

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: P332590-840

Luminaire Tested: **SA4XXDIP-C795D590U840-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332590-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

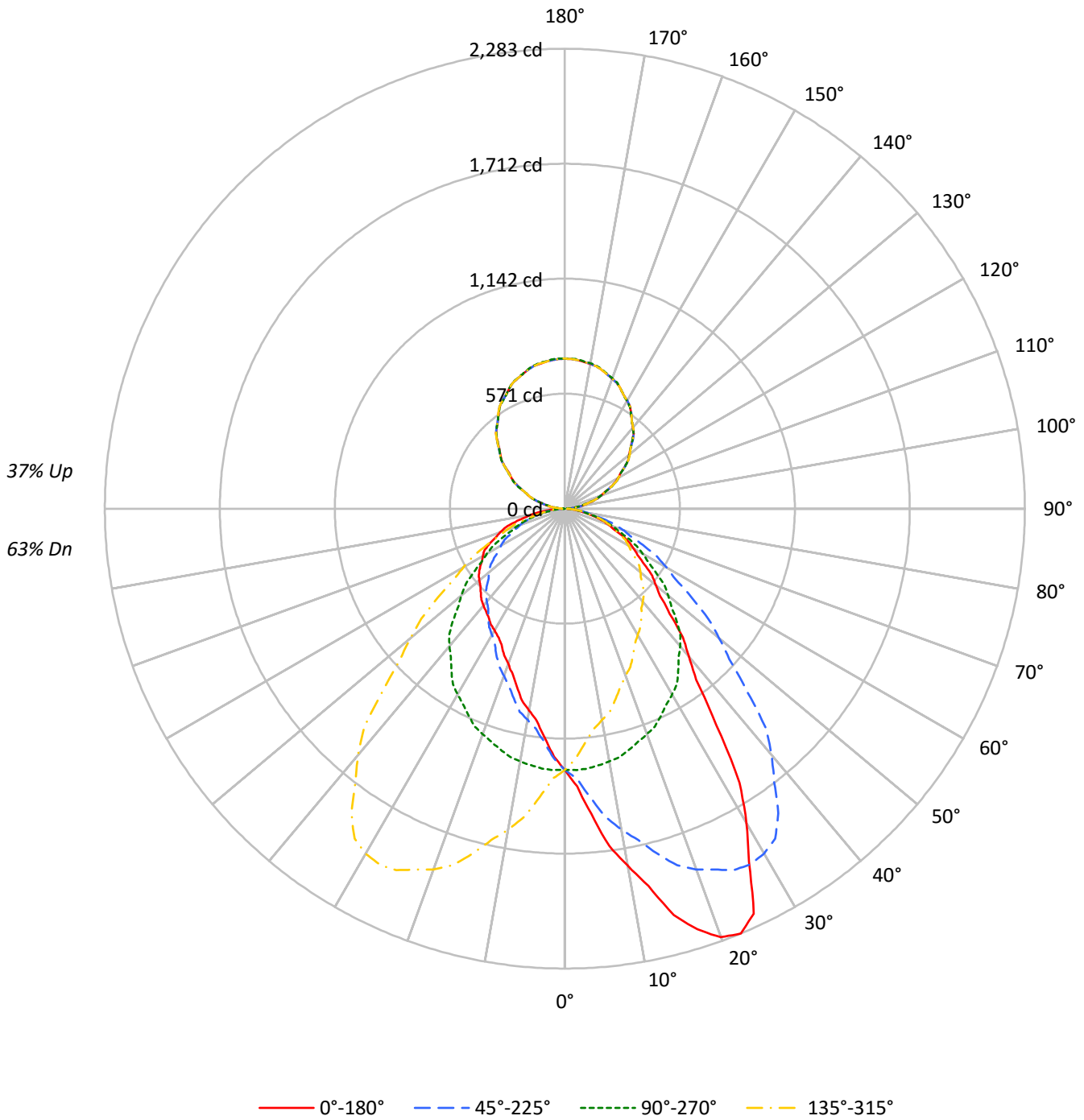
Lumens per Lamp: N/A  
Luminaire Lumens: 5645.6 lumens  
Efficiency: N/A  
Efficacy: 140.1 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 40.3  
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: P332590-840  
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### Luminous Intensity Polar Plot





TEST NUMBER: P332590-840

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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 | 50 | 30 | 10 | 0  |   |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| 0   | 110 | 110 | 110 | 110 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 79 | 79 | 79 | 68 | 68 | 68 | 63 |    |    |    |   |
| 1   | 101 | 97  | 93  | 89  | 95  | 91  | 88  | 85  | 80 | 78 | 75 | 70 | 68 | 67 | 61 | 60 | 58 | 54 |    |    |    |   |
| 2   | 92  | 85  | 79  | 74  | 86  | 80  | 74  | 70  | 71 | 66 | 63 | 62 | 59 | 56 | 54 | 52 | 50 | 46 |    |    |    |   |
| 3   | 84  | 75  | 67  | 62  | 79  | 71  | 64  | 59  | 62 | 57 | 53 | 55 | 51 | 48 | 48 | 45 | 43 | 39 |    |    |    |   |
| 4   | 77  | 67  | 59  | 52  | 72  | 63  | 56  | 50  | 56 | 50 | 46 | 49 | 45 | 41 | 43 | 40 | 37 | 34 |    |    |    |   |
| 5   | 71  | 59  | 51  | 45  | 67  | 56  | 49  | 43  | 50 | 44 | 40 | 44 | 40 | 36 | 39 | 35 | 32 | 29 |    |    |    |   |
| 6   | 66  | 54  | 45  | 39  | 62  | 51  | 43  | 38  | 45 | 39 | 35 | 40 | 35 | 32 | 36 | 32 | 29 | 26 |    |    |    |   |
| 7   | 61  | 48  | 40  | 35  | 57  | 46  | 39  | 33  | 41 | 35 | 31 | 37 | 32 | 28 | 32 | 29 | 26 | 23 |    |    |    |   |
| 8   | 57  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 38 | 32 | 27 | 34 | 29 | 25 | 30 | 26 | 23 | 21 |    |    |    |   |
| 9   | 53  | 40  | 33  | 28  | 50  | 38  | 31  | 27  | 35 | 29 | 25 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |    |    |    |   |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 29  | 24  | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 | 17 |    |    |    |   |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10467 | 10467 | 10467 | 10467 |
| 5°  | 12327 | 10494 | 9263  | 10494 |
| 10° | 14758 | 10449 | 8338  | 10449 |
| 15° | 17462 | 10343 | 7658  | 10343 |
| 20° | 19444 | 10234 | 7050  | 10234 |
| 25° | 19759 | 10075 | 6631  | 10075 |
| 30° | 16812 | 9923  | 6498  | 9923  |
| 35° | 12925 | 9676  | 6500  | 9676  |
| 40° | 10075 | 9385  | 6622  | 9385  |
| 45° | 8401  | 8947  | 6734  | 8947  |
| 50° | 7394  | 8411  | 6962  | 8411  |
| 55° | 6773  | 7771  | 7241  | 7771  |
| 60° | 6347  | 7198  | 7579  | 7198  |
| 65° | 5908  | 6556  | 7859  | 6556  |
| 70° | 5401  | 5922  | 8037  | 5922  |
| 75° | 4825  | 5209  | 7941  | 5209  |
| 80° | 4049  | 4268  | 7689  | 4268  |
| 85° | 2983  | 3084  | 7364  | 3084  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 126.3  | 2.2       |
| 10°-20°   | 389.3  | 6.9       |
| 20°-30°   | 617.4  | 10.9      |
| 30°-40°   | 687.1  | 12.2      |
| 40°-50°   | 625.4  | 11.1      |
| 50°-60°   | 511.1  | 9.1       |
| 60°-70°   | 364.8  | 6.5       |
| 70°-80°   | 200.9  | 3.6       |
| 80°-90°   | 57.1   | 1.0       |
| 90°-100°  | 49.1   | 0.9       |
| 100°-110° | 145.5  | 2.6       |
| 110°-120° | 247.0  | 4.4       |
| 120°-130° | 325.7  | 5.8       |
| 130°-140° | 365.7  | 6.5       |
| 140°-150° | 359.4  | 6.4       |
| 150°-160° | 302.3  | 5.4       |
| 160°-170° | 201.1  | 3.6       |
| 170°-180° | 70.4   | 1.2       |
| 0°-30°    | 1133.0 | 20.1      |
| 0°-40°    | 1820.1 | 32.2      |
| 0°-60°    | 2956.5 | 52.4      |
| 0°-90°    | 3579.4 | 63.4      |
| 90°-120°  | 441.6  | 7.8       |
| 90°-150°  | 1492.4 | 26.4      |
| 90°-180°  | 2066.0 | 36.6      |
| 0°-180°   | 5645.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1297 | 1297 | 1297 | 1297 | 1297 |      |
| 5°   | 1521 | 1295 | 1143 | 1295 | 1521 | 155  |
| 15°  | 2089 | 1238 | 916  | 1238 | 2089 | 590  |
| 25°  | 2218 | 1131 | 744  | 1131 | 2218 | 978  |
| 35°  | 1312 | 982  | 660  | 982  | 1312 | 832  |
| 45°  | 736  | 784  | 590  | 784  | 736  | 580  |
| 55°  | 481  | 552  | 514  | 552  | 481  | 435  |
| 65°  | 309  | 343  | 411  | 343  | 309  | 306  |
| 75°  | 155  | 167  | 255  | 167  | 155  | 164  |
| 85°  | 32   | 33   | 80   | 33   | 32   | 40   |
| 90°  | 17   | 2    | 17   | 2    | 17   | 10   |
| 95°  | 46   | 34   | 46   | 34   | 46   | 47   |
| 105° | 141  | 134  | 141  | 134  | 141  | 148  |
| 115° | 249  | 251  | 249  | 251  | 249  | 246  |
| 125° | 363  | 366  | 363  | 366  | 363  | 324  |
| 135° | 472  | 472  | 472  | 472  | 472  | 365  |
| 145° | 574  | 573  | 574  | 573  | 574  | 359  |
| 155° | 656  | 657  | 656  | 657  | 656  | 302  |
| 165° | 713  | 715  | 713  | 715  | 713  | 201  |
| 175° | 740  | 744  | 740  | 744  | 740  | 70   |
| 180° | 745  | 745  | 745  | 745  | 745  |      |



