.6 | 1451.1 | 1452.6 | 1452.8 | 1451.5 | 1450.2 | 1448.9 | 1447.6 | 1447.4 |
| 157.5° | 1472.7 | 1474.7 | 1476.7 | 1478.8 | 1480.8 | 1481.0 | 1479.4 | 1477.9 | 1476.4 | 1474.8 | 1475.1 |
| 160°   | 1489.4 | 1491.2 | 1493.1 | 1494.9 | 1496.7 | 1496.8 | 1495.2 | 1493.7 | 1492.2 | 1490.6 | 1490.9 |
| 162.5° | 1505.2 | 1506.8 | 1508.4 | 1510.0 | 1511.6 | 1511.6 | 1509.8 | 1508.1 | 1506.3 | 1504.5 | 1504.8 |
| 165°   | 1524.3 | 1526.1 | 1527.9 | 1529.7 | 1531.5 | 1531.4 | 1529.3 | 1527.3 | 1525.2 | 1523.1 | 1523.4 |
| 167.5° | 1538.0 | 1540.1 | 1542.1 | 1544.2 | 1546.3 | 1546.3 | 1544.2 | 1542.1 | 1540.1 | 1538.0 | 1538.0 |
| 170°   | 1546.4 | 1548.4 | 1550.5 | 1552.6 | 1554.6 | 1554.6 | 1552.6 | 1550.5 | 1548.4 | 1546.4 | 1546.4 |
| 172.5° | 1551.0 | 1553.3 | 1555.6 | 1557.8 | 1560.1 | 1560.2 | 1558.1 | 1556.1 | 1554.0 | 1551.9 | 1551.7 |
| 175°   | 1558.0 | 1560.1 | 1562.1 | 1564.2 | 1566.2 | 1566.4 | 1564.6 | 1562.8 | 1561.0 | 1559.1 | 1558.9 |
| 177.5° | 1560.1 | 1562.1 | 1564.2 | 1566.3 | 1568.3 | 1568.5 | 1566.9 | 1565.2 | 1563.6 | 1561.9 | 1561.7 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



TEST NUMBER: P332384

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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1895.8 | 1893.9 | 1885.1 | 1875.0 | 1861.8 | 1853.0 | 1846.1 | 1842.3 | 1831.0 | 1817.2 | 1807.7 |
| 5°     | 2012.9 | 1989.3 | 1964.1 | 1933.5 | 1905.2 | 1876.1 | 1858.0 | 1836.8 | 1810.9 | 1781.8 | 1761.4 |
| 7.5°   | 2138.3 | 2092.1 | 2042.3 | 1990.9 | 1940.1 | 1894.5 | 1854.3 | 1819.8 | 1778.5 | 1736.8 | 1707.6 |
| 10°    | 2234.5 | 2166.9 | 2097.0 | 2025.4 | 1960.2 | 1898.9 | 1851.7 | 1805.4 | 1755.9 | 1707.9 | 1671.8 |
| 12.5°  | 2321.9 | 2232.9 | 2152.3 | 2064.4 | 1981.0 | 1907.7 | 1839.8 | 1785.2 | 1725.7 | 1674.6 | 1633.4 |
| 15°    | 2432.6 | 2341.4 | 2243.9 | 2110.3 | 1999.5 | 1906.8 | 1824.2 | 1752.7 | 1680.4 | 1617.5 | 1577.4 |
| 17.5°  | 2536.0 | 2398.8 | 2267.8 | 2156.4 | 2012.4 | 1896.5 | 1795.8 | 1710.3 | 1630.9 | 1564.2 | 1514.9 |
| 20°    | 2578.8 | 2445.9 | 2303.7 | 2161.4 | 2019.9 | 1890.3 | 1773.1 | 1678.8 | 1596.3 | 1520.8 | 1475.3 |
| 22.5°  | 2604.5 | 2454.1 | 2304.3 | 2151.4 | 2001.1 | 1866.4 | 1750.5 | 1646.8 | 1557.3 | 1485.6 | 1429.4 |
| 25°    | 2634.6 | 2455.4 | 2290.3 | 2139.4 | 1986.1 | 1840.0 | 1702.4 | 1592.4 | 1495.7 | 1419.5 | 1359.7 |
| 27.5°  | 2654.4 | 2443.6 | 2248.5 | 2080.8 | 1925.3 | 1779.7 | 1653.7 | 1537.0 | 1439.0 | 1358.3 | 1294.2 |
| 30°    | 2658.1 | 2434.1 | 2216.4 | 2034.9 | 1876.9 | 1743.3 | 1609.7 | 1498.1 | 1394.3 | 1308.6 | 1248.9 |
| 32.5°  | 2663.2 | 2410.9 | 2173.0 | 1980.2 | 1818.4 | 1686.1 | 1565.0 | 1458.4 | 1352.2 | 1267.8 | 1206.8 |
| 35°    | 2642.4 | 2398.0 | 2107.2 | 1885.5 | 1723.6 | 1595.5 | 1486.3 | 1388.0 | 1283.5 | 1201.7 | 1139.7 |
| 37.5°  | 2553.1 | 2346.9 | 2039.0 | 1779.0 | 1609.7 | 1491.0 | 1402.0 | 1316.3 | 1220.5 | 1132.3 | 1073.8 |
| 40°    | 2463.2 | 2296.6 | 1986.1 | 1714.2 | 1537.4 | 1415.5 | 1335.4 | 1265.4 | 1172.7 | 1090.1 | 1027.3 |
| 42.5°  | 2329.3 | 2228.1 | 1935.8 | 1646.3 | 1455.6 | 1338.2 | 1270.6 | 1205.0 | 1123.6 | 1039.8 | 980.7  |
| 45°    | 2083.6 | 2097.0 | 1832.9 | 1538.1 | 1342.4 | 1224.5 | 1160.9 | 1115.3 | 1043.0 | 973.8  | 913.3  |
| 47.5°  | 1775.5 | 1900.5 | 1712.0 | 1422.9 | 1223.1 | 1112.5 | 1056.8 | 1017.0 | 968.3  | 900.4  | 845.2  |
| 50°    | 1574.3 | 1752.7 | 1615.2 | 1345.6 | 1148.3 | 1038.3 | 983.2  | 951.0  | 908.6  | 855.1  | 802.5  |
| 52.5°  | 1388.8 | 1580.4 | 1498.2 | 1259.4 | 1067.2 | 966.6  | 912.8  | 886.3  | 852.6  | 802.3  | 754.7  |
| 55°    | 1132.6 | 1326.7 | 1307.9 | 1129.4 | 945.5  | 855.1  | 814.3  | 784.4  | 761.6  | 723.9  | 686.2  |
| 57.5°  | 916.1  | 1100.2 | 1109.9 | 984.8  | 838.3  | 749.0  | 713.8  | 691.3  | 676.4  | 648.0  | 613.1  |
| 60°    | 779.7  | 948.7  | 981.7  | 887.4  | 761.6  | 683.0  | 648.4  | 630.3  | 618.6  | 595.8  | 569.0  |
| 62.5°  | 666.5  | 810.3  | 847.7  | 779.8  | 688.0  | 614.5  | 587.4  | 570.0  | 562.0  | 542.3  | 518.7  |
| 65°    | 510.1  | 629.6  | 665.7  | 628.0  | 580.0  | 521.1  | 499.1  | 484.2  | 477.1  | 466.1  | 448.8  |
| 67.5°  | 383.6  | 470.6  | 510.3  | 483.7  | 466.4  | 429.1  | 415.1  | 407.1  | 400.8  | 393.3  | 378.8  |
| 70°    | 308.1  | 372.5  | 413.4  | 406.3  | 392.2  | 372.5  | 362.3  | 356.8  | 350.5  | 344.3  | 331.7  |
| 72.5°  | 247.7  | 292.1  | 330.4  | 334.0  | 322.4  | 318.5  | 309.5  | 307.2  | 303.4  | 295.8  | 288.9  |
| 75°    | 164.3  | 194.9  | 221.6  | 231.9  | 236.6  | 240.5  | 236.6  | 235.8  | 235.0  | 228.7  | 224.8  |
| 77.5°  | 107.7  | 124.2  | 141.0  | 158.5  | 165.8  | 171.2  | 172.4  | 175.3  | 173.2  | 169.9  | 168.0  |
| 80°    | 82.5   | 86.5   | 98.2   | 113.2  | 125.0  | 129.7  | 132.8  | 134.4  | 133.6  | 132.8  | 129.7  |
| 82.5°  | 59.9   | 63.2   | 68.7   | 79.2   | 89.1   | 97.0   | 98.9   | 98.6   | 100.3  | 100.8  | 98.2   |
| 85°    | 32.2   | 33.0   | 34.6   | 36.2   | 41.7   | 50.3   | 52.7   | 54.2   | 55.8   | 55.8   | 51.1   |
| 87.5°  | 14.3   | 13.0   | 13.6   | 13.0   | 14.4   | 14.5   | 17.7   | 20.4   | 21.5   | 19.5   | 20.0   |
| 90°    | 21.2   | 17.8   | 14.5   | 11.5   | 8.9    | 6.3    | 3.7    | 1.2    | 3.7    | 6.3    | 8.9    |
| 92.5°  | 24.7   | 22.2   | 19.6   | 18.7   | 19.4   | 20.2   | 20.9   | 21.6   | 20.9   | 20.2   | 19.4   |
| 95°    | 30.3   | 27.5   | 24.7   | 28.5   | 39.1   | 49.7   | 60.3   | 70.9   | 60.3   | 49.7   | 39.1   |
| 97.5°  | 74.6   | 93.2   | 111.8  | 123.4  | 128.2  | 132.9  | 137.7  | 142.4  | 137.7  | 132.9  | 128.2  |
| 100°   | 118.9  | 159.2  | 199.4  | 217.0  | 211.8  | 206.7  | 201.5  | 196.3  | 201.5  | 206.7  | 211.8  |
| 102.5° | 164.4  | 208.4  | 252.4  | 272.6  | 268.8  | 265.1  | 261.4  | 257.7  | 261.4  | 265.1  | 268.8  |
| 105°   | 300.9  | 324.1  | 347.4  | 357.6  | 354.7  | 351.9  | 349.1  | 346.2  | 349.1  | 351.9  | 354.7  |
| 107.5° | 459.0  | 455.4  | 451.7  | 448.7  | 446.4  | 444.2  | 441.9  | 439.6  | 441.9  | 444.2  | 446.4  |
| 110°   | 518.3  | 515.5  | 512.6  | 510.2  | 508.1  | 506.0  | 504.0  | 501.9  | 504.0  | 506.0  | 508.1  |





