

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: P331681

Luminaire Tested: **SA2XXRDIP-C675D530U835-4F0-1E-UDD-A**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331681  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 530 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

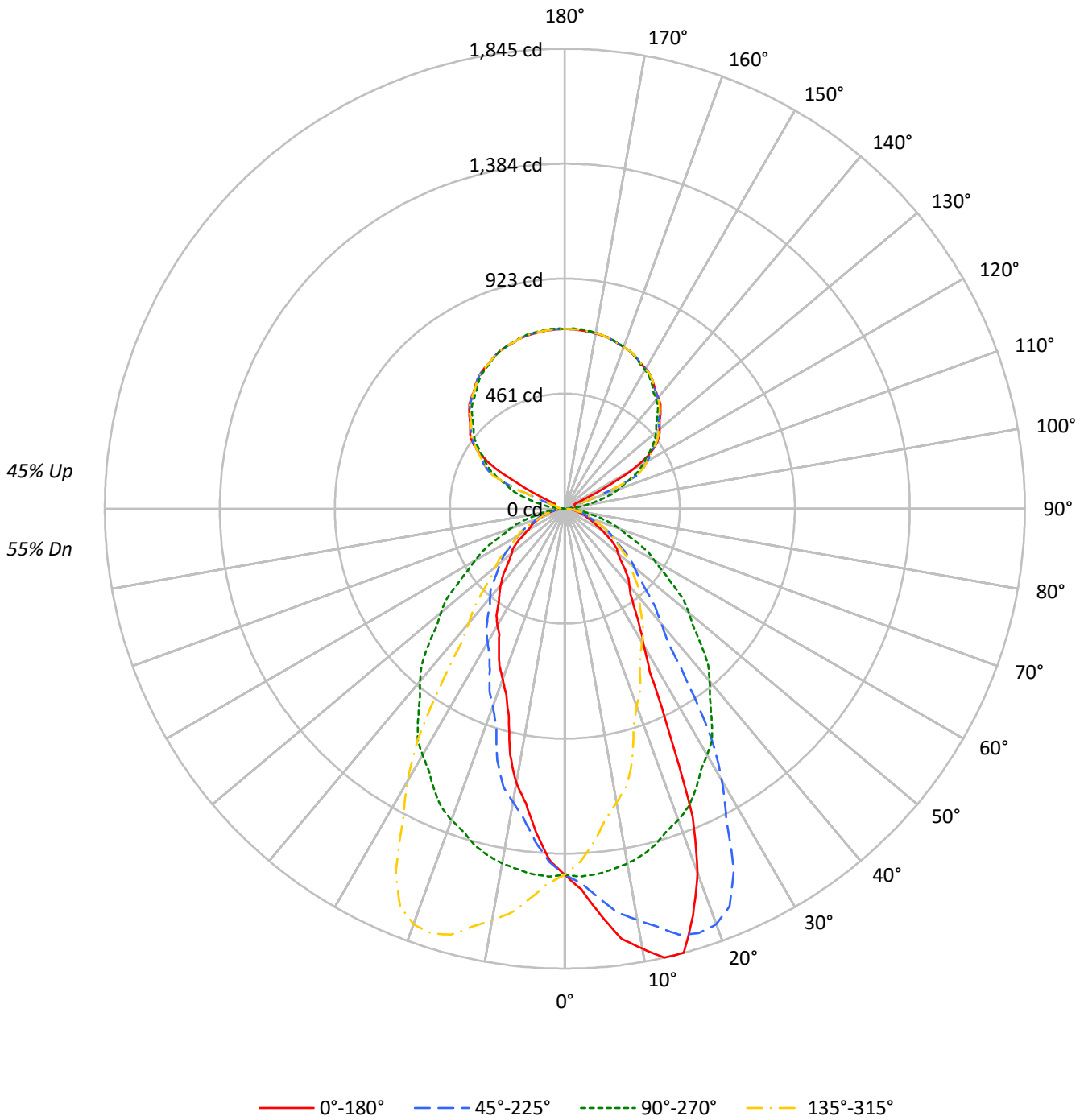
Lumens per Lamp: N/A  
Luminaire Lumens: 4654.3 lumens  
Efficiency: N/A  
Efficacy: 115.5 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

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: P331681  
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### Luminous Intensity Polar Plot





TEST NUMBER: P331681

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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   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 |    |    |    |   |
| 1   | 100 | 96  | 92  | 89  | 92  | 89  | 86  | 83  | 77 | 74 | 72 | 65 | 64 | 62 | 55 | 54 | 53 | 48 |    |    |    |   |
| 2   | 91  | 85  | 79  | 74  | 85  | 79  | 74  | 70  | 68 | 64 | 61 | 58 | 56 | 53 | 49 | 47 | 46 | 41 |    |    |    |   |
| 3   | 84  | 75  | 68  | 63  | 78  | 70  | 64  | 59  | 61 | 56 | 53 | 52 | 49 | 46 | 44 | 42 | 40 | 36 |    |    |    |   |
| 4   | 77  | 67  | 60  | 54  | 72  | 63  | 56  | 51  | 55 | 50 | 46 | 47 | 44 | 40 | 40 | 38 | 35 | 32 |    |    |    |   |
| 5   | 71  | 60  | 53  | 47  | 66  | 57  | 50  | 45  | 50 | 44 | 40 | 43 | 39 | 36 | 37 | 34 | 31 | 28 |    |    |    |   |
| 6   | 66  | 55  | 47  | 41  | 62  | 51  | 44  | 39  | 45 | 40 | 36 | 39 | 35 | 32 | 34 | 31 | 28 | 25 |    |    |    |   |
| 7   | 62  | 50  | 42  | 37  | 57  | 47  | 40  | 35  | 41 | 36 | 32 | 36 | 32 | 29 | 31 | 28 | 26 | 23 |    |    |    |   |
| 8   | 57  | 46  | 38  | 33  | 53  | 43  | 36  | 32  | 38 | 33 | 29 | 33 | 29 | 26 | 29 | 26 | 23 | 21 |    |    |    |   |
| 9   | 54  | 42  | 35  | 30  | 50  | 40  | 33  | 29  | 35 | 30 | 26 | 31 | 27 | 24 | 27 | 24 | 21 | 19 |    |    |    |   |
| 10  | 50  | 39  | 32  | 27  | 47  | 37  | 30  | 26  | 33 | 27 | 24 | 29 | 25 | 22 | 25 | 22 | 20 | 18 |    |    |    |   |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 23720 | 23720 | 23720 | 23720 |
| 5°  | 26491 | 23869 | 21162 | 23869 |
| 10° | 29391 | 23700 | 18344 | 23700 |
| 15° | 30837 | 23353 | 14454 | 23353 |
| 20° | 26734 | 22838 | 12507 | 22838 |
| 25° | 17533 | 22133 | 11166 | 22133 |
| 30° | 11801 | 21280 | 10107 | 21280 |
| 35° | 9558  | 20203 | 9116  | 20203 |
| 40° | 8500  | 19032 | 8435  | 19032 |
| 45° | 7693  | 17657 | 7531  | 17657 |
| 50° | 7001  | 16297 | 6975  | 16297 |
| 55° | 6581  | 14787 | 6494  | 14787 |
| 60° | 5506  | 13401 | 5438  | 13401 |
| 65° | 4642  | 12168 | 5265  | 12168 |
| 70° | 4291  | 10867 | 4966  | 10867 |
| 75° | 4011  | 9457  | 4585  | 9457  |
| 80° | 3701  | 7782  | 4082  | 7782  |
| 85° | 3409  | 6150  | 3594  | 6150  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 139.3  | 3.0       |
| 10°-20°   | 388.0  | 8.3       |
| 20°-30°   | 500.0  | 10.7      |
| 30°-40°   | 475.2  | 10.2      |
| 40°-50°   | 407.1  | 8.7       |
| 50°-60°   | 310.0  | 6.7       |
| 60°-70°   | 196.0  | 4.2       |
| 70°-80°   | 97.9   | 2.1       |
| 80°-90°   | 27.3   | 0.6       |
| 90°-100°  | 24.1   | 0.5       |
| 100°-110° | 88.2   | 1.9       |
| 110°-120° | 235.8  | 5.1       |
| 120°-130° | 389.3  | 8.4       |
| 130°-140° | 414.0  | 8.9       |
| 140°-150° | 384.8  | 8.3       |
| 150°-160° | 309.4  | 6.6       |
| 160°-170° | 199.4  | 4.3       |
| 170°-180° | 68.6   | 1.5       |
| 0°-30°    | 1027.3 | 22.1      |
| 0°-40°    | 1502.5 | 32.3      |
| 0°-60°    | 2219.6 | 47.7      |
| 0°-90°    | 2540.7 | 54.6      |
| 90°-120°  | 348.1  | 7.5       |
| 90°-150°  | 1536.2 | 33.0      |
| 90°-180°  | 2114.0 | 45.4      |
| 0°-180°   | 4654.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1469 | 1469 | 1469 | 1469 | 1469 |      |
| 5°   | 1634 | 1473 | 1306 | 1473 | 1634 | 161  |
| 15°  | 1845 | 1397 | 865  | 1397 | 1845 | 498  |
| 25°  | 984  | 1242 | 627  | 1242 | 984  | 467  |
| 35°  | 485  | 1025 | 462  | 1025 | 485  | 310  |
| 45°  | 337  | 773  | 330  | 773  | 337  | 261  |
| 55°  | 234  | 525  | 231  | 525  | 234  | 205  |
| 65°  | 122  | 318  | 138  | 318  | 122  | 124  |
| 75°  | 64   | 152  | 74   | 152  | 64   | 68   |
| 85°  | 18   | 33   | 19   | 33   | 18   | 20   |
| 90°  | 14   | 0    | 14   | 0    | 14   | 7    |
| 95°  | 22   | 34   | 22   | 34   | 22   | 21   |
| 105° | 40   | 159  | 40   | 159  | 40   | 41   |
| 115° | 43   | 300  | 43   | 300  | 43   | 107  |
| 125° | 446  | 424  | 446  | 424  | 446  | 386  |
| 135° | 542  | 525  | 542  | 525  | 542  | 418  |
| 145° | 618  | 609  | 618  | 609  | 618  | 387  |
| 155° | 671  | 671  | 671  | 671  | 671  | 310  |
| 165° | 705  | 707  | 705  | 707  | 705  | 199  |
| 175° | 719  | 723  | 719  | 723  | 719  | 68   |
| 180° | 721  | 721  | 721  | 721  | 721  |      |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1528.7 | 1529.9 | 1531.2 | 1528.3 | 1528.3 | 1525.8 | 1520.5 | 1516.5 | 1505.0 | 1503.4 | 1503.4 |
| 5°     | 1634.5 | 1633.4 | 1635.5 | 1628.9 | 1619.7 | 1617.6 | 1607.9 | 1595.2 | 1581.9 | 1567.1 | 1564.0 |
| 7.5°   | 1739.6 | 1738.1 | 1734.0 | 1732.9 | 1725.8 | 1710.4 | 1694.8 | 1678.2 | 1656.1 | 1634.6 | 1623.8 |
| 10°    | 1792.7 | 1809.6 | 1799.3 | 1781.5 | 1785.1 | 1761.1 | 1748.3 | 1726.4 | 1708.0 | 1675.8 | 1668.7 |
| 12.5°  | 1845.0 | 1851.6 | 1848.4 | 1838.2 | 1833.6 | 1817.0 | 1799.8 | 1780.7 | 1746.8 | 1717.9 | 1692.8 |
| 15°    | 1844.8 | 1854.5 | 1857.0 | 1854.0 | 1856.5 | 1855.5 | 1846.3 | 1830.5 | 1800.9 | 1769.2 | 1741.7 |
| 17.5°  | 1708.6 | 1715.3 | 1732.1 | 1743.4 | 1757.7 | 1787.9 | 1802.8 | 1808.6 | 1804.2 | 1786.2 | 1766.8 |
| 20°    | 1555.9 | 1544.6 | 1591.6 | 1615.6 | 1636.0 | 1687.0 | 1730.9 | 1747.8 | 1774.8 | 1774.3 | 1769.2 |
| 22.5°  | 1339.4 | 1342.1 | 1386.6 | 1415.1 | 1474.7 | 1525.7 | 1575.8 | 1639.2 | 1691.5 | 1726.1 | 1746.4 |
| 25°    | 984.2  | 1003.6 | 1048.0 | 1086.8 | 1153.1 | 1248.1 | 1334.3 | 1434.4 | 1528.8 | 1603.3 | 1674.3 |
| 27.5°  | 739.1  | 740.6  | 775.8  | 811.6  | 851.0  | 928.8  | 1037.4 | 1156.9 | 1291.5 | 1402.6 | 1530.4 |