TEST NUMBER: P332590-840

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1379.9 | 1379.5 | 1375.1 | 1374.3 | 1371.3 | 1367.5 | 1366.5 | 1359.7 | 1345.9 | 1339.5 | 1337.8 |
| 5°     | 1521.1 | 1531.8 | 1517.8 | 1515.1 | 1513.5 | 1495.8 | 1486.6 | 1475.9 | 1451.2 | 1436.7 | 1425.4 |
| 7.5°   | 1689.5 | 1690.7 | 1684.7 | 1679.7 | 1666.1 | 1650.5 | 1627.4 | 1602.7 | 1573.3 | 1542.6 | 1519.5 |
| 10°    | 1800.3 | 1804.6 | 1797.7 | 1796.5 | 1769.2 | 1752.0 | 1717.6 | 1688.6 | 1655.3 | 1618.2 | 1584.4 |
| 12.5°  | 1917.2 | 1911.2 | 1907.6 | 1884.6 | 1879.6 | 1848.3 | 1808.3 | 1778.4 | 1727.1 | 1684.5 | 1639.4 |
| 15°    | 2089.3 | 2077.5 | 2069.9 | 2038.2 | 2022.7 | 1979.1 | 1936.7 | 1904.0 | 1836.8 | 1772.9 | 1724.5 |
| 17.5°  | 2190.2 | 2202.0 | 2184.6 | 2171.6 | 2131.3 | 2100.8 | 2057.5 | 1988.7 | 1936.2 | 1856.8 | 1795.8 |
| 20°    | 2263.3 | 2264.3 | 2254.7 | 2241.3 | 2209.6 | 2170.9 | 2123.6 | 2048.4 | 1985.6 | 1906.6 | 1822.9 |
| 22.5°  | 2283.0 | 2283.3 | 2279.2 | 2266.6 | 2242.6 | 2211.3 | 2163.6 | 2100.8 | 2024.7 | 1938.8 | 1855.1 |
| 25°    | 2218.2 | 2216.0 | 2220.9 | 2234.8 | 2225.6 | 2216.0 | 2188.6 | 2141.9 | 2071.0 | 1980.2 | 1890.0 |
| 27.5°  | 1977.1 | 1992.0 | 2019.2 | 2053.6 | 2086.7 | 2111.9 | 2119.0 | 2109.4 | 2065.5 | 1990.8 | 1896.3 |
| 30°    | 1803.5 | 1821.8 | 1842.2 | 1876.5 | 1943.2 | 1981.4 | 2023.2 | 2054.9 | 2037.2 | 1977.5 | 1889.5 |
| 32.5°  | 1612.8 | 1617.3 | 1647.6 | 1686.7 | 1747.7 | 1821.1 | 1887.4 | 1951.8 | 1973.2 | 1941.9 | 1868.5 |
| 35°    | 1311.5 | 1319.1 | 1351.8 | 1390.5 | 1465.2 | 1554.9 | 1654.8 | 1743.9 | 1817.5 | 1847.0 | 1809.5 |
| 37.5°  | 1070.3 | 1091.9 | 1115.0 | 1156.6 | 1222.3 | 1303.0 | 1406.8 | 1522.2 | 1631.8 | 1705.4 | 1717.8 |
| 40°    | 956.0  | 969.5  | 986.1  | 1017.7 | 1073.6 | 1153.2 | 1242.2 | 1374.4 | 1491.0 | 1596.2 | 1630.6 |
| 42.5°  | 865.8  | 873.6  | 883.8  | 912.5  | 955.0  | 1034.1 | 1115.5 | 1231.7 | 1348.8 | 1474.6 | 1532.2 |
| 45°    | 735.8  | 743.9  | 761.0  | 777.7  | 809.9  | 864.7  | 940.4  | 1036.0 | 1153.7 | 1275.1 | 1381.4 |
| 47.5°  | 642.0  | 647.1  | 657.3  | 675.1  | 702.5  | 738.6  | 800.2  | 880.1  | 989.1  | 1106.9 | 1220.2 |
| 50°    | 588.7  | 592.9  | 601.0  | 617.1  | 638.0  | 670.2  | 720.7  | 795.5  | 880.8  | 999.6  | 1110.6 |
| 52.5°  | 546.5  | 548.3  | 554.2  | 565.1  | 581.8  | 608.8  | 650.3  | 712.1  | 791.4  | 897.3  | 1008.0 |
| 55°    | 481.2  | 483.4  | 488.8  | 496.9  | 511.3  | 528.5  | 560.2  | 606.3  | 675.7  | 767.5  | 863.6  |
| 57.5°  | 427.5  | 429.0  | 433.5  | 436.7  | 448.6  | 462.5  | 487.0  | 519.9  | 572.4  | 650.3  | 736.1  |
| 60°    | 393.1  | 392.0  | 397.5  | 400.1  | 408.2  | 420.0  | 438.8  | 470.5  | 516.1  | 579.0  | 657.9  |
| 62.5°  | 359.6  | 358.1  | 362.6  | 366.2  | 370.8  | 380.9  | 396.3  | 421.1  | 458.2  | 514.9  | 583.2  |
| 65°    | 309.3  | 307.2  | 309.9  | 314.2  | 318.5  | 323.9  | 335.2  | 357.2  | 386.7  | 427.5  | 479.6  |
| 67.5°  | 258.8  | 261.2  | 261.6  | 263.7  | 266.2  | 273.5  | 281.2  | 296.8  | 317.6  | 350.3  | 394.5  |
| 70°    | 228.8  | 229.3  | 231.5  | 231.5  | 233.1  | 239.5  | 246.0  | 255.1  | 275.5  | 305.6  | 341.5  |
| 72.5°  | 198.7  | 201.0  | 200.2  | 201.9  | 203.0  | 207.3  | 212.1  | 220.8  | 238.1  | 260.4  | 290.8  |
| 75°    | 154.7  | 156.3  | 156.3  | 156.8  | 158.4  | 160.1  | 163.8  | 170.3  | 182.6  | 199.2  | 220.3  |
| 77.5°  | 112.8  | 113.0  | 113.7  | 115.7  | 115.7  | 118.3  | 121.1  | 126.2  | 132.3  | 143.7  | 156.5  |
| 80°    | 87.1   | 88.1   | 87.6   | 88.7   | 88.7   | 90.8   | 91.8   | 98.3   | 101.0  | 108.5  | 118.7  |
| 82.5°  | 63.8   | 64.8   | 64.7   | 66.2   | 67.2   | 67.6   | 69.1   | 71.6   | 74.3   | 81.0   | 85.1   |
| 85°    | 32.2   | 33.3   | 32.2   | 33.3   | 34.9   | 35.4   | 37.1   | 37.6   | 39.8   | 41.4   | 45.1   |
| 87.5°  | 12.9   | 14.1   | 14.1   | 14.4   | 15.2   | 15.7   | 15.9   | 15.3   | 16.9   | 17.2   | 18.7   |
| 90°    | 17.3   | 17.1   | 16.8   | 16.6   | 16.3   | 15.8   | 14.9   | 14.2   | 13.4   | 12.6   | 11.6   |
| 92.5°  | 25.5   | 25.4   | 25.2   | 25.1   | 24.9   | 24.6   | 24.2   | 23.7   | 23.2   | 22.8   | 22.1   |
| 95°    | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   | 45.3   | 44.9   | 44.5   | 44.1   | 43.7   | 42.9   |
| 97.5°  | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.1   | 70.6   | 70.2   | 69.7   | 69.3   | 68.2   |
| 100°   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   | 89.2   | 88.9   | 88.7   | 88.4   | 88.2   | 86.9   |
| 102.5° | 109.6  | 109.5  | 109.4  | 109.3  | 109.2  | 108.9  | 108.6  | 108.2  | 107.9  | 107.4  | 106.4  |
| 105°   | 140.6  | 140.2  | 139.8  | 139.4  | 139.0  | 138.7  | 138.3  | 137.8  | 137.4  | 137.0  | 136.5  |
| 107.5° | 170.8  | 170.8  | 170.8  | 170.8  | 170.9  | 170.7  | 170.3  | 170.0  | 169.6  | 169.3  | 169.2  |
| 110°   | 192.4  | 192.0  | 191.6  | 191.3  | 190.9  | 190.8  | 191.1  | 191.3  | 191.6  | 191.8  | 192.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.5 | 214.4 | 214.3 | 214.3 | 214.2 | 214.2 | 214.2 | 214.3 | 214.3 | 214.4 | 214.6 |
| 115°   | 248.8 | 248.9 | 249.0 | 249.2 | 249.3 | 249.4 | 249.6 | 249.7 | 249.8 | 249.9 | 250.2 |
| 117.5° | 281.6 | 281.8 | 282.1 | 282.3 | 282.6 | 282.9 | 283.4 | 283.8 | 284.2 | 284.7 | 284.8 |
| 120°   | 306.4 | 306.2 | 305.9 | 305.7 | 305.4 | 305.6 | 306.2 | 306.9 | 307.5 | 308.1 | 308.5 |
| 122.5° | 327.2 | 327.6 | 328.1 | 328.5 | 329.0 | 329.4 | 329.9 | 330.3 | 330.7 | 331.2 | 331.3 |
| 125°   | 362.8 | 363.1 | 363.3 | 363.7 | 363.9 | 364.2 | 364.4 | 364.7 | 364.9 | 365.2 | 365.3 |
| 127.5° | 396.0 | 396.2 | 396.4 | 396.6 | 396.8 | 397.0 | 397.3 | 397.5 | 397.8 | 398.0 | 398.2 |
| 130°   | 417.6 | 418.1 | 418.6 | 419.1 | 419.6 | 420.0 | 420.3 | 420.5 | 420.8 | 421.0 | 421.0 |
| 132.5° | 440.6 | 440.8 | 441.0 | 441.2 | 441.4 | 441.7 | 441.9 | 442.2 | 442.4 | 442.7 | 442.8 |
| 135°   | 472.3 | 472.7 | 473.0 | 473.4 | 473.8 | 474.1 | 474.4 | 474.6 | 474.9 | 475.1 | 475.1 |
| 137.5° | 505.6 | 505.5 | 505.4 | 505.3 | 505.2 | 505.4 | 505.7 | 506.0 | 506.4 | 506.8 | 506.5 |
| 140°   | 525.8 | 526.0 | 526.1 | 526.2 | 526.3 | 526.5 | 526.6 | 526.7 | 526.8 | 527.0 | 527.0 |
| 142.5° | 546.1 | 546.1 | 546.2 | 546.2 | 546.2 | 546.2 | 546.3 | 546.3 | 546.3 | 546.3 | 546.4 |
| 145°   | 573.7 | 574.0 | 574.4 | 574.8 | 575.2 | 575.4 | 575.6 | 575.7 | 575.8 | 575.9 | 575.8 |
| 147.5° | 601.6 | 601.7 | 601.8 | 602.0 | 602.1 | 602.2 | 602.3 | 602.4 | 602.5 | 602.6 | 602.7 |
| 150°   | 618.6 | 618.7 | 618.8 | 618.9 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 |
| 152.5° | 634.3 | 634.6 | 634.9 | 635.3 | 635.6 | 635.6 | 635.3 | 635.0 | 634.7 | 634.4 | 634.3 |
| 155°   | 656.0 | 656.5 | 657.0 | 657.5 | 658.1 | 658.1 | 657.5 | 657.0 | 656.5 | 656.0 | 656.2 |
| 157.5° | 675.5 | 675.9 | 676.4 | 676.8 | 677.2 | 677.3 | 676.9 | 676.5 | 676.1 | 675.7 | 675.8 |
| 160°   | 686.6 | 687.2 | 687.8 | 688.5 | 689.1 | 689.2 | 688.8 | 688.5 | 688.1 | 687.7 | 687.8 |
| 162.5° | 698.1 | 698.7 | 699.3 | 700.0 | 700.6 | 700.6 | 699.9 | 699.2 | 698.5 | 697.8 | 698.0 |
| 165°   | 713.1 | 713.6 | 714.1 | 714.6 | 715.1 | 715.0 | 714.2 | 713.5 | 712.7 | 712.0 | 712.2 |
| 167.5° | 723.8 | 724.6 | 725.4 | 726.2 | 726.9 | 727.0 | 726.2 | 725.4 | 724.7 | 723.9 | 723.9 |
| 170°   | 729.7 | 730.6 | 731.5 | 732.5 | 733.4 | 733.4 | 732.7 | 731.8 | 731.1 | 730.3 | 730.2 |
| 172.5° | 734.9 | 735.7 | 736.6 | 737.5 | 738.4 | 738.4 | 737.6 | 736.7 | 735.8 | 735.0 | 734.9 |
| 175°   | 740.1 | 741.0 | 741.9 | 742.9 | 743.7 | 743.7 | 742.9 | 741.9 | 741.0 | 740.1 | 740.2 |
| 177.5° | 742.9 | 743.7 | 744.6 | 745.4 | 746.2 | 746.2 | 745.5 | 744.8 | 744.1 | 743.4 | 743.4 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1338.2 | 1332.2 | 1327.9 | 1324.4 | 1315.0 | 1309.4 | 1305.1 | 1299.1 | 1292.2 | 1285.0 | 1275.9 |
| 5°     | 1414.1 | 1395.8 | 1382.5 | 1362.0 | 1342.7 | 1326.6 | 1310.0 | 1294.9 | 1276.7 | 1256.8 | 1242.2 |
| 7.5°   | 1494.0 | 1466.8 | 1432.0 | 1401.8 | 1367.9 | 1338.3 | 1311.9 | 1284.9 | 1256.7 | 1229.4 | 1204.4 |
| 10°    | 1544.7 | 1509.7 | 1471.1 | 1425.4 | 1382.5 | 1344.3 | 1308.9 | 1274.6 | 1241.2 | 1207.9 | 1179.4 |
| 12.5°  | 1599.2 | 1555.7 | 1498.5 | 1445.2 | 1397.0 | 1346.0 | 1303.3 | 1261.2 | 1221.0 | 1186.0 | 1152.8 |
| 15°    | 1672.4 | 1609.6 | 1543.6 | 1472.2 | 1408.8 | 1349.2 | 1290.6 | 1237.5 | 1192.3 | 1146.1 | 1113.9 |
| 17.5°  | 1717.5 | 1639.7 | 1564.2 | 1489.6 | 1412.9 | 1337.7 | 1274.6 | 1213.2 | 1156.7 | 1110.8 | 1070.2 |
| 20°    | 1747.2 | 1669.8 | 1575.8 | 1501.2 | 1409.9 | 1332.5 | 1259.5 | 1191.2 | 1132.2 | 1083.3 | 1041.4 |
| 22.5°  | 1772.9 | 1683.5 | 1589.5 | 1491.3 | 1400.4 | 1318.4 | 1238.4 | 1169.7 | 1109.4 | 1057.9 | 1017.7 |
| 25°    | 1786.9 | 1684.3 | 1582.3 | 1484.5 | 1381.4 | 1284.1 | 1211.6 | 1131.1 | 1066.6 | 1012.4 | 969.5  |
| 27.5°  | 1788.4 | 1678.7 | 1563.3 | 1454.6 | 1348.2 | 1257.7 | 1166.1 | 1094.2 | 1027.2 | 969.9  | 928.6  |
| 30°    | 1783.6 | 1669.3 | 1545.2 | 1427.5 | 1320.7 | 1222.4 | 1143.0 | 1064.5 | 996.3  | 939.4  | 896.4  |
| 32.5°  | 1768.6 | 1649.5 | 1522.0 | 1397.5 | 1286.8 | 1190.6 | 1108.5 | 1034.0 | 967.6  | 911.4  | 866.4  |
| 35°    | 1725.2 | 1607.5 | 1471.6 | 1342.2 | 1228.8 | 1131.7 | 1057.5 | 981.8  | 915.2  | 862.0  | 818.5  |
| 37.5°  | 1657.1 | 1550.7 | 1412.6 | 1278.7 | 1167.4 | 1069.8 | 996.3  | 927.9  | 867.8  | 813.7  | 769.2  |
| 40°    | 1597.8 | 1504.4 | 1365.8 | 1235.3 | 1115.0 | 1022.1 | 953.3  | 890.5  | 830.9  | 779.8  | 737.4  |
| 42.5°  | 1529.5 | 1448.0 | 1320.3 | 1182.0 | 1066.0 | 972.7  | 905.6  | 849.2  | 793.0  | 745.9  | 703.5  |
| 45°    | 1407.7 | 1354.0 | 1233.7 | 1105.9 | 985.0  | 897.0  | 833.0  | 783.7  | 736.4  | 690.1  | 654.7  |
| 47.5°  | 1267.6 | 1241.0 | 1139.7 | 1018.3 | 903.6  | 816.8  | 761.3  | 715.7  | 674.3  | 635.2  | 603.9  |
| 50°    | 1173.6 | 1160.6 | 1073.1 | 956.0  | 846.5  | 764.8  | 708.9  | 669.7  | 634.3  | 600.0  | 570.4  |
| 52.5°  | 1080.8 | 1080.3 | 1001.4 | 894.1  | 792.7  | 714.1  | 658.6  | 622.1  | 591.4  | 563.4  | 536.8  |
| 55°    | 938.9  | 953.8  | 892.1  | 796.5  | 705.7  | 634.8  | 584.9  | 552.1  | 530.7  | 507.6  | 487.7  |
| 57.5°  | 808.5  | 833.4  | 782.5  | 698.3  | 622.6  | 557.2  | 513.8  | 489.2  | 466.3  | 452.3  | 437.9  |
| 60°    | 723.5  | 747.1  | 707.3  | 636.4  | 565.0  | 509.2  | 467.8  | 445.8  | 425.9  | 416.3  | 406.1  |
| 62.5°  | 647.8  | 668.9  | 639.4  | 573.7  | 511.7  | 458.1  | 423.1  | 401.9  | 388.5  | 378.0  | 371.2  |
| 65°    | 539.8  | 557.4  | 532.3  | 484.4  | 431.3  | 388.3  | 359.8  | 343.2  | 330.3  | 326.0  | 318.5  |
| 67.5°  | 436.4  | 452.4  | 438.8  | 398.2  | 355.6  | 323.0  | 300.7  | 284.8  | 277.1  | 273.4  | 268.0  |
| 70°    | 374.9  | 391.0  | 376.5  | 341.0  | 308.3  | 280.9  | 259.9  | 250.9  | 242.8  | 241.2  | 233.6  |
| 72.5°  | 322.9  | 333.9  | 319.3  | 291.6  | 263.6  | 240.5  | 224.3  | 214.7  | 210.6  | 207.6  | 203.6  |
| 75°    | 242.3  | 251.9  | 242.3  | 220.8  | 200.9  | 184.8  | 170.8  | 167.0  | 162.2  | 160.6  | 157.9  |
| 77.5°  | 171.5  | 179.9  | 172.4  | 159.0  | 144.1  | 131.7  | 124.2  | 119.4  | 118.3  | 115.4  | 116.7  |
| 80°    | 131.1  | 136.4  | 129.5  | 120.3  | 108.5  | 99.9   | 94.5   | 91.8   | 88.7   | 87.6   | 89.7   |
| 82.5°  | 94.1   | 96.4   | 92.9   | 86.7   | 78.0   | 72.4   | 68.8   | 65.6   | 65.0   | 65.2   | 65.2   |
| 85°    | 48.9   | 48.4   | 47.8   | 42.4   | 39.8   | 36.0   | 33.8   | 33.3   | 32.7   | 33.8   | 34.9   |
| 87.5°  | 18.5   | 18.7   | 18.1   | 16.1   | 14.5   | 12.9   | 12.2   | 11.5   | 12.2   | 12.9   | 13.6   |
| 90°    | 10.6   | 9.6    | 8.6    | 7.4    | 6.0    | 4.5    | 3.1    | 1.7    | 3.1    | 4.5    | 6.0    |
| 92.5°  | 21.4   | 20.7   | 19.9   | 18.8   | 17.2   | 15.6   | 13.9   | 12.3   | 13.9   | 15.6   | 17.2   |
| 95°    | 42.0   | 41.1   | 40.2   | 39.2   | 38.0   | 36.9   | 35.7   | 34.5   | 35.7   | 36.9   | 38.0   |
| 97.5°  | 67.2   | 66.0   | 65.0   | 64.0   | 63.1   | 62.2   | 61.3   | 60.4   | 61.3   | 62.2   | 63.1   |
| 100°   | 85.8   | 84.6   | 83.5   | 82.7   | 82.2   | 81.7   | 81.2   | 80.6   | 81.2   | 81.7   | 82.2   |
| 102.5° | 105.3  | 104.3  | 103.3  | 102.6  | 102.4  | 102.2  | 102.0  | 101.8  | 102.0  | 102.2  | 102.4  |
| 105°   | 136.0  | 135.5  | 135.0  | 134.7  | 134.6  | 134.4  | 134.3  | 134.2  | 134.3  | 134.4  | 134.6  |
| 107.5° | 169.1  | 169.0  | 169.0  | 168.8  | 168.6  | 168.4  | 168.3  | 168.1  | 168.3  | 168.4  | 168.6  |
| 110°   | 192.1  | 192.2  | 192.3  | 192.3  | 192.0  | 191.8  | 191.5  | 191.3  | 191.5  | 191.8  | 192.0  |