TEST NUMBER: P332384

CATALOG NUMBER: S123RDIP-S1165D1195U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 576.9  | 574.0  | 571.2  | 568.8  | 567.0  | 565.1  | 563.2  | 561.4  | 563.2  | 565.1  | 567.0  |
| 115°   | 662.2  | 659.9  | 657.6  | 655.6  | 654.1  | 652.5  | 651.0  | 649.5  | 651.0  | 652.5  | 654.1  |
| 117.5° | 746.3  | 745.1  | 743.9  | 742.4  | 740.5  | 738.5  | 736.6  | 734.7  | 736.6  | 738.5  | 740.5  |
| 120°   | 800.1  | 799.3  | 798.6  | 797.0  | 794.7  | 792.4  | 790.0  | 787.7  | 790.0  | 792.4  | 794.7  |
| 122.5° | 852.7  | 851.7  | 850.7  | 849.3  | 847.3  | 845.4  | 843.5  | 841.6  | 843.5  | 845.4  | 847.3  |
| 125°   | 927.4  | 926.3  | 925.3  | 923.8  | 921.7  | 919.6  | 917.6  | 915.5  | 917.6  | 919.6  | 921.7  |
| 127.5° | 999.5  | 998.2  | 997.0  | 995.3  | 993.3  | 991.2  | 989.1  | 987.1  | 989.1  | 991.2  | 993.3  |
| 130°   | 1043.6 | 1042.5 | 1041.5 | 1039.9 | 1037.9 | 1035.8 | 1033.8 | 1031.7 | 1033.8 | 1035.8 | 1037.9 |
| 132.5° | 1085.8 | 1085.0 | 1084.1 | 1082.7 | 1080.6 | 1078.6 | 1076.5 | 1074.4 | 1076.5 | 1078.6 | 1080.6 |
| 135°   | 1149.3 | 1148.3 | 1147.2 | 1145.9 | 1144.4 | 1142.8 | 1141.3 | 1139.7 | 1141.3 | 1142.8 | 1144.4 |
| 137.5° | 1205.8 | 1205.2 | 1204.6 | 1203.4 | 1201.4 | 1199.4 | 1197.5 | 1195.5 | 1197.5 | 1199.4 | 1201.4 |
| 140°   | 1241.6 | 1240.8 | 1240.0 | 1238.9 | 1237.3 | 1235.8 | 1234.2 | 1232.7 | 1234.2 | 1235.8 | 1237.3 |
| 142.5° | 1276.0 | 1275.2 | 1274.4 | 1273.3 | 1271.7 | 1270.2 | 1268.6 | 1267.1 | 1268.6 | 1270.2 | 1271.7 |
| 145°   | 1324.6 | 1324.1 | 1323.6 | 1322.4 | 1320.6 | 1318.8 | 1317.0 | 1315.2 | 1317.0 | 1318.8 | 1320.6 |
| 147.5° | 1367.1 | 1366.6 | 1366.1 | 1365.2 | 1364.0 | 1362.9 | 1361.7 | 1360.5 | 1361.7 | 1362.9 | 1364.0 |
| 150°   | 1393.1 | 1392.6 | 1392.1 | 1391.5 | 1390.7 | 1389.9 | 1389.1 | 1388.4 | 1389.1 | 1389.9 | 1390.7 |
| 152.5° | 1415.9 | 1415.5 | 1415.2 | 1414.9 | 1414.5 | 1414.2 | 1413.8 | 1413.5 | 1413.8 | 1414.2 | 1414.5 |
| 155°   | 1447.1 | 1446.8 | 1446.6 | 1446.7 | 1447.2 | 1447.7 | 1448.3 | 1448.8 | 1448.3 | 1447.7 | 1447.2 |
| 157.5° | 1475.3 | 1475.6 | 1475.8 | 1476.0 | 1476.0 | 1476.1 | 1476.1 | 1476.2 | 1476.1 | 1476.1 | 1476.0 |
| 160°   | 1491.1 | 1491.4 | 1491.6 | 1491.9 | 1492.2 | 1492.4 | 1492.7 | 1492.9 | 1492.7 | 1492.4 | 1492.2 |
| 162.5° | 1505.1 | 1505.3 | 1505.6 | 1506.0 | 1506.7 | 1507.4 | 1508.1 | 1508.7 | 1508.1 | 1507.4 | 1506.7 |
| 165°   | 1523.6 | 1523.9 | 1524.2 | 1524.7 | 1525.5 | 1526.2 | 1527.0 | 1527.8 | 1527.0 | 1526.2 | 1525.5 |
| 167.5° | 1538.0 | 1538.0 | 1538.0 | 1538.5 | 1539.6 | 1540.6 | 1541.6 | 1542.7 | 1541.6 | 1540.6 | 1539.6 |
| 170°   | 1546.4 | 1546.4 | 1546.4 | 1546.9 | 1547.9 | 1549.0 | 1550.0 | 1551.0 | 1550.0 | 1549.0 | 1547.9 |
| 172.5° | 1551.5 | 1551.3 | 1551.1 | 1551.6 | 1552.9 | 1554.1 | 1555.4 | 1556.6 | 1555.4 | 1554.1 | 1552.9 |
| 175°   | 1558.6 | 1558.4 | 1558.1 | 1558.6 | 1559.9 | 1561.2 | 1562.5 | 1563.8 | 1562.5 | 1561.2 | 1559.9 |
| 177.5° | 1561.5 | 1561.3 | 1561.1 | 1561.5 | 1562.6 | 1563.6 | 1564.6 | 1565.7 | 1564.6 | 1563.6 | 1562.6 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



