

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: P332332-830

Luminaire Tested: **S123RDIP-S1000D365U830-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332332-830  
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: S123RDIP-S1000D365U830-4F0-1E-UDD-A4  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4969.9 lumens  
Efficiency: N/A  
Efficacy: 114.3 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: Semi-Direct

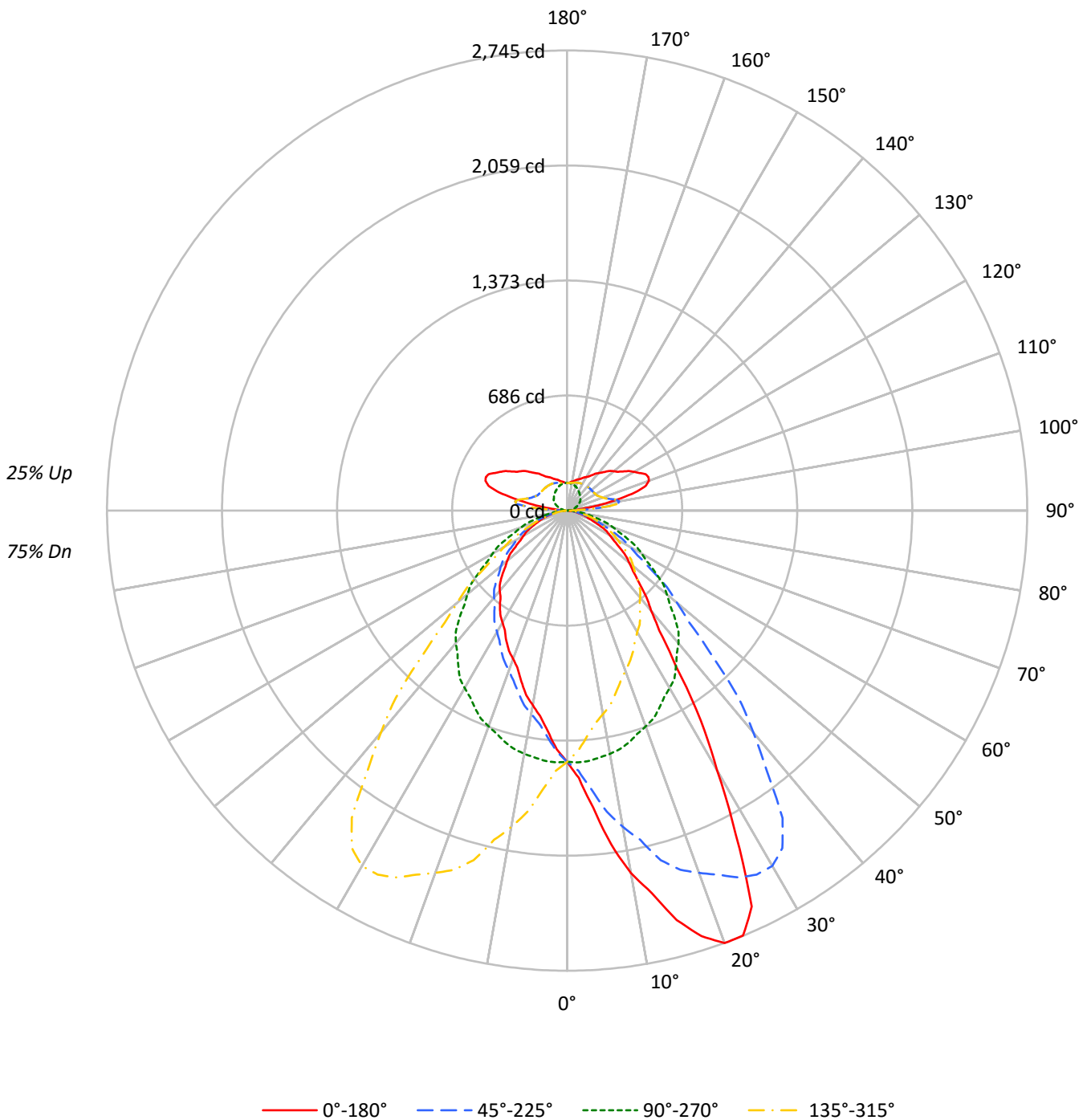
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P332332-830

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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   | 113 | 113 | 113 | 113 | 108 | 108 | 108 | 108 | 97 | 97 | 97 | 88 | 88 | 88 | 79 | 79 | 79 | 75 |
| 1   | 104 | 100 | 96  | 93  | 99  | 95  | 92  | 89  | 87 | 84 | 82 | 79 | 77 | 75 | 71 | 70 | 69 | 65 |
| 2   | 96  | 89  | 83  | 78  | 91  | 85  | 79  | 75  | 77 | 73 | 69 | 70 | 67 | 64 | 64 | 61 | 59 | 56 |
| 3   | 88  | 79  | 71  | 66  | 83  | 75  | 69  | 64  | 69 | 64 | 59 | 63 | 59 | 55 | 57 | 54 | 51 | 48 |
| 4   | 81  | 70  | 62  | 57  | 77  | 67  | 60  | 55  | 62 | 56 | 51 | 57 | 52 | 48 | 52 | 48 | 45 | 42 |
| 5   | 75  | 63  | 55  | 49  | 71  | 61  | 53  | 48  | 56 | 50 | 45 | 51 | 46 | 42 | 47 | 43 | 40 | 37 |
| 6   | 69  | 57  | 49  | 43  | 66  | 55  | 48  | 42  | 51 | 45 | 40 | 47 | 42 | 38 | 43 | 39 | 35 | 33 |
| 7   | 64  | 52  | 44  | 38  | 61  | 50  | 43  | 37  | 46 | 40 | 36 | 43 | 38 | 34 | 40 | 35 | 32 | 30 |
| 8   | 60  | 48  | 40  | 34  | 57  | 46  | 39  | 34  | 43 | 36 | 32 | 39 | 34 | 30 | 37 | 32 | 29 | 27 |
| 9   | 56  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 39 | 33 | 29 | 36 | 31 | 28 | 34 | 29 | 26 | 24 |
| 10  | 52  | 40  | 33  | 28  | 50  | 39  | 32  | 28  | 36 | 30 | 26 | 34 | 29 | 25 | 31 | 27 | 24 | 22 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16129 | 16129 | 16129 | 16129 |
| 5°  | 19225 | 16197 | 14263 | 16197 |
| 10° | 24004 | 16104 | 12885 | 16104 |
| 15° | 28178 | 15940 | 11751 | 15940 |
| 20° | 31447 | 15694 | 10786 | 15694 |
| 25° | 30945 | 15435 | 10194 | 15435 |
| 30° | 22243 | 15196 | 9583  | 15196 |
| 35° | 14851 | 14884 | 9188  | 14884 |
| 40° | 10942 | 14511 | 8778  | 14511 |
| 45° | 9178  | 13855 | 8378  | 13855 |
| 50° | 8098  | 12996 | 7819  | 12996 |
| 55° | 7101  | 12014 | 7054  | 12014 |
| 60° | 6325  | 11074 | 6463  | 11074 |
| 65° | 5555  | 10063 | 6011  | 10063 |
| 70° | 4362  | 9165  | 5492  | 9165  |
| 75° | 3843  | 8006  | 5016  | 8006  |
| 80° | 3341  | 6800  | 4934  | 6800  |
| 85° | 2692  | 5471  | 5224  | 5471  |



TEST NUMBER: P332332-830

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 147.4  | 3.0       |
| 10°-20°   | 460.3  | 9.3       |
| 20°-30°   | 723.2  | 14.6      |
| 30°-40°   | 754.5  | 15.2      |
| 40°-50°   | 645.7  | 13.0      |
| 50°-60°   | 492.2  | 9.9       |
| 60°-70°   | 315.5  | 6.3       |
| 70°-80°   | 151.8  | 3.1       |
| 80°-90°   | 41.4   | 0.8       |
| 90°-100°  | 91.6   | 1.8       |
| 100°-110° | 259.3  | 5.2       |
| 110°-120° | 255.1  | 5.1       |
| 120°-130° | 203.5  | 4.1       |
| 130°-140° | 160.4  | 3.2       |
| 140°-150° | 119.7  | 2.4       |
| 150°-160° | 83.4   | 1.7       |
| 160°-170° | 49.0   | 1.0       |
| 170°-180° | 16.0   | 0.3       |
| 0°-30°    | 1330.9 | 26.8      |
| 0°-40°    | 2085.5 | 42.0      |
| 0°-60°    | 3223.3 | 64.9      |
| 0°-90°    | 3732.0 | 75.1      |
| 90°-120°  | 605.9  | 12.2      |
| 90°-150°  | 1089.5 | 21.9      |
| 90°-180°  | 1238.0 | 24.9      |
| 0°-180°   | 4969.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1498 | 1498 | 1498 | 1498 | 1498 |      |
| 5°   | 1779 | 1499 | 1320 | 1499 | 1779 | 184  |
| 15°  | 2529 | 1430 | 1054 | 1430 | 2529 | 717  |
| 25°  | 2606 | 1300 | 858  | 1300 | 2606 | 1120 |
| 35°  | 1130 | 1133 | 699  | 1133 | 1130 | 741  |
| 45°  | 603  | 910  | 550  | 910  | 603  | 474  |