TEST NUMBER: P332590-840

CATALOG NUMBER: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.8 | 215.1 | 215.3 | 215.4 | 215.3 | 215.3 | 215.2 | 215.2 | 215.2 | 215.3 | 215.3 |
| 115°   | 250.4 | 250.7 | 251.0 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 117.5° | 285.0 | 285.2 | 285.4 | 285.4 | 285.3 | 285.2 | 285.1 | 285.0 | 285.1 | 285.2 | 285.3 |
| 120°   | 308.9 | 309.3 | 309.7 | 309.6 | 309.1 | 308.6 | 308.1 | 307.6 | 308.1 | 308.6 | 309.1 |
| 122.5° | 331.5 | 331.7 | 331.9 | 331.8 | 331.6 | 331.4 | 331.2 | 331.0 | 331.2 | 331.4 | 331.6 |
| 125°   | 365.5 | 365.6 | 365.7 | 365.8 | 365.8 | 365.8 | 365.8 | 365.8 | 365.8 | 365.8 | 365.8 |
| 127.5° | 398.4 | 398.6 | 398.8 | 398.7 | 398.4 | 398.0 | 397.6 | 397.2 | 397.6 | 398.0 | 398.4 |
| 130°   | 421.0 | 421.0 | 421.0 | 420.8 | 420.5 | 420.1 | 419.7 | 419.3 | 419.7 | 420.1 | 420.5 |
| 132.5° | 442.9 | 443.0 | 443.1 | 443.0 | 442.7 | 442.4 | 442.2 | 441.9 | 442.2 | 442.4 | 442.7 |
| 135°   | 475.1 | 475.1 | 475.1 | 474.8 | 474.0 | 473.2 | 472.5 | 471.7 | 472.5 | 473.2 | 474.0 |
| 137.5° | 506.3 | 506.1 | 505.9 | 505.6 | 505.2 | 504.9 | 504.5 | 504.2 | 504.5 | 504.9 | 505.2 |
| 140°   | 527.0 | 527.0 | 527.0 | 526.8 | 526.6 | 526.3 | 526.1 | 525.8 | 526.1 | 526.3 | 526.6 |
| 142.5° | 546.5 | 546.6 | 546.7 | 546.7 | 546.4 | 546.2 | 545.9 | 545.6 | 545.9 | 546.2 | 546.4 |
| 145°   | 575.7 | 575.6 | 575.4 | 575.1 | 574.6 | 574.1 | 573.6 | 573.1 | 573.6 | 574.1 | 574.6 |
| 147.5° | 602.8 | 602.9 | 603.0 | 602.8 | 602.1 | 601.5 | 600.9 | 600.3 | 600.9 | 601.5 | 602.1 |
| 150°   | 619.1 | 619.1 | 619.1 | 618.9 | 618.4 | 617.9 | 617.4 | 616.8 | 617.4 | 617.9 | 618.4 |
| 152.5° | 634.2 | 634.1 | 634.0 | 633.8 | 633.5 | 633.2 | 632.9 | 632.6 | 632.9 | 633.2 | 633.5 |
| 155°   | 656.3 | 656.4 | 656.5 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 |
| 157.5° | 675.8 | 675.8 | 675.8 | 676.0 | 676.2 | 676.4 | 676.6 | 676.9 | 676.6 | 676.4 | 676.2 |
| 160°   | 688.0 | 688.1 | 688.2 | 688.3 | 688.5 | 688.6 | 688.7 | 688.8 | 688.7 | 688.6 | 688.5 |
| 162.5° | 698.1 | 698.2 | 698.3 | 698.6 | 698.9 | 699.2 | 699.6 | 699.9 | 699.6 | 699.2 | 698.9 |
| 165°   | 712.5 | 712.7 | 713.0 | 713.3 | 713.7 | 714.0 | 714.4 | 714.8 | 714.4 | 714.0 | 713.7 |
| 167.5° | 723.9 | 723.8 | 723.8 | 724.1 | 724.6 | 725.1 | 725.7 | 726.2 | 725.7 | 725.1 | 724.6 |
| 170°   | 730.0 | 729.9 | 729.8 | 730.0 | 730.7 | 731.3 | 732.1 | 732.7 | 732.1 | 731.3 | 730.7 |
| 172.5° | 734.9 | 734.9 | 734.9 | 735.1 | 735.7 | 736.2 | 736.7 | 737.2 | 736.7 | 736.2 | 735.7 |
| 175°   | 740.4 | 740.5 | 740.6 | 741.0 | 741.6 | 742.4 | 743.0 | 743.6 | 743.0 | 742.4 | 741.6 |
| 177.5° | 743.4 | 743.4 | 743.4 | 743.6 | 744.2 | 744.7 | 745.2 | 745.7 | 745.2 | 744.7 | 744.2 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