TEST NUMBER: P332384

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1804.6 | 1796.4 | 1790.8 | 1778.2 | 1770.0 | 1761.2 | 1752.4 | 1758.1 | 1757.4 | 1756.8 | 1756.8 |
| 5°     | 1744.1 | 1726.0 | 1709.5 | 1688.3 | 1674.9 | 1658.4 | 1645.8 | 1644.2 | 1647.4 | 1636.4 | 1630.1 |
| 7.5°   | 1684.0 | 1659.3 | 1635.9 | 1612.5 | 1587.7 | 1567.9 | 1555.4 | 1549.6 | 1541.6 | 1534.8 | 1527.8 |
| 10°    | 1641.9 | 1612.8 | 1590.0 | 1560.9 | 1534.2 | 1510.6 | 1495.7 | 1485.5 | 1480.0 | 1474.5 | 1464.3 |
| 12.5°  | 1598.5 | 1570.1 | 1541.0 | 1508.1 | 1482.7 | 1455.3 | 1444.1 | 1432.7 | 1422.1 | 1416.0 | 1402.0 |
| 15°    | 1535.0 | 1498.1 | 1467.4 | 1432.8 | 1404.5 | 1377.8 | 1362.1 | 1339.3 | 1336.1 | 1328.3 | 1314.1 |
| 17.5°  | 1471.3 | 1431.2 | 1389.0 | 1363.3 | 1331.4 | 1303.6 | 1279.7 | 1272.0 | 1249.5 | 1241.0 | 1228.8 |
| 20°    | 1421.0 | 1384.1 | 1351.9 | 1318.1 | 1271.7 | 1245.8 | 1226.9 | 1216.7 | 1198.6 | 1187.6 | 1179.7 |
| 22.5°  | 1377.6 | 1340.1 | 1302.8 | 1263.4 | 1225.2 | 1196.1 | 1182.3 | 1166.4 | 1156.5 | 1141.1 | 1132.6 |
| 25°    | 1315.7 | 1274.8 | 1230.0 | 1187.6 | 1160.1 | 1138.1 | 1116.1 | 1101.9 | 1087.8 | 1080.7 | 1065.0 |
| 27.5°  | 1243.7 | 1201.0 | 1159.1 | 1126.9 | 1093.1 | 1071.4 | 1051.5 | 1038.9 | 1021.9 | 1010.0 | 1001.3 |
| 30°    | 1204.1 | 1153.8 | 1117.6 | 1088.6 | 1045.3 | 1024.9 | 1010.0 | 994.3  | 981.7  | 969.1  | 960.5  |
| 32.5°  | 1158.2 | 1112.3 | 1078.0 | 1042.0 | 1008.9 | 986.5  | 967.2  | 953.4  | 942.7  | 930.7  | 922.1  |
| 35°    | 1086.2 | 1047.7 | 1012.3 | 976.2  | 951.8  | 929.0  | 906.2  | 894.4  | 884.2  | 873.2  | 865.4  |
| 37.5°  | 1021.1 | 985.1  | 951.5  | 917.2  | 887.0  | 868.5  | 850.1  | 841.1  | 827.3  | 819.9  | 811.9  |
| 40°    | 980.9  | 945.5  | 909.4  | 876.4  | 844.9  | 830.8  | 814.3  | 800.9  | 788.3  | 782.8  | 774.2  |
| 42.5°  | 936.9  | 901.5  | 871.0  | 835.5  | 809.7  | 790.5  | 775.3  | 760.7  | 751.2  | 743.2  | 738.3  |
| 45°    | 871.6  | 840.2  | 810.3  | 775.0  | 750.6  | 734.1  | 716.8  | 703.4  | 694.8  | 689.3  | 680.6  |
| 47.5°  | 808.3  | 776.9  | 746.5  | 715.7  | 692.1  | 673.3  | 656.0  | 646.7  | 635.2  | 628.5  | 622.6  |
| 50°    | 762.4  | 734.1  | 701.9  | 673.6  | 650.0  | 631.1  | 617.0  | 605.2  | 595.0  | 586.3  | 582.4  |
| 52.5°  | 720.3  | 690.1  | 662.3  | 635.8  | 611.0  | 589.6  | 576.7  | 564.3  | 556.6  | 546.7  | 542.2  |
| 55°    | 650.8  | 621.7  | 598.1  | 572.2  | 547.8  | 529.7  | 514.0  | 503.0  | 495.2  | 484.2  | 477.9  |
| 57.5°  | 585.5  | 559.5  | 531.3  | 508.8  | 483.7  | 468.4  | 455.4  | 440.5  | 430.9  | 422.2  | 416.1  |
| 60°    | 541.5  | 511.7  | 487.3  | 466.1  | 444.1  | 424.4  | 412.6  | 400.8  | 390.6  | 382.0  | 376.5  |
| 62.5°  | 495.6  | 469.5  | 446.4  | 423.3  | 403.2  | 386.1  | 372.4  | 362.5  | 353.5  | 348.0  | 342.5  |
| 65°    | 425.2  | 404.8  | 381.2  | 362.3  | 343.5  | 330.9  | 319.9  | 311.2  | 305.0  | 301.0  | 296.3  |
| 67.5°  | 360.4  | 340.6  | 320.0  | 301.5  | 288.9  | 279.3  | 272.1  | 264.7  | 261.6  | 256.5  | 253.4  |
| 70°    | 318.3  | 297.9  | 279.8  | 265.7  | 253.1  | 246.0  | 241.3  | 235.8  | 232.6  | 226.4  | 223.2  |
| 72.5°  | 272.4  | 257.6  | 244.6  | 233.0  | 222.9  | 216.5  | 210.5  | 203.7  | 198.7  | 191.8  | 188.6  |
| 75°    | 214.6  | 201.2  | 191.0  | 183.1  | 176.8  | 168.2  | 159.6  | 152.5  | 150.1  | 147.8  | 147.0  |
| 77.5°  | 158.9  | 150.4  | 143.0  | 136.4  | 128.6  | 122.3  | 120.4  | 118.8  | 118.4  | 117.1  | 117.1  |
| 80°    | 125.0  | 117.1  | 111.6  | 103.7  | 99.0   | 99.0   | 99.0   | 97.5   | 98.2   | 98.2   | 98.2   |
| 82.5°  | 92.9   | 85.7   | 82.7   | 79.9   | 78.9   | 79.5   | 79.5   | 79.9   | 79.4   | 80.6   | 80.0   |
| 85°    | 47.9   | 48.7   | 50.3   | 49.5   | 50.3   | 50.3   | 51.9   | 51.1   | 51.9   | 50.3   | 51.9   |
| 87.5°  | 19.9   | 22.4   | 23.7   | 25.0   | 26.3   | 26.3   | 27.2   | 27.4   | 28.2   | 28.4   | 28.6   |
| 90°    | 11.5   | 14.5   | 17.8   | 21.2   | 24.5   | 27.9   | 28.9   | 29.9   | 31.0   | 32.0   | 32.8   |
| 92.5°  | 18.7   | 19.6   | 22.2   | 24.7   | 27.2   | 29.7   | 31.4   | 33.0   | 34.7   | 36.4   | 37.3   |
| 95°    | 28.5   | 24.7   | 27.5   | 30.3   | 33.2   | 36.0   | 37.8   | 39.6   | 41.4   | 43.2   | 44.1   |
| 97.5°  | 123.4  | 111.8  | 93.2   | 74.6   | 56.0   | 37.4   | 39.5   | 41.5   | 43.6   | 45.7   | 46.8   |
| 100°   | 217.0  | 199.4  | 159.2  | 118.9  | 78.6   | 38.3   | 40.4   | 42.5   | 44.5   | 46.6   | 47.8   |
| 102.5° | 272.6  | 252.4  | 208.4  | 164.4  | 120.4  | 76.4   | 70.0   | 63.6   | 57.2   | 50.8   | 47.9   |
| 105°   | 357.6  | 347.4  | 324.1  | 300.9  | 277.7  | 254.4  | 208.7  | 163.0  | 117.3  | 71.6   | 49.1   |
| 107.5° | 448.7  | 451.7  | 455.4  | 459.0  | 462.7  | 466.4  | 432.8  | 399.3  | 365.8  | 332.3  | 298.3  |
| 110°   | 510.2  | 512.6  | 515.5  | 518.3  | 521.1  | 524.0  | 515.5  | 506.9  | 498.4  | 489.9  | 467.2  |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 568.8  | 571.2  | 574.0  | 576.9  | 579.7  | 582.5  | 582.7  | 582.8  | 583.0  | 583.2  | 579.3  |
| 115°   | 655.6  | 657.6  | 659.9  | 662.2  | 664.6  | 666.9  | 669.5  | 672.0  | 674.6  | 677.2  | 679.0  |
| 117.5° | 742.4  | 743.9  | 745.1  | 746.3  | 747.5  | 748.7  | 750.7  | 752.8  | 754.9  | 756.9  | 758.1  |
| 120°   | 797.0  | 798.6  | 799.3  | 800.1  | 800.9  | 801.6  | 803.7  | 805.8  | 807.8  | 809.9  | 810.9  |
| 122.5° | 849.3  | 850.7  | 851.7  | 852.7  | 853.6  | 854.6  | 856.1  | 857.5  | 859.0  | 860.4  | 861.2  |
| 125°   | 923.8  | 925.3  | 926.3  | 927.4  | 928.4  | 929.4  | 930.0  | 930.5  | 931.0  | 931.5  | 932.0  |
| 127.5° | 995.3  | 997.0  | 998.2  | 999.5  | 1000.7 | 1001.9 | 1002.8 | 1003.6 | 1004.4 | 1005.2 | 1005.4 |
| 130°   | 1039.9 | 1041.5 | 1042.5 | 1043.6 | 1044.6 | 1045.6 | 1046.7 | 1047.7 | 1048.7 | 1049.8 | 1050.0 |
| 132.5° | 1082.7 | 1084.1 | 1085.0 | 1085.8 | 1086.6 | 1087.5 | 1088.5 | 1089.5 | 1090.6 | 1091.6 | 1091.7 |
| 135°   | 1145.9 | 1147.2 | 1148.3 | 1149.3 | 1150.3 | 1151.4 | 1152.1 | 1152.9 | 1153.7 | 1154.5 | 1154.5 |
| 137.5° | 1203.4 | 1204.6 | 1205.2 | 1205.8 | 1206.3 | 1206.9 | 1208.1 | 1209.4 | 1210.6 | 1211.8 | 1212.2 |
| 140°   | 1238.9 | 1240.0 | 1240.8 | 1241.6 | 1242.4 | 1243.1 | 1244.2 | 1245.2 | 1246.2 | 1247.3 | 1247.5 |
| 142.5° | 1273.3 | 1274.4 | 1275.2 | 1276.0 | 1276.8 | 1277.5 | 1278.4 | 1279.2 | 1280.0 | 1280.8 | 1280.9 |
| 145°   | 1322.4 | 1323.6 | 1324.1 | 1324.6 | 1325.1 | 1325.6 | 1326.1 | 1326.7 | 1327.2 | 1327.7 | 1327.9 |
| 147.5° | 1365.2 | 1366.1 | 1366.6 | 1367.1 | 1367.6 | 1368.1 | 1368.7 | 1369.2 | 1369.7 | 1370.2 | 1369.9 |
| 150°   | 1391.5 | 1392.1 | 1392.6 | 1393.1 | 1393.7 | 1394.2 | 1394.7 | 1395.2 | 1395.7 | 1396.2 | 1396.1 |
| 152.5° | 1414.9 | 1415.2 | 1415.5 | 1415.9 | 1416.2 | 1416.5 | 1417.4 | 1418.3 | 1419.3 | 1420.2 | 1420.1 |
| 155°   | 1446.7 | 1446.6 | 1446.8 | 1447.1 | 1447.4 | 1447.6 | 1448.9 | 1450.2 | 1451.5 | 1452.8 | 1452.6 |