| 30°    | 633.0  | 629.9  | 644.7  | 666.7  | 700.3  | 760.6  | 842.2  | 959.7  | 1093.9 | 1261.3 | 1410.4 |
| 32.5°  | 557.8  | 558.0  | 569.2  | 585.4  | 613.4  | 654.0  | 709.9  | 805.3  | 932.2  | 1096.8 | 1271.5 |
| 35°    | 484.9  | 484.4  | 492.6  | 504.3  | 516.1  | 542.1  | 580.4  | 630.4  | 717.7  | 871.3  | 1050.0 |
| 37.5°  | 432.7  | 434.9  | 438.9  | 446.2  | 459.2  | 473.7  | 496.7  | 530.3  | 592.4  | 683.3  | 833.5  |
| 40°    | 403.3  | 404.3  | 409.9  | 416.0  | 423.7  | 434.9  | 453.8  | 480.8  | 526.3  | 598.8  | 708.5  |
| 42.5°  | 376.3  | 377.3  | 381.3  | 387.0  | 393.0  | 404.3  | 419.9  | 443.3  | 480.1  | 536.7  | 627.2  |
| 45°    | 336.9  | 336.9  | 340.5  | 343.0  | 349.7  | 359.9  | 372.6  | 392.0  | 417.6  | 459.4  | 519.6  |
| 47.5°  | 299.9  | 300.0  | 302.4  | 306.8  | 311.0  | 318.9  | 331.5  | 347.3  | 365.9  | 398.3  | 449.7  |
| 50°    | 278.7  | 279.2  | 280.7  | 284.3  | 286.9  | 294.0  | 303.7  | 317.5  | 336.9  | 361.9  | 404.8  |
| 52.5°  | 261.6  | 261.2  | 263.2  | 264.7  | 266.5  | 271.6  | 278.8  | 291.0  | 308.3  | 330.1  | 365.6  |
| 55°    | 233.8  | 231.7  | 234.8  | 237.4  | 238.9  | 240.9  | 245.0  | 252.7  | 267.5  | 285.9  | 312.4  |
| 57.5°  | 199.1  | 198.3  | 200.4  | 202.8  | 207.6  | 213.1  | 216.5  | 221.4  | 229.1  | 242.3  | 268.6  |
| 60°    | 170.5  | 170.5  | 175.1  | 176.6  | 182.2  | 189.4  | 196.5  | 200.6  | 208.3  | 216.9  | 236.3  |
| 62.5°  | 145.2  | 145.6  | 147.7  | 149.3  | 152.4  | 161.2  | 171.2  | 180.2  | 187.4  | 195.7  | 208.6  |
| 65°    | 121.5  | 122.5  | 122.5  | 123.5  | 125.6  | 127.6  | 131.7  | 138.8  | 151.6  | 163.3  | 173.0  |
| 67.5°  | 103.1  | 103.4  | 103.7  | 104.7  | 105.3  | 107.5  | 109.1  | 112.3  | 115.3  | 126.4  | 138.4  |
| 70°    | 90.9   | 92.4   | 91.9   | 92.9   | 93.4   | 94.4   | 96.5   | 98.0   | 102.6  | 105.2  | 112.3  |
| 72.5°  | 79.4   | 80.5   | 80.4   | 81.1   | 82.4   | 82.6   | 84.2   | 85.8   | 88.7   | 90.9   | 94.7   |
| 75°    | 64.3   | 63.8   | 64.3   | 65.3   | 65.8   | 66.4   | 66.4   | 68.4   | 69.9   | 72.0   | 74.5   |
| 77.5°  | 49.6   | 50.1   | 50.0   | 50.1   | 50.2   | 51.1   | 51.0   | 52.0   | 53.5   | 54.5   | 55.7   |
| 80°    | 39.8   | 40.3   | 39.8   | 40.3   | 40.8   | 41.3   | 40.8   | 41.3   | 42.9   | 43.9   | 43.9   |
| 82.5°  | 30.8   | 30.9   | 31.2   | 31.3   | 31.4   | 31.5   | 32.3   | 32.4   | 33.5   | 33.3   | 33.7   |
| 85°    | 18.4   | 17.9   | 17.9   | 17.9   | 18.4   | 18.9   | 18.4   | 18.4   | 18.9   | 18.9   | 18.9   |
| 87.5°  | 9.4    | 9.7    | 9.7    | 9.6    | 9.6    | 9.5    | 9.4    | 9.7    | 9.1    | 9.4    | 8.8    |
| 90°    | 14.1   | 13.9   | 13.6   | 13.4   | 13.2   | 12.8   | 12.2   | 11.6   | 11.0   | 10.4   | 9.5    |
| 92.5°  | 14.1   | 14.0   | 13.8   | 13.7   | 13.5   | 13.3   | 13.0   | 12.7   | 12.4   | 12.1   | 11.6   |
| 95°    | 22.4   | 22.6   | 22.7   | 22.8   | 22.9   | 22.7   | 22.1   | 21.5   | 20.9   | 20.4   | 19.5   |
| 97.5°  | 30.0   | 29.8   | 29.7   | 29.5   | 29.4   | 29.1   | 28.6   | 28.2   | 27.7   | 27.2   | 25.4   |
| 100°   | 35.0   | 34.7   | 34.5   | 34.3   | 34.0   | 33.5   | 32.5   | 31.6   | 30.7   | 29.7   | 27.8   |
| 102.5° | 37.5   | 37.1   | 36.8   | 36.5   | 36.2   | 35.4   | 34.2   | 33.0   | 31.8   | 30.6   | 27.1   |
| 105°   | 39.7   | 39.2   | 38.7   | 38.3   | 37.8   | 36.9   | 35.7   | 34.4   | 33.1   | 31.8   | 26.5   |
| 107.5° | 40.8   | 40.3   | 39.9   | 39.4   | 39.0   | 39.4   | 40.7   | 42.0   | 43.3   | 44.6   | 25.5   |
| 110°   | 41.2   | 40.8   | 40.3   | 39.8   | 39.4   | 44.9   | 56.5   | 68.1   | 79.7   | 91.3   | 124.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 41.6  | 41.3  | 40.9  | 40.5  | 40.2  | 61.1  | 103.4 | 145.7 | 188.0 | 230.4 | 238.6 |
| 115°   | 42.8  | 51.1  | 59.5  | 67.8  | 76.2  | 107.2 | 160.9 | 214.6 | 268.3 | 322.0 | 319.1 |
| 117.5° | 174.7 | 202.2 | 229.6 | 257.0 | 284.5 | 304.7 | 317.7 | 330.7 | 343.7 | 356.6 | 354.7 |
| 120°   | 318.3 | 334.0 | 349.7 | 365.3 | 381.0 | 388.1 | 386.7 | 385.3 | 383.9 | 382.5 | 380.4 |
| 122.5° | 397.2 | 400.3 | 403.3 | 406.4 | 409.4 | 410.5 | 409.7 | 408.8 | 408.0 | 407.2 | 404.9 |
| 125°   | 446.2 | 445.9 | 445.5 | 445.2 | 444.8 | 444.2 | 443.4 | 442.6 | 441.8 | 441.0 | 438.8 |
| 127.5° | 477.1 | 477.0 | 477.0 | 476.9 | 476.8 | 476.2 | 475.0 | 473.8 | 472.6 | 471.5 | 469.8 |
| 130°   | 496.3 | 496.4 | 496.5 | 496.6 | 496.8 | 496.2 | 494.9 | 493.6 | 492.4 | 491.1 | 489.8 |
| 132.5° | 515.1 | 515.2 | 515.3 | 515.4 | 515.5 | 515.1 | 514.0 | 512.9 | 511.8 | 510.7 | 509.4 |
| 135°   | 542.2 | 542.5 | 542.7 | 542.9 | 543.2 | 542.7 | 541.5 | 540.4 | 539.2 | 538.0 | 537.0 |
| 137.5° | 567.0 | 567.4 | 567.7 | 568.1 | 568.5 | 568.2 | 567.0 | 565.9 | 564.8 | 563.6 | 562.4 |
| 140°   | 582.4 | 583.0 | 583.6 | 584.1 | 584.7 | 584.5 | 583.4 | 582.4 | 581.4 | 580.3 | 579.0 |
| 142.5° | 597.4 | 598.0 | 598.6 | 599.2 | 599.8 | 599.6 | 598.6 | 597.7 | 596.7 | 595.8 | 594.3 |
| 145°   | 618.4 | 619.0 | 619.6 | 620.2 | 620.7 | 620.6 | 619.8 | 619.0 | 618.2 | 617.4 | 615.4 |
| 147.5° | 636.9 | 637.4 | 637.9 | 638.4 | 638.8 | 638.8 | 638.2 | 637.6 | 637.0 | 636.4 | 634.4 |
| 150°   | 648.2 | 648.7 | 649.3 | 649.9 | 650.5 | 650.4 | 649.7 | 649.0 | 648.3 | 647.6 | 645.8 |
| 152.5° | 657.8 | 658.5 | 659.3 | 660.1 | 660.8 | 660.9 | 660.2 | 659.5 | 658.8 | 658.1 | 656.3 |
| 155°   | 671.1 | 672.1 | 673.0 | 673.9 | 674.8 | 675.0 | 674.3 | 673.6 | 672.9 | 672.2 | 670.8 |
| 157.5° | 683.3 | 684.2 | 685.1 | 686.0 | 687.0 | 687.0 | 686.2 | 685.4 | 684.6 | 683.9 | 682.9 |
| 160°   | 690.4 | 691.2 | 692.1 | 692.9 | 693.7 | 693.7 | 693.0 | 692.3 | 691.7 | 691.0 | 690.3 |
| 162.5° | 696.3 | 697.3 | 698.3 | 699.3 | 700.3 | 700.4 | 699.6 | 698.8 | 698.0 | 697.2 | 696.6 |
| 165°   | 705.0 | 705.9 | 706.7 | 707.5 | 708.3 | 708.3 | 707.5 | 706.7 | 705.9 | 705.0 | 704.7 |
| 167.5° | 710.6 | 711.6 | 712.7 | 713.7 | 714.8 | 714.9 | 714.1 | 713.2 | 712.4 | 711.6 | 711.3 |
| 170°   | 713.9 | 715.0 | 716.0 | 717.0 | 718.1 | 718.2 | 717.4 | 716.6 | 715.8 | 715.0 | 714.7 |
| 172.5° | 716.4 | 717.5 | 718.5 | 719.6 | 720.6 | 720.7 | 719.9 | 719.1 | 718.3 | 717.5 | 717.2 |