TEST NUMBER: P332590-840

CATALOG NUMBER: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1271.6 | 1267.8 | 1262.1 | 1254.5 | 1248.0 | 1241.1 | 1239.4 | 1236.8 | 1241.9 | 1237.7 | 1236.4 |
| 5°     | 1229.9 | 1218.6 | 1204.2 | 1187.5 | 1177.8 | 1163.9 | 1161.1 | 1155.8 | 1150.4 | 1149.9 | 1144.5 |
| 7.5°   | 1185.8 | 1169.2 | 1150.2 | 1133.3 | 1117.5 | 1102.3 | 1092.4 | 1090.1 | 1082.3 | 1077.6 | 1072.3 |
| 10°    | 1157.4 | 1137.0 | 1115.0 | 1098.8 | 1080.7 | 1064.5 | 1053.2 | 1046.8 | 1041.4 | 1035.5 | 1030.2 |
| 12.5°  | 1123.9 | 1102.2 | 1084.1 | 1066.6 | 1044.9 | 1032.7 | 1014.1 | 1003.0 | 1001.9 | 1002.0 | 988.1  |
| 15°    | 1084.9 | 1063.4 | 1035.5 | 1010.8 | 999.0  | 975.3  | 965.1  | 952.2  | 944.2  | 936.1  | 929.7  |
| 17.5°  | 1040.4 | 1013.6 | 991.8  | 963.4  | 940.9  | 922.1  | 908.7  | 900.9  | 888.8  | 877.4  | 869.1  |
| 20°    | 1012.4 | 983.9  | 960.9  | 930.8  | 906.1  | 882.9  | 871.7  | 860.9  | 851.8  | 842.1  | 833.0  |
| 22.5°  | 984.0  | 954.3  | 926.0  | 896.9  | 873.8  | 849.5  | 838.6  | 823.9  | 815.3  | 809.9  | 800.8  |
| 25°    | 939.4  | 907.2  | 874.9  | 847.0  | 823.3  | 801.8  | 787.4  | 776.1  | 766.4  | 762.1  | 756.2  |
| 27.5°  | 890.8  | 858.8  | 827.7  | 796.0  | 769.1  | 753.6  | 741.9  | 733.5  | 727.8  | 722.2  | 719.5  |
| 30°    | 859.9  | 826.6  | 793.2  | 763.8  | 739.0  | 723.5  | 712.7  | 706.8  | 702.5  | 699.8  | 697.1  |
| 32.5°  | 828.5  | 795.7  | 760.6  | 733.7  | 711.6  | 697.7  | 689.5  | 683.6  | 681.5  | 680.4  | 679.5  |
| 35°    | 778.2  | 745.0  | 712.7  | 688.5  | 667.6  | 662.3  | 655.2  | 652.1  | 651.0  | 654.7  | 656.3  |
| 37.5°  | 729.5  | 698.6  | 669.0  | 645.6  | 631.9  | 624.0  | 621.6  | 621.8  | 625.6  | 628.9  | 632.8  |
| 40°    | 698.2  | 668.1  | 640.3  | 619.8  | 606.9  | 602.1  | 601.0  | 603.7  | 607.9  | 611.8  | 616.0  |
| 42.5°  | 667.7  | 638.0  | 612.7  | 593.6  | 584.6  | 580.2  | 580.8  | 583.5  | 589.5  | 594.1  | 600.6  |
| 45°    | 620.4  | 595.6  | 570.9  | 555.3  | 547.9  | 548.9  | 548.9  | 553.7  | 559.7  | 566.6  | 573.6  |
| 47.5°  | 575.7  | 550.9  | 530.5  | 517.5  | 513.5  | 512.6  | 515.6  | 521.9  | 530.4  | 539.1  | 548.8  |
| 50°    | 545.6  | 522.0  | 504.3  | 492.5  | 488.2  | 489.8  | 494.1  | 500.0  | 510.2  | 521.0  | 531.2  |
| 52.5°  | 515.1  | 493.7  | 477.3  | 466.3  | 463.3  | 466.2  | 470.5  | 479.8  | 488.8  | 500.4  | 512.7  |
| 55°    | 467.8  | 449.5  | 436.7  | 428.6  | 427.5  | 429.1  | 433.9  | 444.1  | 457.1  | 471.6  | 483.4  |
| 57.5°  | 420.6  | 405.4  | 393.5  | 388.0  | 388.5  | 390.0  | 398.0  | 410.1  | 423.8  | 439.3  | 454.5  |
| 60°    | 388.9  | 374.9  | 365.3  | 360.9  | 361.4  | 364.7  | 374.4  | 385.7  | 402.8  | 417.9  | 433.9  |
| 62.5°  | 358.8  | 346.5  | 337.3  | 333.5  | 332.6  | 339.7  | 349.0  | 360.7  | 377.9  | 394.7  | 412.0  |
| 65°    | 310.4  | 300.7  | 293.3  | 291.1  | 292.8  | 298.1  | 309.9  | 325.5  | 340.0  | 357.7  | 376.0  |
| 67.5°  | 263.2  | 255.2  | 250.0  | 251.1  | 253.0  | 260.9  | 270.8  | 284.2  | 300.6  | 319.0  | 337.1  |
| 70°    | 233.1  | 225.6  | 221.3  | 221.8  | 225.0  | 234.7  | 243.3  | 256.7  | 274.5  | 293.3  | 308.3  |
| 72.5°  | 202.2  | 197.2  | 193.4  | 195.6  | 198.8  | 205.5  | 216.2  | 229.6  | 245.2  | 262.8  | 278.6  |
| 75°    | 155.2  | 155.2  | 153.1  | 154.7  | 159.6  | 165.9  | 174.0  | 187.9  | 203.6  | 217.5  | 230.5  |
| 77.5°  | 115.1  | 114.0  | 115.3  | 117.3  | 120.1  | 127.7  | 136.9  | 146.9  | 158.6  | 172.6  | 183.3  |
| 80°    | 88.1   | 88.7   | 91.3   | 94.5   | 95.6   | 101.5  | 111.2  | 120.3  | 129.5  | 141.3  | 151.5  |
| 82.5°  | 66.1   | 66.8   | 68.1   | 72.2   | 73.2   | 79.6   | 85.8   | 94.9   | 103.2  | 111.2  | 119.7  |
| 85°    | 36.0   | 36.0   | 38.7   | 40.3   | 42.9   | 47.3   | 51.0   | 56.4   | 63.9   | 69.3   | 77.4   |
| 87.5°  | 15.2   | 15.5   | 17.4   | 18.5   | 20.0   | 22.3   | 23.3   | 28.2   | 30.1   | 32.3   | 36.4   |
| 90°    | 7.4    | 8.6    | 9.6    | 10.6   | 11.6   | 12.6   | 13.4   | 14.2   | 14.9   | 15.8   | 16.3   |
| 92.5°  | 18.8   | 19.9   | 20.7   | 21.4   | 22.1   | 22.8   | 23.2   | 23.7   | 24.2   | 24.6   | 24.9   |
| 95°    | 39.2   | 40.2   | 41.1   | 42.0   | 42.9   | 43.7   | 44.1   | 44.5   | 44.9   | 45.3   | 45.5   |
| 97.5°  | 64.0   | 65.0   | 66.0   | 67.2   | 68.2   | 69.3   | 69.7   | 70.2   | 70.6   | 71.1   | 71.3   |
| 100°   | 82.7   | 83.5   | 84.6   | 85.8   | 86.9   | 88.2   | 88.4   | 88.7   | 88.9   | 89.2   | 89.3   |
| 102.5° | 102.6  | 103.3  | 104.3  | 105.3  | 106.4  | 107.4  | 107.9  | 108.2  | 108.6  | 108.9  | 109.2  |
| 105°   | 134.7  | 135.0  | 135.5  | 136.0  | 136.5  | 137.0  | 137.4  | 137.8  | 138.3  | 138.7  | 139.0  |
| 107.5° | 168.8  | 169.0  | 169.0  | 169.1  | 169.2  | 169.3  | 169.6  | 170.0  | 170.3  | 170.7  | 170.9  |
| 110°   | 192.3  | 192.3  | 192.2  | 192.1  | 192.0  | 191.8  | 191.6  | 191.3  | 191.1  | 190.8  | 190.9  |



TEST NUMBER: P332590-840

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**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 215.4 | 215.3 | 215.1 | 214.8 | 214.6 | 214.4 | 214.3 | 214.3 | 214.2 | 214.2 | 214.2 |
| 115°   | 251.2 | 251.0 | 250.7 | 250.4 | 250.2 | 249.9 | 249.8 | 249.7 | 249.6 | 249.4 | 249.3 |
| 117.5° | 285.4 | 285.4 | 285.2 | 285.0 | 284.8 | 284.7 | 284.2 | 283.8 | 283.4 | 282.9 | 282.6 |
| 120°   | 309.6 | 309.7 | 309.3 | 308.9 | 308.5 | 308.1 | 307.5 | 306.9 | 306.2 | 305.6 | 305.4 |
| 122.5° | 331.8 | 331.9 | 331.7 | 331.5 | 331.3 | 331.2 | 330.7 | 330.3 | 329.9 | 329.4 | 329.0 |
| 125°   | 365.8 | 365.7 | 365.6 | 365.5 | 365.3 | 365.2 | 364.9 | 364.7 | 364.4 | 364.2 | 363.9 |
| 127.5° | 398.7 | 398.8 | 398.6 | 398.4 | 398.2 | 398.0 | 397.8 | 397.5 | 397.3 | 397.0 | 396.8 |
| 130°   | 420.8 | 421.0 | 421.0 | 421.0 | 421.0 | 421.0 | 420.8 | 420.5 | 420.3 | 420.0 | 419.6 |
| 132.5° | 443.0 | 443.1 | 443.0 | 442.9 | 442.8 | 442.7 | 442.4 | 442.2 | 441.9 | 441.7 | 441.4 |
| 135°   | 474.8 | 475.1 | 475.1 | 475.1 | 475.1 | 475.1 | 474.9 | 474.6 | 474.4 | 474.1 | 473.8 |
| 137.5° | 505.6 | 505.9 | 506.1 | 506.3 | 506.5 | 506.8 | 506.4 | 506.0 | 505.7 | 505.4 | 505.2 |
| 140°   | 526.8 | 527.0 | 527.0 | 527.0 | 527.0 | 527.0 | 526.8 | 526.7 | 526.6 | 526.5 | 526.3 |
| 142.5° | 546.7 | 546.7 | 546.6 | 546.5 | 546.4 | 546.3 | 546.3 | 546.3 | 546.3 | 546.2 | 546.2 |
| 145°   | 575.1 | 575.4 | 575.6 | 575.7 | 575.8 | 575.9 | 575.8 | 575.7 | 575.6 | 575.4 | 575.2 |
| 147.5° | 602.8 | 603.0 | 602.9 | 602.8 | 602.7 | 602.6 | 602.5 | 602.4 | 602.3 | 602.2 | 602.1 |
| 150°   | 618.9 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 |
| 152.5° | 633.8 | 634.0 | 634.1 | 634.2 | 634.3 | 634.4 | 634.7 | 635.0 | 635.3 | 635.6 | 635.6 |
| 155°   | 656.6 | 656.5 | 656.4 | 656.3 | 656.2 | 656.0 | 656.5 | 657.0 | 657.5 | 658.1 | 658.1 |
| 157.5° | 676.0 | 675.8 | 675.8 | 675.8 | 675.8 | 675.7 | 676.1 | 676.5 | 676.9 | 677.3 | 677.2 |
| 160°   | 688.3 | 688.2 | 688.1 | 688.0 | 687.8 | 687.7 | 688.1 | 688.5 | 688.8 | 689.2 | 689.1 |
| 162.5° | 698.6 | 698.3 | 698.2 | 698.1 | 698.0 | 697.8 | 698.5 | 699.2 | 699.9 | 700.6 | 700.6 |
| 165°   | 713.3 | 713.0 | 712.7 | 712.5 | 712.2 | 712.0 | 712.7 | 713.5 | 714.2 | 715.0 | 715.1 |
| 167.5° | 724.1 | 723.8 | 723.8 | 723.9 | 723.9 | 723.9 | 724.7 | 725.4 | 726.2 | 727.0 | 726.9 |
| 170°   | 730.0 | 729.8 | 729.9 | 730.0 | 730.2 | 730.3 | 731.1 | 731.8 | 732.7 | 733.4 | 733.4 |
| 172.5° | 735.1 | 734.9 | 734.9 | 734.9 | 734.9 | 735.0 | 735.8 | 736.7 | 737.6 | 738.4 | 738.4 |
| 175°   | 741.0 | 740.6 | 740.5 | 740.4 | 740.2 | 740.1 | 741.0 | 741.9 | 742.9 | 743.7 | 743.7 |
| 177.5° | 743.6 | 743.4 | 743.4 | 743.4 | 743.4 | 743.4 | 744.1 | 744.8 | 745.5 | 746.2 | 746.2 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