| 157.5° | 1476.0 | 1475.8 | 1475.6 | 1475.3 | 1475.1 | 1474.8 | 1476.4 | 1477.9 | 1479.4 | 1481.0 | 1480.8 |
| 160°   | 1491.9 | 1491.6 | 1491.4 | 1491.1 | 1490.9 | 1490.6 | 1492.2 | 1493.7 | 1495.2 | 1496.8 | 1496.7 |
| 162.5° | 1506.0 | 1505.6 | 1505.3 | 1505.1 | 1504.8 | 1504.5 | 1506.3 | 1508.1 | 1509.8 | 1511.6 | 1511.6 |
| 165°   | 1524.7 | 1524.2 | 1523.9 | 1523.6 | 1523.4 | 1523.1 | 1525.2 | 1527.3 | 1529.3 | 1531.4 | 1531.5 |
| 167.5° | 1538.5 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1540.1 | 1542.1 | 1544.2 | 1546.3 | 1546.3 |
| 170°   | 1546.9 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1548.4 | 1550.5 | 1552.6 | 1554.6 | 1554.6 |
| 172.5° | 1551.6 | 1551.1 | 1551.3 | 1551.5 | 1551.7 | 1551.9 | 1554.0 | 1556.1 | 1558.1 | 1560.2 | 1560.1 |
| 175°   | 1558.6 | 1558.1 | 1558.4 | 1558.6 | 1558.9 | 1559.1 | 1561.0 | 1562.8 | 1564.6 | 1566.4 | 1566.2 |
| 177.5° | 1561.5 | 1561.1 | 1561.3 | 1561.5 | 1561.7 | 1561.9 | 1563.6 | 1565.2 | 1566.9 | 1568.5 | 1568.3 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1749.3 | 1748.6 | 1749.3 | 1746.7 | 1749.3 | 1748.6 | 1749.3 | 1756.8 | 1756.8 | 1757.4 | 1758.1 |
| 5°     | 1627.7 | 1627.0 | 1624.6 | 1617.5 | 1624.6 | 1627.0 | 1627.7 | 1630.1 | 1636.4 | 1647.4 | 1644.2 |
| 7.5°   | 1521.6 | 1520.5 | 1513.6 | 1513.8 | 1513.6 | 1520.5 | 1521.6 | 1527.8 | 1534.8 | 1541.6 | 1549.6 |
| 10°    | 1458.8 | 1459.5 | 1450.1 | 1444.6 | 1450.1 | 1459.5 | 1458.8 | 1464.3 | 1474.5 | 1480.0 | 1485.5 |
| 12.5°  | 1397.8 | 1394.2 | 1386.6 | 1380.5 | 1386.6 | 1394.2 | 1397.8 | 1402.0 | 1416.0 | 1422.1 | 1432.7 |
| 15°    | 1317.3 | 1309.4 | 1290.6 | 1292.1 | 1290.6 | 1309.4 | 1317.3 | 1314.1 | 1328.3 | 1336.1 | 1339.3 |
| 17.5°  | 1222.5 | 1216.7 | 1216.4 | 1205.4 | 1216.4 | 1216.7 | 1222.5 | 1228.8 | 1241.0 | 1249.5 | 1272.0 |
| 20°    | 1167.2 | 1163.2 | 1164.8 | 1153.8 | 1164.8 | 1163.2 | 1167.2 | 1179.7 | 1187.6 | 1198.6 | 1216.7 |
| 22.5°  | 1123.8 | 1119.8 | 1113.2 | 1109.8 | 1113.2 | 1119.8 | 1123.8 | 1132.6 | 1141.1 | 1156.5 | 1166.4 |
| 25°    | 1060.3 | 1054.0 | 1047.7 | 1051.6 | 1047.7 | 1054.0 | 1060.3 | 1065.0 | 1080.7 | 1087.8 | 1101.9 |
| 27.5°  | 996.8  | 992.1  | 985.8  | 985.0  | 985.8  | 992.1  | 996.8  | 1001.3 | 1010.0 | 1021.9 | 1038.9 |
| 30°    | 956.5  | 951.8  | 948.7  | 944.7  | 948.7  | 951.8  | 956.5  | 960.5  | 969.1  | 981.7  | 994.3  |
| 32.5°  | 915.7  | 914.7  | 909.1  | 908.3  | 909.1  | 914.7  | 915.7  | 922.1  | 930.7  | 942.7  | 953.4  |
| 35°    | 862.2  | 857.5  | 855.9  | 856.7  | 855.9  | 857.5  | 862.2  | 865.4  | 873.2  | 884.2  | 894.4  |
| 37.5°  | 811.4  | 805.1  | 802.3  | 799.5  | 802.3  | 805.1  | 811.4  | 811.9  | 819.9  | 827.3  | 841.1  |
| 40°    | 775.0  | 768.7  | 767.1  | 765.5  | 767.1  | 768.7  | 775.0  | 774.2  | 782.8  | 788.3  | 800.9  |
| 42.5°  | 734.1  | 731.6  | 730.6  | 727.8  | 730.6  | 731.6  | 734.1  | 738.3  | 743.2  | 751.2  | 760.7  |
| 45°    | 678.3  | 677.5  | 672.8  | 674.4  | 672.8  | 677.5  | 678.3  | 680.6  | 689.3  | 694.8  | 703.4  |
| 47.5°  | 619.5  | 616.0  | 612.7  | 614.9  | 612.7  | 616.0  | 619.5  | 622.6  | 628.5  | 635.2  | 646.7  |
| 50°    | 579.3  | 577.7  | 570.6  | 572.2  | 570.6  | 577.7  | 579.3  | 582.4  | 586.3  | 595.0  | 605.2  |
| 52.5°  | 539.0  | 533.0  | 530.4  | 529.4  | 530.4  | 533.0  | 539.0  | 542.2  | 546.7  | 556.6  | 564.3  |
| 55°    | 472.4  | 465.3  | 462.1  | 460.6  | 462.1  | 465.3  | 472.4  | 477.9  | 484.2  | 495.2  | 503.0  |
| 57.5°  | 407.0  | 405.1  | 402.6  | 404.3  | 402.6  | 405.1  | 407.0  | 416.1  | 422.2  | 430.9  | 440.5  |
| 60°    | 368.6  | 368.6  | 368.6  | 367.8  | 368.6  | 368.6  | 368.6  | 376.5  | 382.0  | 390.6  | 400.8  |
| 62.5°  | 339.1  | 337.2  | 336.6  | 337.7  | 336.6  | 337.2  | 339.1  | 342.5  | 348.0  | 353.5  | 362.5  |
| 65°    | 294.0  | 293.2  | 290.0  | 289.2  | 290.0  | 293.2  | 294.0  | 296.3  | 301.0  | 305.0  | 311.2  |
| 67.5°  | 251.4  | 248.5  | 247.6  | 246.5  | 247.6  | 248.5  | 251.4  | 253.4  | 256.5  | 261.6  | 264.7  |
| 70°    | 219.3  | 217.7  | 213.0  | 213.8  | 213.0  | 217.7  | 219.3  | 223.2  | 226.4  | 232.6  | 235.8  |
| 72.5°  | 184.7  | 183.1  | 182.2  | 181.1  | 182.2  | 183.1  | 184.7  | 188.6  | 191.8  | 198.7  | 203.7  |
| 75°    | 146.2  | 145.4  | 144.6  | 147.8  | 144.6  | 145.4  | 146.2  | 147.0  | 147.8  | 150.1  | 152.5  |
| 77.5°  | 117.1  | 117.1  | 117.6  | 116.3  | 117.6  | 117.1  | 117.1  | 117.1  | 117.1  | 118.4  | 118.8  |
| 80°    | 98.2   | 98.2   | 97.5   | 97.5   | 97.5   | 98.2   | 98.2   | 98.2   | 98.2   | 98.2   | 97.5   |
| 82.5°  | 78.8   | 79.4   | 79.9   | 78.6   | 79.9   | 79.4   | 78.8   | 80.0   | 80.6   | 79.4   | 79.9   |
| 85°    | 51.9   | 51.1   | 52.7   | 51.9   | 52.7   | 51.1   | 51.9   | 51.9   | 50.3   | 51.9   | 51.1   |
| 87.5°  | 29.9   | 28.8   | 28.9   | 29.6   | 28.9   | 28.8   | 29.9   | 28.6   | 28.4   | 28.2   | 27.4   |
| 90°    | 33.3   | 33.8   | 34.3   | 34.9   | 34.3   | 33.8   | 33.3   | 32.8   | 32.0   | 31.0   | 29.9   |
| 92.5°  | 37.6   | 38.0   | 38.3   | 38.6   | 38.3   | 38.0   | 37.6   | 37.3   | 36.4   | 34.7   | 33.0   |
| 95°    | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   | 43.2   | 41.4   | 39.6   |
| 97.5°  | 47.1   | 47.4   | 47.6   | 47.9   | 47.6   | 47.4   | 47.1   | 46.8   | 45.7   | 43.6   | 41.5   |
| 100°   | 48.0   | 48.3   | 48.5   | 48.8   | 48.5   | 48.3   | 48.0   | 47.8   | 46.6   | 44.5   | 42.5   |
| 102.5° | 48.3   | 48.8   | 49.3   | 49.7   | 49.3   | 48.8   | 48.3   | 47.9   | 50.8   | 57.2   | 63.6   |
| 105°   | 49.6   | 50.1   | 50.6   | 51.1   | 50.6   | 50.1   | 49.6   | 49.1   | 71.6   | 117.3  | 163.0  |
| 107.5° | 263.9  | 229.4  | 195.0  | 160.6  | 195.0  | 229.4  | 263.9  | 298.3  | 332.3  | 365.8  | 399.3  |
| 110°   | 430.3  | 393.3  | 356.4  | 319.5  | 356.4  | 393.3  | 430.3  | 467.2  | 489.9  | 498.4  | 506.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 571.5  | 563.7  | 555.9  | 548.1  | 555.9  | 563.7  | 571.5  | 579.3  | 583.2  | 583.0  | 582.8  |
| 115°   | 680.0  | 681.1  | 682.1  | 683.1  | 682.1  | 681.1  | 680.0  | 679.0  | 677.2  | 674.6  | 672.0  |
| 117.5° | 758.3  | 758.5  | 758.7  | 758.9  | 758.7  | 758.5  | 758.3  | 758.1  | 756.9  | 754.9  | 752.8  |
| 120°   | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  | 809.9  | 807.8  | 805.8  |
| 122.5° | 861.4  | 861.6  | 861.9  | 862.1  | 861.9  | 861.6  | 861.4  | 861.2  | 860.4  | 859.0  | 857.5  |
| 125°   | 932.5  | 933.1  | 933.6  | 934.1  | 933.6  | 933.1  | 932.5  | 932.0  | 931.5  | 931.0  | 930.5  |
| 127.5° | 1004.9 | 1004.4 | 1003.9 | 1003.3 | 1003.9 | 1004.4 | 1004.9 | 1005.4 | 1005.2 | 1004.4 | 1003.6 |
| 130°   | 1049.5 | 1049.0 | 1048.5 | 1048.0 | 1048.5 | 1049.0 | 1049.5 | 1050.0 | 1049.8 | 1048.7 | 1047.7 |
| 132.5° | 1091.0 | 1090.3 | 1089.6 | 1088.8 | 1089.6 | 1090.3 | 1091.0 | 1091.7 | 1091.6 | 1090.6 | 1089.5 |