| 55°  | 378  | 640  | 376  | 640  | 378  | 342  |
| 65°  | 218  | 395  | 236  | 395  | 218  | 215  |
| 75°  | 92   | 192  | 121  | 192  | 92   | 99   |
| 85°  | 22   | 44   | 42   | 44   | 22   | 25   |
| 90°  | 10   | 1    | 10   | 1    | 10   | 6    |
| 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  |      |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1595.9 | 1597.9 | 1591.3 | 1590.3 | 1582.5 | 1580.5 | 1580.5 | 1569.7 | 1563.0 | 1554.3 | 1549.2 |
| 5°     | 1779.3 | 1789.6 | 1784.4 | 1772.9 | 1753.7 | 1749.2 | 1737.0 | 1717.8 | 1695.9 | 1669.0 | 1656.1 |
| 7.5°   | 2008.5 | 2022.4 | 2017.0 | 1999.2 | 1979.1 | 1962.8 | 1928.4 | 1896.5 | 1851.7 | 1812.4 | 1778.9 |
| 10°    | 2196.2 | 2181.5 | 2169.9 | 2152.7 | 2134.0 | 2103.8 | 2067.9 | 2018.5 | 1961.5 | 1916.6 | 1866.6 |
| 12.5°  | 2336.8 | 2334.4 | 2319.8 | 2302.0 | 2275.7 | 2247.0 | 2202.9 | 2142.8 | 2076.4 | 2011.6 | 1954.3 |
| 15°    | 2528.6 | 2532.3 | 2522.7 | 2504.1 | 2466.9 | 2416.3 | 2349.6 | 2324.6 | 2229.6 | 2159.1 | 2088.5 |
| 17.5°  | 2661.2 | 2660.4 | 2659.1 | 2633.4 | 2595.4 | 2559.3 | 2497.5 | 2431.7 | 2345.7 | 2246.3 | 2151.3 |
| 20°    | 2745.3 | 2738.9 | 2740.2 | 2711.3 | 2683.1 | 2641.4 | 2581.2 | 2485.6 | 2415.0 | 2300.2 | 2202.1 |
| 22.5°  | 2743.3 | 2742.0 | 2746.9 | 2737.0 | 2716.5 | 2684.5 | 2637.0 | 2556.4 | 2466.3 | 2350.4 | 2240.0 |
| 25°    | 2605.5 | 2600.4 | 2630.5 | 2638.8 | 2671.5 | 2677.3 | 2663.2 | 2618.9 | 2533.6 | 2414.3 | 2277.7 |
| 27.5°  | 2180.6 | 2177.7 | 2233.7 | 2303.8 | 2392.6 | 2461.5 | 2528.3 | 2560.5 | 2533.6 | 2448.3 | 2311.3 |
| 30°    | 1789.6 | 1849.9 | 1878.1 | 1979.4 | 2092.4 | 2227.0 | 2345.0 | 2457.3 | 2484.9 | 2447.7 | 2335.4 |
| 32.5°  | 1485.8 | 1538.4 | 1562.0 | 1649.0 | 1754.2 | 1911.9 | 2089.1 | 2248.0 | 2360.2 | 2388.7 | 2321.1 |
| 35°    | 1130.2 | 1130.9 | 1184.7 | 1223.2 | 1320.7 | 1483.0 | 1654.9 | 1867.8 | 2079.5 | 2239.9 | 2256.5 |
| 37.5°  | 901.8  | 905.0  | 937.6  | 976.0  | 1049.1 | 1134.9 | 1286.3 | 1463.4 | 1707.9 | 1954.1 | 2098.4 |
| 40°    | 778.7  | 784.5  | 808.9  | 846.7  | 899.3  | 964.0  | 1082.1 | 1248.9 | 1452.8 | 1726.7 | 1950.6 |
| 42.5°  | 699.6  | 709.1  | 721.6  | 750.7  | 783.3  | 844.0  | 939.4  | 1068.3 | 1253.8 | 1512.8 | 1771.0 |
| 45°    | 602.9  | 608.0  | 617.7  | 631.1  | 660.6  | 703.0  | 767.1  | 853.8  | 1007.7 | 1216.2 | 1474.6 |
| 47.5°  | 531.9  | 529.1  | 539.3  | 550.3  | 569.9  | 598.7  | 641.7  | 712.4  | 822.2  | 989.5  | 1208.7 |
| 50°    | 483.6  | 483.0  | 490.0  | 498.4  | 517.0  | 538.2  | 573.4  | 626.7  | 713.9  | 852.4  | 1053.2 |
| 52.5°  | 438.5  | 440.9  | 445.9  | 456.3  | 469.8  | 486.8  | 518.5  | 556.9  | 631.8  | 751.4  | 918.8  |
| 55°    | 378.4  | 380.4  | 387.4  | 393.2  | 402.8  | 420.1  | 440.0  | 472.1  | 523.4  | 606.8  | 744.7  |
| 57.5°  | 327.6  | 326.8  | 333.6  | 335.0  | 345.8  | 360.0  | 375.3  | 400.3  | 437.4  | 499.5  | 592.3  |
| 60°    | 293.8  | 291.8  | 297.7  | 302.1  | 307.9  | 319.4  | 332.2  | 356.7  | 386.2  | 431.7  | 511.2  |
| 62.5°  | 263.0  | 262.1  | 266.4  | 270.8  | 275.6  | 286.1  | 296.9  | 315.6  | 338.9  | 377.3  | 440.5  |
| 65°    | 218.1  | 220.0  | 222.0  | 223.9  | 226.4  | 232.8  | 243.1  | 255.9  | 271.9  | 298.9  | 344.4  |
| 67.5°  | 171.4  | 173.3  | 174.0  | 178.0  | 183.4  | 187.5  | 193.7  | 205.1  | 216.3  | 239.0  | 264.9  |
| 70°    | 138.6  | 137.9  | 138.6  | 140.4  | 147.5  | 154.6  | 163.0  | 171.3  | 178.3  | 194.4  | 216.1  |
| 72.5°  | 119.0  | 117.9  | 119.6  | 120.0  | 123.4  | 125.4  | 130.6  | 138.5  | 147.5  | 158.4  | 174.1  |
| 75°    | 92.4   | 92.4   | 92.4   | 92.4   | 94.9   | 96.2   | 98.1   | 100.1  | 103.3  | 108.4  | 120.0  |
| 77.5°  | 68.2   | 68.3   | 69.3   | 69.9   | 70.4   | 71.2   | 72.4   | 74.3   | 75.4   | 78.1   | 83.1   |
| 80°    | 53.9   | 54.5   | 53.9   | 54.5   | 54.5   | 55.8   | 56.5   | 58.3   | 59.0   | 62.2   | 64.2   |