TEST NUMBER: P332590-840  
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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1235.5 | 1234.7 | 1231.6 | 1231.2 | 1231.6 | 1234.7 | 1235.5 | 1236.4 | 1237.7 | 1241.9 | 1236.8 |
| 5°     | 1141.3 | 1138.6 | 1137.0 | 1143.0 | 1137.0 | 1138.6 | 1141.3 | 1144.5 | 1149.9 | 1150.4 | 1155.8 |
| 7.5°   | 1070.3 | 1068.1 | 1063.4 | 1062.0 | 1063.4 | 1068.1 | 1070.3 | 1072.3 | 1077.6 | 1082.3 | 1090.1 |
| 10°    | 1024.7 | 1022.6 | 1018.3 | 1017.2 | 1018.3 | 1022.6 | 1024.7 | 1030.2 | 1035.5 | 1041.4 | 1046.8 |
| 12.5°  | 980.9  | 976.6  | 975.7  | 976.8  | 975.7  | 976.6  | 980.9  | 988.1  | 1002.0 | 1001.9 | 1003.0 |
| 15°    | 922.7  | 920.6  | 914.6  | 916.3  | 914.6  | 920.6  | 922.7  | 929.7  | 936.1  | 944.2  | 952.2  |
| 17.5°  | 865.4  | 862.7  | 855.6  | 861.9  | 855.6  | 862.7  | 865.4  | 869.1  | 877.4  | 888.8  | 900.9  |
| 20°    | 829.3  | 825.0  | 821.2  | 820.6  | 821.2  | 825.0  | 829.3  | 833.0  | 842.1  | 851.8  | 860.9  |
| 22.5°  | 794.9  | 791.0  | 790.7  | 787.2  | 790.7  | 791.0  | 794.9  | 800.8  | 809.9  | 815.3  | 823.9  |
| 25°    | 751.9  | 748.2  | 747.1  | 744.4  | 747.1  | 748.2  | 751.9  | 756.2  | 762.1  | 766.4  | 776.1  |
| 27.5°  | 718.9  | 717.1  | 715.2  | 716.0  | 715.2  | 717.1  | 718.9  | 719.5  | 722.2  | 727.8  | 733.5  |
| 30°    | 698.7  | 698.2  | 697.1  | 697.1  | 697.1  | 698.2  | 698.7  | 697.1  | 699.8  | 702.5  | 706.8  |
| 32.5°  | 682.0  | 681.9  | 682.6  | 682.6  | 682.6  | 681.9  | 682.0  | 679.5  | 680.4  | 681.5  | 683.6  |
| 35°    | 658.4  | 660.0  | 661.2  | 659.5  | 661.2  | 660.0  | 658.4  | 656.3  | 654.7  | 651.0  | 652.1  |
| 37.5°  | 637.2  | 638.8  | 640.4  | 642.2  | 640.4  | 638.8  | 637.2  | 632.8  | 628.9  | 625.6  | 621.8  |
| 40°    | 620.9  | 624.6  | 625.7  | 628.4  | 625.7  | 624.6  | 620.9  | 616.0  | 611.8  | 607.9  | 603.7  |
| 42.5°  | 605.4  | 609.6  | 612.4  | 612.9  | 612.4  | 609.6  | 605.4  | 600.6  | 594.1  | 589.5  | 583.5  |
| 45°    | 581.7  | 585.9  | 589.8  | 589.8  | 589.8  | 585.9  | 581.7  | 573.6  | 566.6  | 559.7  | 553.7  |
| 47.5°  | 557.0  | 563.3  | 567.0  | 568.0  | 567.0  | 563.3  | 557.0  | 548.8  | 539.1  | 530.4  | 521.9  |
| 50°    | 540.3  | 547.9  | 551.6  | 554.3  | 551.6  | 547.9  | 540.3  | 531.2  | 521.0  | 510.2  | 500.0  |
| 52.5°  | 524.0  | 531.5  | 536.5  | 538.0  | 536.5  | 531.5  | 524.0  | 512.7  | 500.4  | 488.8  | 479.8  |
| 55°    | 495.7  | 506.4  | 512.4  | 514.5  | 512.4  | 506.4  | 495.7  | 483.4  | 471.6  | 457.1  | 444.1  |
| 57.5°  | 469.1  | 479.0  | 485.8  | 487.5  | 485.8  | 479.0  | 469.1  | 454.5  | 439.3  | 423.8  | 410.1  |
| 60°    | 448.5  | 459.2  | 467.8  | 469.4  | 467.8  | 459.2  | 448.5  | 433.9  | 417.9  | 402.8  | 385.7  |
| 62.5°  | 427.4  | 438.6  | 446.4  | 450.5  | 446.4  | 438.6  | 427.4  | 412.0  | 394.7  | 377.9  | 360.7  |
| 65°    | 391.0  | 402.2  | 409.8  | 411.4  | 409.8  | 402.2  | 391.0  | 376.0  | 357.7  | 340.0  | 325.5  |
| 67.5°  | 351.2  | 362.5  | 367.5  | 370.6  | 367.5  | 362.5  | 351.2  | 337.1  | 319.0  | 300.6  | 284.2  |
| 70°    | 323.4  | 332.4  | 337.8  | 340.5  | 337.8  | 332.4  | 323.4  | 308.3  | 293.3  | 274.5  | 256.7  |
| 72.5°  | 291.5  | 301.0  | 307.3  | 307.8  | 307.3  | 301.0  | 291.5  | 278.6  | 262.8  | 245.2  | 229.6  |
| 75°    | 242.8  | 251.4  | 254.6  | 254.6  | 254.6  | 251.4  | 242.8  | 230.5  | 217.5  | 203.6  | 187.9  |
| 77.5°  | 192.2  | 196.6  | 200.7  | 201.5  | 200.7  | 196.6  | 192.2  | 183.3  | 172.6  | 158.6  | 146.9  |
| 80°    | 159.6  | 162.2  | 165.4  | 165.4  | 165.4  | 162.2  | 159.6  | 151.5  | 141.3  | 129.5  | 120.3  |
| 82.5°  | 126.0  | 128.3  | 131.5  | 131.1  | 131.5  | 128.3  | 126.0  | 119.7  | 111.2  | 103.2  | 94.9   |
| 85°    | 76.2   | 81.1   | 80.6   | 79.5   | 80.6   | 81.1   | 76.2   | 77.4   | 69.3   | 63.9   | 56.4   |
| 87.5°  | 37.7   | 38.2   | 39.5   | 40.4   | 39.5   | 38.2   | 37.7   | 36.4   | 32.3   | 30.1   | 28.2   |
| 90°    | 16.6   | 16.8   | 17.1   | 17.3   | 17.1   | 16.8   | 16.6   | 16.3   | 15.8   | 14.9   | 14.2   |
| 92.5°  | 25.1   | 25.2   | 25.4   | 25.5   | 25.4   | 25.2   | 25.1   | 24.9   | 24.6   | 24.2   | 23.7   |
| 95°    | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   | 45.3   | 44.9   | 44.5   |
| 97.5°  | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   | 71.1   | 70.6   | 70.2   |
| 100°   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   | 89.2   | 88.9   | 88.7   |
| 102.5° | 109.3  | 109.4  | 109.5  | 109.6  | 109.5  | 109.4  | 109.3  | 109.2  | 108.9  | 108.6  | 108.2  |
| 105°   | 139.4  | 139.8  | 140.2  | 140.6  | 140.2  | 139.8  | 139.4  | 139.0  | 138.7  | 138.3  | 137.8  |
| 107.5° | 170.8  | 170.8  | 170.8  | 170.8  | 170.8  | 170.8  | 170.8  | 170.9  | 170.7  | 170.3  | 170.0  |
| 110°   | 191.3  | 191.6  | 192.0  | 192.4  | 192.0  | 191.6  | 191.3  | 190.9  | 190.8  | 191.1  | 191.3  |



TEST NUMBER: P332590-840

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**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.3 | 214.3 | 214.4 | 214.5 | 214.4 | 214.3 | 214.3 | 214.2 | 214.2 | 214.2 | 214.3 |
| 115°   | 249.2 | 249.0 | 248.9 | 248.8 | 248.9 | 249.0 | 249.2 | 249.3 | 249.4 | 249.6 | 249.7 |
| 117.5° | 282.3 | 282.1 | 281.8 | 281.6 | 281.8 | 282.1 | 282.3 | 282.6 | 282.9 | 283.4 | 283.8 |
| 120°   | 305.7 | 305.9 | 306.2 | 306.4 | 306.2 | 305.9 | 305.7 | 305.4 | 305.6 | 306.2 | 306.9 |
| 122.5° | 328.5 | 328.1 | 327.6 | 327.2 | 327.6 | 328.1 | 328.5 | 329.0 | 329.4 | 329.9 | 330.3 |
| 125°   | 363.7 | 363.3 | 363.1 | 362.8 | 363.1 | 363.3 | 363.7 | 363.9 | 364.2 | 364.4 | 364.7 |
| 127.5° | 396.6 | 396.4 | 396.2 | 396.0 | 396.2 | 396.4 | 396.6 | 396.8 | 397.0 | 397.3 | 397.5 |
| 130°   | 419.1 | 418.6 | 418.1 | 417.6 | 418.1 | 418.6 | 419.1 | 419.6 | 420.0 | 420.3 | 420.5 |
| 132.5° | 441.2 | 441.0 | 440.8 | 440.6 | 440.8 | 441.0 | 441.2 | 441.4 | 441.7 | 441.9 | 442.2 |
| 135°   | 473.4 | 473.0 | 472.7 | 472.3 | 472.7 | 473.0 | 473.4 | 473.8 | 474.1 | 474.4 | 474.6 |
| 137.5° | 505.3 | 505.4 | 505.5 | 505.6 | 505.5 | 505.4 | 505.3 | 505.2 | 505.4 | 505.7 | 506.0 |
| 140°   | 526.2 | 526.1 | 526.0 | 525.8 | 526.0 | 526.1 | 526.2 | 526.3 | 526.5 | 526.6 | 526.7 |
| 142.5° | 546.2 | 546.2 | 546.1 | 546.1 | 546.1 | 546.2 | 546.2 | 546.2 | 546.2 | 546.3 | 546.3 |
| 145°   | 574.8 | 574.4 | 574.0 | 573.7 | 574.0 | 574.4 | 574.8 | 575.2 | 575.4 | 575.6 | 575.7 |
| 147.5° | 602.0 | 601.8 | 601.7 | 601.6 | 601.7 | 601.8 | 602.0 | 602.1 | 602.2 | 602.3 | 602.4 |
| 150°   | 618.9 | 618.8 | 618.7 | 618.6 | 618.7 | 618.8 | 618.9 | 619.1 | 619.1 | 619.1 | 619.1 |
| 152.5° | 635.3 | 634.9 | 634.6 | 634.3 | 634.6 | 634.9 | 635.3 | 635.6 | 635.6 | 635.3 | 635.0 |
| 155°   | 657.5 | 657.0 | 656.5 | 656.0 | 656.5 | 657.0 | 657.5 | 658.1 | 658.1 | 657.5 | 657.0 |
| 157.5° | 676.8 | 676.4 | 675.9 | 675.5 | 675.9 | 676.4 | 676.8 | 677.2 | 677.3 | 676.9 | 676.5 |
| 160°   | 688.5 | 687.8 | 687.2 | 686.6 | 687.2 | 687.8 | 688.5 | 689.1 | 689.2 | 688.8 | 688.5 |
| 162.5° | 700.0 | 699.3 | 698.7 | 698.1 | 698.7 | 699.3 | 700.0 | 700.6 | 700.6 | 699.9 | 699.2 |
| 165°   | 714.6 | 714.1 | 713.6 | 713.1 | 713.6 | 714.1 | 714.6 | 715.1 | 715.0 | 714.2 | 713.5 |
| 167.5° | 726.2 | 725.4 | 724.6 | 723.8 | 724.6 | 725.4 | 726.2 | 726.9 | 727.0 | 726.2 | 725.4 |
| 170°   | 732.5 | 731.5 | 730.6 | 729.7 | 730.6 | 731.5 | 732.5 | 733.4 | 733.4 | 732.7 | 731.8 |
| 172.5° | 737.5 | 736.6 | 735.7 | 734.9 | 735.7 | 736.6 | 737.5 | 738.4 | 738.4 | 737.6 | 736.7 |
| 175°   | 742.9 | 741.9 | 741.0 | 740.1 | 741.0 | 741.9 | 742.9 | 743.7 | 743.7 | 742.9 | 741.9 |
| 177.5° | 745.4 | 744.6 | 743.7 | 742.9 | 743.7 | 744.6 | 745.4 | 746.2 | 746.2 | 745.5 | 744.8 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