| 135°   | 1153.7 | 1152.9 | 1152.1 | 1151.4 | 1152.1 | 1152.9 | 1153.7 | 1154.5 | 1154.5 | 1153.7 | 1152.9 |
| 137.5° | 1211.7 | 1211.2 | 1210.7 | 1210.1 | 1210.7 | 1211.2 | 1211.7 | 1212.2 | 1211.8 | 1210.6 | 1209.4 |
| 140°   | 1247.0 | 1246.5 | 1246.0 | 1245.5 | 1246.0 | 1246.5 | 1247.0 | 1247.5 | 1247.3 | 1246.2 | 1245.2 |
| 142.5° | 1280.2 | 1279.4 | 1278.7 | 1278.0 | 1278.7 | 1279.4 | 1280.2 | 1280.9 | 1280.8 | 1280.0 | 1279.2 |
| 145°   | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.7 | 1327.2 | 1326.7 |
| 147.5° | 1368.7 | 1367.5 | 1366.3 | 1365.1 | 1366.3 | 1367.5 | 1368.7 | 1369.9 | 1370.2 | 1369.7 | 1369.2 |
| 150°   | 1395.3 | 1394.6 | 1393.8 | 1393.0 | 1393.8 | 1394.6 | 1395.3 | 1396.1 | 1396.2 | 1395.7 | 1395.2 |
| 152.5° | 1418.9 | 1417.7 | 1416.5 | 1415.3 | 1416.5 | 1417.7 | 1418.9 | 1420.1 | 1420.2 | 1419.3 | 1418.3 |
| 155°   | 1451.1 | 1449.6 | 1448.0 | 1446.5 | 1448.0 | 1449.6 | 1451.1 | 1452.6 | 1452.8 | 1451.5 | 1450.2 |
| 157.5° | 1478.8 | 1476.7 | 1474.7 | 1472.7 | 1474.7 | 1476.7 | 1478.8 | 1480.8 | 1481.0 | 1479.4 | 1477.9 |
| 160°   | 1494.9 | 1493.1 | 1491.2 | 1489.4 | 1491.2 | 1493.1 | 1494.9 | 1496.7 | 1496.8 | 1495.2 | 1493.7 |
| 162.5° | 1510.0 | 1508.4 | 1506.8 | 1505.2 | 1506.8 | 1508.4 | 1510.0 | 1511.6 | 1511.6 | 1509.8 | 1508.1 |
| 165°   | 1529.7 | 1527.9 | 1526.1 | 1524.3 | 1526.1 | 1527.9 | 1529.7 | 1531.5 | 1531.4 | 1529.3 | 1527.3 |
| 167.5° | 1544.2 | 1542.1 | 1540.1 | 1538.0 | 1540.1 | 1542.1 | 1544.2 | 1546.3 | 1546.3 | 1544.2 | 1542.1 |
| 170°   | 1552.6 | 1550.5 | 1548.4 | 1546.4 | 1548.4 | 1550.5 | 1552.6 | 1554.6 | 1554.6 | 1552.6 | 1550.5 |
| 172.5° | 1557.8 | 1555.6 | 1553.3 | 1551.0 | 1553.3 | 1555.6 | 1557.8 | 1560.1 | 1560.2 | 1558.1 | 1556.1 |
| 175°   | 1564.2 | 1562.1 | 1560.1 | 1558.0 | 1560.1 | 1562.1 | 1564.2 | 1566.2 | 1566.4 | 1564.6 | 1562.8 |
| 177.5° | 1566.3 | 1564.2 | 1562.1 | 1560.1 | 1562.1 | 1564.2 | 1566.3 | 1568.3 | 1568.5 | 1566.9 | 1565.2 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1752.4 | 1761.2 | 1770.0 | 1778.2 | 1790.8 | 1796.4 | 1804.6 | 1807.7 | 1817.2 | 1831.0 | 1842.3 |
| 5°     | 1645.8 | 1658.4 | 1674.9 | 1688.3 | 1709.5 | 1726.0 | 1744.1 | 1761.4 | 1781.8 | 1810.9 | 1836.8 |
| 7.5°   | 1555.4 | 1567.9 | 1587.7 | 1612.5 | 1635.9 | 1659.3 | 1684.0 | 1707.6 | 1736.8 | 1778.5 | 1819.8 |
| 10°    | 1495.7 | 1510.6 | 1534.2 | 1560.9 | 1590.0 | 1612.8 | 1641.9 | 1671.8 | 1707.9 | 1755.9 | 1805.4 |
| 12.5°  | 1444.1 | 1455.3 | 1482.7 | 1508.1 | 1541.0 | 1570.1 | 1598.5 | 1633.4 | 1674.6 | 1725.7 | 1785.2 |
| 15°    | 1362.1 | 1377.8 | 1404.5 | 1432.8 | 1467.4 | 1498.1 | 1535.0 | 1577.4 | 1617.5 | 1680.4 | 1752.7 |
| 17.5°  | 1279.7 | 1303.6 | 1331.4 | 1363.3 | 1389.0 | 1431.2 | 1471.3 | 1514.9 | 1564.2 | 1630.9 | 1710.3 |
| 20°    | 1226.9 | 1245.8 | 1271.7 | 1318.1 | 1351.9 | 1384.1 | 1421.0 | 1475.3 | 1520.8 | 1596.3 | 1678.8 |
| 22.5°  | 1182.3 | 1196.1 | 1225.2 | 1263.4 | 1302.8 | 1340.1 | 1377.6 | 1429.4 | 1485.6 | 1557.3 | 1646.8 |
| 25°    | 1116.1 | 1138.1 | 1160.1 | 1187.6 | 1230.0 | 1274.8 | 1315.7 | 1359.7 | 1419.5 | 1495.7 | 1592.4 |
| 27.5°  | 1051.5 | 1071.4 | 1093.1 | 1126.9 | 1159.1 | 1201.0 | 1243.7 | 1294.2 | 1358.3 | 1439.0 | 1537.0 |
| 30°    | 1010.0 | 1024.9 | 1045.3 | 1088.6 | 1117.6 | 1153.8 | 1204.1 | 1248.9 | 1308.6 | 1394.3 | 1498.1 |
| 32.5°  | 967.2  | 986.5  | 1008.9 | 1042.0 | 1078.0 | 1112.3 | 1158.2 | 1206.8 | 1267.8 | 1352.2 | 1458.4 |
| 35°    | 906.2  | 929.0  | 951.8  | 976.2  | 1012.3 | 1047.7 | 1086.2 | 1139.7 | 1201.7 | 1283.5 | 1388.0 |
| 37.5°  | 850.1  | 868.5  | 887.0  | 917.2  | 951.5  | 985.1  | 1021.1 | 1073.8 | 1132.3 | 1220.5 | 1316.3 |
| 40°    | 814.3  | 830.8  | 844.9  | 876.4  | 909.4  | 945.5  | 980.9  | 1027.3 | 1090.1 | 1172.7 | 1265.4 |
| 42.5°  | 775.3  | 790.5  | 809.7  | 835.5  | 871.0  | 901.5  | 936.9  | 980.7  | 1039.8 | 1123.6 | 1205.0 |
| 45°    | 716.8  | 734.1  | 750.6  | 775.0  | 810.3  | 840.2  | 871.6  | 913.3  | 973.8  | 1043.0 | 1115.3 |
| 47.5°  | 656.0  | 673.3  | 692.1  | 715.7  | 746.5  | 776.9  | 808.3  | 845.2  | 900.4  | 968.3  | 1017.0 |
| 50°    | 617.0  | 631.1  | 650.0  | 673.6  | 701.9  | 734.1  | 762.4  | 802.5  | 855.1  | 908.6  | 951.0  |
| 52.5°  | 576.7  | 589.6  | 611.0  | 635.8  | 662.3  | 690.1  | 720.3  | 754.7  | 802.3  | 852.6  | 886.3  |
| 55°    | 514.0  | 529.7  | 547.8  | 572.2  | 598.1  | 621.7  | 650.8  | 686.2  | 723.9  | 761.6  | 784.4  |
| 57.5°  | 455.4  | 468.4  | 483.7  | 508.8  | 531.3  | 559.5  | 585.5  | 613.1  | 648.0  | 676.4  | 691.3  |
| 60°    | 412.6  | 424.4  | 444.1  | 466.1  | 487.3  | 511.7  | 541.5  | 569.0  | 595.8  | 618.6  | 630.3  |
| 62.5°  | 372.4  | 386.1  | 403.2  | 423.3  | 446.4  | 469.5  | 495.6  | 518.7  | 542.3  | 562.0  | 570.0  |
| 65°    | 319.9  | 330.9  | 343.5  | 362.3  | 381.2  | 404.8  | 425.2  | 448.8  | 466.1  | 477.1  | 484.2  |
| 67.5°  | 272.1  | 279.3  | 288.9  | 301.5  | 320.0  | 340.6  | 360.4  | 378.8  | 393.3  | 400.8  | 407.1  |
| 70°    | 241.3  | 246.0  | 253.1  | 265.7  | 279.8  | 297.9  | 318.3  | 331.7  | 344.3  | 350.5  | 356.8  |
| 72.5°  | 210.5  | 216.5  | 222.9  | 233.0  | 244.6  | 257.6  | 272.4  | 288.9  | 295.8  | 303.4  | 307.2  |
| 75°    | 159.6  | 168.2  | 176.8  | 183.1  | 191.0  | 201.2  | 214.6  | 224.8  | 228.7  | 235.0  | 235.8  |
| 77.5°  | 120.4  | 122.3  | 128.6  | 136.4  | 143.0  | 150.4  | 158.9  | 168.0  | 169.9  | 173.2  | 175.3  |
| 80°    | 99.0   | 99.0   | 99.0   | 103.7  | 111.6  | 117.1  | 125.0  | 129.7  | 132.8  | 133.6  | 134.4  |
| 82.5°  | 79.5   | 79.5   | 78.9   | 79.9   | 82.7   | 85.7   | 92.9   | 98.2   | 100.8  | 100.3  | 98.6   |
| 85°    | 51.9   | 50.3   | 50.3   | 49.5   | 50.3   | 48.7   | 47.9   | 51.1   | 55.8   | 55.8   | 54.2   |
| 87.5°  | 27.2   | 26.3   | 26.3   | 25.0   | 23.7   | 22.4   | 19.9   | 20.0   | 19.5   | 21.5   | 20.4   |
| 90°    | 28.9   | 27.9   | 24.5   | 21.2   | 17.8   | 14.5   | 11.5   | 8.9    | 6.3    | 3.7    | 1.2    |
| 92.5°  | 31.4   | 29.7   | 27.2   | 24.7   | 22.2   | 19.6   | 18.7   | 19.4   | 20.2   | 20.9   | 21.6   |
| 95°    | 37.8   | 36.0   | 33.2   | 30.3   | 27.5   | 24.7   | 28.5   | 39.1   | 49.7   | 60.3   | 70.9   |
| 97.5°  | 39.5   | 37.4   | 56.0   | 74.6   | 93.2   | 111.8  | 123.4  | 128.2  | 132.9  | 137.7  | 142.4  |
| 100°   | 40.4   | 38.3   | 78.6   | 118.9  | 159.2  | 199.4  | 217.0  | 211.8  | 206.7  | 201.5  | 196.3  |
| 102.5° | 70.0   | 76.4   | 120.4  | 164.4  | 208.4  | 252.4  | 272.6  | 268.8  | 265.1  | 261.4  | 257.7  |
| 105°   | 208.7  | 254.4  | 277.7  | 300.9  | 324.1  | 347.4  | 357.6  | 354.7  | 351.9  | 349.1  | 346.2  |
| 107.5° | 432.8  | 466.4  | 462.7  | 459.0  | 455.4  | 451.7  | 448.7  | 446.4  | 444.2  | 441.9  | 439.6  |
| 110°   | 515.5  | 524.0  | 521.1  | 518.3  | 515.5  | 512.6  | 510.2  | 508.1  | 506.0  | 504.0  | 501.9  |



