

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: P332047-830

Luminaire Tested: **S123DIP-S1165D365U830-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332047-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123DIP-S1165D365U830-4F0-1E-UDD-A4  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1165 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5853.8 lumens  
Efficiency: N/A  
Efficacy: 117.5 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: Semi-Direct

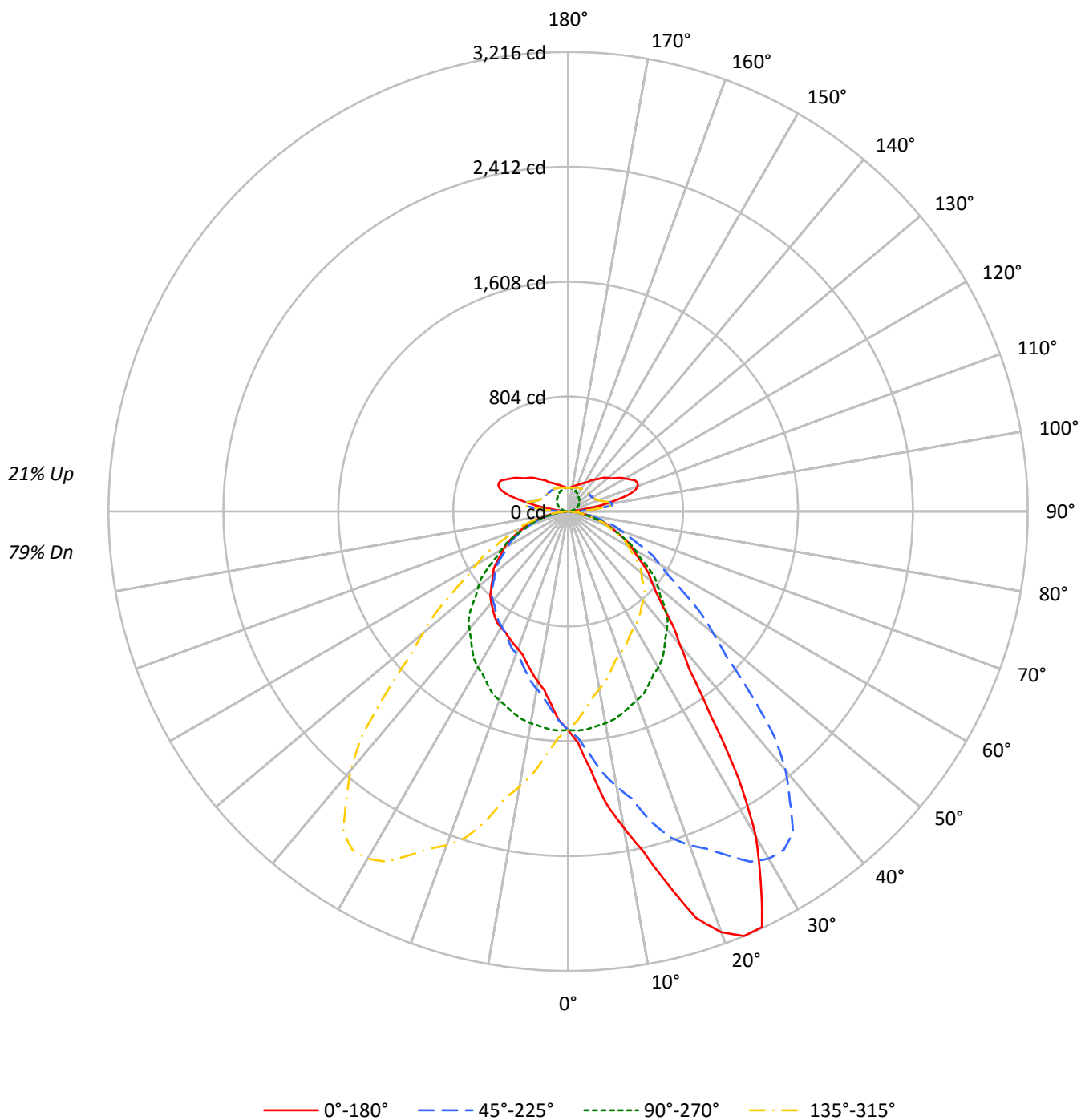
Input Watts (W): 49.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332047-830

CATALOG NUMBER: S123DIP-S1165D365U830-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P332047-830

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 99 | 99 | 99 | 91 | 91 | 91 | 83 | 83 | 83 |
| 1   | 105 | 100 | 96  | 93  | 100 | 96  | 93  | 89  | 88 | 85 | 83 | 81 | 79 | 77 | 74 | 72 | 71 |
| 2   | 96  | 88  | 82  | 77  | 91  | 85  | 79  | 74  | 78 | 73 | 69 | 71 | 68 | 65 | 65 | 63 | 60 |
| 3   | 88  | 78  | 70  | 64  | 83  | 75  | 68  | 62  | 69 | 63 | 59 | 63 | 59 | 55 | 58 | 55 | 52 |
| 4   | 80  | 69  | 61  | 55  | 77  | 67  | 59  | 53  | 61 | 55 | 50 | 57 | 52 | 48 | 52 | 48 | 45 |
| 5   | 74  | 62  | 54  | 48  | 71  | 60  | 52  | 46  | 55 | 49 | 44 | 51 | 46 | 42 | 47 | 43 | 39 |
| 6   | 68  | 56  | 48  | 42  | 65  | 54  | 46  | 41  | 50 | 43 | 39 | 46 | 41 | 37 | 43 | 38 | 35 |
| 7   | 63  | 51  | 42  | 37  | 60  | 49  | 41  | 36  | 46 | 39 | 34 | 42 | 37 | 33 | 39 | 35 | 31 |
| 8   | 59  | 46  | 38  | 33  | 56  | 45  | 37  | 32  | 42 | 35 | 31 | 39 | 33 | 29 | 36 | 31 | 28 |
| 9   | 55  | 42  | 35  | 29  | 53  | 41  | 34  | 29  | 38 | 32 | 28 | 36 | 30 | 26 | 33 | 29 | 25 |
| 10  | 52  | 39  | 32  | 27  | 49  | 38  | 31  | 26  | 35 | 29 | 25 | 33 | 28 | 24 | 31 | 26 | 23 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16457 | 16457 | 16457 | 16457 |
| 5°  | 19626 | 16528 | 14647 | 16528 |
| 10° | 24565 | 16444 | 13230 | 16444 |
| 15° | 30130 | 16312 | 12316 | 16312 |
| 20° | 35892 | 16105 | 11726 | 16105 |
| 25° | 38112 | 15853 | 11595 | 15853 |
| 30° | 32666 | 15669 | 11656 | 15669 |
| 35° | 22718 | 15408 | 11779 | 15408 |
| 40° | 17113 | 15104 | 11741 | 15104 |
| 45° | 14209 | 14647 | 11592 | 14647 |
| 50° | 12728 | 13720 | 11488 | 13720 |
| 55° | 11898 | 12720 | 11344 | 12720 |
| 60° | 11162 | 11672 | 11227 | 11672 |
| 65° | 10491 | 10641 | 10868 | 10641 |
| 70° | 9838  | 9467  | 10351 | 9467  |
| 75° | 8813  | 8289  | 9491  | 8289  |
| 80° | 7711  | 6794  | 8176  | 6794  |
| 85° | 6039  | 4940  | 5496  | 4940  |