| 175°   | 718.6 | 719.8 | 720.9 | 722.1 | 723.3 | 723.4 | 722.6 | 721.8 | 721.0 | 720.2 | 719.9 |
| 177.5° | 720.0 | 720.8 | 721.6 | 722.5 | 723.3 | 723.4 | 722.8 | 722.1 | 721.5 | 720.8 | 720.7 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1504.2 | 1500.9 | 1498.1 | 1490.7 | 1487.1 | 1478.9 | 1477.7 | 1477.3 | 1466.6 | 1456.4 | 1453.6 |
| 5°     | 1555.9 | 1547.7 | 1535.4 | 1521.1 | 1506.3 | 1491.0 | 1480.8 | 1472.7 | 1452.2 | 1432.8 | 1421.6 |
| 7.5°   | 1607.9 | 1590.4 | 1569.2 | 1542.2 | 1519.6 | 1494.3 | 1475.5 | 1458.7 | 1429.7 | 1401.9 | 1383.2 |
| 10°    | 1646.7 | 1618.1 | 1590.1 | 1552.8 | 1523.7 | 1495.1 | 1468.6 | 1445.6 | 1412.9 | 1376.2 | 1350.1 |
| 12.5°  | 1670.8 | 1639.4 | 1600.7 | 1564.2 | 1526.6 | 1490.2 | 1454.7 | 1425.2 | 1386.8 | 1348.8 | 1317.9 |
| 15°    | 1703.4 | 1669.7 | 1622.7 | 1570.7 | 1522.2 | 1474.7 | 1433.9 | 1397.1 | 1347.1 | 1301.7 | 1263.9 |
| 17.5°  | 1730.0 | 1683.7 | 1633.2 | 1573.0 | 1516.9 | 1456.5 | 1403.9 | 1357.0 | 1301.3 | 1246.5 | 1202.0 |
| 20°    | 1738.6 | 1692.7 | 1634.5 | 1574.2 | 1507.9 | 1436.9 | 1380.3 | 1329.2 | 1269.5 | 1209.8 | 1158.7 |
| 22.5°  | 1733.3 | 1697.6 | 1632.8 | 1560.8 | 1492.8 | 1418.5 | 1354.5 | 1295.3 | 1229.1 | 1168.1 | 1108.9 |
| 25°    | 1697.3 | 1685.0 | 1623.8 | 1545.1 | 1467.6 | 1381.3 | 1307.3 | 1242.4 | 1166.9 | 1101.6 | 1037.2 |
| 27.5°  | 1613.2 | 1639.7 | 1601.7 | 1518.0 | 1431.7 | 1339.2 | 1256.0 | 1182.2 | 1103.8 | 1030.3 | 966.2  |
| 30°    | 1532.4 | 1593.1 | 1576.8 | 1499.2 | 1402.7 | 1311.9 | 1218.5 | 1141.4 | 1057.7 | 982.1  | 918.8  |
| 32.5°  | 1421.7 | 1522.1 | 1538.0 | 1473.1 | 1373.3 | 1273.5 | 1175.6 | 1098.9 | 1011.5 | 931.9  | 870.2  |
| 35°    | 1245.5 | 1395.6 | 1464.5 | 1423.1 | 1323.1 | 1215.4 | 1114.3 | 1025.0 | 937.2  | 858.6  | 797.3  |
| 37.5°  | 1035.3 | 1239.7 | 1354.5 | 1357.5 | 1265.6 | 1153.6 | 1043.6 | 954.9  | 865.0  | 787.8  | 721.6  |
| 40°    | 898.9  | 1120.4 | 1270.0 | 1303.2 | 1225.6 | 1104.6 | 993.3  | 903.0  | 815.2  | 739.6  | 663.6  |
| 42.5°  | 776.4  | 997.1  | 1181.0 | 1238.7 | 1177.0 | 1056.8 | 945.2  | 850.7  | 765.4  | 693.9  | 616.2  |
| 45°    | 627.9  | 820.8  | 1023.5 | 1126.6 | 1092.4 | 981.1  | 863.2  | 773.3  | 693.2  | 631.4  | 556.9  |
| 47.5°  | 529.6  | 665.6  | 861.7  | 1001.2 | 1000.6 | 899.0  | 783.0  | 697.0  | 622.7  | 564.8  | 504.4  |
| 50°    | 473.7  | 592.1  | 758.0  | 916.3  | 929.5  | 844.3  | 734.0  | 648.8  | 579.4  | 518.6  | 470.1  |
| 52.5°  | 423.5  | 521.1  | 670.2  | 821.9  | 859.7  | 785.9  | 678.9  | 600.2  | 532.8  | 477.0  | 435.4  |
| 55°    | 357.8  | 433.4  | 546.7  | 688.6  | 745.8  | 693.7  | 598.8  | 525.3  | 470.6  | 423.7  | 387.9  |
| 57.5°  | 302.7  | 359.4  | 450.3  | 564.6  | 631.1  | 598.4  | 520.0  | 460.3  | 413.6  | 371.1  | 342.9  |
| 60°    | 268.0  | 314.4  | 391.5  | 487.0  | 560.5  | 537.5  | 470.6  | 415.0  | 375.2  | 338.4  | 311.9  |
| 62.5°  | 235.3  | 275.2  | 341.3  | 418.8  | 486.2  | 476.7  | 422.0  | 375.4  | 340.5  | 307.0  | 284.5  |
| 65°    | 189.4  | 218.5  | 270.0  | 330.8  | 384.9  | 389.5  | 350.2  | 318.5  | 287.4  | 260.8  | 240.9  |
| 67.5°  | 150.8  | 169.8  | 206.1  | 257.3  | 297.8  | 312.3  | 288.3  | 264.1  | 239.4  | 218.9  | 201.6  |
| 70°    | 127.1  | 142.4  | 169.0  | 210.3  | 247.6  | 262.9  | 249.1  | 230.2  | 208.8  | 191.9  | 177.1  |
| 72.5°  | 103.0  | 117.9  | 137.5  | 167.8  | 199.8  | 216.3  | 211.5  | 198.0  | 180.6  | 166.6  | 152.6  |
| 75°    | 77.6   | 82.2   | 95.5   | 115.9  | 140.9  | 155.2  | 158.8  | 151.6  | 137.8  | 127.1  | 118.9  |
| 77.5°  | 57.4   | 60.1   | 66.5   | 77.2   | 93.5   | 106.3  | 111.5  | 110.7  | 101.2  | 94.9   | 87.3   |
| 80°    | 45.9   | 47.5   | 50.5   | 55.1   | 67.4   | 80.1   | 83.7   | 83.7   | 77.1   | 74.5   | 66.9   |
| 82.5°  | 34.9   | 36.0   | 37.9   | 40.4   | 46.1   | 57.3   | 61.3   | 62.1   | 57.9   | 54.5   | 48.5   |
| 85°    | 19.9   | 19.4   | 20.4   | 21.9   | 23.0   | 26.0   | 32.2   | 33.2   | 32.2   | 28.1   | 26.5   |
| 87.5°  | 8.7    | 8.9    | 8.7    | 8.1    | 8.2    | 8.4    | 10.2   | 11.9   | 10.6   | 9.6    | 9.0    |
| 90°    | 8.6    | 7.7    | 6.7    | 5.6    | 4.3    | 3.1    | 1.8    | 0.5    | 1.8    | 3.1    | 4.3    |
| 92.5°  | 11.2   | 10.7   | 10.3   | 10.1   | 10.2   | 10.3   | 10.4   | 10.5   | 10.4   | 10.3   | 10.2   |
| 95°    | 18.7   | 17.9   | 17.1   | 18.6   | 22.4   | 26.3   | 30.1   | 33.9   | 30.1   | 26.3   | 22.4   |
| 97.5°  | 23.5   | 21.6   | 19.7   | 24.2   | 35.0   | 45.8   | 56.5   | 67.3   | 56.5   | 45.8   | 35.0   |
| 100°   | 25.8   | 23.8   | 21.9   | 28.8   | 44.7   | 60.6   | 76.5   | 92.4   | 76.5   | 60.6   | 44.7   |
| 102.5° | 63.6   | 80.1   | 96.5   | 106.5  | 109.8  | 113.2  | 116.6  | 119.9  | 116.6  | 113.2  | 109.8  |
| 105°   | 95.2   | 126.8  | 158.5  | 172.6  | 169.1  | 165.6  | 162.1  | 158.6  | 162.1  | 165.6  | 169.1  |
| 107.5° | 120.5  | 158.5  | 196.4  | 214.0  | 211.2  | 208.4  | 205.6  | 202.8  | 205.6  | 208.4  | 211.2  |
| 110°   | 158.4  | 191.9  | 225.4  | 240.9  | 238.5  | 236.1  | 233.6  | 231.2  | 233.6  | 236.1  | 238.5  |





TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 246.9 | 255.2 | 263.5 | 266.5 | 264.4 | 262.2 | 260.1 | 257.9 | 260.1 | 262.2 | 264.4 |
| 115°   | 316.2 | 313.3 | 310.4 | 308.0 | 306.0 | 304.0 | 302.0 | 300.1 | 302.0 | 304.0 | 306.0 |
| 117.5° | 352.7 | 350.7 | 348.7 | 346.6 | 344.4 | 342.2 | 340.0 | 337.8 | 340.0 | 342.2 | 344.4 |
| 120°   | 378.4 | 376.3 | 374.2 | 372.3 | 370.5 | 368.8 | 367.0 | 365.3 | 367.0 | 368.8 | 370.5 |
| 122.5° | 402.6 | 400.3 | 398.1 | 396.0 | 394.2 | 392.4 | 390.5 | 388.7 | 390.5 | 392.4 | 394.2 |
| 125°   | 436.6 | 434.4 | 432.2 | 430.3 | 428.8 | 427.3 | 425.8 | 424.3 | 425.8 | 427.3 | 428.8 |
| 127.5° | 468.2 | 466.5 | 464.9 | 463.2 | 461.5 | 459.9 | 458.2 | 456.5 | 458.2 | 459.9 | 461.5 |
| 130°   | 488.5 | 487.3 | 486.0 | 484.4 | 482.6 | 480.7 | 478.8 | 477.0 | 478.8 | 480.7 | 482.6 |
| 132.5° | 508.2 | 506.9 | 505.6 | 504.2 | 502.6 | 501.0 | 499.4 | 497.9 | 499.4 | 501.0 | 502.6 |
| 135°   | 536.0 | 534.9 | 533.9 | 532.4 | 530.6 | 528.7 | 526.9 | 525.0 | 526.9 | 528.7 | 530.6 |
| 137.5° | 561.3 | 560.1 | 558.9 | 557.6 | 556.3 | 555.0 | 553.7 | 552.5 | 553.7 | 555.0 | 556.3 |