TEST NUMBER: P332384

CATALOG NUMBER: S123RDIP-S1165D1195U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 582.7  | 582.5  | 579.7  | 576.9  | 574.0  | 571.2  | 568.8  | 567.0  | 565.1  | 563.2  | 561.4  |
| 115°   | 669.5  | 666.9  | 664.6  | 662.2  | 659.9  | 657.6  | 655.6  | 654.1  | 652.5  | 651.0  | 649.5  |
| 117.5° | 750.7  | 748.7  | 747.5  | 746.3  | 745.1  | 743.9  | 742.4  | 740.5  | 738.5  | 736.6  | 734.7  |
| 120°   | 803.7  | 801.6  | 800.9  | 800.1  | 799.3  | 798.6  | 797.0  | 794.7  | 792.4  | 790.0  | 787.7  |
| 122.5° | 856.1  | 854.6  | 853.6  | 852.7  | 851.7  | 850.7  | 849.3  | 847.3  | 845.4  | 843.5  | 841.6  |
| 125°   | 930.0  | 929.4  | 928.4  | 927.4  | 926.3  | 925.3  | 923.8  | 921.7  | 919.6  | 917.6  | 915.5  |
| 127.5° | 1002.8 | 1001.9 | 1000.7 | 999.5  | 998.2  | 997.0  | 995.3  | 993.3  | 991.2  | 989.1  | 987.1  |
| 130°   | 1046.7 | 1045.6 | 1044.6 | 1043.6 | 1042.5 | 1041.5 | 1039.9 | 1037.9 | 1035.8 | 1033.8 | 1031.7 |
| 132.5° | 1088.5 | 1087.5 | 1086.6 | 1085.8 | 1085.0 | 1084.1 | 1082.7 | 1080.6 | 1078.6 | 1076.5 | 1074.4 |
| 135°   | 1152.1 | 1151.4 | 1150.3 | 1149.3 | 1148.3 | 1147.2 | 1145.9 | 1144.4 | 1142.8 | 1141.3 | 1139.7 |
| 137.5° | 1208.1 | 1206.9 | 1206.3 | 1205.8 | 1205.2 | 1204.6 | 1203.4 | 1201.4 | 1199.4 | 1197.5 | 1195.5 |
| 140°   | 1244.2 | 1243.1 | 1242.4 | 1241.6 | 1240.8 | 1240.0 | 1238.9 | 1237.3 | 1235.8 | 1234.2 | 1232.7 |
| 142.5° | 1278.4 | 1277.5 | 1276.8 | 1276.0 | 1275.2 | 1274.4 | 1273.3 | 1271.7 | 1270.2 | 1268.6 | 1267.1 |
| 145°   | 1326.1 | 1325.6 | 1325.1 | 1324.6 | 1324.1 | 1323.6 | 1322.4 | 1320.6 | 1318.8 | 1317.0 | 1315.2 |
| 147.5° | 1368.7 | 1368.1 | 1367.6 | 1367.1 | 1366.6 | 1366.1 | 1365.2 | 1364.0 | 1362.9 | 1361.7 | 1360.5 |
| 150°   | 1394.7 | 1394.2 | 1393.7 | 1393.1 | 1392.6 | 1392.1 | 1391.5 | 1390.7 | 1389.9 | 1389.1 | 1388.4 |
| 152.5° | 1417.4 | 1416.5 | 1416.2 | 1415.9 | 1415.5 | 1415.2 | 1414.9 | 1414.5 | 1414.2 | 1413.8 | 1413.5 |
| 155°   | 1448.9 | 1447.6 | 1447.4 | 1447.1 | 1446.8 | 1446.6 | 1446.7 | 1447.2 | 1447.7 | 1448.3 | 1448.8 |
| 157.5° | 1476.4 | 1474.8 | 1475.1 | 1475.3 | 1475.6 | 1475.8 | 1476.0 | 1476.0 | 1476.1 | 1476.1 | 1476.2 |
| 160°   | 1492.2 | 1490.6 | 1490.9 | 1491.1 | 1491.4 | 1491.6 | 1491.9 | 1492.2 | 1492.4 | 1492.7 | 1492.9 |
| 162.5° | 1506.3 | 1504.5 | 1504.8 | 1505.1 | 1505.3 | 1505.6 | 1506.0 | 1506.7 | 1507.4 | 1508.1 | 1508.7 |
| 165°   | 1525.2 | 1523.1 | 1523.4 | 1523.6 | 1523.9 | 1524.2 | 1524.7 | 1525.5 | 1526.2 | 1527.0 | 1527.8 |
| 167.5° | 1540.1 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1538.5 | 1539.6 | 1540.6 | 1541.6 | 1542.7 |
| 170°   | 1548.4 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1546.9 | 1547.9 | 1549.0 | 1550.0 | 1551.0 |
| 172.5° | 1554.0 | 1551.9 | 1551.7 | 1551.5 | 1551.3 | 1551.1 | 1551.6 | 1552.9 | 1554.1 | 1555.4 | 1556.6 |
| 175°   | 1561.0 | 1559.1 | 1558.9 | 1558.6 | 1558.4 | 1558.1 | 1558.6 | 1559.9 | 1561.2 | 1562.5 | 1563.8 |
| 177.5° | 1563.6 | 1561.9 | 1561.7 | 1561.5 | 1561.3 | 1561.1 | 1561.5 | 1562.6 | 1563.6 | 1564.6 | 1565.7 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