| 82.5°  | 40.5   | 40.2   | 40.5   | 41.2   | 41.2   | 42.5   | 42.6   | 44.0   | 44.1   | 45.8   | 47.7   |
| 85°    | 21.8   | 20.5   | 21.8   | 21.2   | 22.4   | 21.2   | 21.8   | 23.1   | 23.1   | 23.8   | 26.3   |
| 87.5°  | 7.1    | 8.2    | 7.1    | 7.5    | 7.5    | 7.9    | 7.9    | 7.8    | 8.8    | 8.3    | 8.7    |
| 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°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1547.1 | 1545.6 | 1538.4 | 1530.2 | 1519.4 | 1512.2 | 1506.6 | 1503.5 | 1494.3 | 1483.0 | 1475.3 |
| 5°     | 1642.7 | 1623.4 | 1603.0 | 1577.9 | 1554.8 | 1531.1 | 1516.4 | 1499.0 | 1477.8 | 1454.2 | 1437.5 |
| 7.5°   | 1745.1 | 1707.3 | 1666.7 | 1624.8 | 1583.3 | 1546.1 | 1513.3 | 1485.2 | 1451.4 | 1417.4 | 1393.5 |
| 10°    | 1823.6 | 1768.4 | 1711.4 | 1652.9 | 1599.7 | 1549.7 | 1511.2 | 1473.4 | 1432.9 | 1393.8 | 1364.3 |
| 12.5°  | 1894.9 | 1822.3 | 1756.5 | 1684.8 | 1616.6 | 1556.9 | 1501.5 | 1457.0 | 1408.3 | 1366.6 | 1333.0 |
| 15°    | 1985.2 | 1910.8 | 1831.3 | 1722.2 | 1631.8 | 1556.1 | 1488.7 | 1430.4 | 1371.4 | 1320.0 | 1287.3 |
| 17.5°  | 2069.6 | 1957.7 | 1850.8 | 1759.8 | 1642.3 | 1547.7 | 1465.6 | 1395.7 | 1331.0 | 1276.6 | 1236.3 |
| 20°    | 2104.5 | 1996.1 | 1880.0 | 1764.0 | 1648.5 | 1542.7 | 1447.1 | 1370.1 | 1302.8 | 1241.1 | 1204.0 |
| 22.5°  | 2125.5 | 2002.8 | 1880.6 | 1755.8 | 1633.0 | 1523.1 | 1428.6 | 1344.0 | 1270.9 | 1212.4 | 1166.5 |
| 25°    | 2150.0 | 2003.8 | 1869.2 | 1746.0 | 1620.9 | 1501.6 | 1389.3 | 1299.6 | 1220.7 | 1158.4 | 1109.7 |
| 27.5°  | 2166.2 | 1994.2 | 1835.0 | 1698.1 | 1571.2 | 1452.5 | 1349.5 | 1254.3 | 1174.3 | 1108.5 | 1056.2 |
| 30°    | 2169.4 | 1986.5 | 1808.8 | 1660.7 | 1531.7 | 1422.7 | 1313.6 | 1222.6 | 1137.9 | 1068.0 | 1019.3 |
| 32.5°  | 2173.4 | 1967.6 | 1773.4 | 1616.0 | 1484.0 | 1376.0 | 1277.2 | 1190.2 | 1103.5 | 1034.6 | 984.9  |
| 35°    | 2156.5 | 1957.0 | 1719.7 | 1538.8 | 1406.7 | 1302.1 | 1213.0 | 1132.7 | 1047.4 | 980.7  | 930.1  |
| 37.5°  | 2083.6 | 1915.3 | 1664.0 | 1451.8 | 1313.6 | 1216.8 | 1144.2 | 1074.3 | 996.0  | 924.1  | 876.3  |
| 40°    | 2010.3 | 1874.2 | 1620.9 | 1398.9 | 1254.6 | 1155.2 | 1089.8 | 1032.7 | 957.1  | 889.7  | 838.4  |
| 42.5°  | 1900.9 | 1818.4 | 1579.9 | 1343.5 | 1187.9 | 1092.1 | 1036.9 | 983.4  | 917.0  | 848.6  | 800.4  |
| 45°    | 1700.4 | 1711.4 | 1495.8 | 1255.3 | 1095.5 | 999.4  | 947.3  | 910.2  | 851.2  | 794.8  | 745.4  |
| 47.5°  | 1449.0 | 1551.0 | 1397.1 | 1161.2 | 998.2  | 907.9  | 862.4  | 830.0  | 790.2  | 734.8  | 689.8  |
| 50°    | 1284.8 | 1430.4 | 1318.1 | 1098.2 | 937.2  | 847.3  | 802.4  | 776.1  | 741.5  | 697.9  | 654.9  |
| 52.5°  | 1133.4 | 1289.8 | 1222.7 | 1027.8 | 870.9  | 788.8  | 745.0  | 723.3  | 695.8  | 654.8  | 615.9  |
| 55°    | 924.3  | 1082.7 | 1067.3 | 921.7  | 771.7  | 697.9  | 664.5  | 640.2  | 621.5  | 590.8  | 560.0  |
| 57.5°  | 747.6  | 897.9  | 905.8  | 803.7  | 684.2  | 611.2  | 582.6  | 564.2  | 552.0  | 528.8  | 500.3  |
| 60°    | 636.3  | 774.2  | 801.2  | 724.2  | 621.5  | 557.4  | 529.1  | 514.4  | 504.8  | 486.2  | 464.4  |
| 62.5°  | 543.9  | 661.3  | 691.8  | 636.4  | 561.5  | 501.4  | 479.4  | 465.1  | 458.6  | 442.6  | 423.4  |
| 65°    | 416.3  | 513.8  | 543.3  | 512.5  | 473.3  | 425.3  | 407.3  | 395.1  | 389.4  | 380.4  | 366.3  |
| 67.5°  | 313.0  | 384.1  | 416.4  | 394.7  | 380.6  | 350.2  | 338.8  | 332.2  | 327.2  | 320.9  | 309.2  |
| 70°    | 251.5  | 304.1  | 337.4  | 331.6  | 320.1  | 304.1  | 295.7  | 291.2  | 286.1  | 281.0  | 270.7  |
| 72.5°  | 202.2  | 238.4  | 269.7  | 272.6  | 263.2  | 260.0  | 252.6  | 250.7  | 247.6  | 241.5  | 235.8  |
| 75°    | 134.0  | 159.1  | 180.9  | 189.3  | 193.0  | 196.2  | 193.0  | 192.5  | 191.8  | 186.6  | 183.4  |
| 77.5°  | 87.8   | 101.3  | 115.1  | 129.3  | 135.3  | 139.7  | 140.7  | 143.1  | 141.4  | 138.6  | 137.1  |
| 80°    | 67.4   | 70.6   | 80.2   | 92.4   | 102.0  | 105.8  | 108.4  | 109.7  | 109.1  | 108.4  | 105.8  |