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 150.6  | 2.6       |
| 10°-20°   | 482.9  | 8.3       |
| 20°-30°   | 810.5  | 13.8      |
| 30°-40°   | 917.8  | 15.7      |
| 40°-50°   | 823.0  | 14.1      |
| 50°-60°   | 664.2  | 11.3      |
| 60°-70°   | 462.8  | 7.9       |
| 70°-80°   | 243.3  | 4.2       |
| 80°-90°   | 60.8   | 1.0       |
| 90°-100°  | 91.6   | 1.6       |
| 100°-110° | 259.3  | 4.4       |
| 110°-120° | 255.1  | 4.4       |
| 120°-130° | 203.5  | 3.5       |
| 130°-140° | 160.4  | 2.7       |
| 140°-150° | 119.7  | 2.0       |
| 150°-160° | 83.4   | 1.4       |
| 160°-170° | 49.0   | 0.8       |
| 170°-180° | 16.0   | 0.3       |
| 0°-30°    | 1444.1 | 24.7      |
| 0°-40°    | 2361.9 | 40.3      |
| 0°-60°    | 3849.1 | 65.8      |
| 0°-90°    | 4615.9 | 78.9      |
| 90°-120°  | 605.9  | 10.4      |
| 90°-150°  | 1089.5 | 18.6      |
| 90°-180°  | 1238.0 | 21.1      |
| 0°-180°   | 5853.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1529 | 1529 | 1529 | 1529 | 1529 |      |
| 5°   | 1816 | 1530 | 1356 | 1530 | 1816 | 188  |
| 15°  | 2704 | 1464 | 1105 | 1464 | 2704 | 781  |
| 25°  | 3209 | 1335 | 976  | 1335 | 3209 | 1407 |
| 35°  | 1729 | 1173 | 896  | 1173 | 1729 | 1123 |
| 45°  | 933  | 962  | 762  | 962  | 933  | 739  |
| 55°  | 634  | 678  | 604  | 678  | 634  | 569  |
| 65°  | 412  | 418  | 427  | 418  | 412  | 410  |
| 75°  | 212  | 199  | 228  | 199  | 212  | 227  |
| 85°  | 49   | 40   | 44   | 40   | 49   | 58   |
| 90°  | 10   | 1    | 10   | 1    | 10   | 8    |
| 95°  | 39   | 11   | 39   | 11   | 39   | 70   |
| 105° | 424  | 39   | 424  | 39   | 424  | 418  |
| 115° | 515  | 68   | 515  | 68   | 515  | 501  |
| 125° | 406  | 95   | 406  | 95   | 406  | 368  |
| 135° | 329  | 111  | 329  | 111  | 329  | 256  |
| 145° | 258  | 127  | 258  | 127  | 258  | 164  |
| 155° | 214  | 144  | 214  | 144  | 214  | 100  |
| 165° | 186  | 158  | 186  | 158  | 186  | 53   |
| 175° | 168  | 164  | 168  | 164  | 168  | 16   |
| 180° | 165  | 165  | 165  | 165  | 165  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1622.6 | 1621.4 | 1618.4 | 1620.8 | 1616.1 | 1609.5 | 1608.9 | 1603.0 | 1585.8 | 1584.6 | 1579.9 |
| 5°     | 1816.4 | 1810.4 | 1809.7 | 1808.9 | 1798.6 | 1784.5 | 1757.8 | 1755.6 | 1720.0 | 1702.2 | 1680.8 |
| 7.5°   | 2067.3 | 2070.4 | 2059.6 | 2050.1 | 2018.5 | 1997.5 | 1969.0 | 1932.4 | 1888.7 | 1844.4 | 1814.9 |
| 10°    | 2247.5 | 2271.9 | 2241.6 | 2220.8 | 2201.6 | 2165.2 | 2123.1 | 2070.4 | 2017.8 | 1956.3 | 1909.7 |
| 12.5°  | 2440.7 | 2452.7 | 2446.6 | 2427.0 | 2397.1 | 2341.8 | 2267.0 | 2209.1 | 2160.7 | 2058.3 | 2016.9 |
| 15°    | 2703.8 | 2749.0 | 2720.1 | 2653.4 | 2654.9 | 2602.3 | 2504.5 | 2397.1 | 2340.1 | 2250.4 | 2128.3 |
| 17.5°  | 2984.1 | 2989.7 | 2977.4 | 2921.9 | 2884.8 | 2812.5 | 2722.3 | 2619.3 | 2503.8 | 2395.4 | 2265.7 |
| 20°    | 3133.4 | 3129.0 | 3103.0 | 3074.2 | 3010.5 | 2954.2 | 2855.6 | 2740.8 | 2592.7 | 2486.1 | 2344.5 |
| 22.5°  | 3216.4 | 3209.0 | 3196.7 | 3172.5 | 3119.5 | 3059.0 | 2970.6 | 2845.2 | 2704.1 | 2557.1 | 2393.7 |
| 25°    | 3209.0 | 3218.6 | 3220.1 | 3213.4 | 3194.9 | 3158.6 | 3089.0 | 2989.0 | 2848.3 | 2659.4 | 2489.0 |
| 27.5°  | 2918.6 | 2932.2 | 2971.8 | 3006.9 | 3046.2 | 3086.2 | 3080.8 | 3031.2 | 2927.1 | 2763.9 | 2555.6 |
| 30°    | 2628.2 | 2598.6 | 2671.9 | 2764.6 | 2827.5 | 2938.6 | 3000.9 | 3004.5 | 2946.0 | 2806.0 | 2603.0 |
| 32.5°  | 2225.2 | 2257.9 | 2290.3 | 2404.2 | 2541.8 | 2666.6 | 2790.5 | 2890.2 | 2901.6 | 2808.4 | 2630.9 |
| 35°    | 1728.9 | 1769.7 | 1828.9 | 1888.2 | 2036.4 | 2163.8 | 2381.5 | 2571.2 | 2722.3 | 2742.3 | 2633.4 |
| 37.5°  | 1393.3 | 1413.3 | 1450.9 | 1510.2 | 1607.1 | 1758.3 | 1926.7 | 2166.4 | 2385.4 | 2548.3 | 2555.3 |
| 40°    | 1217.9 | 1223.7 | 1265.9 | 1311.2 | 1389.7 | 1514.1 | 1665.9 | 1877.8 | 2140.0 | 2367.5 | 2462.3 |
| 42.5°  | 1086.3 | 1099.3 | 1117.2 | 1160.6 | 1223.1 | 1316.8 | 1458.0 | 1633.0 | 1873.4 | 2135.1 | 2320.6 |
| 45°    | 933.4  | 948.2  | 959.3  | 988.2  | 1032.6 | 1095.6 | 1194.1 | 1354.2 | 1537.1 | 1807.4 | 2057.1 |
| 47.5°  | 832.4  | 833.5  | 841.8  | 863.6  | 893.8  | 941.0  | 1010.7 | 1113.5 | 1281.5 | 1500.8 | 1757.1 |
| 50°    | 760.1  | 771.8  | 774.9  | 791.8  | 815.6  | 850.4  | 908.1  | 995.6  | 1133.4 | 1326.0 | 1561.5 |
| 52.5°  | 709.1  | 712.7  | 721.0  | 733.2  | 753.9  | 781.1  | 831.1  | 899.6  | 1007.8 | 1171.9 | 1388.5 |
| 55°    | 634.0  | 634.0  | 642.2  | 651.9  | 663.7  | 688.2  | 721.5  | 771.8  | 854.1  | 981.5  | 1160.7 |
| 57.5°  | 564.8  | 568.4  | 574.2  | 577.2  | 587.3  | 603.4  | 631.3  | 669.5  | 730.8  | 828.9  | 971.5  |
| 60°    | 518.5  | 525.2  | 524.4  | 530.4  | 539.3  | 551.9  | 575.6  | 606.7  | 661.5  | 740.0  | 860.1  |
| 62.5°  | 478.2  | 477.8  | 477.7  | 484.7  | 493.6  | 505.7  | 521.0  | 548.0  | 594.6  | 664.2  | 766.4  |
| 65°    | 411.9  | 410.4  | 415.6  | 420.0  | 423.0  | 431.9  | 443.7  | 467.4  | 498.5  | 550.4  | 629.6  |
| 67.5°  | 352.9  | 348.6  | 351.4  | 352.9  | 358.0  | 364.9  | 376.0  | 390.7  | 415.4  | 457.0  | 516.8  |
| 70°    | 312.6  | 308.9  | 308.1  | 309.6  | 314.1  | 319.2  | 327.4  | 341.5  | 364.5  | 397.8  | 441.5  |
| 72.5°  | 271.1  | 268.6  | 268.4  | 271.7  | 273.8  | 277.2  | 283.0  | 295.9  | 314.1  | 339.1  | 379.8  |
| 75°    | 211.9  | 211.9  | 211.9  | 212.6  | 214.8  | 217.8  | 222.3  | 228.8  | 243.0  | 260.7  | 288.1  |
| 77.5°  | 158.8  | 158.6  | 157.8  | 157.6  | 160.9  | 162.2  | 163.2  | 169.5  | 177.3  | 189.4  | 209.3  |
| 80°    | 124.4  | 120.7  | 122.2  | 124.4  | 125.9  | 126.7  | 128.9  | 130.4  | 137.0  | 143.7  | 157.8  |
| 82.5°  | 92.5   | 89.4   | 89.6   | 93.0   | 93.3   | 94.1   | 96.3   | 98.4   | 100.9  | 107.0  | 114.5  |
| 85°    | 48.9   | 48.9   | 49.7   | 49.7   | 50.3   | 49.7   | 51.8   | 52.6   | 52.6   | 56.3   | 60.7   |
| 87.5°  | 19.7   | 18.6   | 19.1   | 19.6   | 19.1   | 19.6   | 20.1   | 20.6   | 21.1   | 21.8   | 22.2   |
| 90°    | 9.6    | 10.0   | 9.6    | 9.3    | 9.6    | 9.0    | 8.7    | 8.3    | 8.0    | 8.3    | 7.4    |
| 92.5°  | 16.0   | 16.7   | 16.3   | 17.3   | 17.9   | 19.6   | 22.2   | 28.1   | 38.6   | 51.2   | 56.4   |
| 95°    | 38.6   | 40.0   | 42.3   | 45.3   | 51.7   | 63.6   | 81.2   | 119.9  | 160.2  | 197.6  | 175.9  |
| 97.5°  | 105.2  | 108.0  | 117.1  | 132.1  | 156.7  | 196.4  | 239.4  | 298.9  | 327.4  | 306.1  | 224.1  |
| 100°   | 208.9  | 208.5  | 221.5  | 245.8  | 279.5  | 326.8  | 365.7  | 392.7  | 381.1  | 315.5  | 213.2  |
| 102.5° | 306.3  | 314.1  | 324.9  | 344.1  | 370.3  | 400.3  | 423.0  | 423.9  | 383.7  | 298.1  | 197.2  |
| 105°   | 423.7  | 425.4  | 436.0  | 448.7  | 464.0  | 472.6  | 466.3  | 433.0  | 363.4  | 267.8  | 177.6  |
| 107.5° | 491.3  | 494.3  | 497.9  | 502.2  | 501.9  | 490.0  | 460.8  | 406.7  | 327.8  | 241.0  | 165.0  |
| 110°   | 519.0  | 519.6  | 520.3  | 517.6  | 508.3  | 484.9  | 443.0  | 381.7  | 305.5  | 225.8  | 160.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 524.5 | 524.4 | 521.9 | 513.6 | 496.5 | 466.6 | 419.5 | 356.9 | 286.0 | 215.7 | 157.5 |
| 115°   | 515.3 | 513.6 | 506.9 | 492.3 | 467.3 | 431.0 | 382.0 | 324.0 | 262.5 | 204.8 | 156.6 |
| 117.5° | 485.8 | 483.5 | 474.0 | 457.2 | 431.1 | 394.3 | 350.3 | 300.3 | 248.3 | 198.4 | 157.1 |