TEST NUMBER: P332590-840  
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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1239.4 | 1241.1 | 1248.0 | 1254.5 | 1262.1 | 1267.8 | 1271.6 | 1275.9 | 1285.0 | 1292.2 | 1299.1 |
| 5°     | 1161.1 | 1163.9 | 1177.8 | 1187.5 | 1204.2 | 1218.6 | 1229.9 | 1242.2 | 1256.8 | 1276.7 | 1294.9 |
| 7.5°   | 1092.4 | 1102.3 | 1117.5 | 1133.3 | 1150.2 | 1169.2 | 1185.8 | 1204.4 | 1229.4 | 1256.7 | 1284.9 |
| 10°    | 1053.2 | 1064.5 | 1080.7 | 1098.8 | 1115.0 | 1137.0 | 1157.4 | 1179.4 | 1207.9 | 1241.2 | 1274.6 |
| 12.5°  | 1014.1 | 1032.7 | 1044.9 | 1066.6 | 1084.1 | 1102.2 | 1123.9 | 1152.8 | 1186.0 | 1221.0 | 1261.2 |
| 15°    | 965.1  | 975.3  | 999.0  | 1010.8 | 1035.5 | 1063.4 | 1084.9 | 1113.9 | 1146.1 | 1192.3 | 1237.5 |
| 17.5°  | 908.7  | 922.1  | 940.9  | 963.4  | 991.8  | 1013.6 | 1040.4 | 1070.2 | 1110.8 | 1156.7 | 1213.2 |
| 20°    | 871.7  | 882.9  | 906.1  | 930.8  | 960.9  | 983.9  | 1012.4 | 1041.4 | 1083.3 | 1132.2 | 1191.2 |
| 22.5°  | 838.6  | 849.5  | 873.8  | 896.9  | 926.0  | 954.3  | 984.0  | 1017.7 | 1057.9 | 1109.4 | 1169.7 |
| 25°    | 787.4  | 801.8  | 823.3  | 847.0  | 874.9  | 907.2  | 939.4  | 969.5  | 1012.4 | 1066.6 | 1131.1 |
| 27.5°  | 741.9  | 753.6  | 769.1  | 796.0  | 827.7  | 858.8  | 890.8  | 928.6  | 969.9  | 1027.2 | 1094.2 |
| 30°    | 712.7  | 723.5  | 739.0  | 763.8  | 793.2  | 826.6  | 859.9  | 896.4  | 939.4  | 996.3  | 1064.5 |
| 32.5°  | 689.5  | 697.7  | 711.6  | 733.7  | 760.6  | 795.7  | 828.5  | 866.4  | 911.4  | 967.6  | 1034.0 |
| 35°    | 655.2  | 662.3  | 667.6  | 688.5  | 712.7  | 745.0  | 778.2  | 818.5  | 862.0  | 915.2  | 981.8  |
| 37.5°  | 621.6  | 624.0  | 631.9  | 645.6  | 669.0  | 698.6  | 729.5  | 769.2  | 813.7  | 867.8  | 927.9  |
| 40°    | 601.0  | 602.1  | 606.9  | 619.8  | 640.3  | 668.1  | 698.2  | 737.4  | 779.8  | 830.9  | 890.5  |
| 42.5°  | 580.8  | 580.2  | 584.6  | 593.6  | 612.7  | 638.0  | 667.7  | 703.5  | 745.9  | 793.0  | 849.2  |
| 45°    | 548.9  | 548.9  | 547.9  | 555.3  | 570.9  | 595.6  | 620.4  | 654.7  | 690.1  | 736.4  | 783.7  |
| 47.5°  | 515.6  | 512.6  | 513.5  | 517.5  | 530.5  | 550.9  | 575.7  | 603.9  | 635.2  | 674.3  | 715.7  |
| 50°    | 494.1  | 489.8  | 488.2  | 492.5  | 504.3  | 522.0  | 545.6  | 570.4  | 600.0  | 634.3  | 669.7  |
| 52.5°  | 470.5  | 466.2  | 463.3  | 466.3  | 477.3  | 493.7  | 515.1  | 536.8  | 563.4  | 591.4  | 622.1  |
| 55°    | 433.9  | 429.1  | 427.5  | 428.6  | 436.7  | 449.5  | 467.8  | 487.7  | 507.6  | 530.7  | 552.1  |
| 57.5°  | 398.0  | 390.0  | 388.5  | 388.0  | 393.5  | 405.4  | 420.6  | 437.9  | 452.3  | 466.3  | 489.2  |
| 60°    | 374.4  | 364.7  | 361.4  | 360.9  | 365.3  | 374.9  | 388.9  | 406.1  | 416.3  | 425.9  | 445.8  |
| 62.5°  | 349.0  | 339.7  | 332.6  | 333.5  | 337.3  | 346.5  | 358.8  | 371.2  | 378.0  | 388.5  | 401.9  |
| 65°    | 309.9  | 298.1  | 292.8  | 291.1  | 293.3  | 300.7  | 310.4  | 318.5  | 326.0  | 330.3  | 343.2  |
| 67.5°  | 270.8  | 260.9  | 253.0  | 251.1  | 250.0  | 255.2  | 263.2  | 268.0  | 273.4  | 277.1  | 284.8  |
| 70°    | 243.3  | 234.7  | 225.0  | 221.8  | 221.3  | 225.6  | 233.1  | 233.6  | 241.2  | 242.8  | 250.9  |
| 72.5°  | 216.2  | 205.5  | 198.8  | 195.6  | 193.4  | 197.2  | 202.2  | 203.6  | 207.6  | 210.6  | 214.7  |
| 75°    | 174.0  | 165.9  | 159.6  | 154.7  | 153.1  | 155.2  | 155.2  | 157.9  | 160.6  | 162.2  | 167.0  |
| 77.5°  | 136.9  | 127.7  | 120.1  | 117.3  | 115.3  | 114.0  | 115.1  | 116.7  | 115.4  | 118.3  | 119.4  |
| 80°    | 111.2  | 101.5  | 95.6   | 94.5   | 91.3   | 88.7   | 88.1   | 89.7   | 87.6   | 88.7   | 91.8   |
| 82.5°  | 85.8   | 79.6   | 73.2   | 72.2   | 68.1   | 66.8   | 66.1   | 65.2   | 65.2   | 65.0   | 65.6   |
| 85°    | 51.0   | 47.3   | 42.9   | 40.3   | 38.7   | 36.0   | 36.0   | 34.9   | 33.8   | 32.7   | 33.3   |
| 87.5°  | 23.3   | 22.3   | 20.0   | 18.5   | 17.4   | 15.5   | 15.2   | 13.6   | 12.9   | 12.2   | 11.5   |
| 90°    | 13.4   | 12.6   | 11.6   | 10.6   | 9.6    | 8.6    | 7.4    | 6.0    | 4.5    | 3.1    | 1.7    |
| 92.5°  | 23.2   | 22.8   | 22.1   | 21.4   | 20.7   | 19.9   | 18.8   | 17.2   | 15.6   | 13.9   | 12.3   |
| 95°    | 44.1   | 43.7   | 42.9   | 42.0   | 41.1   | 40.2   | 39.2   | 38.0   | 36.9   | 35.7   | 34.5   |
| 97.5°  | 69.7   | 69.3   | 68.2   | 67.2   | 66.0   | 65.0   | 64.0   | 63.1   | 62.2   | 61.3   | 60.4   |
| 100°   | 88.4   | 88.2   | 86.9   | 85.8   | 84.6   | 83.5   | 82.7   | 82.2   | 81.7   | 81.2   | 80.6   |
| 102.5° | 107.9  | 107.4  | 106.4  | 105.3  | 104.3  | 103.3  | 102.6  | 102.4  | 102.2  | 102.0  | 101.8  |
| 105°   | 137.4  | 137.0  | 136.5  | 136.0  | 135.5  | 135.0  | 134.7  | 134.6  | 134.4  | 134.3  | 134.2  |
| 107.5° | 169.6  | 169.3  | 169.2  | 169.1  | 169.0  | 169.0  | 168.8  | 168.6  | 168.4  | 168.3  | 168.1  |
| 110°   | 191.6  | 191.8  | 192.0  | 192.1  | 192.2  | 192.3  | 192.3  | 192.0  | 191.8  | 191.5  | 191.3  |



TEST NUMBER: P332590-840

CATALOG NUMBER: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.3 | 214.4 | 214.6 | 214.8 | 215.1 | 215.3 | 215.4 | 215.3 | 215.3 | 215.2 | 215.2 |
| 115°   | 249.8 | 249.9 | 250.2 | 250.4 | 250.7 | 251.0 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 117.5° | 284.2 | 284.7 | 284.8 | 285.0 | 285.2 | 285.4 | 285.4 | 285.3 | 285.2 | 285.1 | 285.0 |
| 120°   | 307.5 | 308.1 | 308.5 | 308.9 | 309.3 | 309.7 | 309.6 | 309.1 | 308.6 | 308.1 | 307.6 |
| 122.5° | 330.7 | 331.2 | 331.3 | 331.5 | 331.7 | 331.9 | 331.8 | 331.6 | 331.4 | 331.2 | 331.0 |
| 125°   | 364.9 | 365.2 | 365.3 | 365.5 | 365.6 | 365.7 | 365.8 | 365.8 | 365.8 | 365.8 | 365.8 |
| 127.5° | 397.8 | 398.0 | 398.2 | 398.4 | 398.6 | 398.8 | 398.7 | 398.4 | 398.0 | 397.6 | 397.2 |
| 130°   | 420.8 | 421.0 | 421.0 | 421.0 | 421.0 | 421.0 | 420.8 | 420.5 | 420.1 | 419.7 | 419.3 |
| 132.5° | 442.4 | 442.7 | 442.8 | 442.9 | 443.0 | 443.1 | 443.0 | 442.7 | 442.4 | 442.2 | 441.9 |
| 135°   | 474.9 | 475.1 | 475.1 | 475.1 | 475.1 | 475.1 | 474.8 | 474.0 | 473.2 | 472.5 | 471.7 |
| 137.5° | 506.4 | 506.8 | 506.5 | 506.3 | 506.1 | 505.9 | 505.6 | 505.2 | 504.9 | 504.5 | 504.2 |
| 140°   | 526.8 | 527.0 | 527.0 | 527.0 | 527.0 | 527.0 | 526.8 | 526.6 | 526.3 | 526.1 | 525.8 |
| 142.5° | 546.3 | 546.3 | 546.4 | 546.5 | 546.6 | 546.7 | 546.7 | 546.4 | 546.2 | 545.9 | 545.6 |
| 145°   | 575.8 | 575.9 | 575.8 | 575.7 | 575.6 | 575.4 | 575.1 | 574.6 | 574.1 | 573.6 | 573.1 |
| 147.5° | 602.5 | 602.6 | 602.7 | 602.8 | 602.9 | 603.0 | 602.8 | 602.1 | 601.5 | 600.9 | 600.3 |
| 150°   | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 618.9 | 618.4 | 617.9 | 617.4 | 616.8 |
| 152.5° | 634.7 | 634.4 | 634.3 | 634.2 | 634.1 | 634.0 | 633.8 | 633.5 | 633.2 | 632.9 | 632.6 |
| 155°   | 656.5 | 656.0 | 656.2 | 656.3 | 656.4 | 656.5 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 |
| 157.5° | 676.1 | 675.7 | 675.8 | 675.8 | 675.8 | 675.8 | 676.0 | 676.2 | 676.4 | 676.6 | 676.9 |
| 160°   | 688.1 | 687.7 | 687.8 | 688.0 | 688.1 | 688.2 | 688.3 | 688.5 | 688.6 | 688.7 | 688.8 |
| 162.5° | 698.5 | 697.8 | 698.0 | 698.1 | 698.2 | 698.3 | 698.6 | 698.9 | 699.2 | 699.6 | 699.9 |
| 165°   | 712.7 | 712.0 | 712.2 | 712.5 | 712.7 | 713.0 | 713.3 | 713.7 | 714.0 | 714.4 | 714.8 |
| 167.5° | 724.7 | 723.9 | 723.9 | 723.9 | 723.8 | 723.8 | 724.1 | 724.6 | 725.1 | 725.7 | 726.2 |
| 170°   | 731.1 | 730.3 | 730.2 | 730.0 | 729.9 | 729.8 | 730.0 | 730.7 | 731.3 | 732.1 | 732.7 |
| 172.5° | 735.8 | 735.0 | 734.9 | 734.9 | 734.9 | 734.9 | 735.1 | 735.7 | 736.2 | 736.7 | 737.2 |
| 175°   | 741.0 | 740.1 | 740.2 | 740.4 | 740.5 | 740.6 | 741.0 | 741.6 | 742.4 | 743.0 | 743.6 |
| 177.5° | 744.1 | 743.4 | 743.4 | 743.4 | 743.4 | 743.4 | 743.6 | 744.2 | 744.7 | 745.2 | 745.7 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