| 140°   | 577.8 | 576.5 | 575.2 | 574.1 | 573.2 | 572.3 | 571.3 | 570.4 | 571.3 | 572.3 | 573.2 |
| 142.5° | 592.8 | 591.4 | 589.9 | 588.8 | 587.9 | 587.1 | 586.3 | 585.4 | 586.3 | 587.1 | 587.9 |
| 145°   | 613.4 | 611.5 | 609.5 | 608.6 | 608.7 | 608.8 | 608.9 | 609.0 | 608.9 | 608.8 | 608.7 |
| 147.5° | 632.5 | 630.5 | 628.6 | 627.8 | 628.3 | 628.7 | 629.1 | 629.6 | 629.1 | 628.7 | 628.3 |
| 150°   | 643.9 | 642.1 | 640.2 | 639.7 | 640.5 | 641.3 | 642.1 | 642.9 | 642.1 | 641.3 | 640.5 |
| 152.5° | 654.6 | 652.8 | 651.0 | 650.6 | 651.5 | 652.4 | 653.3 | 654.2 | 653.3 | 652.4 | 651.5 |
| 155°   | 669.4 | 668.0 | 666.6 | 666.4 | 667.5 | 668.5 | 669.6 | 670.6 | 669.6 | 668.5 | 667.5 |
| 157.5° | 681.9 | 680.9 | 680.0 | 679.9 | 680.8 | 681.7 | 682.6 | 683.4 | 682.6 | 681.7 | 680.8 |
| 160°   | 689.6 | 688.9 | 688.2 | 688.2 | 688.9 | 689.6 | 690.3 | 691.0 | 690.3 | 689.6 | 688.9 |
| 162.5° | 696.0 | 695.4 | 694.8 | 694.9 | 695.5 | 696.2 | 696.9 | 697.6 | 696.9 | 696.2 | 695.5 |
| 165°   | 704.3 | 704.0 | 703.7 | 703.8 | 704.5 | 705.2 | 705.9 | 706.6 | 705.9 | 705.2 | 704.5 |
| 167.5° | 711.0 | 710.6 | 710.3 | 710.5 | 711.2 | 711.9 | 712.6 | 713.3 | 712.6 | 711.9 | 711.2 |
| 170°   | 714.5 | 714.3 | 714.0 | 714.3 | 715.0 | 715.7 | 716.4 | 717.0 | 716.4 | 715.7 | 715.0 |
| 172.5° | 717.0 | 716.8 | 716.5 | 716.8 | 717.5 | 718.2 | 718.9 | 719.6 | 718.9 | 718.2 | 717.5 |
| 175°   | 719.7 | 719.5 | 719.3 | 719.5 | 720.4 | 721.2 | 722.0 | 722.8 | 722.0 | 721.2 | 720.4 |
| 177.5° | 720.6 | 720.5 | 720.4 | 720.7 | 721.4 | 722.0 | 722.7 | 723.3 | 722.7 | 722.0 | 721.4 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1448.3 | 1445.4 | 1440.1 | 1431.9 | 1427.0 | 1418.4 | 1412.7 | 1416.0 | 1416.8 | 1416.0 | 1415.2 |
| 5°     | 1409.4 | 1398.6 | 1383.8 | 1369.5 | 1356.3 | 1342.0 | 1333.8 | 1330.2 | 1323.1 | 1319.0 | 1317.0 |
| 7.5°   | 1362.3 | 1343.8 | 1322.9 | 1298.0 | 1276.8 | 1254.7 | 1243.4 | 1237.7 | 1223.1 | 1215.2 | 1208.2 |
| 10°    | 1327.2 | 1298.1 | 1277.2 | 1244.5 | 1224.6 | 1195.5 | 1175.6 | 1176.1 | 1156.2 | 1144.9 | 1136.8 |
| 12.5°  | 1288.4 | 1256.4 | 1221.6 | 1192.2 | 1164.5 | 1141.2 | 1117.2 | 1107.5 | 1086.3 | 1075.5 | 1053.5 |
| 15°    | 1224.1 | 1186.8 | 1150.1 | 1110.2 | 1082.2 | 1045.9 | 1011.2 | 968.8  | 934.6  | 905.0  | 896.9  |
| 17.5°  | 1153.8 | 1107.7 | 1070.8 | 1024.1 | 976.0  | 915.0  | 874.8  | 850.2  | 829.6  | 814.0  | 802.3  |
| 20°    | 1105.6 | 1058.7 | 1019.4 | 948.9  | 884.1  | 842.8  | 813.2  | 794.3  | 772.8  | 756.0  | 746.8  |
| 22.5°  | 1055.0 | 1006.0 | 952.4  | 873.8  | 823.3  | 790.1  | 763.7  | 742.0  | 727.5  | 714.3  | 706.0  |
| 25°    | 983.1  | 929.5  | 841.2  | 787.1  | 746.3  | 711.6  | 693.2  | 679.9  | 664.6  | 646.7  | 638.6  |
| 27.5°  | 907.2  | 821.9  | 758.5  | 718.3  | 679.3  | 656.7  | 640.2  | 620.4  | 606.7  | 598.7  | 590.2  |
| 30°    | 850.4  | 765.2  | 715.7  | 671.8  | 644.2  | 619.2  | 599.8  | 588.6  | 575.3  | 561.5  | 555.9  |
| 32.5°  | 787.1  | 719.0  | 671.6  | 635.0  | 607.0  | 585.7  | 570.4  | 552.2  | 542.6  | 534.1  | 522.4  |
| 35°    | 708.5  | 657.0  | 613.6  | 584.0  | 557.4  | 540.1  | 522.2  | 511.5  | 494.1  | 487.0  | 482.4  |
| 37.5°  | 641.9  | 597.2  | 564.9  | 533.6  | 512.6  | 493.4  | 482.5  | 465.4  | 457.9  | 448.0  | 438.3  |
| 40°    | 604.4  | 560.5  | 529.3  | 503.8  | 480.3  | 466.0  | 452.3  | 438.5  | 427.2  | 422.7  | 410.9  |
| 42.5°  | 566.0  | 530.3  | 499.1  | 471.1  | 455.4  | 440.3  | 422.9  | 412.8  | 401.1  | 393.7  | 386.4  |
| 45°    | 513.0  | 481.4  | 454.8  | 431.8  | 414.5  | 398.7  | 387.4  | 370.6  | 364.0  | 349.1  | 343.0  |
| 47.5°  | 466.5  | 437.0  | 411.7  | 389.9  | 372.9  | 362.6  | 346.2  | 333.0  | 322.4  | 313.3  | 305.5  |
| 50°    | 433.4  | 408.9  | 384.4  | 365.0  | 349.7  | 334.9  | 318.0  | 311.4  | 295.0  | 290.4  | 285.9  |
| 52.5°  | 403.2  | 379.9  | 357.4  | 338.4  | 323.1  | 308.7  | 293.9  | 285.2  | 274.2  | 269.6  | 266.3  |
| 55°    | 360.9  | 338.4  | 317.0  | 300.1  | 284.8  | 270.0  | 260.8  | 250.1  | 245.0  | 241.4  | 237.4  |
| 57.5°  | 318.4  | 298.2  | 281.8  | 264.7  | 249.3  | 237.6  | 226.9  | 220.5  | 215.2  | 210.5  | 205.6  |
| 60°    | 291.5  | 272.1  | 257.3  | 241.4  | 225.6  | 215.9  | 207.8  | 200.1  | 194.0  | 186.8  | 184.8  |
| 62.5°  | 262.9  | 245.9  | 232.4  | 216.9  | 203.2  | 194.3  | 186.5  | 179.3  | 171.9  | 161.5  | 158.6  |
| 65°    | 223.6  | 210.3  | 196.0  | 183.3  | 171.0  | 162.3  | 151.1  | 142.9  | 139.9  | 138.8  | 138.3  |
| 67.5°  | 188.1  | 175.5  | 163.2  | 150.2  | 139.0  | 131.0  | 125.3  | 124.0  | 121.9  | 121.3  | 119.9  |
| 70°    | 164.4  | 152.6  | 140.4  | 128.1  | 117.4  | 115.9  | 113.8  | 111.8  | 109.2  | 108.2  | 107.2  |
| 72.5°  | 143.1  | 131.0  | 118.7  | 108.9  | 104.3  | 102.4  | 100.4  | 98.3   | 96.6   | 95.6   | 94.9   |
| 75°    | 109.7  | 98.5   | 90.4   | 86.8   | 84.2   | 82.7   | 79.6   | 78.1   | 77.1   | 75.5   | 75.0   |
| 77.5°  | 79.0   | 72.7   | 68.9   | 66.7   | 64.0   | 62.4   | 60.6   | 59.1   | 58.0   | 57.7   | 56.9   |
| 80°    | 60.2   | 57.2   | 54.6   | 51.6   | 50.5   | 48.5   | 48.0   | 46.5   | 47.0   | 45.4   | 45.4   |
| 82.5°  | 46.8   | 42.9   | 40.7   | 39.3   | 38.3   | 36.7   | 36.1   | 35.4   | 35.5   | 34.4   | 34.4   |
| 85°    | 24.0   | 23.0   | 21.9   | 20.9   | 20.9   | 19.4   | 19.9   | 19.4   | 19.4   | 18.4   | 17.9   |
| 87.5°  | 8.9    | 8.7    | 8.1    | 8.3    | 8.4    | 8.2    | 8.3    | 8.0    | 8.2    | 8.3    | 7.9    |
| 90°    | 5.6    | 6.7    | 7.7    | 8.6    | 9.5    | 10.4   | 11.0   | 11.6   | 12.2   | 12.8   | 13.2   |
| 92.5°  | 10.1   | 10.3   | 10.7   | 11.2   | 11.6   | 12.1   | 12.4   | 12.7   | 13.0   | 13.3   | 13.5   |
| 95°    | 18.6   | 17.1   | 17.9   | 18.7   | 19.5   | 20.4   | 20.9   | 21.5   | 22.1   | 22.7   | 22.9   |
| 97.5°  | 24.2   | 19.7   | 21.6   | 23.5   | 25.4   | 27.2   | 27.7   | 28.2   | 28.6   | 29.1   | 29.4   |
| 100°   | 28.8   | 21.9   | 23.8   | 25.8   | 27.8   | 29.7   | 30.7   | 31.6   | 32.5   | 33.5   | 34.0   |
| 102.5° | 106.5  | 96.5   | 80.1   | 63.6   | 47.1   | 30.6   | 31.8   | 33.0   | 34.2   | 35.4   | 36.2   |