| 120°   | 461.3 | 459.3 | 451.3 | 432.6 | 406.3 | 372.7 | 332.7 | 287.8 | 240.8 | 195.5 | 158.3 |
| 122.5° | 438.4 | 435.8 | 427.1 | 410.3 | 386.9 | 355.6 | 318.6 | 278.0 | 234.7 | 193.7 | 160.0 |
| 125°   | 406.3 | 404.1 | 395.7 | 381.1 | 359.8 | 333.1 | 301.1 | 264.8 | 226.9 | 191.1 | 162.9 |
| 127.5° | 379.9 | 377.9 | 370.3 | 357.8 | 338.8 | 314.5 | 285.7 | 253.4 | 219.9 | 190.0 | 166.1 |
| 130°   | 365.0 | 362.4 | 355.4 | 343.4 | 325.7 | 303.1 | 276.2 | 246.1 | 216.1 | 189.2 | 168.2 |
| 132.5° | 350.4 | 348.6 | 342.3 | 330.4 | 313.8 | 292.2 | 267.0 | 239.5 | 212.7 | 188.9 | 169.8 |
| 135°   | 329.4 | 327.1 | 321.1 | 311.1 | 294.7 | 275.8 | 254.1 | 230.5 | 208.2 | 188.5 | 172.2 |
| 137.5° | 307.3 | 305.7 | 300.7 | 290.5 | 276.8 | 260.3 | 241.7 | 222.3 | 204.2 | 187.8 | 173.8 |
| 140°   | 291.8 | 292.1 | 286.8 | 277.5 | 264.8 | 250.4 | 234.5 | 217.5 | 201.8 | 187.6 | 174.8 |
| 142.5° | 277.4 | 277.7 | 273.0 | 264.7 | 253.8 | 241.4 | 227.5 | 213.0 | 199.7 | 187.0 | 175.7 |
| 145°   | 257.5 | 256.8 | 254.1 | 247.1 | 238.8 | 229.1 | 218.5 | 207.5 | 196.8 | 186.2 | 176.2 |
| 147.5° | 241.1 | 240.8 | 238.3 | 233.6 | 227.2 | 220.4 | 211.8 | 203.0 | 194.1 | 184.9 | 176.2 |
| 150°   | 231.5 | 231.5 | 229.5 | 225.8 | 220.8 | 214.5 | 207.5 | 199.8 | 192.2 | 183.9 | 176.2 |
| 152.5° | 223.5 | 223.5 | 222.3 | 218.9 | 215.0 | 209.7 | 203.5 | 196.9 | 190.0 | 182.6 | 175.4 |
| 155°   | 213.5 | 213.2 | 212.5 | 209.8 | 206.8 | 202.8 | 197.8 | 192.6 | 186.8 | 180.2 | 174.6 |
| 157.5° | 204.3 | 204.4 | 203.9 | 201.9 | 199.3 | 196.1 | 192.3 | 187.8 | 183.2 | 178.1 | 173.4 |
| 160°   | 198.5 | 198.9 | 198.9 | 196.8 | 194.5 | 192.2 | 188.9 | 185.2 | 180.9 | 176.5 | 172.9 |
| 162.5° | 193.2 | 193.5 | 193.5 | 191.8 | 190.3 | 188.2 | 185.1 | 182.0 | 178.4 | 174.9 | 171.8 |
| 165°   | 186.2 | 186.2 | 186.5 | 185.2 | 183.9 | 182.2 | 179.8 | 177.9 | 175.2 | 172.6 | 170.2 |
| 167.5° | 179.6 | 179.6 | 179.8 | 178.9 | 178.3 | 177.1 | 175.8 | 174.3 | 172.1 | 170.1 | 168.6 |
| 170°   | 175.5 | 175.5 | 175.9 | 175.2 | 174.8 | 174.2 | 172.9 | 171.8 | 170.2 | 168.5 | 167.6 |
| 172.5° | 171.8 | 172.1 | 172.7 | 172.0 | 171.9 | 171.5 | 170.5 | 169.8 | 168.3 | 167.2 | 166.7 |
| 175°   | 167.6 | 167.9 | 168.2 | 167.9 | 167.9 | 167.9 | 167.2 | 166.8 | 166.2 | 165.5 | 165.5 |
| 177.5° | 165.0 | 165.0 | 165.6 | 165.3 | 165.6 | 165.6 | 165.3 | 165.0 | 164.9 | 164.6 | 164.9 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1576.3 | 1571.6 | 1566.9 | 1558.6 | 1551.4 | 1541.3 | 1538.4 | 1534.8 | 1524.2 | 1514.8 | 1507.6 |
| 5°     | 1672.6 | 1654.8 | 1628.9 | 1605.2 | 1586.0 | 1560.1 | 1545.2 | 1529.7 | 1507.4 | 1487.4 | 1471.1 |
| 7.5°   | 1773.4 | 1738.4 | 1698.1 | 1654.5 | 1614.0 | 1574.9 | 1543.3 | 1515.1 | 1484.0 | 1454.5 | 1431.6 |
| 10°    | 1853.4 | 1803.0 | 1746.7 | 1686.0 | 1634.1 | 1583.8 | 1541.5 | 1504.5 | 1464.5 | 1429.6 | 1400.8 |
| 12.5°  | 1944.7 | 1870.0 | 1792.3 | 1718.5 | 1657.3 | 1587.3 | 1536.2 | 1489.1 | 1443.8 | 1401.8 | 1369.4 |
| 15°    | 2052.7 | 1957.8 | 1866.0 | 1764.5 | 1671.1 | 1583.8 | 1523.1 | 1463.8 | 1411.2 | 1368.2 | 1326.7 |
| 17.5°  | 2151.1 | 2043.6 | 1922.6 | 1799.1 | 1686.6 | 1582.9 | 1497.8 | 1430.9 | 1365.1 | 1312.5 | 1271.1 |
| 20°    | 2206.8 | 2084.5 | 1947.5 | 1819.3 | 1694.9 | 1579.3 | 1486.0 | 1406.0 | 1334.8 | 1279.3 | 1232.7 |
| 22.5°  | 2254.8 | 2111.8 | 1970.0 | 1833.0 | 1694.3 | 1569.8 | 1464.1 | 1381.7 | 1304.7 | 1250.3 | 1200.6 |
| 25°    | 2304.5 | 2133.4 | 1991.2 | 1830.4 | 1675.7 | 1546.7 | 1428.2 | 1334.8 | 1257.8 | 1194.1 | 1143.0 |
| 27.5°  | 2347.2 | 2131.9 | 1963.1 | 1790.3 | 1646.2 | 1517.1 | 1390.5 | 1290.4 | 1208.6 | 1139.4 | 1087.6 |
| 30°    | 2375.6 | 2134.9 | 1934.1 | 1763.0 | 1617.9 | 1484.5 | 1361.5 | 1260.7 | 1174.9 | 1104.5 | 1055.6 |
| 32.5°  | 2393.4 | 2133.1 | 1907.4 | 1725.1 | 1572.8 | 1454.8 | 1330.1 | 1225.8 | 1137.6 | 1068.4 | 1021.2 |
| 35°    | 2403.8 | 2120.1 | 1861.5 | 1646.7 | 1500.1 | 1385.3 | 1280.8 | 1172.6 | 1080.1 | 1015.6 | 962.2  |
| 37.5°  | 2383.0 | 2092.6 | 1808.2 | 1571.1 | 1410.6 | 1297.5 | 1209.7 | 1117.5 | 1028.9 | 958.0  | 912.0  |
| 40°    | 2350.4 | 2074.9 | 1766.7 | 1517.9 | 1349.0 | 1240.0 | 1165.3 | 1074.9 | 987.4  | 920.0  | 877.0  |
| 42.5°  | 2288.2 | 2038.7 | 1721.1 | 1458.6 | 1285.0 | 1176.0 | 1107.1 | 1031.6 | 949.0  | 885.6  | 842.7  |
| 45°    | 2136.4 | 1960.0 | 1652.7 | 1369.7 | 1190.4 | 1077.8 | 1017.1 | 962.2  | 887.4  | 826.0  | 788.9  |
| 47.5°  | 1925.7 | 1841.7 | 1553.7 | 1275.9 | 1091.7 | 983.4  | 920.3  | 876.2  | 821.5  | 771.8  | 736.3  |
| 50°    | 1779.3 | 1744.5 | 1486.7 | 1211.9 | 1026.0 | 920.0  | 859.3  | 819.3  | 780.0  | 730.4  | 697.8  |
| 52.5°  | 1610.4 | 1631.9 | 1408.5 | 1145.5 | 959.0  | 854.9  | 797.7  | 765.9  | 730.3  | 689.5  | 661.1  |
| 55°    | 1372.6 | 1450.4 | 1273.4 | 1034.1 | 859.3  | 760.1  | 706.0  | 677.8  | 657.0  | 626.7  | 602.3  |
| 57.5°  | 1150.0 | 1249.0 | 1127.3 | 919.3  | 761.4  | 675.7  | 623.9  | 593.2  | 579.9  | 564.0  | 544.8  |
| 60°    | 1017.9 | 1115.6 | 1023.0 | 842.3  | 695.6  | 614.1  | 568.2  | 542.2  | 528.9  | 517.8  | 501.5  |
| 62.5°  | 899.8  | 998.8  | 921.1  | 764.0  | 630.9  | 555.4  | 515.4  | 490.1  | 479.8  | 473.9  | 460.1  |
| 65°    | 737.8  | 823.0  | 771.1  | 642.2  | 538.6  | 471.8  | 435.5  | 417.8  | 408.1  | 406.0  | 397.1  |
| 67.5°  | 600.5  | 665.3  | 627.5  | 532.7  | 451.1  | 393.5  | 362.7  | 347.6  | 340.2  | 339.4  | 332.7  |
| 70°    | 510.4  | 571.1  | 542.2  | 456.3  | 386.0  | 340.7  | 314.1  | 300.8  | 296.3  | 295.6  | 291.9  |
| 72.5°  | 440.5  | 482.9  | 459.9  | 388.1  | 333.8  | 292.8  | 273.1  | 259.3  | 254.2  | 255.2  | 252.8  |
| 75°    | 325.9  | 357.8  | 344.5  | 294.8  | 251.1  | 224.4  | 208.1  | 199.3  | 194.8  | 197.1  | 194.1  |
| 77.5°  | 234.5  | 254.7  | 242.7  | 208.3  | 181.3  | 162.1  | 150.1  | 144.6  | 140.6  | 140.4  | 139.1  |
| 80°    | 177.0  | 188.9  | 182.2  | 161.5  | 139.3  | 123.0  | 113.3  | 109.6  | 107.4  | 106.7  | 105.9  |
| 82.5°  | 126.1  | 136.2  | 128.3  | 114.0  | 99.0   | 89.2   | 83.7   | 78.8   | 77.2   | 77.7   | 76.9   |
| 85°    | 63.7   | 67.4   | 64.5   | 55.5   | 49.7   | 45.1   | 42.2   | 40.0   | 38.5   | 39.3   | 37.8   |
| 87.5°  | 23.2   | 23.6   | 21.6   | 19.1   | 17.8   | 15.8   | 15.6   | 14.3   | 13.3   | 13.5   | 13.0   |
| 90°    | 6.3    | 5.4    | 4.3    | 3.7    | 3.0    | 2.0    | 1.3    | 0.7    | 1.3    | 2.0    | 3.0    |
| 92.5°  | 42.3   | 28.0   | 19.2   | 14.3   | 11.5   | 9.0    | 6.1    | 4.1    | 6.1    | 9.0    | 11.5   |
| 95°    | 121.2  | 71.6   | 43.3   | 30.3   | 21.7   | 16.0   | 12.3   | 11.3   | 12.3   | 16.0   | 21.7   |
| 97.5°  | 133.0  | 77.1   | 50.0   | 36.0   | 27.4   | 22.5   | 19.6   | 19.3   | 19.6   | 22.5   | 27.4   |
| 100°   | 125.5  | 76.3   | 53.0   | 40.0   | 32.0   | 27.3   | 25.0   | 24.7   | 25.0   | 27.3   | 32.0   |
| 102.5° | 119.1  | 77.4   | 56.5   | 44.5   | 37.3   | 32.9   | 30.8   | 30.3   | 30.8   | 32.9   | 37.3   |
| 105°   | 114.6  | 80.3   | 62.3   | 51.9   | 45.6   | 41.7   | 39.7   | 38.6   | 39.7   | 41.7   | 45.6   |
| 107.5° | 114.2  | 85.8   | 69.9   | 60.3   | 54.4   | 50.5   | 48.5   | 47.6   | 48.5   | 50.5   | 54.4   |
| 110°   | 115.6  | 90.3   | 75.3   | 66.0   | 60.3   | 56.6   | 55.0   | 53.9   | 55.0   | 56.6   | 60.3   |