| 82.5°  | 48.9   | 51.6   | 56.1   | 64.7   | 72.8   | 79.2   | 80.7   | 80.4   | 81.8   | 82.2   | 80.2   |
| 85°    | 26.3   | 27.0   | 28.2   | 29.5   | 34.0   | 41.1   | 43.0   | 44.3   | 45.5   | 45.5   | 41.7   |
| 87.5°  | 9.5    | 8.8    | 9.6    | 9.4    | 10.8   | 11.2   | 14.1   | 16.6   | 17.2   | 15.3   | 15.5   |
| 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   |





TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**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 |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1472.7 | 1466.0 | 1461.4 | 1451.1 | 1444.5 | 1437.3 | 1430.1 | 1434.7 | 1434.3 | 1433.7 | 1433.7 |
| 5°     | 1423.3 | 1408.5 | 1395.2 | 1377.8 | 1366.9 | 1353.4 | 1343.1 | 1341.9 | 1344.4 | 1335.5 | 1330.3 |
| 7.5°   | 1374.3 | 1354.2 | 1335.1 | 1316.0 | 1295.7 | 1279.5 | 1269.4 | 1264.6 | 1258.1 | 1252.5 | 1246.8 |
| 10°    | 1339.9 | 1316.3 | 1297.6 | 1273.8 | 1252.1 | 1232.8 | 1220.7 | 1212.3 | 1207.8 | 1203.3 | 1195.0 |
| 12.5°  | 1304.6 | 1281.3 | 1257.6 | 1230.8 | 1210.0 | 1187.7 | 1178.6 | 1169.2 | 1160.6 | 1155.6 | 1144.2 |
| 15°    | 1252.7 | 1222.6 | 1197.6 | 1169.3 | 1146.2 | 1124.5 | 1111.6 | 1093.0 | 1090.4 | 1084.0 | 1072.5 |
| 17.5°  | 1200.8 | 1168.0 | 1133.5 | 1112.7 | 1086.6 | 1063.8 | 1044.3 | 1038.1 | 1019.7 | 1012.9 | 1002.8 |
| 20°    | 1159.7 | 1129.5 | 1103.2 | 1075.7 | 1037.8 | 1016.6 | 1001.3 | 993.0  | 978.2  | 969.2  | 962.8  |
| 22.5°  | 1124.3 | 1093.6 | 1063.3 | 1031.0 | 999.8  | 976.1  | 964.9  | 951.9  | 943.8  | 931.2  | 924.3  |
| 25°    | 1073.7 | 1040.4 | 1003.8 | 969.2  | 946.8  | 928.8  | 910.9  | 899.3  | 887.8  | 881.9  | 869.1  |
| 27.5°  | 1015.0 | 980.1  | 945.9  | 919.6  | 892.1  | 874.4  | 858.1  | 847.8  | 834.0  | 824.3  | 817.2  |
| 30°    | 982.7  | 941.6  | 912.1  | 888.3  | 853.1  | 836.4  | 824.3  | 811.4  | 801.2  | 790.9  | 783.8  |
| 32.5°  | 945.2  | 907.8  | 879.8  | 850.5  | 823.3  | 805.1  | 789.4  | 778.1  | 769.3  | 759.6  | 752.5  |
| 35°    | 886.5  | 855.1  | 826.1  | 796.6  | 776.7  | 758.2  | 739.6  | 729.9  | 721.6  | 712.7  | 706.2  |
| 37.5°  | 833.3  | 804.0  | 776.6  | 748.6  | 723.9  | 708.8  | 693.8  | 686.5  | 675.1  | 669.1  | 662.6  |
| 40°    | 800.5  | 771.7  | 742.2  | 715.2  | 689.6  | 678.0  | 664.5  | 653.7  | 643.4  | 638.9  | 631.8  |
| 42.5°  | 764.6  | 735.7  | 710.9  | 681.8  | 660.8  | 645.2  | 632.7  | 620.8  | 613.1  | 606.5  | 602.6  |
| 45°    | 711.3  | 685.7  | 661.3  | 632.4  | 612.6  | 599.1  | 584.9  | 574.1  | 567.0  | 562.5  | 555.4  |
| 47.5°  | 659.7  | 634.0  | 609.3  | 584.1  | 564.9  | 549.4  | 535.4  | 527.7  | 518.4  | 512.9  | 508.1  |
| 50°    | 622.2  | 599.1  | 572.8  | 549.7  | 530.5  | 515.1  | 503.5  | 493.9  | 485.6  | 478.5  | 475.3  |
| 52.5°  | 587.8  | 563.2  | 540.5  | 519.0  | 498.6  | 481.2  | 470.7  | 460.5  | 454.3  | 446.2  | 442.4  |
| 55°    | 531.1  | 507.4  | 488.1  | 466.9  | 447.0  | 432.3  | 419.5  | 410.5  | 404.1  | 395.1  | 390.0  |
| 57.5°  | 477.9  | 456.6  | 433.6  | 415.3  | 394.7  | 382.3  | 371.6  | 359.5  | 351.7  | 344.6  | 339.6  |
| 60°    | 442.0  | 417.5  | 397.7  | 380.4  | 362.4  | 346.4  | 336.8  | 327.2  | 318.8  | 311.7  | 307.3  |
| 62.5°  | 404.4  | 383.2  | 364.3  | 345.4  | 329.0  | 315.1  | 303.9  | 295.9  | 288.5  | 284.0  | 279.6  |
| 65°    | 347.0  | 330.4  | 311.1  | 295.7  | 280.3  | 270.0  | 261.1  | 254.0  | 248.8  | 245.6  | 241.9  |
| 67.5°  | 294.2  | 278.0  | 261.2  | 246.1  | 235.8  | 228.0  | 222.1  | 216.0  | 213.5  | 209.3  | 206.8  |
| 70°    | 259.8  | 243.1  | 228.4  | 216.8  | 206.5  | 200.8  | 196.9  | 192.5  | 189.8  | 184.7  | 182.2  |
| 72.5°  | 222.3  | 210.3  | 199.6  | 190.1  | 181.9  | 176.6  | 171.7  | 166.3  | 162.1  | 156.5  | 153.9  |
| 75°    | 175.1  | 164.2  | 155.9  | 149.5  | 144.3  | 137.2  | 130.2  | 124.4  | 122.5  | 120.6  | 120.0  |
| 77.5°  | 129.7  | 122.8  | 116.8  | 111.3  | 104.9  | 99.8   | 98.3   | 97.0   | 96.6   | 95.6   | 95.6   |