| 105°   | 172.6  | 158.5  | 126.8  | 95.2   | 63.5   | 31.8   | 33.1   | 34.4   | 35.7   | 36.9   | 37.8   |
| 107.5° | 214.0  | 196.4  | 158.5  | 120.5  | 82.5   | 44.6   | 43.3   | 42.0   | 40.7   | 39.4   | 39.0   |
| 110°   | 240.9  | 225.4  | 191.9  | 158.4  | 124.8  | 91.3   | 79.7   | 68.1   | 56.5   | 44.9   | 39.4   |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 266.5 | 263.5 | 255.2 | 246.9 | 238.6 | 230.4 | 188.0 | 145.7 | 103.4 | 61.1  | 40.2  |
| 115°   | 308.0 | 310.4 | 313.3 | 316.2 | 319.1 | 322.0 | 268.3 | 214.6 | 160.9 | 107.2 | 76.2  |
| 117.5° | 346.6 | 348.7 | 350.7 | 352.7 | 354.7 | 356.6 | 343.7 | 330.7 | 317.7 | 304.7 | 284.5 |
| 120°   | 372.3 | 374.2 | 376.3 | 378.4 | 380.4 | 382.5 | 383.9 | 385.3 | 386.7 | 388.1 | 381.0 |
| 122.5° | 396.0 | 398.1 | 400.3 | 402.6 | 404.9 | 407.2 | 408.0 | 408.8 | 409.7 | 410.5 | 409.4 |
| 125°   | 430.3 | 432.2 | 434.4 | 436.6 | 438.8 | 441.0 | 441.8 | 442.6 | 443.4 | 444.2 | 444.8 |
| 127.5° | 463.2 | 464.9 | 466.5 | 468.2 | 469.8 | 471.5 | 472.6 | 473.8 | 475.0 | 476.2 | 476.8 |
| 130°   | 484.4 | 486.0 | 487.3 | 488.5 | 489.8 | 491.1 | 492.4 | 493.6 | 494.9 | 496.2 | 496.8 |
| 132.5° | 504.2 | 505.6 | 506.9 | 508.2 | 509.4 | 510.7 | 511.8 | 512.9 | 514.0 | 515.1 | 515.5 |
| 135°   | 532.4 | 533.9 | 534.9 | 536.0 | 537.0 | 538.0 | 539.2 | 540.4 | 541.5 | 542.7 | 543.2 |
| 137.5° | 557.6 | 558.9 | 560.1 | 561.3 | 562.4 | 563.6 | 564.8 | 565.9 | 567.0 | 568.2 | 568.5 |
| 140°   | 574.1 | 575.2 | 576.5 | 577.8 | 579.0 | 580.3 | 581.4 | 582.4 | 583.4 | 584.5 | 584.7 |
| 142.5° | 588.8 | 589.9 | 591.4 | 592.8 | 594.3 | 595.8 | 596.7 | 597.7 | 598.6 | 599.6 | 599.8 |
| 145°   | 608.6 | 609.5 | 611.5 | 613.4 | 615.4 | 617.4 | 618.2 | 619.0 | 619.8 | 620.6 | 620.7 |
| 147.5° | 627.8 | 628.6 | 630.5 | 632.5 | 634.4 | 636.4 | 637.0 | 637.6 | 638.2 | 638.8 | 638.8 |
| 150°   | 639.7 | 640.2 | 642.1 | 643.9 | 645.8 | 647.6 | 648.3 | 649.0 | 649.7 | 650.4 | 650.5 |
| 152.5° | 650.6 | 651.0 | 652.8 | 654.6 | 656.3 | 658.1 | 658.8 | 659.5 | 660.2 | 660.9 | 660.8 |
| 155°   | 666.4 | 666.6 | 668.0 | 669.4 | 670.8 | 672.2 | 672.9 | 673.6 | 674.3 | 675.0 | 674.8 |
| 157.5° | 679.9 | 680.0 | 680.9 | 681.9 | 682.9 | 683.9 | 684.6 | 685.4 | 686.2 | 687.0 | 687.0 |
| 160°   | 688.2 | 688.2 | 688.9 | 689.6 | 690.3 | 691.0 | 691.7 | 692.3 | 693.0 | 693.7 | 693.7 |
| 162.5° | 694.9 | 694.8 | 695.4 | 696.0 | 696.6 | 697.2 | 698.0 | 698.8 | 699.6 | 700.4 | 700.3 |
| 165°   | 703.8 | 703.7 | 704.0 | 704.3 | 704.7 | 705.0 | 705.9 | 706.7 | 707.5 | 708.3 | 708.3 |
| 167.5° | 710.5 | 710.3 | 710.6 | 711.0 | 711.3 | 711.6 | 712.4 | 713.2 | 714.1 | 714.9 | 714.8 |
| 170°   | 714.3 | 714.0 | 714.3 | 714.5 | 714.7 | 715.0 | 715.8 | 716.6 | 717.4 | 718.2 | 718.1 |
| 172.5° | 716.8 | 716.5 | 716.8 | 717.0 | 717.2 | 717.5 | 718.3 | 719.1 | 719.9 | 720.7 | 720.6 |
| 175°   | 719.5 | 719.3 | 719.5 | 719.7 | 719.9 | 720.2 | 721.0 | 721.8 | 722.6 | 723.4 | 723.3 |
| 177.5° | 720.7 | 720.4 | 720.5 | 720.6 | 720.7 | 720.8 | 721.5 | 722.1 | 722.8 | 723.4 | 723.3 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1410.7 | 1411.5 | 1410.3 | 1411.1 | 1410.3 | 1411.5 | 1410.7 | 1415.2 | 1416.0 | 1416.8 | 1416.0 |
| 5°     | 1314.4 | 1308.3 | 1307.3 | 1305.7 | 1307.3 | 1308.3 | 1314.4 | 1317.0 | 1319.0 | 1323.1 | 1330.2 |
| 7.5°   | 1199.5 | 1198.5 | 1196.0 | 1192.4 | 1196.0 | 1198.5 | 1199.5 | 1208.2 | 1215.2 | 1223.1 | 1237.7 |
| 10°    | 1125.5 | 1123.0 | 1122.5 | 1118.9 | 1122.5 | 1123.0 | 1125.5 | 1136.8 | 1144.9 | 1156.2 | 1176.1 |
| 12.5°  | 1039.0 | 1022.5 | 1020.8 | 1011.9 | 1020.8 | 1022.5 | 1039.0 | 1053.5 | 1075.5 | 1086.3 | 1107.5 |
| 15°    | 884.6  | 881.6  | 871.3  | 864.7  | 871.3  | 881.6  | 884.6  | 896.9  | 905.0  | 934.6  | 968.8  |
| 17.5°  | 796.4  | 786.4  | 783.2  | 781.8  | 783.2  | 786.4  | 796.4  | 802.3  | 814.0  | 829.6  | 850.2  |
| 20°    | 739.6  | 730.5  | 728.9  | 727.9  | 728.9  | 730.5  | 739.6  | 746.8  | 756.0  | 772.8  | 794.3  |
| 22.5°  | 700.4  | 690.8  | 686.9  | 683.8  | 686.9  | 690.8  | 700.4  | 706.0  | 714.3  | 727.5  | 742.0  |
| 25°    | 633.5  | 629.9  | 627.9  | 626.8  | 627.9  | 629.9  | 633.5  | 638.6  | 646.7  | 664.6  | 679.9  |
| 27.5°  | 581.1  | 573.2  | 571.7  | 569.1  | 571.7  | 573.2  | 581.1  | 590.2  | 598.7  | 606.7  | 620.4  |
| 30°    | 551.3  | 548.7  | 545.2  | 542.1  | 545.2  | 548.7  | 551.3  | 555.9  | 561.5  | 575.3  | 588.6  |
| 32.5°  | 516.2  | 514.0  | 510.9  | 509.4  | 510.9  | 514.0  | 516.2  | 522.4  | 534.1  | 542.6  | 552.2  |
| 35°    | 477.3  | 470.1  | 467.1  | 462.5  | 467.1  | 470.1  | 477.3  | 482.4  | 487.0  | 494.1  | 511.5  |
| 37.5°  | 436.1  | 432.4  | 428.1  | 429.6  | 428.1  | 432.4  | 436.1  | 438.3  | 448.0  | 457.9  | 465.4  |
| 40°    | 404.3  | 401.7  | 400.7  | 400.2  | 400.7  | 401.7  | 404.3  | 410.9  | 422.7  | 427.2  | 438.5  |
| 42.5°  | 379.0  | 371.9  | 369.3  | 369.2  | 369.3  | 371.9  | 379.0  | 386.4  | 393.7  | 401.1  | 412.8  |
| 45°    | 340.5  | 333.8  | 329.2  | 329.8  | 329.2  | 333.8  | 340.5  | 343.0  | 349.1  | 364.0  | 370.6  |
| 47.5°  | 301.1  | 300.9  | 298.0  | 298.9  | 298.0  | 300.9  | 301.1  | 305.5  | 313.3  | 322.4  | 333.0  |
| 50°    | 282.3  | 279.2  | 277.2  | 277.7  | 277.2  | 279.2  | 282.3  | 285.9  | 290.4  | 295.0  | 311.4  |
| 52.5°  | 264.3  | 261.7  | 260.0  | 262.2  | 260.0  | 261.7  | 264.3  | 266.3  | 269.6  | 274.2  | 285.2  |
| 55°    | 234.8  | 231.7  | 231.2  | 230.7  | 231.2  | 231.7  | 234.8  | 237.4  | 241.4  | 245.0  | 250.1  |
| 57.5°  | 201.8  | 199.8  | 196.7  | 195.4  | 196.7  | 199.8  | 201.8  | 205.6  | 210.5  | 215.2  | 220.5  |
| 60°    | 178.1  | 174.1  | 169.0  | 168.4  | 169.0  | 174.1  | 178.1  | 184.8  | 186.8  | 194.0  | 200.1  |
| 62.5°  | 156.5  | 155.7  | 154.7  | 154.6  | 154.7  | 155.7  | 156.5  | 158.6  | 161.5  | 171.9  | 179.3  |
| 65°    | 137.3  | 136.8  | 137.3  | 137.8  | 137.3  | 136.8  | 137.3  | 138.3  | 138.8  | 139.9  | 142.9  |
| 67.5°  | 119.7  | 118.7  | 117.8  | 118.2  | 117.8  | 118.7  | 119.7  | 119.9  | 121.3  | 121.9  | 124.0  |
| 70°    | 106.2  | 105.7  | 105.2  | 105.2  | 105.2  | 105.7  | 106.2  | 107.2  | 108.2  | 109.2  | 111.8  |
| 72.5°  | 93.1   | 93.0   | 92.5   | 92.1   | 92.5   | 93.0   | 93.1   | 94.9   | 95.6   | 96.6   | 98.3   |