TEST NUMBER: P332384

CATALOG NUMBER: S123RDIP-S1165D1195U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1846.1 | 1853.0 | 1861.8 | 1875.0 | 1885.1 | 1893.9 | 1895.8 | 1898.3 | 1904.6 | 1915.2 | 1923.4 |
| 5°     | 1858.0 | 1876.1 | 1905.2 | 1933.5 | 1964.1 | 1989.3 | 2012.9 | 2029.4 | 2045.1 | 2078.1 | 2104.8 |
| 7.5°   | 1854.3 | 1894.5 | 1940.1 | 1990.9 | 2042.3 | 2092.1 | 2138.3 | 2179.6 | 2220.8 | 2268.9 | 2323.8 |
| 10°    | 1851.7 | 1898.9 | 1960.2 | 2025.4 | 2097.0 | 2166.9 | 2234.5 | 2287.2 | 2348.5 | 2403.5 | 2473.4 |
| 12.5°  | 1839.8 | 1907.7 | 1981.0 | 2064.4 | 2152.3 | 2232.9 | 2321.9 | 2394.7 | 2464.8 | 2544.3 | 2625.6 |
| 15°    | 1824.2 | 1906.8 | 1999.5 | 2110.3 | 2243.9 | 2341.4 | 2432.6 | 2559.1 | 2645.6 | 2732.0 | 2848.4 |
| 17.5°  | 1795.8 | 1896.5 | 2012.4 | 2156.4 | 2267.8 | 2398.8 | 2536.0 | 2636.0 | 2752.5 | 2874.3 | 2979.6 |
| 20°    | 1773.1 | 1890.3 | 2019.9 | 2161.4 | 2303.7 | 2445.9 | 2578.8 | 2698.2 | 2818.5 | 2959.2 | 3045.6 |
| 22.5°  | 1750.5 | 1866.4 | 2001.1 | 2151.4 | 2304.3 | 2454.1 | 2604.5 | 2744.8 | 2880.1 | 3022.1 | 3132.4 |
| 25°    | 1702.4 | 1840.0 | 1986.1 | 2139.4 | 2290.3 | 2455.4 | 2634.6 | 2791.0 | 2958.4 | 3104.6 | 3209.1 |
| 27.5°  | 1653.7 | 1779.7 | 1925.3 | 2080.8 | 2248.5 | 2443.6 | 2654.4 | 2832.2 | 2999.9 | 3104.6 | 3137.4 |
| 30°    | 1609.7 | 1743.3 | 1876.9 | 2034.9 | 2216.4 | 2434.1 | 2658.1 | 2861.7 | 2999.3 | 3044.8 | 3011.0 |
| 32.5°  | 1565.0 | 1686.1 | 1818.4 | 1980.2 | 2173.0 | 2410.9 | 2663.2 | 2844.1 | 2926.9 | 2892.1 | 2754.5 |
| 35°    | 1486.3 | 1595.5 | 1723.6 | 1885.5 | 2107.2 | 2398.0 | 2642.4 | 2765.0 | 2744.6 | 2548.1 | 2288.7 |
| 37.5°  | 1402.0 | 1491.0 | 1609.7 | 1779.0 | 2039.0 | 2346.9 | 2553.1 | 2571.2 | 2394.4 | 2092.7 | 1793.1 |
| 40°    | 1335.4 | 1415.5 | 1537.4 | 1714.2 | 1986.1 | 2296.6 | 2463.2 | 2390.1 | 2115.8 | 1780.2 | 1530.3 |
| 42.5°  | 1270.6 | 1338.2 | 1455.6 | 1646.3 | 1935.8 | 2228.1 | 2329.3 | 2170.1 | 1853.6 | 1536.3 | 1309.0 |
| 45°    | 1160.9 | 1224.5 | 1342.4 | 1538.1 | 1832.9 | 2097.0 | 2083.6 | 1806.9 | 1490.2 | 1234.8 | 1046.1 |
| 47.5°  | 1056.8 | 1112.5 | 1223.1 | 1422.9 | 1712.0 | 1900.5 | 1775.5 | 1481.1 | 1212.4 | 1007.5 | 872.9  |
| 50°    | 983.2  | 1038.3 | 1148.3 | 1345.6 | 1615.2 | 1752.7 | 1574.3 | 1290.6 | 1044.6 | 874.8  | 767.9  |
| 52.5°  | 912.8  | 966.6  | 1067.2 | 1259.4 | 1498.2 | 1580.4 | 1388.8 | 1125.8 | 920.7  | 774.2  | 682.4  |
| 55°    | 814.3  | 855.1  | 945.5  | 1129.4 | 1307.9 | 1326.7 | 1132.6 | 912.5  | 743.5  | 641.4  | 578.5  |
| 57.5°  | 713.8  | 749.0  | 838.3  | 984.8  | 1109.9 | 1100.2 | 916.1  | 725.8  | 612.0  | 536.0  | 490.4  |
| 60°    | 648.4  | 683.0  | 761.6  | 887.4  | 981.7  | 948.7  | 779.7  | 626.4  | 529.0  | 473.2  | 437.0  |
| 62.5°  | 587.4  | 614.5  | 688.0  | 779.8  | 847.7  | 810.3  | 666.5  | 539.6  | 462.3  | 415.3  | 386.7  |
| 65°    | 499.1  | 521.1  | 580.0  | 628.0  | 665.7  | 629.6  | 510.1  | 422.1  | 366.3  | 333.3  | 313.6  |
| 67.5°  | 415.1  | 429.1  | 466.4  | 483.7  | 510.3  | 470.6  | 383.6  | 324.6  | 292.9  | 265.0  | 251.4  |
| 70°    | 362.3  | 372.5  | 392.2  | 406.3  | 413.4  | 372.5  | 308.1  | 264.9  | 238.1  | 218.5  | 209.9  |
| 72.5°  | 309.5  | 318.5  | 322.4  | 334.0  | 330.4  | 292.1  | 247.7  | 213.3  | 194.1  | 180.8  | 169.6  |
| 75°    | 236.6  | 240.5  | 236.6  | 231.9  | 221.6  | 194.9  | 164.3  | 147.0  | 132.8  | 126.5  | 122.6  |
| 77.5°  | 172.4  | 171.2  | 165.8  | 158.5  | 141.0  | 124.2  | 107.7  | 101.9  | 95.7   | 92.4   | 91.0   |
| 80°    | 132.8  | 129.7  | 125.0  | 113.2  | 98.2   | 86.5   | 82.5   | 78.6   | 76.2   | 72.3   | 71.5   |
| 82.5°  | 98.9   | 97.0   | 89.1   | 79.2   | 68.7   | 63.2   | 59.9   | 58.5   | 56.1   | 54.1   | 53.9   |
| 85°    | 52.7   | 50.3   | 41.7   | 36.2   | 34.6   | 33.0   | 32.2   | 32.2   | 29.1   | 28.3   | 28.3   |
| 87.5°  | 17.7   | 14.5   | 14.4   | 13.0   | 13.6   | 13.0   | 14.3   | 13.7   | 13.8   | 14.6   | 13.5   |
| 90°    | 3.7    | 6.3    | 8.9    | 11.5   | 14.5   | 17.8   | 21.2   | 24.5   | 27.9   | 28.9   | 29.9   |
| 92.5°  | 20.9   | 20.2   | 19.4   | 18.7   | 19.6   | 22.2   | 24.7   | 27.2   | 29.7   | 31.4   | 33.0   |
| 95°    | 60.3   | 49.7   | 39.1   | 28.5   | 24.7   | 27.5   | 30.3   | 33.2   | 36.0   | 37.8   | 39.6   |
| 97.5°  | 137.7  | 132.9  | 128.2  | 123.4  | 111.8  | 93.2   | 74.6   | 56.0   | 37.4   | 39.5   | 41.5   |
| 100°   | 201.5  | 206.7  | 211.8  | 217.0  | 199.4  | 159.2  | 118.9  | 78.6   | 38.3   | 40.4   | 42.5   |
| 102.5° | 261.4  | 265.1  | 268.8  | 272.6  | 252.4  | 208.4  | 164.4  | 120.4  | 76.4   | 70.0   | 63.6   |
| 105°   | 349.1  | 351.9  | 354.7  | 357.6  | 347.4  | 324.1  | 300.9  | 277.7  | 254.4  | 208.7  | 163.0  |
| 107.5° | 441.9  | 444.2  | 446.4  | 448.7  | 451.7  | 455.4  | 459.0  | 462.7  | 466.4  | 432.8  | 399.3  |
| 110°   | 504.0  | 506.0  | 508.1  | 510.2  | 512.6  | 515.5  | 518.3  | 521.1  | 524.0  | 515.5  | 506.9  |





TEST NUMBER: P332384

CATALOG NUMBER: S123RDIP-S1165D1195U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 563.2  | 565.1  | 567.0  | 568.8  | 571.2  | 574.0  | 576.9  | 579.7  | 582.5  | 582.7  | 582.8  |
| 115°   | 651.0  | 652.5  | 654.1  | 655.6  | 657.6  | 659.9  | 662.2  | 664.6  | 666.9  | 669.5  | 672.0  |
| 117.5° | 736.6  | 738.5  | 740.5  | 742.4  | 743.9  | 745.1  | 746.3  | 747.5  | 748.7  | 750.7  | 752.8  |
| 120°   | 790.0  | 792.4  | 794.7  | 797.0  | 798.6  | 799.3  | 800.1  | 800.9  | 801.6  | 803.7  | 805.8  |
| 122.5° | 843.5  | 845.4  | 847.3  | 849.3  | 850.7  | 851.7  | 852.7  | 853.6  | 854.6  | 856.1  | 857.5  |
| 125°   | 917.6  | 919.6  | 921.7  | 923.8  | 925.3  | 926.3  | 927.4  | 928.4  | 929.4  | 930.0  | 930.5  |
| 127.5° | 989.1  | 991.2  | 993.3  | 995.3  | 997.0  | 998.2  | 999.5  | 1000.7 | 1001.9 | 1002.8 | 1003.6 |
| 130°   | 1033.8 | 1035.8 | 1037.9 | 1039.9 | 1041.5 | 1042.5 | 1043.6 | 1044.6 | 1045.6 | 1046.7 | 1047.7 |
| 132.5° | 1076.5 | 1078.6 | 1080.6 | 1082.7 | 1084.1 | 1085.0 | 1085.8 | 1086.6 | 1087.5 | 1088.5 | 1089.5 |
| 135°   | 1141.3 | 1142.8 | 1144.4 | 1145.9 | 1147.2 | 1148.3 | 1149.3 | 1150.3 | 1151.4 | 1152.1 | 1152.9 |
| 137.5° | 1197.5 | 1199.4 | 1201.4 | 1203.4 | 1204.6 | 1205.2 | 1205.8 | 1206.3 | 1206.9 | 1208.1 | 1209.4 |
| 140°   | 1234.2 | 1235.8 | 1237.3 | 1238.9 | 1240.0 | 1240.8 | 1241.6 | 1242.4 | 1243.1 | 1244.2 | 1245.2 |
| 142.5° | 1268.6 | 1270.2 | 1271.7 | 1273.3 | 1274.4 | 1275.2 | 1276.0 | 1276.8 | 1277.5 | 1278.4 | 1279.2 |
| 145°   | 1317.0 | 1318.8 | 1320.6 | 1322.4 | 1323.6 | 1324.1 | 1324.6 | 1325.1 | 1325.6 | 1326.1 | 1326.7 |
| 147.5° | 1361.7 | 1362.9 | 1364.0 | 1365.2 | 1366.1 | 1366.6 | 1367.1 | 1367.6 | 1368.1 | 1368.7 | 1369.2 |
| 150°   | 1389.1 | 1389.9 | 1390.7 | 1391.5 | 1392.1 | 1392.6 | 1393.1 | 1393.7 | 1394.2 | 1394.7 | 1395.2 |
| 152.5° | 1413.8 | 1414.2 | 1414.5 | 1414.9 | 1415.2 | 1415.5 | 1415.9 | 1416.2 | 1416.5 | 1417.4 | 1418.3 |
| 155°   | 1448.3 | 1447.7 | 1447.2 | 1446.7 | 1446.6 | 1446.8 | 1447.1 | 1447.4 | 1447.6 | 1448.9 | 1450.2 |
| 157.5° | 1476.1 | 1476.1 | 1476.0 | 1476.0 | 1475.8 | 1475.6 | 1475.3 | 1475.1 | 1474.8 | 1476.4 | 1477.9 |
| 160°   | 1492.7 | 1492.4 | 1492.2 | 1491.9 | 1491.6 | 1491.4 | 1491.1 | 1490.9 | 1490.6 | 1492.2 | 1493.7 |
| 162.5° | 1508.1 | 1507.4 | 1506.7 | 1506.0 | 1505.6 | 1505.3 | 1505.1 | 1504.8 | 1504.5 | 1506.3 | 1508.1 |
| 165°   | 1527.0 | 1526.2 | 1525.5 | 1524.7 | 1524.2 | 1523.9 | 1523.6 | 1523.4 | 1523.1 | 1525.2 | 1527.3 |
| 167.5° | 1541.6 | 1540.6 | 1539.6 | 1538.5 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1538.0 | 1540.1 | 1542.1 |
| 170°   | 1550.0 | 1549.0 | 1547.9 | 1546.9 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1546.4 | 1548.4 | 1550.5 |
| 172.5° | 1555.4 | 1554.1 | 1552.9 | 1551.6 | 1551.1 | 1551.3 | 1551.5 | 1551.7 | 1551.9 | 1554.0 | 1556.1 |
| 175°   | 1562.5 | 1561.2 | 1559.9 | 1558.6 | 1558.1 | 1558.4 | 1558.6 | 1558.9 | 1559.1 | 1561.0 | 1562.8 |
| 177.5° | 1564.6 | 1563.6 | 1562.6 | 1561.5 | 1561.1 | 1561.3 | 1561.5 | 1561.7 | 1561.9 | 1563.6 | 1565.2 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |