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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 118.3 | 94.8  | 80.9  | 71.8  | 66.2  | 62.5  | 60.8  | 59.9  | 60.8  | 62.5  | 66.2  |
| 115°   | 122.5 | 102.3 | 89.6  | 80.6  | 74.9  | 71.6  | 69.7  | 68.2  | 69.7  | 71.6  | 74.9  |
| 117.5° | 128.3 | 110.2 | 97.6  | 89.4  | 83.0  | 79.9  | 78.2  | 76.7  | 78.2  | 79.9  | 83.0  |
| 120°   | 132.5 | 115.3 | 103.2 | 94.9  | 88.6  | 85.3  | 83.6  | 82.6  | 83.6  | 85.3  | 88.6  |
| 122.5° | 136.6 | 120.6 | 108.9 | 100.0 | 94.0  | 90.3  | 88.7  | 87.7  | 88.7  | 90.3  | 94.0  |
| 125°   | 142.9 | 128.3 | 116.6 | 107.5 | 101.2 | 97.6  | 95.6  | 94.9  | 95.6  | 97.6  | 101.2 |
| 127.5° | 148.1 | 134.9 | 123.7 | 114.6 | 107.6 | 104.0 | 101.4 | 100.5 | 101.4 | 104.0 | 107.6 |
| 130°   | 151.6 | 138.9 | 127.9 | 118.9 | 111.9 | 107.9 | 104.9 | 104.0 | 104.9 | 107.9 | 111.9 |
| 132.5° | 154.8 | 142.3 | 131.7 | 122.9 | 115.9 | 111.1 | 107.8 | 106.6 | 107.8 | 111.1 | 115.9 |
| 135°   | 158.9 | 147.5 | 137.2 | 128.3 | 121.2 | 116.2 | 112.5 | 111.2 | 112.5 | 116.2 | 121.2 |
| 137.5° | 161.9 | 151.2 | 141.2 | 132.9 | 125.9 | 120.6 | 117.1 | 115.6 | 117.1 | 120.6 | 125.9 |
| 140°   | 163.5 | 153.5 | 143.9 | 135.5 | 128.9 | 123.6 | 120.3 | 118.6 | 120.3 | 123.6 | 128.9 |
| 142.5° | 165.1 | 155.4 | 146.0 | 138.3 | 131.6 | 126.8 | 123.2 | 121.8 | 123.2 | 126.8 | 131.6 |
| 145°   | 166.8 | 157.9 | 149.2 | 141.6 | 135.9 | 130.9 | 127.9 | 126.9 | 127.9 | 130.9 | 135.9 |
| 147.5° | 168.0 | 159.9 | 151.9 | 145.4 | 140.0 | 135.6 | 132.7 | 132.1 | 132.7 | 135.6 | 140.0 |
| 150°   | 168.2 | 161.2 | 153.5 | 147.5 | 142.9 | 138.6 | 135.9 | 135.5 | 135.9 | 138.6 | 142.9 |
| 152.5° | 168.7 | 162.0 | 155.4 | 149.7 | 145.5 | 141.8 | 139.1 | 139.0 | 139.1 | 141.8 | 145.5 |
| 155°   | 168.9 | 163.5 | 157.9 | 153.3 | 149.6 | 146.2 | 144.2 | 144.2 | 144.2 | 146.2 | 149.6 |
| 157.5° | 169.2 | 164.4 | 159.9 | 156.3 | 153.2 | 150.2 | 148.6 | 148.4 | 148.6 | 150.2 | 153.2 |
| 160°   | 169.2 | 165.2 | 161.2 | 157.9 | 155.5 | 152.9 | 151.6 | 151.6 | 151.6 | 152.9 | 155.5 |
| 162.5° | 168.9 | 165.5 | 162.0 | 159.2 | 157.1 | 155.0 | 153.9 | 153.9 | 153.9 | 155.0 | 157.1 |
| 165°   | 168.2 | 165.9 | 163.2 | 160.9 | 159.6 | 157.9 | 157.2 | 157.5 | 157.2 | 157.9 | 159.6 |
| 167.5° | 167.7 | 165.8 | 163.9 | 162.4 | 161.5 | 160.2 | 159.9 | 160.2 | 159.9 | 160.2 | 161.5 |
| 170°   | 166.8 | 165.5 | 163.9 | 163.2 | 162.5 | 161.6 | 161.2 | 161.8 | 161.2 | 161.6 | 162.5 |
| 172.5° | 166.6 | 165.5 | 164.1 | 163.7 | 163.3 | 162.6 | 162.5 | 163.0 | 162.5 | 162.6 | 163.3 |
| 175°   | 165.9 | 165.2 | 164.6 | 164.2 | 164.2 | 163.5 | 163.9 | 164.2 | 163.9 | 163.5 | 164.2 |
| 177.5° | 165.3 | 164.9 | 164.6 | 164.6 | 164.6 | 164.3 | 164.6 | 164.9 | 164.6 | 164.3 | 164.6 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1503.4 | 1499.3 | 1493.4 | 1484.5 | 1477.3 | 1466.1 | 1466.1 | 1467.9 | 1467.9 | 1467.4 | 1466.1 |
| 5°     | 1457.8 | 1446.7 | 1433.4 | 1417.9 | 1401.6 | 1385.3 | 1382.2 | 1376.3 | 1371.9 | 1368.9 | 1365.3 |
| 7.5°   | 1409.7 | 1390.0 | 1370.6 | 1348.8 | 1328.9 | 1312.5 | 1301.1 | 1291.6 | 1285.5 | 1279.0 | 1274.2 |
| 10°    | 1377.1 | 1352.6 | 1329.6 | 1306.7 | 1281.5 | 1261.5 | 1249.0 | 1240.0 | 1233.4 | 1227.5 | 1224.5 |
| 12.5°  | 1338.6 | 1310.6 | 1285.3 | 1263.5 | 1235.9 | 1215.3 | 1203.3 | 1199.1 | 1191.3 | 1178.8 | 1172.3 |
| 15°    | 1282.2 | 1256.3 | 1226.0 | 1192.6 | 1179.3 | 1154.1 | 1140.0 | 1133.4 | 1128.9 | 1119.3 | 1116.3 |
| 17.5°  | 1234.1 | 1200.1 | 1166.1 | 1141.2 | 1116.4 | 1096.0 | 1088.2 | 1079.9 | 1073.9 | 1066.1 | 1063.8 |
| 20°    | 1195.6 | 1165.3 | 1134.1 | 1107.5 | 1081.5 | 1059.3 | 1052.6 | 1046.7 | 1040.8 | 1037.1 | 1034.1 |
| 22.5°  | 1156.5 | 1126.1 | 1100.3 | 1075.4 | 1047.7 | 1033.2 | 1026.0 | 1019.5 | 1015.3 | 1012.8 | 1009.8 |
| 25°    | 1101.5 | 1074.9 | 1045.9 | 1023.7 | 1001.5 | 991.8  | 987.4  | 983.7  | 980.8  | 977.0  | 976.3  |
| 27.5°  | 1052.3 | 1023.3 | 999.8  | 979.1  | 963.2  | 955.2  | 950.8  | 949.0  | 949.7  | 951.0  | 951.9  |
| 30°    | 1015.6 | 988.9  | 969.7  | 951.9  | 937.1  | 929.6  | 928.9  | 928.9  | 931.9  | 932.6  | 934.1  |
| 32.5°  | 981.8  | 959.9  | 940.7  | 923.4  | 912.2  | 907.1  | 909.9  | 909.9  | 912.3  | 914.3  | 916.9  |
| 35°    | 932.6  | 913.3  | 898.5  | 883.7  | 874.1  | 876.3  | 877.8  | 879.3  | 883.0  | 887.4  | 890.4  |
| 37.5°  | 885.6  | 868.9  | 853.5  | 842.0  | 837.5  | 841.5  | 845.1  | 848.2  | 852.4  | 855.9  | 858.8  |
| 40°    | 851.9  | 839.2  | 824.4  | 814.1  | 815.6  | 817.8  | 820.8  | 824.4  | 828.2  | 830.4  | 833.4  |
| 42.5°  | 820.5  | 807.3  | 796.1  | 787.4  | 789.5  | 792.3  | 794.1  | 796.1  | 800.3  | 804.4  | 806.1  |
| 45°    | 772.6  | 762.2  | 751.9  | 746.7  | 748.2  | 749.7  | 751.1  | 753.4  | 757.1  | 760.1  | 760.7  |
| 47.5°  | 718.9  | 711.6  | 704.6  | 699.6  | 701.9  | 701.3  | 703.3  | 708.0  | 709.2  | 711.0  | 715.1  |
| 50°    | 684.5  | 677.8  | 669.7  | 668.2  | 668.2  | 668.2  | 668.9  | 674.9  | 674.9  | 677.8  | 680.8  |
| 52.5°  | 646.6  | 642.2  | 637.1  | 634.4  | 633.2  | 633.2  | 636.3  | 639.3  | 640.5  | 644.6  | 647.6  |
| 55°    | 590.4  | 586.0  | 581.5  | 579.3  | 577.8  | 579.3  | 585.2  | 586.6  | 590.4  | 592.6  | 594.8  |
| 57.5°  | 531.9  | 528.5  | 524.9  | 523.7  | 523.4  | 525.4  | 528.6  | 533.0  | 534.0  | 540.7  | 544.1  |
| 60°    | 493.3  | 488.1  | 485.2  | 485.2  | 483.7  | 490.4  | 488.9  | 496.3  | 497.8  | 502.3  | 507.5  |
| 62.5°  | 453.6  | 446.7  | 445.5  | 445.5  | 447.6  | 449.5  | 451.6  | 454.9  | 458.6  | 464.3  | 468.3  |
| 65°    | 389.6  | 386.0  | 391.2  | 390.4  | 388.9  | 393.3  | 393.3  | 397.1  | 401.5  | 406.7  | 414.8  |
| 67.5°  | 329.0  | 327.2  | 327.5  | 327.5  | 329.8  | 332.3  | 334.4  | 337.6  | 343.0  | 348.5  | 353.8  |
| 70°    | 288.1  | 290.4  | 286.7  | 289.6  | 291.9  | 292.6  | 294.1  | 298.5  | 304.4  | 308.1  | 314.1  |
| 72.5°  | 248.5  | 248.3  | 248.7  | 250.0  | 252.1  | 253.4  | 255.0  | 260.0  | 266.6  | 269.7  | 274.4  |
| 75°    | 191.1  | 190.4  | 192.6  | 192.6  | 196.3  | 197.7  | 199.3  | 201.5  | 207.5  | 211.9  | 215.6  |
| 77.5°  | 139.6  | 140.4  | 140.0  | 142.5  | 141.5  | 141.8  | 146.4  | 148.6  | 149.2  | 158.0  | 159.9  |
| 80°    | 105.2  | 106.7  | 107.4  | 108.1  | 108.9  | 107.4  | 112.6  | 114.8  | 114.8  | 120.0  | 123.7  |
| 82.5°  | 75.6   | 76.4   | 78.4   | 79.1   | 79.3   | 80.8   | 81.2   | 82.8   | 84.6   | 86.8   | 91.7   |
| 85°    | 37.8   | 40.0   | 40.7   | 40.0   | 40.7   | 39.3   | 41.5   | 42.2   | 43.0   | 43.0   | 43.0   |
| 87.5°  | 12.6   | 13.3   | 12.9   | 13.7   | 13.3   | 14.1   | 14.0   | 12.9   | 13.0   | 14.8   | 12.6   |
| 90°    | 3.7    | 4.3    | 5.4    | 6.3    | 7.4    | 8.3    | 8.0    | 8.3    | 8.7    | 9.0    | 9.6    |
| 92.5°  | 14.3   | 19.2   | 28.0   | 42.3   | 56.4   | 51.2   | 38.6   | 28.1   | 22.2   | 19.6   | 17.9   |
| 95°    | 30.3   | 43.3   | 71.6   | 121.2  | 175.9  | 197.6  | 160.2  | 119.9  | 81.2   | 63.6   | 51.7   |
| 97.5°  | 36.0   | 50.0   | 77.1   | 133.0  | 224.1  | 306.1  | 327.4  | 298.9  | 239.4  | 196.4  | 156.7  |
| 100°   | 40.0   | 53.0   | 76.3   | 125.5  | 213.2  | 315.5  | 381.1  | 392.7  | 365.7  | 326.8  | 279.5  |
| 102.5° | 44.5   | 56.5   | 77.4   | 119.1  | 197.2  | 298.1  | 383.7  | 423.9  | 423.0  | 400.3  | 370.3  |
| 105°   | 51.9   | 62.3   | 80.3   | 114.6  | 177.6  | 267.8  | 363.4  | 433.0  | 466.3  | 472.6  | 464.0  |
| 107.5° | 60.3   | 69.9   | 85.8   | 114.2  | 165.0  | 241.0  | 327.8  | 406.7  | 460.8  | 490.0  | 501.9  |
| 110°   | 66.0   | 75.3   | 90.3   | 115.6  | 160.2  | 225.8  | 305.5  | 381.7  | 443.0  | 484.9  | 508.3  |