| 75°    | 74.5   | 73.5   | 73.5   | 73.5   | 73.5   | 73.5   | 74.5   | 75.0   | 75.5   | 77.1   | 78.1   |
| 77.5°  | 56.8   | 56.3   | 55.7   | 55.3   | 55.7   | 56.3   | 56.8   | 56.9   | 57.7   | 58.0   | 59.1   |
| 80°    | 44.9   | 44.4   | 43.9   | 43.9   | 43.9   | 44.4   | 44.9   | 45.4   | 45.4   | 47.0   | 46.5   |
| 82.5°  | 34.3   | 33.8   | 33.7   | 33.3   | 33.7   | 33.8   | 34.3   | 34.4   | 34.4   | 35.5   | 35.4   |
| 85°    | 18.4   | 18.9   | 18.4   | 19.4   | 18.4   | 18.9   | 18.4   | 17.9   | 18.4   | 19.4   | 19.4   |
| 87.5°  | 8.0    | 7.6    | 8.1    | 7.7    | 8.1    | 7.6    | 8.0    | 7.9    | 8.3    | 8.2    | 8.0    |
| 90°    | 13.4   | 13.6   | 13.9   | 14.1   | 13.9   | 13.6   | 13.4   | 13.2   | 12.8   | 12.2   | 11.6   |
| 92.5°  | 13.7   | 13.8   | 14.0   | 14.1   | 14.0   | 13.8   | 13.7   | 13.5   | 13.3   | 13.0   | 12.7   |
| 95°    | 22.8   | 22.7   | 22.6   | 22.4   | 22.6   | 22.7   | 22.8   | 22.9   | 22.7   | 22.1   | 21.5   |
| 97.5°  | 29.5   | 29.7   | 29.8   | 30.0   | 29.8   | 29.7   | 29.5   | 29.4   | 29.1   | 28.6   | 28.2   |
| 100°   | 34.3   | 34.5   | 34.7   | 35.0   | 34.7   | 34.5   | 34.3   | 34.0   | 33.5   | 32.5   | 31.6   |
| 102.5° | 36.5   | 36.8   | 37.1   | 37.5   | 37.1   | 36.8   | 36.5   | 36.2   | 35.4   | 34.2   | 33.0   |
| 105°   | 38.3   | 38.7   | 39.2   | 39.7   | 39.2   | 38.7   | 38.3   | 37.8   | 36.9   | 35.7   | 34.4   |
| 107.5° | 39.4   | 39.9   | 40.3   | 40.8   | 40.3   | 39.9   | 39.4   | 39.0   | 39.4   | 40.7   | 42.0   |
| 110°   | 39.8   | 40.3   | 40.8   | 41.2   | 40.8   | 40.3   | 39.8   | 39.4   | 44.9   | 56.5   | 68.1   |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 40.5  | 40.9  | 41.3  | 41.6  | 41.3  | 40.9  | 40.5  | 40.2  | 61.1  | 103.4 | 145.7 |
| 115°   | 67.8  | 59.5  | 51.1  | 42.8  | 51.1  | 59.5  | 67.8  | 76.2  | 107.2 | 160.9 | 214.6 |
| 117.5° | 257.0 | 229.6 | 202.2 | 174.7 | 202.2 | 229.6 | 257.0 | 284.5 | 304.7 | 317.7 | 330.7 |
| 120°   | 365.3 | 349.7 | 334.0 | 318.3 | 334.0 | 349.7 | 365.3 | 381.0 | 388.1 | 386.7 | 385.3 |
| 122.5° | 406.4 | 403.3 | 400.3 | 397.2 | 400.3 | 403.3 | 406.4 | 409.4 | 410.5 | 409.7 | 408.8 |
| 125°   | 445.2 | 445.5 | 445.9 | 446.2 | 445.9 | 445.5 | 445.2 | 444.8 | 444.2 | 443.4 | 442.6 |
| 127.5° | 476.9 | 477.0 | 477.0 | 477.1 | 477.0 | 477.0 | 476.9 | 476.8 | 476.2 | 475.0 | 473.8 |
| 130°   | 496.6 | 496.5 | 496.4 | 496.3 | 496.4 | 496.5 | 496.6 | 496.8 | 496.2 | 494.9 | 493.6 |
| 132.5° | 515.4 | 515.3 | 515.2 | 515.1 | 515.2 | 515.3 | 515.4 | 515.5 | 515.1 | 514.0 | 512.9 |
| 135°   | 542.9 | 542.7 | 542.5 | 542.2 | 542.5 | 542.7 | 542.9 | 543.2 | 542.7 | 541.5 | 540.4 |
| 137.5° | 568.1 | 567.7 | 567.4 | 567.0 | 567.4 | 567.7 | 568.1 | 568.5 | 568.2 | 567.0 | 565.9 |
| 140°   | 584.1 | 583.6 | 583.0 | 582.4 | 583.0 | 583.6 | 584.1 | 584.7 | 584.5 | 583.4 | 582.4 |
| 142.5° | 599.2 | 598.6 | 598.0 | 597.4 | 598.0 | 598.6 | 599.2 | 599.8 | 599.6 | 598.6 | 597.7 |
| 145°   | 620.2 | 619.6 | 619.0 | 618.4 | 619.0 | 619.6 | 620.2 | 620.7 | 620.6 | 619.8 | 619.0 |
| 147.5° | 638.4 | 637.9 | 637.4 | 636.9 | 637.4 | 637.9 | 638.4 | 638.8 | 638.8 | 638.2 | 637.6 |
| 150°   | 649.9 | 649.3 | 648.7 | 648.2 | 648.7 | 649.3 | 649.9 | 650.5 | 650.4 | 649.7 | 649.0 |
| 152.5° | 660.1 | 659.3 | 658.5 | 657.8 | 658.5 | 659.3 | 660.1 | 660.8 | 660.9 | 660.2 | 659.5 |
| 155°   | 673.9 | 673.0 | 672.1 | 671.1 | 672.1 | 673.0 | 673.9 | 674.8 | 675.0 | 674.3 | 673.6 |
| 157.5° | 686.0 | 685.1 | 684.2 | 683.3 | 684.2 | 685.1 | 686.0 | 687.0 | 687.0 | 686.2 | 685.4 |
| 160°   | 692.9 | 692.1 | 691.2 | 690.4 | 691.2 | 692.1 | 692.9 | 693.7 | 693.7 | 693.0 | 692.3 |
| 162.5° | 699.3 | 698.3 | 697.3 | 696.3 | 697.3 | 698.3 | 699.3 | 700.3 | 700.4 | 699.6 | 698.8 |
| 165°   | 707.5 | 706.7 | 705.9 | 705.0 | 705.9 | 706.7 | 707.5 | 708.3 | 708.3 | 707.5 | 706.7 |
| 167.5° | 713.7 | 712.7 | 711.6 | 710.6 | 711.6 | 712.7 | 713.7 | 714.8 | 714.9 | 714.1 | 713.2 |
| 170°   | 717.0 | 716.0 | 715.0 | 713.9 | 715.0 | 716.0 | 717.0 | 718.1 | 718.2 | 717.4 | 716.6 |
| 172.5° | 719.6 | 718.5 | 717.5 | 716.4 | 717.5 | 718.5 | 719.6 | 720.6 | 720.7 | 719.9 | 719.1 |
| 175°   | 722.1 | 720.9 | 719.8 | 718.6 | 719.8 | 720.9 | 722.1 | 723.3 | 723.4 | 722.6 | 721.8 |
| 177.5° | 722.5 | 721.6 | 720.8 | 720.0 | 720.8 | 721.6 | 722.5 | 723.3 | 723.4 | 722.8 | 722.1 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1412.7 | 1418.4 | 1427.0 | 1431.9 | 1440.1 | 1445.4 | 1448.3 | 1453.6 | 1456.4 | 1466.6 | 1477.3 |
| 5°     | 1333.8 | 1342.0 | 1356.3 | 1369.5 | 1383.8 | 1398.6 | 1409.4 | 1421.6 | 1432.8 | 1452.2 | 1472.7 |
| 7.5°   | 1243.4 | 1254.7 | 1276.8 | 1298.0 | 1322.9 | 1343.8 | 1362.3 | 1383.2 | 1401.9 | 1429.7 | 1458.7 |
| 10°    | 1175.6 | 1195.5 | 1224.6 | 1244.5 | 1277.2 | 1298.1 | 1327.2 | 1350.1 | 1376.2 | 1412.9 | 1445.6 |
| 12.5°  | 1117.2 | 1141.2 | 1164.5 | 1192.2 | 1221.6 | 1256.4 | 1288.4 | 1317.9 | 1348.8 | 1386.8 | 1425.2 |
| 15°    | 1011.2 | 1045.9 | 1082.2 | 1110.2 | 1150.1 | 1186.8 | 1224.1 | 1263.9 | 1301.7 | 1347.1 | 1397.1 |
| 17.5°  | 874.8  | 915.0  | 976.0  | 1024.1 | 1070.8 | 1107.7 | 1153.8 | 1202.0 | 1246.5 | 1301.3 | 1357.0 |
| 20°    | 813.2  | 842.8  | 884.1  | 948.9  | 1019.4 | 1058.7 | 1105.6 | 1158.7 | 1209.8 | 1269.5 | 1329.2 |
| 22.5°  | 763.7  | 790.1  | 823.3  | 873.8  | 952.4  | 1006.0 | 1055.0 | 1108.9 | 1168.1 | 1229.1 | 1295.3 |
| 25°    | 693.2  | 711.6  | 746.3  | 787.1  | 841.2  | 929.5  | 983.1  | 1037.2 | 1101.6 | 1166.9 | 1242.4 |
| 27.5°  | 640.2  | 656.7  | 679.3  | 718.3  | 758.5  | 821.9  | 907.2  | 966.2  | 1030.3 | 1103.8 | 1182.2 |
| 30°    | 599.8  | 619.2  | 644.2  | 671.8  | 715.7  | 765.2  | 850.4  | 918.8  | 982.1  | 1057.7 | 1141.4 |
| 32.5°  | 570.4  | 585.7  | 607.0  | 635.0  | 671.6  | 719.0  | 787.1  | 870.2  | 931.9  | 1011.5 | 1098.9 |
| 35°    | 522.2  | 540.1  | 557.4  | 584.0  | 613.6  | 657.0  | 708.5  | 797.3  | 858.6  | 937.2  | 1025.0 |
| 37.5°  | 482.5  | 493.4  | 512.6  | 533.6  | 564.9  | 597.2  | 641.9  | 721.6  | 787.8  | 865.0  | 954.9  |
| 40°    | 452.3  | 466.0  | 480.3  | 503.8  | 529.3  | 560.5  | 604.4  | 663.6  | 739.6  | 815.2  | 903.0  |