TEST NUMBER: P332384

CATALOG NUMBER: S123RDIP-S1165D1195U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 | 1836.0 |
| 2.5°   | 1936.6 | 1936.6 | 1939.1 | 1948.6 | 1949.8 | 1958.0 | 1955.5 |
| 5°     | 2128.4 | 2143.3 | 2148.8 | 2172.4 | 2186.6 | 2192.9 | 2180.3 |
| 7.5°   | 2362.9 | 2405.1 | 2425.0 | 2449.7 | 2471.6 | 2478.2 | 2461.0 |
| 10°    | 2534.0 | 2578.0 | 2614.9 | 2637.7 | 2658.9 | 2673.1 | 2691.2 |
| 12.5°  | 2699.3 | 2753.4 | 2788.5 | 2820.7 | 2842.5 | 2860.5 | 2863.4 |
| 15°    | 2879.0 | 2960.7 | 3022.8 | 3068.4 | 3091.2 | 3103.0 | 3098.3 |
| 17.5°  | 3060.2 | 3136.0 | 3180.2 | 3226.7 | 3258.3 | 3259.9 | 3260.8 |
| 20°    | 3162.7 | 3236.6 | 3287.7 | 3322.3 | 3357.7 | 3356.1 | 3363.9 |
| 22.5°  | 3231.3 | 3289.4 | 3328.6 | 3353.7 | 3365.8 | 3359.9 | 3361.4 |
| 25°    | 3263.3 | 3280.6 | 3273.6 | 3233.5 | 3223.3 | 3186.3 | 3192.6 |
| 27.5°  | 3098.0 | 3016.2 | 2931.7 | 2822.9 | 2737.1 | 2668.5 | 2672.0 |
| 30°    | 2873.5 | 2728.9 | 2563.8 | 2425.5 | 2301.3 | 2266.7 | 2192.9 |
| 32.5°  | 2559.7 | 2342.8 | 2149.5 | 2020.6 | 1914.0 | 1885.1 | 1820.6 |
| 35°    | 2027.8 | 1817.2 | 1618.3 | 1498.8 | 1451.7 | 1385.7 | 1384.9 |
| 37.5°  | 1576.2 | 1390.7 | 1285.5 | 1195.9 | 1148.9 | 1109.0 | 1105.1 |
| 40°    | 1325.9 | 1181.3 | 1101.9 | 1037.5 | 991.1  | 961.2  | 954.2  |
| 42.5°  | 1151.1 | 1034.2 | 959.8  | 919.9  | 884.2  | 868.8  | 857.3  |
| 45°    | 940.0  | 861.4  | 809.5  | 773.4  | 756.9  | 745.1  | 738.8  |
| 47.5°  | 786.3  | 733.6  | 698.3  | 674.2  | 660.8  | 648.4  | 651.7  |
| 50°    | 702.7  | 659.4  | 633.5  | 610.7  | 600.5  | 591.8  | 592.6  |
| 52.5°  | 635.4  | 596.6  | 575.6  | 559.1  | 546.4  | 540.3  | 537.3  |
| 55°    | 539.2  | 514.8  | 493.6  | 481.8  | 474.7  | 466.1  | 463.7  |
| 57.5°  | 459.9  | 441.1  | 423.8  | 410.4  | 408.7  | 400.4  | 401.5  |
| 60°    | 407.1  | 391.4  | 377.3  | 370.2  | 364.7  | 357.6  | 360.0  |
| 62.5°  | 363.7  | 350.5  | 337.7  | 331.8  | 326.3  | 321.1  | 322.2  |
| 65°    | 297.9  | 285.3  | 277.4  | 274.3  | 271.9  | 269.6  | 267.2  |
| 67.5°  | 237.4  | 229.7  | 224.8  | 218.0  | 213.2  | 212.4  | 210.0  |
| 70°    | 199.6  | 189.4  | 180.8  | 172.1  | 169.8  | 169.0  | 169.8  |
| 72.5°  | 160.0  | 153.6  | 151.2  | 147.0  | 146.5  | 144.5  | 145.9  |
| 75°    | 120.3  | 117.9  | 116.3  | 113.2  | 113.2  | 113.2  | 113.2  |
| 77.5°  | 88.7   | 87.2   | 86.3   | 85.7   | 84.9   | 83.8   | 83.6   |
| 80°    | 69.2   | 68.4   | 66.8   | 66.8   | 66.0   | 66.8   | 66.0   |
| 82.5°  | 52.2   | 52.0   | 50.5   | 50.5   | 49.7   | 49.2   | 49.7   |
| 85°    | 26.7   | 25.9   | 27.5   | 25.9   | 26.7   | 25.2   | 26.7   |
| 87.5°  | 13.7   | 13.9   | 13.5   | 13.6   | 13.1   | 14.4   | 13.3   |
| 90°    | 31.0   | 32.0   | 32.8   | 33.3   | 33.8   | 34.3   | 34.9   |
| 92.5°  | 34.7   | 36.4   | 37.3   | 37.6   | 38.0   | 38.3   | 38.6   |
| 95°    | 41.4   | 43.2   | 44.1   | 44.1   | 44.1   | 44.1   | 44.1   |
| 97.5°  | 43.6   | 45.7   | 46.8   | 47.1   | 47.4   | 47.6   | 47.9   |
| 100°   | 44.5   | 46.6   | 47.8   | 48.0   | 48.3   | 48.5   | 48.8   |
| 102.5° | 57.2   | 50.8   | 47.9   | 48.3   | 48.8   | 49.3   | 49.7   |
| 105°   | 117.3  | 71.6   | 49.1   | 49.6   | 50.1   | 50.6   | 51.1   |
| 107.5° | 365.8  | 332.3  | 298.3  | 263.9  | 229.4  | 195.0  | 160.6  |
| 110°   | 498.4  | 489.9  | 467.2  | 430.3  | 393.3  | 356.4  | 319.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 583.0  | 583.2  | 579.3  | 571.5  | 563.7  | 555.9  | 548.1  |
| 115°   | 674.6  | 677.2  | 679.0  | 680.0  | 681.1  | 682.1  | 683.1  |
| 117.5° | 754.9  | 756.9  | 758.1  | 758.3  | 758.5  | 758.7  | 758.9  |
| 120°   | 807.8  | 809.9  | 810.9  | 810.9  | 810.9  | 810.9  | 810.9  |
| 122.5° | 859.0  | 860.4  | 861.2  | 861.4  | 861.6  | 861.9  | 862.1  |
| 125°   | 931.0  | 931.5  | 932.0  | 932.5  | 933.1  | 933.6  | 934.1  |
| 127.5° | 1004.4 | 1005.2 | 1005.4 | 1004.9 | 1004.4 | 1003.9 | 1003.3 |
| 130°   | 1048.7 | 1049.8 | 1050.0 | 1049.5 | 1049.0 | 1048.5 | 1048.0 |
| 132.5° | 1090.6 | 1091.6 | 1091.7 | 1091.0 | 1090.3 | 1089.6 | 1088.8 |
| 135°   | 1153.7 | 1154.5 | 1154.5 | 1153.7 | 1152.9 | 1152.1 | 1151.4 |
| 137.5° | 1210.6 | 1211.8 | 1212.2 | 1211.7 | 1211.2 | 1210.7 | 1210.1 |
| 140°   | 1246.2 | 1247.3 | 1247.5 | 1247.0 | 1246.5 | 1246.0 | 1245.5 |
| 142.5° | 1280.0 | 1280.8 | 1280.9 | 1280.2 | 1279.4 | 1278.7 | 1278.0 |
| 145°   | 1327.2 | 1327.7 | 1327.9 | 1327.9 | 1327.9 | 1327.9 | 1327.9 |
| 147.5° | 1369.7 | 1370.2 | 1369.9 | 1368.7 | 1367.5 | 1366.3 | 1365.1 |
| 150°   | 1395.7 | 1396.2 | 1396.1 | 1395.3 | 1394.6 | 1393.8 | 1393.0 |
| 152.5° | 1419.3 | 1420.2 | 1420.1 | 1418.9 | 1417.7 | 1416.5 | 1415.3 |
| 155°   | 1451.5 | 1452.8 | 1452.6 | 1451.1 | 1449.6 | 1448.0 | 1446.5 |
| 157.5° | 1479.4 | 1481.0 | 1480.8 | 1478.8 | 1476.7 | 1474.7 | 1472.7 |
| 160°   | 1495.2 | 1496.8 | 1496.7 | 1494.9 | 1493.1 | 1491.2 | 1489.4 |
| 162.5° | 1509.8 | 1511.6 | 1511.6 | 1510.0 | 1508.4 | 1506.8 | 1505.2 |
| 165°   | 1529.3 | 1531.4 | 1531.5 | 1529.7 | 1527.9 | 1526.1 | 1524.3 |
| 167.5° | 1544.2 | 1546.3 | 1546.3 | 1544.2 | 1542.1 | 1540.1 | 1538.0 |
| 170°   | 1552.6 | 1554.6 | 1554.6 | 1552.6 | 1550.5 | 1548.4 | 1546.4 |
| 172.5° | 1558.1 | 1560.2 | 1560.1 | 1557.8 | 1555.6 | 1553.3 | 1551.0 |
| 175°   | 1564.6 | 1566.4 | 1566.2 | 1564.2 | 1562.1 | 1560.1 | 1558.0 |
| 177.5° | 1566.9 | 1568.5 | 1568.3 | 1566.3 | 1564.2 | 1562.1 | 1560.1 |
| 180°   | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 |

(END OF REPORT)