TEST NUMBER: P332047-830

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**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 71.8  | 80.9  | 94.8  | 118.3 | 157.5 | 215.7 | 286.0 | 356.9 | 419.5 | 466.6 | 496.5 |
| 115°   | 80.6  | 89.6  | 102.3 | 122.5 | 156.6 | 204.8 | 262.5 | 324.0 | 382.0 | 431.0 | 467.3 |
| 117.5° | 89.4  | 97.6  | 110.2 | 128.3 | 157.1 | 198.4 | 248.3 | 300.3 | 350.3 | 394.3 | 431.1 |
| 120°   | 94.9  | 103.2 | 115.3 | 132.5 | 158.3 | 195.5 | 240.8 | 287.8 | 332.7 | 372.7 | 406.3 |
| 122.5° | 100.0 | 108.9 | 120.6 | 136.6 | 160.0 | 193.7 | 234.7 | 278.0 | 318.6 | 355.6 | 386.9 |
| 125°   | 107.5 | 116.6 | 128.3 | 142.9 | 162.9 | 191.1 | 226.9 | 264.8 | 301.1 | 333.1 | 359.8 |
| 127.5° | 114.6 | 123.7 | 134.9 | 148.1 | 166.1 | 190.0 | 219.9 | 253.4 | 285.7 | 314.5 | 338.8 |
| 130°   | 118.9 | 127.9 | 138.9 | 151.6 | 168.2 | 189.2 | 216.1 | 246.1 | 276.2 | 303.1 | 325.7 |
| 132.5° | 122.9 | 131.7 | 142.3 | 154.8 | 169.8 | 188.9 | 212.7 | 239.5 | 267.0 | 292.2 | 313.8 |
| 135°   | 128.3 | 137.2 | 147.5 | 158.9 | 172.2 | 188.5 | 208.2 | 230.5 | 254.1 | 275.8 | 294.7 |
| 137.5° | 132.9 | 141.2 | 151.2 | 161.9 | 173.8 | 187.8 | 204.2 | 222.3 | 241.7 | 260.3 | 276.8 |
| 140°   | 135.5 | 143.9 | 153.5 | 163.5 | 174.8 | 187.6 | 201.8 | 217.5 | 234.5 | 250.4 | 264.8 |
| 142.5° | 138.3 | 146.0 | 155.4 | 165.1 | 175.7 | 187.0 | 199.7 | 213.0 | 227.5 | 241.4 | 253.8 |
| 145°   | 141.6 | 149.2 | 157.9 | 166.8 | 176.2 | 186.2 | 196.8 | 207.5 | 218.5 | 229.1 | 238.8 |
| 147.5° | 145.4 | 151.9 | 159.9 | 168.0 | 176.2 | 184.9 | 194.1 | 203.0 | 211.8 | 220.4 | 227.2 |
| 150°   | 147.5 | 153.5 | 161.2 | 168.2 | 176.2 | 183.9 | 192.2 | 199.8 | 207.5 | 214.5 | 220.8 |
| 152.5° | 149.7 | 155.4 | 162.0 | 168.7 | 175.4 | 182.6 | 190.0 | 196.9 | 203.5 | 209.7 | 215.0 |
| 155°   | 153.3 | 157.9 | 163.5 | 168.9 | 174.6 | 180.2 | 186.8 | 192.6 | 197.8 | 202.8 | 206.8 |
| 157.5° | 156.3 | 159.9 | 164.4 | 169.2 | 173.4 | 178.1 | 183.2 | 187.8 | 192.3 | 196.1 | 199.3 |
| 160°   | 157.9 | 161.2 | 165.2 | 169.2 | 172.9 | 176.5 | 180.9 | 185.2 | 188.9 | 192.2 | 194.5 |
| 162.5° | 159.2 | 162.0 | 165.5 | 168.9 | 171.8 | 174.9 | 178.4 | 182.0 | 185.1 | 188.2 | 190.3 |
| 165°   | 160.9 | 163.2 | 165.9 | 168.2 | 170.2 | 172.6 | 175.2 | 177.9 | 179.8 | 182.2 | 183.9 |
| 167.5° | 162.4 | 163.9 | 165.8 | 167.7 | 168.6 | 170.1 | 172.1 | 174.3 | 175.8 | 177.1 | 178.3 |
| 170°   | 163.2 | 163.9 | 165.5 | 166.8 | 167.6 | 168.5 | 170.2 | 171.8 | 172.9 | 174.2 | 174.8 |
| 172.5° | 163.7 | 164.1 | 165.5 | 166.6 | 166.7 | 167.2 | 168.3 | 169.8 | 170.5 | 171.5 | 171.9 |
| 175°   | 164.2 | 164.6 | 165.2 | 165.9 | 165.5 | 165.5 | 166.2 | 166.8 | 167.2 | 167.9 | 167.9 |
| 177.5° | 164.6 | 164.6 | 164.9 | 165.3 | 164.9 | 164.6 | 164.9 | 165.0 | 165.3 | 165.6 | 165.6 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1462.0 | 1461.4 | 1465.6 | 1462.5 | 1465.6 | 1461.4 | 1462.0 | 1466.1 | 1467.4 | 1467.9 | 1467.9 |
| 5°     | 1360.7 | 1363.0 | 1355.6 | 1355.6 | 1355.6 | 1363.0 | 1360.7 | 1365.3 | 1368.9 | 1371.9 | 1376.3 |
| 7.5°   | 1270.7 | 1267.4 | 1267.7 | 1263.8 | 1267.7 | 1267.4 | 1270.7 | 1274.2 | 1279.0 | 1285.5 | 1291.6 |
| 10°    | 1215.6 | 1211.2 | 1209.7 | 1210.4 | 1209.7 | 1211.2 | 1215.6 | 1224.5 | 1227.5 | 1233.4 | 1240.0 |
| 12.5°  | 1170.0 | 1169.0 | 1159.3 | 1159.4 | 1159.3 | 1169.0 | 1170.0 | 1172.3 | 1178.8 | 1191.3 | 1199.1 |
| 15°    | 1116.3 | 1102.3 | 1100.8 | 1105.2 | 1100.8 | 1102.3 | 1116.3 | 1116.3 | 1119.3 | 1128.9 | 1133.4 |
| 17.5°  | 1062.5 | 1055.2 | 1055.6 | 1053.4 | 1055.6 | 1055.2 | 1062.5 | 1063.8 | 1066.1 | 1073.9 | 1079.9 |
| 20°    | 1034.1 | 1029.6 | 1028.9 | 1023.7 | 1028.9 | 1029.6 | 1034.1 | 1034.1 | 1037.1 | 1040.8 | 1046.7 |
| 22.5°  | 1008.0 | 1006.5 | 1007.0 | 1001.3 | 1007.0 | 1006.5 | 1008.0 | 1009.8 | 1012.8 | 1015.3 | 1019.5 |
| 25°    | 975.6  | 979.3  | 976.3  | 976.3  | 976.3  | 979.3  | 975.6  | 976.3  | 977.0  | 980.8  | 983.7  |
| 27.5°  | 953.7  | 953.5  | 952.1  | 952.1  | 952.1  | 953.5  | 953.7  | 951.9  | 951.0  | 949.7  | 949.0  |
| 30°    | 937.1  | 936.3  | 937.8  | 937.8  | 937.8  | 936.3  | 937.1  | 934.1  | 932.6  | 931.9  | 928.9  |
| 32.5°  | 920.5  | 921.5  | 921.8  | 922.4  | 921.8  | 921.5  | 920.5  | 916.9  | 914.3  | 912.3  | 909.9  |
| 35°    | 894.8  | 895.6  | 897.8  | 896.4  | 897.8  | 895.6  | 894.8  | 890.4  | 887.4  | 883.0  | 879.3  |
| 37.5°  | 860.2  | 863.6  | 862.8  | 864.0  | 862.8  | 863.6  | 860.2  | 858.8  | 855.9  | 852.4  | 848.2  |
| 40°    | 834.1  | 836.3  | 835.6  | 835.6  | 835.6  | 836.3  | 834.1  | 833.4  | 830.4  | 828.2  | 824.4  |
| 42.5°  | 807.5  | 809.1  | 807.1  | 806.0  | 807.1  | 809.1  | 807.5  | 806.1  | 804.4  | 800.3  | 796.1  |
| 45°    | 763.7  | 762.2  | 764.5  | 761.5  | 764.5  | 762.2  | 763.7  | 760.7  | 760.1  | 757.1  | 753.4  |
| 47.5°  | 714.8  | 716.3  | 716.9  | 719.2  | 716.9  | 716.3  | 714.8  | 715.1  | 711.0  | 709.2  | 708.0  |
| 50°    | 682.2  | 686.6  | 686.6  | 686.0  | 686.6  | 686.6  | 682.2  | 680.8  | 677.8  | 674.9  | 674.9  |
| 52.5°  | 650.3  | 652.3  | 655.3  | 655.2  | 655.3  | 652.3  | 650.3  | 647.6  | 644.6  | 640.5  | 639.3  |
| 55°    | 600.8  | 602.3  | 603.7  | 604.5  | 603.7  | 602.3  | 600.8  | 594.8  | 592.6  | 590.4  | 586.6  |
| 57.5°  | 549.5  | 548.9  | 552.4  | 553.5  | 552.4  | 548.9  | 549.5  | 544.1  | 540.7  | 534.0  | 533.0  |
| 60°    | 513.3  | 513.3  | 519.2  | 521.5  | 519.2  | 513.3  | 513.3  | 507.5  | 502.3  | 497.8  | 496.3  |
| 62.5°  | 474.9  | 477.2  | 483.1  | 480.0  | 483.1  | 477.2  | 474.9  | 468.3  | 464.3  | 458.6  | 454.9  |
| 65°    | 418.5  | 424.4  | 423.7  | 426.7  | 423.7  | 424.4  | 418.5  | 414.8  | 406.7  | 401.5  | 397.1  |
| 67.5°  | 359.7  | 363.4  | 368.7  | 369.2  | 368.7  | 363.4  | 359.7  | 353.8  | 348.5  | 343.0  | 337.6  |
| 70°    | 320.0  | 323.7  | 326.7  | 328.9  | 326.7  | 323.7  | 320.0  | 314.1  | 308.1  | 304.4  | 298.5  |
| 72.5°  | 281.5  | 283.4  | 290.5  | 287.4  | 290.5  | 283.4  | 281.5  | 274.4  | 269.7  | 266.6  | 260.0  |
| 75°    | 220.7  | 225.9  | 230.4  | 228.2  | 230.4  | 225.9  | 220.7  | 215.6  | 211.9  | 207.5  | 201.5  |
| 77.5°  | 163.2  | 168.4  | 170.5  | 168.6  | 170.5  | 168.4  | 163.2  | 159.9  | 158.0  | 149.2  | 148.6  |
| 80°    | 128.9  | 128.2  | 132.6  | 131.9  | 132.6  | 128.2  | 128.9  | 123.7  | 120.0  | 114.8  | 114.8  |
| 82.5°  | 94.5   | 93.8   | 95.9   | 96.3   | 95.9   | 93.8   | 94.5   | 91.7   | 86.8   | 84.6   | 82.8   |
| 85°    | 45.9   | 48.2   | 45.1   | 44.5   | 45.1   | 48.2   | 45.9   | 43.0   | 43.0   | 43.0   | 42.2   |
| 87.5°  | 12.5   | 12.6   | 12.1   | 11.4   | 12.1   | 12.6   | 12.5   | 12.6   | 14.8   | 13.0   | 12.9   |
| 90°    | 9.3    | 9.6    | 10.0   | 9.6    | 10.0   | 9.6    | 9.3    | 9.6    | 9.0    | 8.7    | 8.3    |
| 92.5°  | 17.3   | 16.3   | 16.7   | 16.0   | 16.7   | 16.3   | 17.3   | 17.9   | 19.6   | 22.2   | 28.1   |
| 95°    | 45.3   | 42.3   | 40.0   | 38.6   | 40.0   | 42.3   | 45.3   | 51.7   | 63.6   | 81.2   | 119.9  |
| 97.5°  | 132.1  | 117.1  | 108.0  | 105.2  | 108.0  | 117.1  | 132.1  | 156.7  | 196.4  | 239.4  | 298.9  |
| 100°   | 245.8  | 221.5  | 208.5  | 208.9  | 208.5  | 221.5  | 245.8  | 279.5  | 326.8  | 365.7  | 392.7  |
| 102.5° | 344.1  | 324.9  | 314.1  | 306.3  | 314.1  | 324.9  | 344.1  | 370.3  | 400.3  | 423.0  | 423.9  |
| 105°   | 448.7  | 436.0  | 425.4  | 423.7  | 425.4  | 436.0  | 448.7  | 464.0  | 472.6  | 466.3  | 433.0  |
| 107.5° | 502.2  | 497.9  | 494.3  | 491.3  | 494.3  | 497.9  | 502.2  | 501.9  | 490.0  | 460.8  | 406.7  |