| 42.5°  | 422.9  | 440.3  | 455.4  | 471.1  | 499.1  | 530.3  | 566.0  | 616.2  | 693.9  | 765.4  | 850.7  |
| 45°    | 387.4  | 398.7  | 414.5  | 431.8  | 454.8  | 481.4  | 513.0  | 556.9  | 631.4  | 693.2  | 773.3  |
| 47.5°  | 346.2  | 362.6  | 372.9  | 389.9  | 411.7  | 437.0  | 466.5  | 504.4  | 564.8  | 622.7  | 697.0  |
| 50°    | 318.0  | 334.9  | 349.7  | 365.0  | 384.4  | 408.9  | 433.4  | 470.1  | 518.6  | 579.4  | 648.8  |
| 52.5°  | 293.9  | 308.7  | 323.1  | 338.4  | 357.4  | 379.9  | 403.2  | 435.4  | 477.0  | 532.8  | 600.2  |
| 55°    | 260.8  | 270.0  | 284.8  | 300.1  | 317.0  | 338.4  | 360.9  | 387.9  | 423.7  | 470.6  | 525.3  |
| 57.5°  | 226.9  | 237.6  | 249.3  | 264.7  | 281.8  | 298.2  | 318.4  | 342.9  | 371.1  | 413.6  | 460.3  |
| 60°    | 207.8  | 215.9  | 225.6  | 241.4  | 257.3  | 272.1  | 291.5  | 311.9  | 338.4  | 375.2  | 415.0  |
| 62.5°  | 186.5  | 194.3  | 203.2  | 216.9  | 232.4  | 245.9  | 262.9  | 284.5  | 307.0  | 340.5  | 375.4  |
| 65°    | 151.1  | 162.3  | 171.0  | 183.3  | 196.0  | 210.3  | 223.6  | 240.9  | 260.8  | 287.4  | 318.5  |
| 67.5°  | 125.3  | 131.0  | 139.0  | 150.2  | 163.2  | 175.5  | 188.1  | 201.6  | 218.9  | 239.4  | 264.1  |
| 70°    | 113.8  | 115.9  | 117.4  | 128.1  | 140.4  | 152.6  | 164.4  | 177.1  | 191.9  | 208.8  | 230.2  |
| 72.5°  | 100.4  | 102.4  | 104.3  | 108.9  | 118.7  | 131.0  | 143.1  | 152.6  | 166.6  | 180.6  | 198.0  |
| 75°    | 79.6   | 82.7   | 84.2   | 86.8   | 90.4   | 98.5   | 109.7  | 118.9  | 127.1  | 137.8  | 151.6  |
| 77.5°  | 60.6   | 62.4   | 64.0   | 66.7   | 68.9   | 72.7   | 79.0   | 87.3   | 94.9   | 101.2  | 110.7  |
| 80°    | 48.0   | 48.5   | 50.5   | 51.6   | 54.6   | 57.2   | 60.2   | 66.9   | 74.5   | 77.1   | 83.7   |
| 82.5°  | 36.1   | 36.7   | 38.3   | 39.3   | 40.7   | 42.9   | 46.8   | 48.5   | 54.5   | 57.9   | 62.1   |
| 85°    | 19.9   | 19.4   | 20.9   | 20.9   | 21.9   | 23.0   | 24.0   | 26.5   | 28.1   | 32.2   | 33.2   |
| 87.5°  | 8.3    | 8.2    | 8.4    | 8.3    | 8.1    | 8.7    | 8.9    | 9.0    | 9.6    | 10.6   | 11.9   |
| 90°    | 11.0   | 10.4   | 9.5    | 8.6    | 7.7    | 6.7    | 5.6    | 4.3    | 3.1    | 1.8    | 0.5    |
| 92.5°  | 12.4   | 12.1   | 11.6   | 11.2   | 10.7   | 10.3   | 10.1   | 10.2   | 10.3   | 10.4   | 10.5   |
| 95°    | 20.9   | 20.4   | 19.5   | 18.7   | 17.9   | 17.1   | 18.6   | 22.4   | 26.3   | 30.1   | 33.9   |
| 97.5°  | 27.7   | 27.2   | 25.4   | 23.5   | 21.6   | 19.7   | 24.2   | 35.0   | 45.8   | 56.5   | 67.3   |
| 100°   | 30.7   | 29.7   | 27.8   | 25.8   | 23.8   | 21.9   | 28.8   | 44.7   | 60.6   | 76.5   | 92.4   |
| 102.5° | 31.8   | 30.6   | 47.1   | 63.6   | 80.1   | 96.5   | 106.5  | 109.8  | 113.2  | 116.6  | 119.9  |
| 105°   | 33.1   | 31.8   | 63.5   | 95.2   | 126.8  | 158.5  | 172.6  | 169.1  | 165.6  | 162.1  | 158.6  |
| 107.5° | 43.3   | 44.6   | 82.5   | 120.5  | 158.5  | 196.4  | 214.0  | 211.2  | 208.4  | 205.6  | 202.8  |
| 110°   | 79.7   | 91.3   | 124.8  | 158.4  | 191.9  | 225.4  | 240.9  | 238.5  | 236.1  | 233.6  | 231.2  |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 188.0 | 230.4 | 238.6 | 246.9 | 255.2 | 263.5 | 266.5 | 264.4 | 262.2 | 260.1 | 257.9 |
| 115°   | 268.3 | 322.0 | 319.1 | 316.2 | 313.3 | 310.4 | 308.0 | 306.0 | 304.0 | 302.0 | 300.1 |
| 117.5° | 343.7 | 356.6 | 354.7 | 352.7 | 350.7 | 348.7 | 346.6 | 344.4 | 342.2 | 340.0 | 337.8 |
| 120°   | 383.9 | 382.5 | 380.4 | 378.4 | 376.3 | 374.2 | 372.3 | 370.5 | 368.8 | 367.0 | 365.3 |
| 122.5° | 408.0 | 407.2 | 404.9 | 402.6 | 400.3 | 398.1 | 396.0 | 394.2 | 392.4 | 390.5 | 388.7 |
| 125°   | 441.8 | 441.0 | 438.8 | 436.6 | 434.4 | 432.2 | 430.3 | 428.8 | 427.3 | 425.8 | 424.3 |
| 127.5° | 472.6 | 471.5 | 469.8 | 468.2 | 466.5 | 464.9 | 463.2 | 461.5 | 459.9 | 458.2 | 456.5 |
| 130°   | 492.4 | 491.1 | 489.8 | 488.5 | 487.3 | 486.0 | 484.4 | 482.6 | 480.7 | 478.8 | 477.0 |
| 132.5° | 511.8 | 510.7 | 509.4 | 508.2 | 506.9 | 505.6 | 504.2 | 502.6 | 501.0 | 499.4 | 497.9 |
| 135°   | 539.2 | 538.0 | 537.0 | 536.0 | 534.9 | 533.9 | 532.4 | 530.6 | 528.7 | 526.9 | 525.0 |
| 137.5° | 564.8 | 563.6 | 562.4 | 561.3 | 560.1 | 558.9 | 557.6 | 556.3 | 555.0 | 553.7 | 552.5 |
| 140°   | 581.4 | 580.3 | 579.0 | 577.8 | 576.5 | 575.2 | 574.1 | 573.2 | 572.3 | 571.3 | 570.4 |
| 142.5° | 596.7 | 595.8 | 594.3 | 592.8 | 591.4 | 589.9 | 588.8 | 587.9 | 587.1 | 586.3 | 585.4 |
| 145°   | 618.2 | 617.4 | 615.4 | 613.4 | 611.5 | 609.5 | 608.6 | 608.7 | 608.8 | 608.9 | 609.0 |
| 147.5° | 637.0 | 636.4 | 634.4 | 632.5 | 630.5 | 628.6 | 627.8 | 628.3 | 628.7 | 629.1 | 629.6 |
| 150°   | 648.3 | 647.6 | 645.8 | 643.9 | 642.1 | 640.2 | 639.7 | 640.5 | 641.3 | 642.1 | 642.9 |
| 152.5° | 658.8 | 658.1 | 656.3 | 654.6 | 652.8 | 651.0 | 650.6 | 651.5 | 652.4 | 653.3 | 654.2 |
| 155°   | 672.9 | 672.2 | 670.8 | 669.4 | 668.0 | 666.6 | 666.4 | 667.5 | 668.5 | 669.6 | 670.6 |
| 157.5° | 684.6 | 683.9 | 682.9 | 681.9 | 680.9 | 680.0 | 679.9 | 680.8 | 681.7 | 682.6 | 683.4 |
| 160°   | 691.7 | 691.0 | 690.3 | 689.6 | 688.9 | 688.2 | 688.2 | 688.9 | 689.6 | 690.3 | 691.0 |
| 162.5° | 698.0 | 697.2 | 696.6 | 696.0 | 695.4 | 694.8 | 694.9 | 695.5 | 696.2 | 696.9 | 697.6 |
| 165°   | 705.9 | 705.0 | 704.7 | 704.3 | 704.0 | 703.7 | 703.8 | 704.5 | 705.2 | 705.9 | 706.6 |
| 167.5° | 712.4 | 711.6 | 711.3 | 711.0 | 710.6 | 710.3 | 710.5 | 711.2 | 711.9 | 712.6 | 713.3 |
| 170°   | 715.8 | 715.0 | 714.7 | 714.5 | 714.3 | 714.0 | 714.3 | 715.0 | 715.7 | 716.4 | 717.0 |
| 172.5° | 718.3 | 717.5 | 717.2 | 717.0 | 716.8 | 716.5 | 716.8 | 717.5 | 718.2 | 718.9 | 719.6 |
| 175°   | 721.0 | 720.2 | 719.9 | 719.7 | 719.5 | 719.3 | 719.5 | 720.4 | 721.2 | 722.0 | 722.8 |
| 177.5° | 721.5 | 720.8 | 720.7 | 720.6 | 720.5 | 720.4 | 720.7 | 721.4 | 722.0 | 722.7 | 723.3 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1477.7 | 1478.9 | 1487.1 | 1490.7 | 1498.1 | 1500.9 | 1504.2 | 1503.4 | 1503.4 | 1505.0 | 1516.5 |
| 5°     | 1480.8 | 1491.0 | 1506.3 | 1521.1 | 1535.4 | 1547.7 | 1555.9 | 1564.0 | 1567.1 | 1581.9 | 1595.2 |
| 7.5°   | 1475.5 | 1494.3 | 1519.6 | 1542.2 | 1569.2 | 1590.4 | 1607.9 | 1623.8 | 1634.6 | 1656.1 | 1678.2 |