TEST NUMBER: P332590-840

CATALOG NUMBER: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1305.1 | 1309.4 | 1315.0 | 1324.4 | 1327.9 | 1332.2 | 1338.2 | 1337.8 | 1339.5 | 1345.9 | 1359.7 |
| 5°     | 1310.0 | 1326.6 | 1342.7 | 1362.0 | 1382.5 | 1395.8 | 1414.1 | 1425.4 | 1436.7 | 1451.2 | 1475.9 |
| 7.5°   | 1311.9 | 1338.3 | 1367.9 | 1401.8 | 1432.0 | 1466.8 | 1494.0 | 1519.5 | 1542.6 | 1573.3 | 1602.7 |
| 10°    | 1308.9 | 1344.3 | 1382.5 | 1425.4 | 1471.1 | 1509.7 | 1544.7 | 1584.4 | 1618.2 | 1655.3 | 1688.6 |
| 12.5°  | 1303.3 | 1346.0 | 1397.0 | 1445.2 | 1498.5 | 1555.7 | 1599.2 | 1639.4 | 1684.5 | 1727.1 | 1778.4 |
| 15°    | 1290.6 | 1349.2 | 1408.8 | 1472.2 | 1543.6 | 1609.6 | 1672.4 | 1724.5 | 1772.9 | 1836.8 | 1904.0 |
| 17.5°  | 1274.6 | 1337.7 | 1412.9 | 1489.6 | 1564.2 | 1639.7 | 1717.5 | 1795.8 | 1856.8 | 1936.2 | 1988.7 |
| 20°    | 1259.5 | 1332.5 | 1409.9 | 1501.2 | 1575.8 | 1669.8 | 1747.2 | 1822.9 | 1906.6 | 1985.6 | 2048.4 |
| 22.5°  | 1238.4 | 1318.4 | 1400.4 | 1491.3 | 1589.5 | 1683.5 | 1772.9 | 1855.1 | 1938.8 | 2024.7 | 2100.8 |
| 25°    | 1211.6 | 1284.1 | 1381.4 | 1484.5 | 1582.3 | 1684.3 | 1786.9 | 1890.0 | 1980.2 | 2071.0 | 2141.9 |
| 27.5°  | 1166.1 | 1257.7 | 1348.2 | 1454.6 | 1563.3 | 1678.7 | 1788.4 | 1896.3 | 1990.8 | 2065.5 | 2109.4 |
| 30°    | 1143.0 | 1222.4 | 1320.7 | 1427.5 | 1545.2 | 1669.3 | 1783.6 | 1889.5 | 1977.5 | 2037.2 | 2054.9 |
| 32.5°  | 1108.5 | 1190.6 | 1286.8 | 1397.5 | 1522.0 | 1649.5 | 1768.6 | 1868.5 | 1941.9 | 1973.2 | 1951.8 |
| 35°    | 1057.5 | 1131.7 | 1228.8 | 1342.2 | 1471.6 | 1607.5 | 1725.2 | 1809.5 | 1847.0 | 1817.5 | 1743.9 |
| 37.5°  | 996.3  | 1069.8 | 1167.4 | 1278.7 | 1412.6 | 1550.7 | 1657.1 | 1717.8 | 1705.4 | 1631.8 | 1522.2 |
| 40°    | 953.3  | 1022.1 | 1115.0 | 1235.3 | 1365.8 | 1504.4 | 1597.8 | 1630.6 | 1596.2 | 1491.0 | 1374.4 |
| 42.5°  | 905.6  | 972.7  | 1066.0 | 1182.0 | 1320.3 | 1448.0 | 1529.5 | 1532.2 | 1474.6 | 1348.8 | 1231.7 |
| 45°    | 833.0  | 897.0  | 985.0  | 1105.9 | 1233.7 | 1354.0 | 1407.7 | 1381.4 | 1275.1 | 1153.7 | 1036.0 |
| 47.5°  | 761.3  | 816.8  | 903.6  | 1018.3 | 1139.7 | 1241.0 | 1267.6 | 1220.2 | 1106.9 | 989.1  | 880.1  |
| 50°    | 708.9  | 764.8  | 846.5  | 956.0  | 1073.1 | 1160.6 | 1173.6 | 1110.6 | 999.6  | 880.8  | 795.5  |
| 52.5°  | 658.6  | 714.1  | 792.7  | 894.1  | 1001.4 | 1080.3 | 1080.8 | 1008.0 | 897.3  | 791.4  | 712.1  |
| 55°    | 584.9  | 634.8  | 705.7  | 796.5  | 892.1  | 953.8  | 938.9  | 863.6  | 767.5  | 675.7  | 606.3  |
| 57.5°  | 513.8  | 557.2  | 622.6  | 698.3  | 782.5  | 833.4  | 808.5  | 736.1  | 650.3  | 572.4  | 519.9  |
| 60°    | 467.8  | 509.2  | 565.0  | 636.4  | 707.3  | 747.1  | 723.5  | 657.9  | 579.0  | 516.1  | 470.5  |
| 62.5°  | 423.1  | 458.1  | 511.7  | 573.7  | 639.4  | 668.9  | 647.8  | 583.2  | 514.9  | 458.2  | 421.1  |
| 65°    | 359.8  | 388.3  | 431.3  | 484.4  | 532.3  | 557.4  | 539.8  | 479.6  | 427.5  | 386.7  | 357.2  |
| 67.5°  | 300.7  | 323.0  | 355.6  | 398.2  | 438.8  | 452.4  | 436.4  | 394.5  | 350.3  | 317.6  | 296.8  |
| 70°    | 259.9  | 280.9  | 308.3  | 341.0  | 376.5  | 391.0  | 374.9  | 341.5  | 305.6  | 275.5  | 255.1  |
| 72.5°  | 224.3  | 240.5  | 263.6  | 291.6  | 319.3  | 333.9  | 322.9  | 290.8  | 260.4  | 238.1  | 220.8  |
| 75°    | 170.8  | 184.8  | 200.9  | 220.8  | 242.3  | 251.9  | 242.3  | 220.3  | 199.2  | 182.6  | 170.3  |
| 77.5°  | 124.2  | 131.7  | 144.1  | 159.0  | 172.4  | 179.9  | 171.5  | 156.5  | 143.7  | 132.3  | 126.2  |
| 80°    | 94.5   | 99.9   | 108.5  | 120.3  | 129.5  | 136.4  | 131.1  | 118.7  | 108.5  | 101.0  | 98.3   |
| 82.5°  | 68.8   | 72.4   | 78.0   | 86.7   | 92.9   | 96.4   | 94.1   | 85.1   | 81.0   | 74.3   | 71.6   |
| 85°    | 33.8   | 36.0   | 39.8   | 42.4   | 47.8   | 48.4   | 48.9   | 45.1   | 41.4   | 39.8   | 37.6   |
| 87.5°  | 12.2   | 12.9   | 14.5   | 16.1   | 18.1   | 18.7   | 18.5   | 18.7   | 17.2   | 16.9   | 15.3   |
| 90°    | 3.1    | 4.5    | 6.0    | 7.4    | 8.6    | 9.6    | 10.6   | 11.6   | 12.6   | 13.4   | 14.2   |
| 92.5°  | 13.9   | 15.6   | 17.2   | 18.8   | 19.9   | 20.7   | 21.4   | 22.1   | 22.8   | 23.2   | 23.7   |
| 95°    | 35.7   | 36.9   | 38.0   | 39.2   | 40.2   | 41.1   | 42.0   | 42.9   | 43.7   | 44.1   | 44.5   |
| 97.5°  | 61.3   | 62.2   | 63.1   | 64.0   | 65.0   | 66.0   | 67.2   | 68.2   | 69.3   | 69.7   | 70.2   |
| 100°   | 81.2   | 81.7   | 82.2   | 82.7   | 83.5   | 84.6   | 85.8   | 86.9   | 88.2   | 88.4   | 88.7   |
| 102.5° | 102.0  | 102.2  | 102.4  | 102.6  | 103.3  | 104.3  | 105.3  | 106.4  | 107.4  | 107.9  | 108.2  |
| 105°   | 134.3  | 134.4  | 134.6  | 134.7  | 135.0  | 135.5  | 136.0  | 136.5  | 137.0  | 137.4  | 137.8  |
| 107.5° | 168.3  | 168.4  | 168.6  | 168.8  | 169.0  | 169.0  | 169.1  | 169.2  | 169.3  | 169.6  | 170.0  |
| 110°   | 191.5  | 191.8  | 192.0  | 192.3  | 192.3  | 192.2  | 192.1  | 192.0  | 191.8  | 191.6  | 191.3  |