| 110°   | 517.6  | 520.3  | 519.6  | 519.0  | 519.6  | 520.3  | 517.6  | 508.3  | 484.9  | 443.0  | 381.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 513.6 | 521.9 | 524.4 | 524.5 | 524.4 | 521.9 | 513.6 | 496.5 | 466.6 | 419.5 | 356.9 |
| 115°   | 492.3 | 506.9 | 513.6 | 515.3 | 513.6 | 506.9 | 492.3 | 467.3 | 431.0 | 382.0 | 324.0 |
| 117.5° | 457.2 | 474.0 | 483.5 | 485.8 | 483.5 | 474.0 | 457.2 | 431.1 | 394.3 | 350.3 | 300.3 |
| 120°   | 432.6 | 451.3 | 459.3 | 461.3 | 459.3 | 451.3 | 432.6 | 406.3 | 372.7 | 332.7 | 287.8 |
| 122.5° | 410.3 | 427.1 | 435.8 | 438.4 | 435.8 | 427.1 | 410.3 | 386.9 | 355.6 | 318.6 | 278.0 |
| 125°   | 381.1 | 395.7 | 404.1 | 406.3 | 404.1 | 395.7 | 381.1 | 359.8 | 333.1 | 301.1 | 264.8 |
| 127.5° | 357.8 | 370.3 | 377.9 | 379.9 | 377.9 | 370.3 | 357.8 | 338.8 | 314.5 | 285.7 | 253.4 |
| 130°   | 343.4 | 355.4 | 362.4 | 365.0 | 362.4 | 355.4 | 343.4 | 325.7 | 303.1 | 276.2 | 246.1 |
| 132.5° | 330.4 | 342.3 | 348.6 | 350.4 | 348.6 | 342.3 | 330.4 | 313.8 | 292.2 | 267.0 | 239.5 |
| 135°   | 311.1 | 321.1 | 327.1 | 329.4 | 327.1 | 321.1 | 311.1 | 294.7 | 275.8 | 254.1 | 230.5 |
| 137.5° | 290.5 | 300.7 | 305.7 | 307.3 | 305.7 | 300.7 | 290.5 | 276.8 | 260.3 | 241.7 | 222.3 |
| 140°   | 277.5 | 286.8 | 292.1 | 291.8 | 292.1 | 286.8 | 277.5 | 264.8 | 250.4 | 234.5 | 217.5 |
| 142.5° | 264.7 | 273.0 | 277.7 | 277.4 | 277.7 | 273.0 | 264.7 | 253.8 | 241.4 | 227.5 | 213.0 |
| 145°   | 247.1 | 254.1 | 256.8 | 257.5 | 256.8 | 254.1 | 247.1 | 238.8 | 229.1 | 218.5 | 207.5 |
| 147.5° | 233.6 | 238.3 | 240.8 | 241.1 | 240.8 | 238.3 | 233.6 | 227.2 | 220.4 | 211.8 | 203.0 |
| 150°   | 225.8 | 229.5 | 231.5 | 231.5 | 231.5 | 229.5 | 225.8 | 220.8 | 214.5 | 207.5 | 199.8 |
| 152.5° | 218.9 | 222.3 | 223.5 | 223.5 | 223.5 | 222.3 | 218.9 | 215.0 | 209.7 | 203.5 | 196.9 |
| 155°   | 209.8 | 212.5 | 213.2 | 213.5 | 213.2 | 212.5 | 209.8 | 206.8 | 202.8 | 197.8 | 192.6 |
| 157.5° | 201.9 | 203.9 | 204.4 | 204.3 | 204.4 | 203.9 | 201.9 | 199.3 | 196.1 | 192.3 | 187.8 |
| 160°   | 196.8 | 198.9 | 198.9 | 198.5 | 198.9 | 198.9 | 196.8 | 194.5 | 192.2 | 188.9 | 185.2 |
| 162.5° | 191.8 | 193.5 | 193.5 | 193.2 | 193.5 | 193.5 | 191.8 | 190.3 | 188.2 | 185.1 | 182.0 |
| 165°   | 185.2 | 186.5 | 186.2 | 186.2 | 186.2 | 186.5 | 185.2 | 183.9 | 182.2 | 179.8 | 177.9 |
| 167.5° | 178.9 | 179.8 | 179.6 | 179.6 | 179.6 | 179.8 | 178.9 | 178.3 | 177.1 | 175.8 | 174.3 |
| 170°   | 175.2 | 175.9 | 175.5 | 175.5 | 175.5 | 175.9 | 175.2 | 174.8 | 174.2 | 172.9 | 171.8 |
| 172.5° | 172.0 | 172.7 | 172.1 | 171.8 | 172.1 | 172.7 | 172.0 | 171.9 | 171.5 | 170.5 | 169.8 |
| 175°   | 167.9 | 168.2 | 167.9 | 167.6 | 167.9 | 168.2 | 167.9 | 167.9 | 167.9 | 167.2 | 166.8 |
| 177.5° | 165.3 | 165.6 | 165.0 | 165.0 | 165.0 | 165.6 | 165.3 | 165.6 | 165.6 | 165.3 | 165.0 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1466.1 | 1466.1 | 1477.3 | 1484.5 | 1493.4 | 1499.3 | 1503.4 | 1507.6 | 1514.8 | 1524.2 | 1534.8 |
| 5°     | 1382.2 | 1385.3 | 1401.6 | 1417.9 | 1433.4 | 1446.7 | 1457.8 | 1471.1 | 1487.4 | 1507.4 | 1529.7 |
| 7.5°   | 1301.1 | 1312.5 | 1328.9 | 1348.8 | 1370.6 | 1390.0 | 1409.7 | 1431.6 | 1454.5 | 1484.0 | 1515.1 |
| 10°    | 1249.0 | 1261.5 | 1281.5 | 1306.7 | 1329.6 | 1352.6 | 1377.1 | 1400.8 | 1429.6 | 1464.5 | 1504.5 |
| 12.5°  | 1203.3 | 1215.3 | 1235.9 | 1263.5 | 1285.3 | 1310.6 | 1338.6 | 1369.4 | 1401.8 | 1443.8 | 1489.1 |
| 15°    | 1140.0 | 1154.1 | 1179.3 | 1192.6 | 1226.0 | 1256.3 | 1282.2 | 1326.7 | 1368.2 | 1411.2 | 1463.8 |
| 17.5°  | 1088.2 | 1096.0 | 1116.4 | 1141.2 | 1166.1 | 1200.1 | 1234.1 | 1271.1 | 1312.5 | 1365.1 | 1430.9 |
| 20°    | 1052.6 | 1059.3 | 1081.5 | 1107.5 | 1134.1 | 1165.3 | 1195.6 | 1232.7 | 1279.3 | 1334.8 | 1406.0 |
| 22.5°  | 1026.0 | 1033.2 | 1047.7 | 1075.4 | 1100.3 | 1126.1 | 1156.5 | 1200.6 | 1250.3 | 1304.7 | 1381.7 |
| 25°    | 987.4  | 991.8  | 1001.5 | 1023.7 | 1045.9 | 1074.9 | 1101.5 | 1143.0 | 1194.1 | 1257.8 | 1334.8 |
| 27.5°  | 950.8  | 955.2  | 963.2  | 979.1  | 999.8  | 1023.3 | 1052.3 | 1087.6 | 1139.4 | 1208.6 | 1290.4 |
| 30°    | 928.9  | 929.6  | 937.1  | 951.9  | 969.7  | 988.9  | 1015.6 | 1055.6 | 1104.5 | 1174.9 | 1260.7 |
| 32.5°  | 909.9  | 907.1  | 912.2  | 923.4  | 940.7  | 959.9  | 981.8  | 1021.2 | 1068.4 | 1137.6 | 1225.8 |
| 35°    | 877.8  | 876.3  | 874.1  | 883.7  | 898.5  | 913.3  | 932.6  | 962.2  | 1015.6 | 1080.1 | 1172.6 |
| 37.5°  | 845.1  | 841.5  | 837.5  | 842.0  | 853.5  | 868.9  | 885.6  | 912.0  | 958.0  | 1028.9 | 1117.5 |
| 40°    | 820.8  | 817.8  | 815.6  | 814.1  | 824.4  | 839.2  | 851.9  | 877.0  | 920.0  | 987.4  | 1074.9 |
| 42.5°  | 794.1  | 792.3  | 789.5  | 787.4  | 796.1  | 807.3  | 820.5  | 842.7  | 885.6  | 949.0  | 1031.6 |
| 45°    | 751.1  | 749.7  | 748.2  | 746.7  | 751.9  | 762.2  | 772.6  | 788.9  | 826.0  | 887.4  | 962.2  |
| 47.5°  | 703.3  | 701.3  | 701.9  | 699.6  | 704.6  | 711.6  | 718.9  | 736.3  | 771.8  | 821.5  | 876.2  |
| 50°    | 668.9  | 668.2  | 668.2  | 668.2  | 669.7  | 677.8  | 684.5  | 697.8  | 730.4  | 780.0  | 819.3  |
| 52.5°  | 636.3  | 633.2  | 633.2  | 634.4  | 637.1  | 642.2  | 646.6  | 661.1  | 689.5  | 730.3  | 765.9  |
| 55°    | 585.2  | 579.3  | 577.8  | 579.3  | 581.5  | 586.0  | 590.4  | 602.3  | 626.7  | 657.0  | 677.8  |
| 57.5°  | 528.6  | 525.4  | 523.4  | 523.7  | 524.9  | 528.5  | 531.9  | 544.8  | 564.0  | 579.9  | 593.2  |
| 60°    | 488.9  | 490.4  | 483.7  | 485.2  | 485.2  | 488.1  | 493.3  | 501.5  | 517.8  | 528.9  | 542.2  |
| 62.5°  | 451.6  | 449.5  | 447.6  | 445.5  | 445.5  | 446.7  | 453.6  | 460.1  | 473.9  | 479.8  | 490.1  |
| 65°    | 393.3  | 393.3  | 388.9  | 390.4  | 391.2  | 386.0  | 389.6  | 397.1  | 406.0  | 408.1  | 417.8  |
| 67.5°  | 334.4  | 332.3  | 329.8  | 327.5  | 327.5  | 327.2  | 329.0  | 332.7  | 339.4  | 340.2  | 347.6  |
| 70°    | 294.1  | 292.6  | 291.9  | 289.6  | 286.7  | 290.4  | 288.1  | 291.9  | 295.6  | 296.3  | 300.8  |
| 72.5°  | 255.0  | 253.4  | 252.1  | 250.0  | 248.7  | 248.3  | 248.5  | 252.8  | 255.2  | 254.2  | 259.3  |
| 75°    | 199.3  | 197.7  | 196.3  | 192.6  | 192.6  | 190.4  | 191.1  | 194.1  | 197.1  | 194.8  | 199.3  |
| 77.5°  | 146.4  | 141.8  | 141.5  | 142.5  | 140.0  | 140.4  | 139.6  | 139.1  | 140.4  | 140.6  | 144.6  |
| 80°    | 112.6  | 107.4  | 108.9  | 108.1  | 107.4  | 106.7  | 105.2  | 105.9  | 106.7  | 107.4  | 109.6  |
| 82.5°  | 81.2   | 80.8   | 79.3   | 79.1   | 78.4   | 76.4   | 75.6   | 76.9   | 77.7   | 77.2   | 78.8   |
| 85°    | 41.5   | 39.3   | 40.7   | 40.0   | 40.7   | 40.0   | 37.8   | 37.8   | 39.3   | 38.5   | 40.0   |
| 87.5°  | 14.0   | 14.1   | 13.3   | 13.7   | 12.9   | 13.3   | 12.6   | 13.0   | 13.5   | 13.3   | 14.3   |
| 90°    | 8.0    | 8.3    | 7.4    | 6.3    | 5.4    | 4.3    | 3.7    | 3.0    | 2.0    | 1.3    | 0.7    |
| 92.5°  | 38.6   | 51.2   | 56.4   | 42.3   | 28.0   | 19.2   | 14.3   | 11.5   | 9.0    | 6.1    | 4.1    |
| 95°    | 160.2  | 197.6  | 175.9  | 121.2  | 71.6   | 43.3   | 30.3   | 21.7   | 16.0   | 12.3   | 11.3   |
| 97.5°  | 327.4  | 306.1  | 224.1  | 133.0  | 77.1   | 50.0   | 36.0   | 27.4   | 22.5   | 19.6   | 19.3   |
| 100°   | 381.1  | 315.5  | 213.2  | 125.5  | 76.3   | 53.0   | 40.0   | 32.0   | 27.3   | 25.0   | 24.7   |
| 102.5° | 383.7  | 298.1  | 197.2  | 119.1  | 77.4   | 56.5   | 44.5   | 37.3   | 32.9   | 30.8   | 30.3   |
| 105°   | 363.4  | 267.8  | 177.6  | 114.6  | 80.3   | 62.3   | 51.9   | 45.6   | 41.7   | 39.7   | 38.6   |
| 107.5° | 327.8  | 241.0  | 165.0  | 114.2  | 85.8   | 69.9   | 60.3   | 54.4   | 50.5   | 48.5   | 47.6   |
| 110°   | 305.5  | 225.8  | 160.2  | 115.6  | 90.3   | 75.3   | 66.0   | 60.3   | 56.6   | 55.0   | 53.9   |