| 80°    | 102.0  | 95.6   | 91.0   | 84.6   | 80.8   | 80.8   | 80.8   | 79.6   | 80.2   | 80.2   | 80.2   |
| 82.5°  | 75.8   | 69.9   | 67.5   | 65.1   | 64.4   | 64.9   | 64.9   | 65.1   | 64.8   | 65.8   | 65.3   |
| 85°    | 39.1   | 39.8   | 41.1   | 40.4   | 41.1   | 41.1   | 42.3   | 41.7   | 42.3   | 41.1   | 42.3   |
| 87.5°  | 15.1   | 16.8   | 17.5   | 18.2   | 18.9   | 18.6   | 19.0   | 19.1   | 19.7   | 19.8   | 19.9   |
| 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: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**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 |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1427.6 | 1427.0 | 1427.6 | 1425.5 | 1427.6 | 1427.0 | 1427.6 | 1433.7 | 1433.7 | 1434.3 | 1434.7 |
| 5°     | 1328.4 | 1327.8 | 1325.9 | 1320.0 | 1325.9 | 1327.8 | 1328.4 | 1330.3 | 1335.5 | 1344.4 | 1341.9 |
| 7.5°   | 1241.8 | 1241.0 | 1235.3 | 1235.4 | 1235.3 | 1241.0 | 1241.8 | 1246.8 | 1252.5 | 1258.1 | 1264.6 |
| 10°    | 1190.5 | 1191.1 | 1183.5 | 1178.9 | 1183.5 | 1191.1 | 1190.5 | 1195.0 | 1203.3 | 1207.8 | 1212.3 |
| 12.5°  | 1140.8 | 1137.7 | 1131.6 | 1126.6 | 1131.6 | 1137.7 | 1140.8 | 1144.2 | 1155.6 | 1160.6 | 1169.2 |
| 15°    | 1075.1 | 1068.7 | 1053.2 | 1054.5 | 1053.2 | 1068.7 | 1075.1 | 1072.5 | 1084.0 | 1090.4 | 1093.0 |
| 17.5°  | 997.7  | 993.0  | 992.7  | 983.7  | 992.7  | 993.0  | 997.7  | 1002.8 | 1012.9 | 1019.7 | 1038.1 |
| 20°    | 952.5  | 949.3  | 950.6  | 941.6  | 950.6  | 949.3  | 952.5  | 962.8  | 969.2  | 978.2  | 993.0  |
| 22.5°  | 917.1  | 913.9  | 908.5  | 905.7  | 908.5  | 913.9  | 917.1  | 924.3  | 931.2  | 943.8  | 951.9  |
| 25°    | 865.3  | 860.2  | 855.1  | 858.3  | 855.1  | 860.2  | 865.3  | 869.1  | 881.9  | 887.8  | 899.3  |
| 27.5°  | 813.5  | 809.6  | 804.5  | 803.8  | 804.5  | 809.6  | 813.5  | 817.2  | 824.3  | 834.0  | 847.8  |
| 30°    | 780.6  | 776.7  | 774.2  | 771.0  | 774.2  | 776.7  | 780.6  | 783.8  | 790.9  | 801.2  | 811.4  |
| 32.5°  | 747.2  | 746.5  | 741.9  | 741.2  | 741.9  | 746.5  | 747.2  | 752.5  | 759.6  | 769.3  | 778.1  |
| 35°    | 703.6  | 699.8  | 698.5  | 699.2  | 698.5  | 699.8  | 703.6  | 706.2  | 712.7  | 721.6  | 729.9  |
| 37.5°  | 662.2  | 657.0  | 654.8  | 652.4  | 654.8  | 657.0  | 662.2  | 662.6  | 669.1  | 675.1  | 686.5  |
| 40°    | 632.4  | 627.4  | 626.0  | 624.7  | 626.0  | 627.4  | 632.4  | 631.8  | 638.9  | 643.4  | 653.7  |
| 42.5°  | 599.1  | 597.0  | 596.3  | 594.0  | 596.3  | 597.0  | 599.1  | 602.6  | 606.5  | 613.1  | 620.8  |
| 45°    | 553.6  | 552.9  | 549.0  | 550.4  | 549.0  | 552.9  | 553.6  | 555.4  | 562.5  | 567.0  | 574.1  |
| 47.5°  | 505.6  | 502.8  | 500.0  | 501.8  | 500.0  | 502.8  | 505.6  | 508.1  | 512.9  | 518.4  | 527.7  |
| 50°    | 472.8  | 471.5  | 465.7  | 466.9  | 465.7  | 471.5  | 472.8  | 475.3  | 478.5  | 485.6  | 493.9  |
| 52.5°  | 439.9  | 435.0  | 432.8  | 432.1  | 432.8  | 435.0  | 439.9  | 442.4  | 446.2  | 454.3  | 460.5  |
| 55°    | 385.5  | 379.8  | 377.2  | 375.9  | 377.2  | 379.8  | 385.5  | 390.0  | 395.1  | 404.1  | 410.5  |
| 57.5°  | 332.2  | 330.5  | 328.6  | 330.0  | 328.6  | 330.5  | 332.2  | 339.6  | 344.6  | 351.7  | 359.5  |
| 60°    | 300.9  | 300.9  | 300.9  | 300.2  | 300.9  | 300.9  | 300.9  | 307.3  | 311.7  | 318.8  | 327.2  |
| 62.5°  | 276.7  | 275.1  | 274.7  | 275.6  | 274.7  | 275.1  | 276.7  | 279.6  | 284.0  | 288.5  | 295.9  |
| 65°    | 239.9  | 239.2  | 236.7  | 236.0  | 236.7  | 239.2  | 239.9  | 241.9  | 245.6  | 248.8  | 254.0  |
| 67.5°  | 205.1  | 202.8  | 202.1  | 201.1  | 202.1  | 202.8  | 205.1  | 206.8  | 209.3  | 213.5  | 216.0  |
| 70°    | 179.0  | 177.7  | 173.8  | 174.5  | 173.8  | 177.7  | 179.0  | 182.2  | 184.7  | 189.8  | 192.5  |
| 72.5°  | 150.7  | 149.5  | 148.6  | 147.8  | 148.6  | 149.5  | 150.7  | 153.9  | 156.5  | 162.1  | 166.3  |