TEST NUMBER: P332590-840

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**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 215.2 | 215.3 | 215.3 | 215.4 | 215.3 | 215.1 | 214.8 | 214.6 | 214.4 | 214.3 | 214.3 |
| 115°   | 251.2 | 251.2 | 251.2 | 251.2 | 251.0 | 250.7 | 250.4 | 250.2 | 249.9 | 249.8 | 249.7 |
| 117.5° | 285.1 | 285.2 | 285.3 | 285.4 | 285.4 | 285.2 | 285.0 | 284.8 | 284.7 | 284.2 | 283.8 |
| 120°   | 308.1 | 308.6 | 309.1 | 309.6 | 309.7 | 309.3 | 308.9 | 308.5 | 308.1 | 307.5 | 306.9 |
| 122.5° | 331.2 | 331.4 | 331.6 | 331.8 | 331.9 | 331.7 | 331.5 | 331.3 | 331.2 | 330.7 | 330.3 |
| 125°   | 365.8 | 365.8 | 365.8 | 365.8 | 365.7 | 365.6 | 365.5 | 365.3 | 365.2 | 364.9 | 364.7 |
| 127.5° | 397.6 | 398.0 | 398.4 | 398.7 | 398.8 | 398.6 | 398.4 | 398.2 | 398.0 | 397.8 | 397.5 |
| 130°   | 419.7 | 420.1 | 420.5 | 420.8 | 421.0 | 421.0 | 421.0 | 421.0 | 421.0 | 420.8 | 420.5 |
| 132.5° | 442.2 | 442.4 | 442.7 | 443.0 | 443.1 | 443.0 | 442.9 | 442.8 | 442.7 | 442.4 | 442.2 |
| 135°   | 472.5 | 473.2 | 474.0 | 474.8 | 475.1 | 475.1 | 475.1 | 475.1 | 475.1 | 474.9 | 474.6 |
| 137.5° | 504.5 | 504.9 | 505.2 | 505.6 | 505.9 | 506.1 | 506.3 | 506.5 | 506.8 | 506.4 | 506.0 |
| 140°   | 526.1 | 526.3 | 526.6 | 526.8 | 527.0 | 527.0 | 527.0 | 527.0 | 527.0 | 526.8 | 526.7 |
| 142.5° | 545.9 | 546.2 | 546.4 | 546.7 | 546.7 | 546.6 | 546.5 | 546.4 | 546.3 | 546.3 | 546.3 |
| 145°   | 573.6 | 574.1 | 574.6 | 575.1 | 575.4 | 575.6 | 575.7 | 575.8 | 575.9 | 575.8 | 575.7 |
| 147.5° | 600.9 | 601.5 | 602.1 | 602.8 | 603.0 | 602.9 | 602.8 | 602.7 | 602.6 | 602.5 | 602.4 |
| 150°   | 617.4 | 617.9 | 618.4 | 618.9 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 | 619.1 |
| 152.5° | 632.9 | 633.2 | 633.5 | 633.8 | 634.0 | 634.1 | 634.2 | 634.3 | 634.4 | 634.7 | 635.0 |
| 155°   | 656.6 | 656.6 | 656.6 | 656.6 | 656.5 | 656.4 | 656.3 | 656.2 | 656.0 | 656.5 | 657.0 |
| 157.5° | 676.6 | 676.4 | 676.2 | 676.0 | 675.8 | 675.8 | 675.8 | 675.8 | 675.7 | 676.1 | 676.5 |
| 160°   | 688.7 | 688.6 | 688.5 | 688.3 | 688.2 | 688.1 | 688.0 | 687.8 | 687.7 | 688.1 | 688.5 |
| 162.5° | 699.6 | 699.2 | 698.9 | 698.6 | 698.3 | 698.2 | 698.1 | 698.0 | 697.8 | 698.5 | 699.2 |
| 165°   | 714.4 | 714.0 | 713.7 | 713.3 | 713.0 | 712.7 | 712.5 | 712.2 | 712.0 | 712.7 | 713.5 |
| 167.5° | 725.7 | 725.1 | 724.6 | 724.1 | 723.8 | 723.8 | 723.9 | 723.9 | 723.9 | 724.7 | 725.4 |
| 170°   | 732.1 | 731.3 | 730.7 | 730.0 | 729.8 | 729.9 | 730.0 | 730.2 | 730.3 | 731.1 | 731.8 |
| 172.5° | 736.7 | 736.2 | 735.7 | 735.1 | 734.9 | 734.9 | 734.9 | 734.9 | 735.0 | 735.8 | 736.7 |
| 175°   | 743.0 | 742.4 | 741.6 | 741.0 | 740.6 | 740.5 | 740.4 | 740.2 | 740.1 | 741.0 | 741.9 |
| 177.5° | 745.2 | 744.7 | 744.2 | 743.6 | 743.4 | 743.4 | 743.4 | 743.4 | 743.4 | 744.1 | 744.8 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |



TEST NUMBER: P332590-840

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1296.6 |
| 2.5°   | 1366.5 | 1367.5 | 1371.3 | 1374.3 | 1375.1 | 1379.5 | 1379.9 |
| 5°     | 1486.6 | 1495.8 | 1513.5 | 1515.1 | 1517.8 | 1531.8 | 1521.1 |
| 7.5°   | 1627.4 | 1650.5 | 1666.1 | 1679.7 | 1684.7 | 1690.7 | 1689.5 |
| 10°    | 1717.6 | 1752.0 | 1769.2 | 1796.5 | 1797.7 | 1804.6 | 1800.3 |
| 12.5°  | 1808.3 | 1848.3 | 1879.6 | 1884.6 | 1907.6 | 1911.2 | 1917.2 |
| 15°    | 1936.7 | 1979.1 | 2022.7 | 2038.2 | 2069.9 | 2077.5 | 2089.3 |
| 17.5°  | 2057.5 | 2100.8 | 2131.3 | 2171.6 | 2184.6 | 2202.0 | 2190.2 |
| 20°    | 2123.6 | 2170.9 | 2209.6 | 2241.3 | 2254.7 | 2264.3 | 2263.3 |
| 22.5°  | 2163.6 | 2211.3 | 2242.6 | 2266.6 | 2279.2 | 2283.3 | 2283.0 |
| 25°    | 2188.6 | 2216.0 | 2225.6 | 2234.8 | 2220.9 | 2216.0 | 2218.2 |
| 27.5°  | 2119.0 | 2111.9 | 2086.7 | 2053.6 | 2019.2 | 1992.0 | 1977.1 |
| 30°    | 2023.2 | 1981.4 | 1943.2 | 1876.5 | 1842.2 | 1821.8 | 1803.5 |
| 32.5°  | 1887.4 | 1821.1 | 1747.7 | 1686.7 | 1647.6 | 1617.3 | 1612.8 |
| 35°    | 1654.8 | 1554.9 | 1465.2 | 1390.5 | 1351.8 | 1319.1 | 1311.5 |
| 37.5°  | 1406.8 | 1303.0 | 1222.3 | 1156.6 | 1115.0 | 1091.9 | 1070.3 |
| 40°    | 1242.2 | 1153.2 | 1073.6 | 1017.7 | 986.1  | 969.5  | 956.0  |
| 42.5°  | 1115.5 | 1034.1 | 955.0  | 912.5  | 883.8  | 873.6  | 865.8  |
| 45°    | 940.4  | 864.7  | 809.9  | 777.7  | 761.0  | 743.9  | 735.8  |
| 47.5°  | 800.2  | 738.6  | 702.5  | 675.1  | 657.3  | 647.1  | 642.0  |
| 50°    | 720.7  | 670.2  | 638.0  | 617.1  | 601.0  | 592.9  | 588.7  |
| 52.5°  | 650.3  | 608.8  | 581.8  | 565.1  | 554.2  | 548.3  | 546.5  |
| 55°    | 560.2  | 528.5  | 511.3  | 496.9  | 488.8  | 483.4  | 481.2  |
| 57.5°  | 487.0  | 462.5  | 448.6  | 436.7  | 433.5  | 429.0  | 427.5  |
| 60°    | 438.8  | 420.0  | 408.2  | 400.1  | 397.5  | 392.0  | 393.1  |
| 62.5°  | 396.3  | 380.9  | 370.8  | 366.2  | 362.6  | 358.1  | 359.6  |
| 65°    | 335.2  | 323.9  | 318.5  | 314.2  | 309.9  | 307.2  | 309.3  |
| 67.5°  | 281.2  | 273.5  | 266.2  | 263.7  | 261.6  | 261.2  | 258.8  |
| 70°    | 246.0  | 239.5  | 233.1  | 231.5  | 231.5  | 229.3  | 228.8  |
| 72.5°  | 212.1  | 207.3  | 203.0  | 201.9  | 200.2  | 201.0  | 198.7  |
| 75°    | 163.8  | 160.1  | 158.4  | 156.8  | 156.3  | 156.3  | 154.7  |
| 77.5°  | 121.1  | 118.3  | 115.7  | 115.7  | 113.7  | 113.0  | 112.8  |
| 80°    | 91.8   | 90.8   | 88.7   | 88.7   | 87.6   | 88.1   | 87.1   |
| 82.5°  | 69.1   | 67.6   | 67.2   | 66.2   | 64.7   | 64.8   | 63.8   |
| 85°    | 37.1   | 35.4   | 34.9   | 33.3   | 32.2   | 33.3   | 32.2   |
| 87.5°  | 15.9   | 15.7   | 15.2   | 14.4   | 14.1   | 14.1   | 12.9   |
| 90°    | 14.9   | 15.8   | 16.3   | 16.6   | 16.8   | 17.1   | 17.3   |
| 92.5°  | 24.2   | 24.6   | 24.9   | 25.1   | 25.2   | 25.4   | 25.5   |
| 95°    | 44.9   | 45.3   | 45.5   | 45.5   | 45.5   | 45.5   | 45.5   |
| 97.5°  | 70.6   | 71.1   | 71.3   | 71.3   | 71.3   | 71.3   | 71.3   |
| 100°   | 88.9   | 89.2   | 89.3   | 89.3   | 89.3   | 89.3   | 89.3   |
| 102.5° | 108.6  | 108.9  | 109.2  | 109.3  | 109.4  | 109.5  | 109.6  |
| 105°   | 138.3  | 138.7  | 139.0  | 139.4  | 139.8  | 140.2  | 140.6  |
| 107.5° | 170.3  | 170.7  | 170.9  | 170.8  | 170.8  | 170.8  | 170.8  |
| 110°   | 191.1  | 190.8  | 190.9  | 191.3  | 191.6  | 192.0  | 192.4  |



TEST NUMBER: P332590-840

CATALOG NUMBER: SA4XXDIP-C795D590U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.2 | 214.2 | 214.2 | 214.3 | 214.3 | 214.4 | 214.5 |
| 115°   | 249.6 | 249.4 | 249.3 | 249.2 | 249.0 | 248.9 | 248.8 |
| 117.5° | 283.4 | 282.9 | 282.6 | 282.3 | 282.1 | 281.8 | 281.6 |
| 120°   | 306.2 | 305.6 | 305.4 | 305.7 | 305.9 | 306.2 | 306.4 |
| 122.5° | 329.9 | 329.4 | 329.0 | 328.5 | 328.1 | 327.6 | 327.2 |
| 125°   | 364.4 | 364.2 | 363.9 | 363.7 | 363.3 | 363.1 | 362.8 |
| 127.5° | 397.3 | 397.0 | 396.8 | 396.6 | 396.4 | 396.2 | 396.0 |
| 130°   | 420.3 | 420.0 | 419.6 | 419.1 | 418.6 | 418.1 | 417.6 |
| 132.5° | 441.9 | 441.7 | 441.4 | 441.2 | 441.0 | 440.8 | 440.6 |
| 135°   | 474.4 | 474.1 | 473.8 | 473.4 | 473.0 | 472.7 | 472.3 |
| 137.5° | 505.7 | 505.4 | 505.2 | 505.3 | 505.4 | 505.5 | 505.6 |
| 140°   | 526.6 | 526.5 | 526.3 | 526.2 | 526.1 | 526.0 | 525.8 |
| 142.5° | 546.3 | 546.2 | 546.2 | 546.2 | 546.2 | 546.1 | 546.1 |
| 145°   | 575.6 | 575.4 | 575.2 | 574.8 | 574.4 | 574.0 | 573.7 |
| 147.5° | 602.3 | 602.2 | 602.1 | 602.0 | 601.8 | 601.7 | 601.6 |
| 150°   | 619.1 | 619.1 | 619.1 | 618.9 | 618.8 | 618.7 | 618.6 |
| 152.5° | 635.3 | 635.6 | 635.6 | 635.3 | 634.9 | 634.6 | 634.3 |
| 155°   | 657.5 | 658.1 | 658.1 | 657.5 | 657.0 | 656.5 | 656.0 |
| 157.5° | 676.9 | 677.3 | 677.2 | 676.8 | 676.4 | 675.9 | 675.5 |
| 160°   | 688.8 | 689.2 | 689.1 | 688.5 | 687.8 | 687.2 | 686.6 |
| 162.5° | 699.9 | 700.6 | 700.6 | 700.0 | 699.3 | 698.7 | 698.1 |
| 165°   | 714.2 | 715.0 | 715.1 | 714.6 | 714.1 | 713.6 | 713.1 |
| 167.5° | 726.2 | 727.0 | 726.9 | 726.2 | 725.4 | 724.6 | 723.8 |
| 170°   | 732.7 | 733.4 | 733.4 | 732.5 | 731.5 | 730.6 | 729.7 |
| 172.5° | 737.6 | 738.4 | 738.4 | 737.5 | 736.6 | 735.7 | 734.9 |
| 175°   | 742.9 | 743.7 | 743.7 | 742.9 | 741.9 | 741.0 | 740.1 |
| 177.5° | 745.5 | 746.2 | 746.2 | 745.4 | 744.6 | 743.7 | 742.9 |
| 180°   | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 | 744.8 |

(END OF REPORT)