TEST NUMBER: P332047-830

CATALOG NUMBER: S123DIP-S1165D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.0 | 215.7 | 157.5 | 118.3 | 94.8  | 80.9  | 71.8  | 66.2  | 62.5  | 60.8  | 59.9  |
| 115°   | 262.5 | 204.8 | 156.6 | 122.5 | 102.3 | 89.6  | 80.6  | 74.9  | 71.6  | 69.7  | 68.2  |
| 117.5° | 248.3 | 198.4 | 157.1 | 128.3 | 110.2 | 97.6  | 89.4  | 83.0  | 79.9  | 78.2  | 76.7  |
| 120°   | 240.8 | 195.5 | 158.3 | 132.5 | 115.3 | 103.2 | 94.9  | 88.6  | 85.3  | 83.6  | 82.6  |
| 122.5° | 234.7 | 193.7 | 160.0 | 136.6 | 120.6 | 108.9 | 100.0 | 94.0  | 90.3  | 88.7  | 87.7  |
| 125°   | 226.9 | 191.1 | 162.9 | 142.9 | 128.3 | 116.6 | 107.5 | 101.2 | 97.6  | 95.6  | 94.9  |
| 127.5° | 219.9 | 190.0 | 166.1 | 148.1 | 134.9 | 123.7 | 114.6 | 107.6 | 104.0 | 101.4 | 100.5 |
| 130°   | 216.1 | 189.2 | 168.2 | 151.6 | 138.9 | 127.9 | 118.9 | 111.9 | 107.9 | 104.9 | 104.0 |
| 132.5° | 212.7 | 188.9 | 169.8 | 154.8 | 142.3 | 131.7 | 122.9 | 115.9 | 111.1 | 107.8 | 106.6 |
| 135°   | 208.2 | 188.5 | 172.2 | 158.9 | 147.5 | 137.2 | 128.3 | 121.2 | 116.2 | 112.5 | 111.2 |
| 137.5° | 204.2 | 187.8 | 173.8 | 161.9 | 151.2 | 141.2 | 132.9 | 125.9 | 120.6 | 117.1 | 115.6 |
| 140°   | 201.8 | 187.6 | 174.8 | 163.5 | 153.5 | 143.9 | 135.5 | 128.9 | 123.6 | 120.3 | 118.6 |
| 142.5° | 199.7 | 187.0 | 175.7 | 165.1 | 155.4 | 146.0 | 138.3 | 131.6 | 126.8 | 123.2 | 121.8 |
| 145°   | 196.8 | 186.2 | 176.2 | 166.8 | 157.9 | 149.2 | 141.6 | 135.9 | 130.9 | 127.9 | 126.9 |
| 147.5° | 194.1 | 184.9 | 176.2 | 168.0 | 159.9 | 151.9 | 145.4 | 140.0 | 135.6 | 132.7 | 132.1 |
| 150°   | 192.2 | 183.9 | 176.2 | 168.2 | 161.2 | 153.5 | 147.5 | 142.9 | 138.6 | 135.9 | 135.5 |
| 152.5° | 190.0 | 182.6 | 175.4 | 168.7 | 162.0 | 155.4 | 149.7 | 145.5 | 141.8 | 139.1 | 139.0 |
| 155°   | 186.8 | 180.2 | 174.6 | 168.9 | 163.5 | 157.9 | 153.3 | 149.6 | 146.2 | 144.2 | 144.2 |
| 157.5° | 183.2 | 178.1 | 173.4 | 169.2 | 164.4 | 159.9 | 156.3 | 153.2 | 150.2 | 148.6 | 148.4 |
| 160°   | 180.9 | 176.5 | 172.9 | 169.2 | 165.2 | 161.2 | 157.9 | 155.5 | 152.9 | 151.6 | 151.6 |
| 162.5° | 178.4 | 174.9 | 171.8 | 168.9 | 165.5 | 162.0 | 159.2 | 157.1 | 155.0 | 153.9 | 153.9 |
| 165°   | 175.2 | 172.6 | 170.2 | 168.2 | 165.9 | 163.2 | 160.9 | 159.6 | 157.9 | 157.2 | 157.5 |
| 167.5° | 172.1 | 170.1 | 168.6 | 167.7 | 165.8 | 163.9 | 162.4 | 161.5 | 160.2 | 159.9 | 160.2 |
| 170°   | 170.2 | 168.5 | 167.6 | 166.8 | 165.5 | 163.9 | 163.2 | 162.5 | 161.6 | 161.2 | 161.8 |
| 172.5° | 168.3 | 167.2 | 166.7 | 166.6 | 165.5 | 164.1 | 163.7 | 163.3 | 162.6 | 162.5 | 163.0 |
| 175°   | 166.2 | 165.5 | 165.5 | 165.9 | 165.2 | 164.6 | 164.2 | 164.2 | 163.5 | 163.9 | 164.2 |
| 177.5° | 164.9 | 164.6 | 164.9 | 165.3 | 164.9 | 164.6 | 164.6 | 164.6 | 164.3 | 164.6 | 164.9 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1538.4 | 1541.3 | 1551.4 | 1558.6 | 1566.9 | 1571.6 | 1576.3 | 1579.9 | 1584.6 | 1585.8 | 1603.0 |
| 5°     | 1545.2 | 1560.1 | 1586.0 | 1605.2 | 1628.9 | 1654.8 | 1672.6 | 1680.8 | 1702.2 | 1720.0 | 1755.6 |
| 7.5°   | 1543.3 | 1574.9 | 1614.0 | 1654.5 | 1698.1 | 1738.4 | 1773.4 | 1814.9 | 1844.4 | 1888.7 | 1932.4 |
| 10°    | 1541.5 | 1583.8 | 1634.1 | 1686.0 | 1746.7 | 1803.0 | 1853.4 | 1909.7 | 1956.3 | 2017.8 | 2070.4 |
| 12.5°  | 1536.2 | 1587.3 | 1657.3 | 1718.5 | 1792.3 | 1870.0 | 1944.7 | 2016.9 | 2058.3 | 2160.7 | 2209.1 |
| 15°    | 1523.1 | 1583.8 | 1671.1 | 1764.5 | 1866.0 | 1957.8 | 2052.7 | 2128.3 | 2250.4 | 2340.1 | 2397.1 |
| 17.5°  | 1497.8 | 1582.9 | 1686.6 | 1799.1 | 1922.6 | 2043.6 | 2151.1 | 2265.7 | 2395.4 | 2503.8 | 2619.3 |
| 20°    | 1486.0 | 1579.3 | 1694.9 | 1819.3 | 1947.5 | 2084.5 | 2206.8 | 2344.5 | 2486.1 | 2592.7 | 2740.8 |
| 22.5°  | 1464.1 | 1569.8 | 1694.3 | 1833.0 | 1970.0 | 2111.8 | 2254.8 | 2393.7 | 2557.1 | 2704.1 | 2845.2 |
| 25°    | 1428.2 | 1546.7 | 1675.7 | 1830.4 | 1991.2 | 2133.4 | 2304.5 | 2489.0 | 2659.4 | 2848.3 | 2989.0 |
| 27.5°  | 1390.5 | 1517.1 | 1646.2 | 1790.3 | 1963.1 | 2131.9 | 2347.2 | 2555.6 | 2763.9 | 2927.1 | 3031.2 |
| 30°    | 1361.5 | 1484.5 | 1617.9 | 1763.0 | 1934.1 | 2134.9 | 2375.6 | 2603.0 | 2806.0 | 2946.0 | 3004.5 |
| 32.5°  | 1330.1 | 1454.8 | 1572.8 | 1725.1 | 1907.4 | 2133.1 | 2393.4 | 2630.9 | 2808.4 | 2901.6 | 2890.2 |
| 35°    | 1280.8 | 1385.3 | 1500.1 | 1646.7 | 1861.5 | 2120.1 | 2403.8 | 2633.4 | 2742.3 | 2722.3 | 2571.2 |
| 37.5°  | 1209.7 | 1297.5 | 1410.6 | 1571.1 | 1808.2 | 2092.6 | 2383.0 | 2555.3 | 2548.3 | 2385.4 | 2166.4 |
| 40°    | 1165.3 | 1240.0 | 1349.0 | 1517.9 | 1766.7 | 2074.9 | 2350.4 | 2462.3 | 2367.5 | 2140.0 | 1877.8 |
| 42.5°  | 1107.1 | 1176.0 | 1285.0 | 1458.6 | 1721.1 | 2038.7 | 2288.2 | 2320.6 | 2135.1 | 1873.4 | 1633.0 |
| 45°    | 1017.1 | 1077.8 | 1190.4 | 1369.7 | 1652.7 | 1960.0 | 2136.4 | 2057.1 | 1807.4 | 1537.1 | 1354.2 |
| 47.5°  | 920.3  | 983.4  | 1091.7 | 1275.9 | 1553.7 | 1841.7 | 1925.7 | 1757.1 | 1500.8 | 1281.5 | 1113.5 |
| 50°    | 859.3  | 920.0  | 1026.0 | 1211.9 | 1486.7 | 1744.5 | 1779.3 | 1561.5 | 1326.0 | 1133.4 | 995.6  |
| 52.5°  | 797.7  | 854.9  | 959.0  | 1145.5 | 1408.5 | 1631.9 | 1610.4 | 1388.5 | 1171.9 | 1007.8 | 899.6  |
| 55°    | 706.0  | 760.1  | 859.3  | 1034.1 | 1273.4 | 1450.4 | 1372.6 | 1160.7 | 981.5  | 854.1  | 771.8  |
| 57.5°  | 623.9  | 675.7  | 761.4  | 919.3  | 1127.3 | 1249.0 | 1150.0 | 971.5  | 828.9  | 730.8  | 669.5  |
| 60°    | 568.2  | 614.1  | 695.6  | 842.3  | 1023.0 | 1115.6 | 1017.9 | 860.1  | 740.0  | 661.5  | 606.7  |
| 62.5°  | 515.4  | 555.4  | 630.9  | 764.0  | 921.1  | 998.8  | 899.8  | 766.4  | 664.2  | 594.6  | 548.0  |
| 65°    | 435.5  | 471.8  | 538.6  | 642.2  | 771.1  | 823.0  | 737.8  | 629.6  | 550.4  | 498.5  | 467.4  |
| 67.5°  | 362.7  | 393.5  | 451.1  | 532.7  | 627.5  | 665.3  | 600.5  | 516.8  | 457.0  | 415.4  | 390.7  |
| 70°    | 314.1  | 340.7  | 386.0  | 456.3  | 542.2  | 571.1  | 510.4  | 441.5  | 397.8  | 364.5  | 341.5  |
| 72.5°  | 273.1  | 292.8  | 333.8  | 388.1  | 459.9  | 482.9  | 440.5  | 379.8  | 339.1  | 314.1  | 295.9  |
| 75°    | 208.1  | 224.4  | 251.1  | 294.8  | 344.5  | 357.8  | 325.9  | 288.1  | 260.7  | 243.0  | 228.8  |
| 77.5°  | 150.1  | 162.1  | 181.3  | 208.3  | 242.7  | 254.7  | 234.5  | 209.3  | 189.4  | 177.3  | 169.5  |
| 80°    | 113.3  | 123.0  | 139.3  | 161.5  | 182.2  | 188.9  | 177.0  | 157.8  | 143.7  | 137.0  | 130.4  |
| 82.5°  | 83.7   | 89.2   | 99.0   | 114.0  | 128.3  | 136.2  | 126.1  | 114.5  | 107.0  | 100.9  | 98.4   |
| 85°    | 42.2   | 45.1   | 49.7   | 55.5   | 64.5   | 67.4   | 63.7   | 60.7   | 56.3   | 52.6   | 52.6   |
| 87.5°  | 15.6   | 15.8   | 17.8   | 19.1   | 21.6   | 23.6   | 23.2   | 22.2   | 21.8   | 21.1   | 20.6   |
| 90°    | 1.3    | 2.0    | 3.0    | 3.7    | 4.3    | 5.4    | 6.3    | 7.4    | 8.3    | 8.0    | 8.3    |
| 92.5°  | 6.1    | 9.0    | 11.5   | 14.3   | 19.2   | 28.0   | 42.3   | 56.4   | 51.2   | 38.6   | 28.1   |
| 95°    | 12.3   | 16.0   | 21.7   | 30.3   | 43.3   | 71.6   | 121.2  | 175.9  | 197.6  | 160.2  | 119.9  |
| 97.5°  | 19.6   | 22.5   | 27.4   | 36.0   | 50.0   | 77.1   | 133.0  | 224.1  | 306.1  | 327.4  | 298.9  |
| 100°   | 25.0   | 27.3   | 32.0   | 40.0   | 53.0   | 76.3   | 125.5  | 213.2  | 315.5  | 381.1  | 392.7  |
| 102.5° | 30.8   | 32.9   | 37.3   | 44.5   | 56.5   | 77.4   | 119.1  | 197.2  | 298.1  | 383.7  | 423.9  |
| 105°   | 39.7   | 41.7   | 45.6   | 51.9   | 62.3   | 80.3   | 114.6  | 177.6  | 267.8  | 363.4  | 433.0  |
| 107.5° | 48.5   | 50.5   | 54.4   | 60.3   | 69.9   | 85.8   | 114.2  | 165.0  | 241.0  | 327.8  | 406.7  |
| 110°   | 55.0   | 56.6   | 60.3   | 66.0   | 75.3   | 90.3   | 115.6  | 160.2  | 225.8  | 305.5  | 381.7  |