| 75°    | 119.3  | 118.7  | 118.0  | 120.6  | 118.0  | 118.7  | 119.3  | 120.0  | 120.6  | 122.5  | 124.4  |
| 77.5°  | 95.6   | 95.6   | 96.0   | 94.9   | 96.0   | 95.6   | 95.6   | 95.6   | 95.6   | 96.6   | 97.0   |
| 80°    | 80.2   | 80.2   | 79.6   | 79.6   | 79.6   | 80.2   | 80.2   | 80.2   | 80.2   | 80.2   | 79.6   |
| 82.5°  | 64.3   | 64.8   | 65.1   | 64.2   | 65.1   | 64.8   | 64.3   | 65.3   | 65.8   | 64.8   | 65.1   |
| 85°    | 42.3   | 41.7   | 43.0   | 42.3   | 43.0   | 41.7   | 42.3   | 42.3   | 41.1   | 42.3   | 41.7   |
| 87.5°  | 20.8   | 19.9   | 20.0   | 20.4   | 20.0   | 19.9   | 20.8   | 19.9   | 19.8   | 19.7   | 19.1   |
| 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  |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**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 |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1430.1 | 1437.3 | 1444.5 | 1451.1 | 1461.4 | 1466.0 | 1472.7 | 1475.3 | 1483.0 | 1494.3 | 1503.5 |
| 5°     | 1343.1 | 1353.4 | 1366.9 | 1377.8 | 1395.2 | 1408.5 | 1423.3 | 1437.5 | 1454.2 | 1477.8 | 1499.0 |
| 7.5°   | 1269.4 | 1279.5 | 1295.7 | 1316.0 | 1335.1 | 1354.2 | 1374.3 | 1393.5 | 1417.4 | 1451.4 | 1485.2 |
| 10°    | 1220.7 | 1232.8 | 1252.1 | 1273.8 | 1297.6 | 1316.3 | 1339.9 | 1364.3 | 1393.8 | 1432.9 | 1473.4 |
| 12.5°  | 1178.6 | 1187.7 | 1210.0 | 1230.8 | 1257.6 | 1281.3 | 1304.6 | 1333.0 | 1366.6 | 1408.3 | 1457.0 |
| 15°    | 1111.6 | 1124.5 | 1146.2 | 1169.3 | 1197.6 | 1222.6 | 1252.7 | 1287.3 | 1320.0 | 1371.4 | 1430.4 |
| 17.5°  | 1044.3 | 1063.8 | 1086.6 | 1112.7 | 1133.5 | 1168.0 | 1200.8 | 1236.3 | 1276.6 | 1331.0 | 1395.7 |
| 20°    | 1001.3 | 1016.6 | 1037.8 | 1075.7 | 1103.2 | 1129.5 | 1159.7 | 1204.0 | 1241.1 | 1302.8 | 1370.1 |
| 22.5°  | 964.9  | 976.1  | 999.8  | 1031.0 | 1063.3 | 1093.6 | 1124.3 | 1166.5 | 1212.4 | 1270.9 | 1344.0 |
| 25°    | 910.9  | 928.8  | 946.8  | 969.2  | 1003.8 | 1040.4 | 1073.7 | 1109.7 | 1158.4 | 1220.7 | 1299.6 |
| 27.5°  | 858.1  | 874.4  | 892.1  | 919.6  | 945.9  | 980.1  | 1015.0 | 1056.2 | 1108.5 | 1174.3 | 1254.3 |
| 30°    | 824.3  | 836.4  | 853.1  | 888.3  | 912.1  | 941.6  | 982.7  | 1019.3 | 1068.0 | 1137.9 | 1222.6 |
| 32.5°  | 789.4  | 805.1  | 823.3  | 850.5  | 879.8  | 907.8  | 945.2  | 984.9  | 1034.6 | 1103.5 | 1190.2 |
| 35°    | 739.6  | 758.2  | 776.7  | 796.6  | 826.1  | 855.1  | 886.5  | 930.1  | 980.7  | 1047.4 | 1132.7 |
| 37.5°  | 693.8  | 708.8  | 723.9  | 748.6  | 776.6  | 804.0  | 833.3  | 876.3  | 924.1  | 996.0  | 1074.3 |
| 40°    | 664.5  | 678.0  | 689.6  | 715.2  | 742.2  | 771.7  | 800.5  | 838.4  | 889.7  | 957.1  | 1032.7 |
| 42.5°  | 632.7  | 645.2  | 660.8  | 681.8  | 710.9  | 735.7  | 764.6  | 800.4  | 848.6  | 917.0  | 983.4  |
| 45°    | 584.9  | 599.1  | 612.6  | 632.4  | 661.3  | 685.7  | 711.3  | 745.4  | 794.8  | 851.2  | 910.2  |
| 47.5°  | 535.4  | 549.4  | 564.9  | 584.1  | 609.3  | 634.0  | 659.7  | 689.8  | 734.8  | 790.2  | 830.0  |
| 50°    | 503.5  | 515.1  | 530.5  | 549.7  | 572.8  | 599.1  | 622.2  | 654.9  | 697.9  | 741.5  | 776.1  |
| 52.5°  | 470.7  | 481.2  | 498.6  | 519.0  | 540.5  | 563.2  | 587.8  | 615.9  | 654.8  | 695.8  | 723.3  |
| 55°    | 419.5  | 432.3  | 447.0  | 466.9  | 488.1  | 507.4  | 531.1  | 560.0  | 590.8  | 621.5  | 640.2  |
| 57.5°  | 371.6  | 382.3  | 394.7  | 415.3  | 433.6  | 456.6  | 477.9  | 500.3  | 528.8  | 552.0  | 564.2  |
| 60°    | 336.8  | 346.4  | 362.4  | 380.4  | 397.7  | 417.5  | 442.0  | 464.4  | 486.2  | 504.8  | 514.4  |
| 62.5°  | 303.9  | 315.1  | 329.0  | 345.4  | 364.3  | 383.2  | 404.4  | 423.4  | 442.6  | 458.6  | 465.1  |
| 65°    | 261.1  | 270.0  | 280.3  | 295.7  | 311.1  | 330.4  | 347.0  | 366.3  | 380.4  | 389.4  | 395.1  |
| 67.5°  | 222.1  | 228.0  | 235.8  | 246.1  | 261.2  | 278.0  | 294.2  | 309.2  | 320.9  | 327.2  | 332.2  |
| 70°    | 196.9  | 200.8  | 206.5  | 216.8  | 228.4  | 243.1  | 259.8  | 270.7  | 281.0  | 286.1  | 291.2  |
| 72.5°  | 171.7  | 176.6  | 181.9  | 190.1  | 199.6  | 210.3  | 222.3  | 235.8  | 241.5  | 247.6  | 250.7  |
| 75°    | 130.2  | 137.2  | 144.3  | 149.5  | 155.9  | 164.2  | 175.1  | 183.4  | 186.6  | 191.8  | 192.5  |
| 77.5°  | 98.3   | 99.8   | 104.9  | 111.3  | 116.8  | 122.8  | 129.7  | 137.1  | 138.6  | 141.4  | 143.1  |
| 80°    | 80.8   | 80.8   | 80.8   | 84.6   | 91.0   | 95.6   | 102.0  | 105.8  | 108.4  | 109.1  | 109.7  |
| 82.5°  | 64.9   | 64.9   | 64.4   | 65.1   | 67.5   | 69.9   | 75.8   | 80.2   | 82.2   | 81.8   | 80.4   |
| 85°    | 42.3   | 41.1   | 41.1   | 40.4   | 41.1   | 39.8   | 39.1   | 41.7   | 45.5   | 45.5   | 44.3   |
| 87.5°  | 19.0   | 18.6   | 18.9   | 18.2   | 17.5   | 16.8   | 15.1   | 15.5   | 15.3   | 17.2   | 16.6   |
| 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: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-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 |



TEST NUMBER: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1506.6 | 1512.2 | 1519.4 | 1530.2 | 1538.4 | 1545.6 | 1547.1 | 1549.2 | 1554.3 | 1563.0 | 1569.7 |
| 5°     | 1516.4 | 1531.1 | 1554.8 | 1577.9 | 1603.0 | 1623.4 | 1642.7 | 1656.1 | 1669.0 | 1695.9 | 1717.8 |
| 7.5°   | 1513.3 | 1546.1 | 1583.3 | 1624.8 | 1666.7 | 1707.3 | 1745.1 | 1778.9 | 1812.4 | 1851.7 | 1896.5 |
| 10°    | 1511.2 | 1549.7 | 1599.7 | 1652.9 | 1711.4 | 1768.4 | 1823.6 | 1866.6 | 1916.6 | 1961.5 | 2018.5 |
| 12.5°  | 1501.5 | 1556.9 | 1616.6 | 1684.8 | 1756.5 | 1822.3 | 1894.9 | 1954.3 | 2011.6 | 2076.4 | 2142.8 |
| 15°    | 1488.7 | 1556.1 | 1631.8 | 1722.2 | 1831.3 | 1910.8 | 1985.2 | 2088.5 | 2159.1 | 2229.6 | 2324.6 |
| 17.5°  | 1465.6 | 1547.7 | 1642.3 | 1759.8 | 1850.8 | 1957.7 | 2069.6 | 2151.3 | 2246.3 | 2345.7 | 2431.7 |
| 20°    | 1447.1 | 1542.7 | 1648.5 | 1764.0 | 1880.0 | 1996.1 | 2104.5 | 2202.1 | 2300.2 | 2415.0 | 2485.6 |
| 22.5°  | 1428.6 | 1523.1 | 1633.0 | 1755.8 | 1880.6 | 2002.8 | 2125.5 | 2240.0 | 2350.4 | 2466.3 | 2556.4 |
| 25°    | 1389.3 | 1501.6 | 1620.9 | 1746.0 | 1869.2 | 2003.8 | 2150.0 | 2277.7 | 2414.3 | 2533.6 | 2618.9 |
| 27.5°  | 1349.5 | 1452.5 | 1571.2 | 1698.1 | 1835.0 | 1994.2 | 2166.2 | 2311.3 | 2448.3 | 2533.6 | 2560.5 |
| 30°    | 1313.6 | 1422.7 | 1531.7 | 1660.7 | 1808.8 | 1986.5 | 2169.4 | 2335.4 | 2447.7 | 2484.9 | 2457.3 |
| 32.5°  | 1277.2 | 1376.0 | 1484.0 | 1616.0 | 1773.4 | 1967.6 | 2173.4 | 2321.1 | 2388.7 | 2360.2 | 2248.0 |
| 35°    | 1213.0 | 1302.1 | 1406.7 | 1538.8 | 1719.7 | 1957.0 | 2156.5 | 2256.5 | 2239.9 | 2079.5 | 1867.8 |
| 37.5°  | 1144.2 | 1216.8 | 1313.6 | 1451.8 | 1664.0 | 1915.3 | 2083.6 | 2098.4 | 1954.1 | 1707.9 | 1463.4 |
| 40°    | 1089.8 | 1155.2 | 1254.6 | 1398.9 | 1620.9 | 1874.2 | 2010.3 | 1950.6 | 1726.7 | 1452.8 | 1248.9 |
| 42.5°  | 1036.9 | 1092.1 | 1187.9 | 1343.5 | 1579.9 | 1818.4 | 1900.9 | 1771.0 | 1512.8 | 1253.8 | 1068.3 |
| 45°    | 947.3  | 999.4  | 1095.5 | 1255.3 | 1495.8 | 1711.4 | 1700.4 | 1474.6 | 1216.2 | 1007.7 | 853.8  |
| 47.5°  | 862.4  | 907.9  | 998.2  | 1161.2 | 1397.1 | 1551.0 | 1449.0 | 1208.7 | 989.5  | 822.2  | 712.4  |
| 50°    | 802.4  | 847.3  | 937.2  | 1098.2 | 1318.1 | 1430.4 | 1284.8 | 1053.2 | 852.4  | 713.9  | 626.7  |
| 52.5°  | 745.0  | 788.8  | 870.9  | 1027.8 | 1222.7 | 1289.8 | 1133.4 | 918.8  | 751.4  | 631.8  | 556.9  |
| 55°    | 664.5  | 697.9  | 771.7  | 921.7  | 1067.3 | 1082.7 | 924.3  | 744.7  | 606.8  | 523.4  | 472.1  |
| 57.5°  | 582.6  | 611.2  | 684.2  | 803.7  | 905.8  | 897.9  | 747.6  | 592.3  | 499.5  | 437.4  | 400.3  |
| 60°    | 529.1  | 557.4  | 621.5  | 724.2  | 801.2  | 774.2  | 636.3  | 511.2  | 431.7  | 386.2  | 356.7  |
| 62.5°  | 479.4  | 501.4  | 561.5  | 636.4  | 691.8  | 661.3  | 543.9  | 440.5  | 377.3  | 338.9  | 315.6  |
| 65°    | 407.3  | 425.3  | 473.3  | 512.5  | 543.3  | 513.8  | 416.3  | 344.4  | 298.9  | 271.9  | 255.9  |
| 67.5°  | 338.8  | 350.2  | 380.6  | 394.7  | 416.4  | 384.1  | 313.0  | 264.9  | 239.0  | 216.3  | 205.1  |