TEST NUMBER: P332047-830

CATALOG NUMBER: S123DIP-S1165D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.8  | 62.5  | 66.2  | 71.8  | 80.9  | 94.8  | 118.3 | 157.5 | 215.7 | 286.0 | 356.9 |
| 115°   | 69.7  | 71.6  | 74.9  | 80.6  | 89.6  | 102.3 | 122.5 | 156.6 | 204.8 | 262.5 | 324.0 |
| 117.5° | 78.2  | 79.9  | 83.0  | 89.4  | 97.6  | 110.2 | 128.3 | 157.1 | 198.4 | 248.3 | 300.3 |
| 120°   | 83.6  | 85.3  | 88.6  | 94.9  | 103.2 | 115.3 | 132.5 | 158.3 | 195.5 | 240.8 | 287.8 |
| 122.5° | 88.7  | 90.3  | 94.0  | 100.0 | 108.9 | 120.6 | 136.6 | 160.0 | 193.7 | 234.7 | 278.0 |
| 125°   | 95.6  | 97.6  | 101.2 | 107.5 | 116.6 | 128.3 | 142.9 | 162.9 | 191.1 | 226.9 | 264.8 |
| 127.5° | 101.4 | 104.0 | 107.6 | 114.6 | 123.7 | 134.9 | 148.1 | 166.1 | 190.0 | 219.9 | 253.4 |
| 130°   | 104.9 | 107.9 | 111.9 | 118.9 | 127.9 | 138.9 | 151.6 | 168.2 | 189.2 | 216.1 | 246.1 |
| 132.5° | 107.8 | 111.1 | 115.9 | 122.9 | 131.7 | 142.3 | 154.8 | 169.8 | 188.9 | 212.7 | 239.5 |
| 135°   | 112.5 | 116.2 | 121.2 | 128.3 | 137.2 | 147.5 | 158.9 | 172.2 | 188.5 | 208.2 | 230.5 |
| 137.5° | 117.1 | 120.6 | 125.9 | 132.9 | 141.2 | 151.2 | 161.9 | 173.8 | 187.8 | 204.2 | 222.3 |
| 140°   | 120.3 | 123.6 | 128.9 | 135.5 | 143.9 | 153.5 | 163.5 | 174.8 | 187.6 | 201.8 | 217.5 |
| 142.5° | 123.2 | 126.8 | 131.6 | 138.3 | 146.0 | 155.4 | 165.1 | 175.7 | 187.0 | 199.7 | 213.0 |
| 145°   | 127.9 | 130.9 | 135.9 | 141.6 | 149.2 | 157.9 | 166.8 | 176.2 | 186.2 | 196.8 | 207.5 |
| 147.5° | 132.7 | 135.6 | 140.0 | 145.4 | 151.9 | 159.9 | 168.0 | 176.2 | 184.9 | 194.1 | 203.0 |
| 150°   | 135.9 | 138.6 | 142.9 | 147.5 | 153.5 | 161.2 | 168.2 | 176.2 | 183.9 | 192.2 | 199.8 |
| 152.5° | 139.1 | 141.8 | 145.5 | 149.7 | 155.4 | 162.0 | 168.7 | 175.4 | 182.6 | 190.0 | 196.9 |
| 155°   | 144.2 | 146.2 | 149.6 | 153.3 | 157.9 | 163.5 | 168.9 | 174.6 | 180.2 | 186.8 | 192.6 |
| 157.5° | 148.6 | 150.2 | 153.2 | 156.3 | 159.9 | 164.4 | 169.2 | 173.4 | 178.1 | 183.2 | 187.8 |
| 160°   | 151.6 | 152.9 | 155.5 | 157.9 | 161.2 | 165.2 | 169.2 | 172.9 | 176.5 | 180.9 | 185.2 |
| 162.5° | 153.9 | 155.0 | 157.1 | 159.2 | 162.0 | 165.5 | 168.9 | 171.8 | 174.9 | 178.4 | 182.0 |
| 165°   | 157.2 | 157.9 | 159.6 | 160.9 | 163.2 | 165.9 | 168.2 | 170.2 | 172.6 | 175.2 | 177.9 |
| 167.5° | 159.9 | 160.2 | 161.5 | 162.4 | 163.9 | 165.8 | 167.7 | 168.6 | 170.1 | 172.1 | 174.3 |
| 170°   | 161.2 | 161.6 | 162.5 | 163.2 | 163.9 | 165.5 | 166.8 | 167.6 | 168.5 | 170.2 | 171.8 |
| 172.5° | 162.5 | 162.6 | 163.3 | 163.7 | 164.1 | 165.5 | 166.6 | 166.7 | 167.2 | 168.3 | 169.8 |
| 175°   | 163.9 | 163.5 | 164.2 | 164.2 | 164.6 | 165.2 | 165.9 | 165.5 | 165.5 | 166.2 | 166.8 |
| 177.5° | 164.6 | 164.3 | 164.6 | 164.6 | 164.6 | 164.9 | 165.3 | 164.9 | 164.6 | 164.9 | 165.0 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

TEST NUMBER: P332047-830

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 | 1528.9 |
| 2.5°   | 1608.9 | 1609.5 | 1616.1 | 1620.8 | 1618.4 | 1621.4 | 1622.6 |
| 5°     | 1757.8 | 1784.5 | 1798.6 | 1808.9 | 1809.7 | 1810.4 | 1816.4 |
| 7.5°   | 1969.0 | 1997.5 | 2018.5 | 2050.1 | 2059.6 | 2070.4 | 2067.3 |
| 10°    | 2123.1 | 2165.2 | 2201.6 | 2220.8 | 2241.6 | 2271.9 | 2247.5 |
| 12.5°  | 2267.0 | 2341.8 | 2397.1 | 2427.0 | 2446.6 | 2452.7 | 2440.7 |
| 15°    | 2504.5 | 2602.3 | 2654.9 | 2653.4 | 2720.1 | 2749.0 | 2703.8 |
| 17.5°  | 2722.3 | 2812.5 | 2884.8 | 2921.9 | 2977.4 | 2989.7 | 2984.1 |
| 20°    | 2855.6 | 2954.2 | 3010.5 | 3074.2 | 3103.0 | 3129.0 | 3133.4 |
| 22.5°  | 2970.6 | 3059.0 | 3119.5 | 3172.5 | 3196.7 | 3209.0 | 3216.4 |
| 25°    | 3089.0 | 3158.6 | 3194.9 | 3213.4 | 3220.1 | 3218.6 | 3209.0 |
| 27.5°  | 3080.8 | 3086.2 | 3046.2 | 3006.9 | 2971.8 | 2932.2 | 2918.6 |
| 30°    | 3000.9 | 2938.6 | 2827.5 | 2764.6 | 2671.9 | 2598.6 | 2628.2 |
| 32.5°  | 2790.5 | 2666.6 | 2541.8 | 2404.2 | 2290.3 | 2257.9 | 2225.2 |
| 35°    | 2381.5 | 2163.8 | 2036.4 | 1888.2 | 1828.9 | 1769.7 | 1728.9 |
| 37.5°  | 1926.7 | 1758.3 | 1607.1 | 1510.2 | 1450.9 | 1413.3 | 1393.3 |
| 40°    | 1665.9 | 1514.1 | 1389.7 | 1311.2 | 1265.9 | 1223.7 | 1217.9 |
| 42.5°  | 1458.0 | 1316.8 | 1223.1 | 1160.6 | 1117.2 | 1099.3 | 1086.3 |
| 45°    | 1194.1 | 1095.6 | 1032.6 | 988.2  | 959.3  | 948.2  | 933.4  |
| 47.5°  | 1010.7 | 941.0  | 893.8  | 863.6  | 841.8  | 833.5  | 832.4  |
| 50°    | 908.1  | 850.4  | 815.6  | 791.8  | 774.9  | 771.8  | 760.1  |
| 52.5°  | 831.1  | 781.1  | 753.9  | 733.2  | 721.0  | 712.7  | 709.1  |
| 55°    | 721.5  | 688.2  | 663.7  | 651.9  | 642.2  | 634.0  | 634.0  |
| 57.5°  | 631.3  | 603.4  | 587.3  | 577.2  | 574.2  | 568.4  | 564.8  |
| 60°    | 575.6  | 551.9  | 539.3  | 530.4  | 524.4  | 525.2  | 518.5  |
| 62.5°  | 521.0  | 505.7  | 493.6  | 484.7  | 477.7  | 477.8  | 478.2  |
| 65°    | 443.7  | 431.9  | 423.0  | 420.0  | 415.6  | 410.4  | 411.9  |
| 67.5°  | 376.0  | 364.9  | 358.0  | 352.9  | 351.4  | 348.6  | 352.9  |
| 70°    | 327.4  | 319.2  | 314.1  | 309.6  | 308.1  | 308.9  | 312.6  |
| 72.5°  | 283.0  | 277.2  | 273.8  | 271.7  | 268.4  | 268.6  | 271.1  |
| 75°    | 222.3  | 217.8  | 214.8  | 212.6  | 211.9  | 211.9  | 211.9  |
| 77.5°  | 163.2  | 162.2  | 160.9  | 157.6  | 157.8  | 158.6  | 158.8  |
| 80°    | 128.9  | 126.7  | 125.9  | 124.4  | 122.2  | 120.7  | 124.4  |
| 82.5°  | 96.3   | 94.1   | 93.3   | 93.0   | 89.6   | 89.4   | 92.5   |
| 85°    | 51.8   | 49.7   | 50.3   | 49.7   | 49.7   | 48.9   | 48.9   |
| 87.5°  | 20.1   | 19.6   | 19.1   | 19.6   | 19.1   | 18.6   | 19.7   |
| 90°    | 8.7    | 9.0    | 9.6    | 9.3    | 9.6    | 10.0   | 9.6    |
| 92.5°  | 22.2   | 19.6   | 17.9   | 17.3   | 16.3   | 16.7   | 16.0   |
| 95°    | 81.2   | 63.6   | 51.7   | 45.3   | 42.3   | 40.0   | 38.6   |
| 97.5°  | 239.4  | 196.4  | 156.7  | 132.1  | 117.1  | 108.0  | 105.2  |
| 100°   | 365.7  | 326.8  | 279.5  | 245.8  | 221.5  | 208.5  | 208.9  |
| 102.5° | 423.0  | 400.3  | 370.3  | 344.1  | 324.9  | 314.1  | 306.3  |
| 105°   | 466.3  | 472.6  | 464.0  | 448.7  | 436.0  | 425.4  | 423.7  |
| 107.5° | 460.8  | 490.0  | 501.9  | 502.2  | 497.9  | 494.3  | 491.3  |
| 110°   | 443.0  | 484.9  | 508.3  | 517.6  | 520.3  | 519.6  | 519.0  |

TEST NUMBER: P332047-830

CATALOG NUMBER: S123DIP-S1165D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 419.5 | 466.6 | 496.5 | 513.6 | 521.9 | 524.4 | 524.5 |
| 115°   | 382.0 | 431.0 | 467.3 | 492.3 | 506.9 | 513.6 | 515.3 |
| 117.5° | 350.3 | 394.3 | 431.1 | 457.2 | 474.0 | 483.5 | 485.8 |
| 120°   | 332.7 | 372.7 | 406.3 | 432.6 | 451.3 | 459.3 | 461.3 |
| 122.5° | 318.6 | 355.6 | 386.9 | 410.3 | 427.1 | 435.8 | 438.4 |
| 125°   | 301.1 | 333.1 | 359.8 | 381.1 | 395.7 | 404.1 | 406.3 |
| 127.5° | 285.7 | 314.5 | 338.8 | 357.8 | 370.3 | 377.9 | 379.9 |
| 130°   | 276.2 | 303.1 | 325.7 | 343.4 | 355.4 | 362.4 | 365.0 |
| 132.5° | 267.0 | 292.2 | 313.8 | 330.4 | 342.3 | 348.6 | 350.4 |
| 135°   | 254.1 | 275.8 | 294.7 | 311.1 | 321.1 | 327.1 | 329.4 |
| 137.5° | 241.7 | 260.3 | 276.8 | 290.5 | 300.7 | 305.7 | 307.3 |
| 140°   | 234.5 | 250.4 | 264.8 | 277.5 | 286.8 | 292.1 | 291.8 |
| 142.5° | 227.5 | 241.4 | 253.8 | 264.7 | 273.0 | 277.7 | 277.4 |
| 145°   | 218.5 | 229.1 | 238.8 | 247.1 | 254.1 | 256.8 | 257.5 |
| 147.5° | 211.8 | 220.4 | 227.2 | 233.6 | 238.3 | 240.8 | 241.1 |
| 150°   | 207.5 | 214.5 | 220.8 | 225.8 | 229.5 | 231.5 | 231.5 |
| 152.5° | 203.5 | 209.7 | 215.0 | 218.9 | 222.3 | 223.5 | 223.5 |
| 155°   | 197.8 | 202.8 | 206.8 | 209.8 | 212.5 | 213.2 | 213.5 |
| 157.5° | 192.3 | 196.1 | 199.3 | 201.9 | 203.9 | 204.4 | 204.3 |
| 160°   | 188.9 | 192.2 | 194.5 | 196.8 | 198.9 | 198.9 | 198.5 |
| 162.5° | 185.1 | 188.2 | 190.3 | 191.8 | 193.5 | 193.5 | 193.2 |
| 165°   | 179.8 | 182.2 | 183.9 | 185.2 | 186.5 | 186.2 | 186.2 |
| 167.5° | 175.8 | 177.1 | 178.3 | 178.9 | 179.8 | 179.6 | 179.6 |
| 170°   | 172.9 | 174.2 | 174.8 | 175.2 | 175.9 | 175.5 | 175.5 |
| 172.5° | 170.5 | 171.5 | 171.9 | 172.0 | 172.7 | 172.1 | 171.8 |
| 175°   | 167.2 | 167.9 | 167.9 | 167.9 | 168.2 | 167.9 | 167.6 |
| 177.5° | 165.3 | 165.6 | 165.6 | 165.3 | 165.6 | 165.0 | 165.0 |
| 180°   | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 | 164.6 |

(END OF REPORT)