| 70°    | 295.7  | 304.1  | 320.1  | 331.6  | 337.4  | 304.1  | 251.5  | 216.1  | 194.4  | 178.3  | 171.3  |
| 72.5°  | 252.6  | 260.0  | 263.2  | 272.6  | 269.7  | 238.4  | 202.2  | 174.1  | 158.4  | 147.5  | 138.5  |
| 75°    | 193.0  | 196.2  | 193.0  | 189.3  | 180.9  | 159.1  | 134.0  | 120.0  | 108.4  | 103.3  | 100.1  |
| 77.5°  | 140.7  | 139.7  | 135.3  | 129.3  | 115.1  | 101.3  | 87.8   | 83.1   | 78.1   | 75.4   | 74.3   |
| 80°    | 108.4  | 105.8  | 102.0  | 92.4   | 80.2   | 70.6   | 67.4   | 64.2   | 62.2   | 59.0   | 58.3   |
| 82.5°  | 80.7   | 79.2   | 72.8   | 64.7   | 56.1   | 51.6   | 48.9   | 47.7   | 45.8   | 44.1   | 44.0   |
| 85°    | 43.0   | 41.1   | 34.0   | 29.5   | 28.2   | 27.0   | 26.3   | 26.3   | 23.8   | 23.1   | 23.1   |
| 87.5°  | 14.1   | 11.2   | 10.8   | 9.4    | 9.6    | 8.8    | 9.5    | 8.7    | 8.3    | 8.8    | 7.8    |
| 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: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-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: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 | 1498.4 |
| 2.5°   | 1580.5 | 1580.5 | 1582.5 | 1590.3 | 1591.3 | 1597.9 | 1595.9 |
| 5°     | 1737.0 | 1749.2 | 1753.7 | 1772.9 | 1784.4 | 1789.6 | 1779.3 |
| 7.5°   | 1928.4 | 1962.8 | 1979.1 | 1999.2 | 2017.0 | 2022.4 | 2008.5 |
| 10°    | 2067.9 | 2103.8 | 2134.0 | 2152.7 | 2169.9 | 2181.5 | 2196.2 |
| 12.5°  | 2202.9 | 2247.0 | 2275.7 | 2302.0 | 2319.8 | 2334.4 | 2336.8 |
| 15°    | 2349.6 | 2416.3 | 2466.9 | 2504.1 | 2522.7 | 2532.3 | 2528.6 |
| 17.5°  | 2497.5 | 2559.3 | 2595.4 | 2633.4 | 2659.1 | 2660.4 | 2661.2 |
| 20°    | 2581.2 | 2641.4 | 2683.1 | 2711.3 | 2740.2 | 2738.9 | 2745.3 |
| 22.5°  | 2637.0 | 2684.5 | 2716.5 | 2737.0 | 2746.9 | 2742.0 | 2743.3 |
| 25°    | 2663.2 | 2677.3 | 2671.5 | 2638.8 | 2630.5 | 2600.4 | 2605.5 |
| 27.5°  | 2528.3 | 2461.5 | 2392.6 | 2303.8 | 2233.7 | 2177.7 | 2180.6 |
| 30°    | 2345.0 | 2227.0 | 2092.4 | 1979.4 | 1878.1 | 1849.9 | 1789.6 |
| 32.5°  | 2089.1 | 1911.9 | 1754.2 | 1649.0 | 1562.0 | 1538.4 | 1485.8 |
| 35°    | 1654.9 | 1483.0 | 1320.7 | 1223.2 | 1184.7 | 1130.9 | 1130.2 |
| 37.5°  | 1286.3 | 1134.9 | 1049.1 | 976.0  | 937.6  | 905.0  | 901.8  |
| 40°    | 1082.1 | 964.0  | 899.3  | 846.7  | 808.9  | 784.5  | 778.7  |
| 42.5°  | 939.4  | 844.0  | 783.3  | 750.7  | 721.6  | 709.1  | 699.6  |
| 45°    | 767.1  | 703.0  | 660.6  | 631.1  | 617.7  | 608.0  | 602.9  |
| 47.5°  | 641.7  | 598.7  | 569.9  | 550.3  | 539.3  | 529.1  | 531.9  |
| 50°    | 573.4  | 538.2  | 517.0  | 498.4  | 490.0  | 483.0  | 483.6  |
| 52.5°  | 518.5  | 486.8  | 469.8  | 456.3  | 445.9  | 440.9  | 438.5  |
| 55°    | 440.0  | 420.1  | 402.8  | 393.2  | 387.4  | 380.4  | 378.4  |
| 57.5°  | 375.3  | 360.0  | 345.8  | 335.0  | 333.6  | 326.8  | 327.6  |
| 60°    | 332.2  | 319.4  | 307.9  | 302.1  | 297.7  | 291.8  | 293.8  |
| 62.5°  | 296.9  | 286.1  | 275.6  | 270.8  | 266.4  | 262.1  | 263.0  |
| 65°    | 243.1  | 232.8  | 226.4  | 223.9  | 222.0  | 220.0  | 218.1  |
| 67.5°  | 193.7  | 187.5  | 183.4  | 178.0  | 174.0  | 173.3  | 171.4  |
| 70°    | 163.0  | 154.6  | 147.5  | 140.4  | 138.6  | 137.9  | 138.6  |
| 72.5°  | 130.6  | 125.4  | 123.4  | 120.0  | 119.6  | 117.9  | 119.0  |
| 75°    | 98.1   | 96.2   | 94.9   | 92.4   | 92.4   | 92.4   | 92.4   |
| 77.5°  | 72.4   | 71.2   | 70.4   | 69.9   | 69.3   | 68.3   | 68.2   |
| 80°    | 56.5   | 55.8   | 54.5   | 54.5   | 53.9   | 54.5   | 53.9   |
| 82.5°  | 42.6   | 42.5   | 41.2   | 41.2   | 40.5   | 40.2   | 40.5   |
| 85°    | 21.8   | 21.2   | 22.4   | 21.2   | 21.8   | 20.5   | 21.8   |
| 87.5°  | 7.9    | 7.9    | 7.5    | 7.5    | 7.1    | 8.2    | 7.1    |
| 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: P332332-830

CATALOG NUMBER: S123RDIP-S1000D365U830-4F0-1E-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)