| 10°    | 1468.6 | 1495.1 | 1523.7 | 1552.8 | 1590.1 | 1618.1 | 1646.7 | 1668.7 | 1675.8 | 1708.0 | 1726.4 |
| 12.5°  | 1454.7 | 1490.2 | 1526.6 | 1564.2 | 1600.7 | 1639.4 | 1670.8 | 1692.8 | 1717.9 | 1746.8 | 1780.7 |
| 15°    | 1433.9 | 1474.7 | 1522.2 | 1570.7 | 1622.7 | 1669.7 | 1703.4 | 1741.7 | 1769.2 | 1800.9 | 1830.5 |
| 17.5°  | 1403.9 | 1456.5 | 1516.9 | 1573.0 | 1633.2 | 1683.7 | 1730.0 | 1766.8 | 1786.2 | 1804.2 | 1808.6 |
| 20°    | 1380.3 | 1436.9 | 1507.9 | 1574.2 | 1634.5 | 1692.7 | 1738.6 | 1769.2 | 1774.3 | 1774.8 | 1747.8 |
| 22.5°  | 1354.5 | 1418.5 | 1492.8 | 1560.8 | 1632.8 | 1697.6 | 1733.3 | 1746.4 | 1726.1 | 1691.5 | 1639.2 |
| 25°    | 1307.3 | 1381.3 | 1467.6 | 1545.1 | 1623.8 | 1685.0 | 1697.3 | 1674.3 | 1603.3 | 1528.8 | 1434.4 |
| 27.5°  | 1256.0 | 1339.2 | 1431.7 | 1518.0 | 1601.7 | 1639.7 | 1613.2 | 1530.4 | 1402.6 | 1291.5 | 1156.9 |
| 30°    | 1218.5 | 1311.9 | 1402.7 | 1499.2 | 1576.8 | 1593.1 | 1532.4 | 1410.4 | 1261.3 | 1093.9 | 959.7  |
| 32.5°  | 1175.6 | 1273.5 | 1373.3 | 1473.1 | 1538.0 | 1522.1 | 1421.7 | 1271.5 | 1096.8 | 932.2  | 805.3  |
| 35°    | 1114.3 | 1215.4 | 1323.1 | 1423.1 | 1464.5 | 1395.6 | 1245.5 | 1050.0 | 871.3  | 717.7  | 630.4  |
| 37.5°  | 1043.6 | 1153.6 | 1265.6 | 1357.5 | 1354.5 | 1239.7 | 1035.3 | 833.5  | 683.3  | 592.4  | 530.3  |
| 40°    | 993.3  | 1104.6 | 1225.6 | 1303.2 | 1270.0 | 1120.4 | 898.9  | 708.5  | 598.8  | 526.3  | 480.8  |
| 42.5°  | 945.2  | 1056.8 | 1177.0 | 1238.7 | 1181.0 | 997.1  | 776.4  | 627.2  | 536.7  | 480.1  | 443.3  |
| 45°    | 863.2  | 981.1  | 1092.4 | 1126.6 | 1023.5 | 820.8  | 627.9  | 519.6  | 459.4  | 417.6  | 392.0  |
| 47.5°  | 783.0  | 899.0  | 1000.6 | 1001.2 | 861.7  | 665.6  | 529.6  | 449.7  | 398.3  | 365.9  | 347.3  |
| 50°    | 734.0  | 844.3  | 929.5  | 916.3  | 758.0  | 592.1  | 473.7  | 404.8  | 361.9  | 336.9  | 317.5  |
| 52.5°  | 678.9  | 785.9  | 859.7  | 821.9  | 670.2  | 521.1  | 423.5  | 365.6  | 330.1  | 308.3  | 291.0  |
| 55°    | 598.8  | 693.7  | 745.8  | 688.6  | 546.7  | 433.4  | 357.8  | 312.4  | 285.9  | 267.5  | 252.7  |
| 57.5°  | 520.0  | 598.4  | 631.1  | 564.6  | 450.3  | 359.4  | 302.7  | 268.6  | 242.3  | 229.1  | 221.4  |
| 60°    | 470.6  | 537.5  | 560.5  | 487.0  | 391.5  | 314.4  | 268.0  | 236.3  | 216.9  | 208.3  | 200.6  |
| 62.5°  | 422.0  | 476.7  | 486.2  | 418.8  | 341.3  | 275.2  | 235.3  | 208.6  | 195.7  | 187.4  | 180.2  |
| 65°    | 350.2  | 389.5  | 384.9  | 330.8  | 270.0  | 218.5  | 189.4  | 173.0  | 163.3  | 151.6  | 138.8  |
| 67.5°  | 288.3  | 312.3  | 297.8  | 257.3  | 206.1  | 169.8  | 150.8  | 138.4  | 126.4  | 115.3  | 112.3  |
| 70°    | 249.1  | 262.9  | 247.6  | 210.3  | 169.0  | 142.4  | 127.1  | 112.3  | 105.2  | 102.6  | 98.0   |
| 72.5°  | 211.5  | 216.3  | 199.8  | 167.8  | 137.5  | 117.9  | 103.0  | 94.7   | 90.9   | 88.7   | 85.8   |
| 75°    | 158.8  | 155.2  | 140.9  | 115.9  | 95.5   | 82.2   | 77.6   | 74.5   | 72.0   | 69.9   | 68.4   |
| 77.5°  | 111.5  | 106.3  | 93.5   | 77.2   | 66.5   | 60.1   | 57.4   | 55.7   | 54.5   | 53.5   | 52.0   |
| 80°    | 83.7   | 80.1   | 67.4   | 55.1   | 50.5   | 47.5   | 45.9   | 43.9   | 43.9   | 42.9   | 41.3   |
| 82.5°  | 61.3   | 57.3   | 46.1   | 40.4   | 37.9   | 36.0   | 34.9   | 33.7   | 33.3   | 33.5   | 32.4   |
| 85°    | 32.2   | 26.0   | 23.0   | 21.9   | 20.4   | 19.4   | 19.9   | 18.9   | 18.9   | 18.9   | 18.4   |
| 87.5°  | 10.2   | 8.4    | 8.2    | 8.1    | 8.7    | 8.9    | 8.7    | 8.8    | 9.4    | 9.1    | 9.7    |
| 90°    | 1.8    | 3.1    | 4.3    | 5.6    | 6.7    | 7.7    | 8.6    | 9.5    | 10.4   | 11.0   | 11.6   |
| 92.5°  | 10.4   | 10.3   | 10.2   | 10.1   | 10.3   | 10.7   | 11.2   | 11.6   | 12.1   | 12.4   | 12.7   |
| 95°    | 30.1   | 26.3   | 22.4   | 18.6   | 17.1   | 17.9   | 18.7   | 19.5   | 20.4   | 20.9   | 21.5   |
| 97.5°  | 56.5   | 45.8   | 35.0   | 24.2   | 19.7   | 21.6   | 23.5   | 25.4   | 27.2   | 27.7   | 28.2   |
| 100°   | 76.5   | 60.6   | 44.7   | 28.8   | 21.9   | 23.8   | 25.8   | 27.8   | 29.7   | 30.7   | 31.6   |
| 102.5° | 116.6  | 113.2  | 109.8  | 106.5  | 96.5   | 80.1   | 63.6   | 47.1   | 30.6   | 31.8   | 33.0   |
| 105°   | 162.1  | 165.6  | 169.1  | 172.6  | 158.5  | 126.8  | 95.2   | 63.5   | 31.8   | 33.1   | 34.4   |
| 107.5° | 205.6  | 208.4  | 211.2  | 214.0  | 196.4  | 158.5  | 120.5  | 82.5   | 44.6   | 43.3   | 42.0   |
| 110°   | 233.6  | 236.1  | 238.5  | 240.9  | 225.4  | 191.9  | 158.4  | 124.8  | 91.3   | 79.7   | 68.1   |





TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 260.1 | 262.2 | 264.4 | 266.5 | 263.5 | 255.2 | 246.9 | 238.6 | 230.4 | 188.0 | 145.7 |
| 115°   | 302.0 | 304.0 | 306.0 | 308.0 | 310.4 | 313.3 | 316.2 | 319.1 | 322.0 | 268.3 | 214.6 |
| 117.5° | 340.0 | 342.2 | 344.4 | 346.6 | 348.7 | 350.7 | 352.7 | 354.7 | 356.6 | 343.7 | 330.7 |
| 120°   | 367.0 | 368.8 | 370.5 | 372.3 | 374.2 | 376.3 | 378.4 | 380.4 | 382.5 | 383.9 | 385.3 |
| 122.5° | 390.5 | 392.4 | 394.2 | 396.0 | 398.1 | 400.3 | 402.6 | 404.9 | 407.2 | 408.0 | 408.8 |
| 125°   | 425.8 | 427.3 | 428.8 | 430.3 | 432.2 | 434.4 | 436.6 | 438.8 | 441.0 | 441.8 | 442.6 |
| 127.5° | 458.2 | 459.9 | 461.5 | 463.2 | 464.9 | 466.5 | 468.2 | 469.8 | 471.5 | 472.6 | 473.8 |
| 130°   | 478.8 | 480.7 | 482.6 | 484.4 | 486.0 | 487.3 | 488.5 | 489.8 | 491.1 | 492.4 | 493.6 |
| 132.5° | 499.4 | 501.0 | 502.6 | 504.2 | 505.6 | 506.9 | 508.2 | 509.4 | 510.7 | 511.8 | 512.9 |
| 135°   | 526.9 | 528.7 | 530.6 | 532.4 | 533.9 | 534.9 | 536.0 | 537.0 | 538.0 | 539.2 | 540.4 |
| 137.5° | 553.7 | 555.0 | 556.3 | 557.6 | 558.9 | 560.1 | 561.3 | 562.4 | 563.6 | 564.8 | 565.9 |
| 140°   | 571.3 | 572.3 | 573.2 | 574.1 | 575.2 | 576.5 | 577.8 | 579.0 | 580.3 | 581.4 | 582.4 |
| 142.5° | 586.3 | 587.1 | 587.9 | 588.8 | 589.9 | 591.4 | 592.8 | 594.3 | 595.8 | 596.7 | 597.7 |
| 145°   | 608.9 | 608.8 | 608.7 | 608.6 | 609.5 | 611.5 | 613.4 | 615.4 | 617.4 | 618.2 | 619.0 |
| 147.5° | 629.1 | 628.7 | 628.3 | 627.8 | 628.6 | 630.5 | 632.5 | 634.4 | 636.4 | 637.0 | 637.6 |
| 150°   | 642.1 | 641.3 | 640.5 | 639.7 | 640.2 | 642.1 | 643.9 | 645.8 | 647.6 | 648.3 | 649.0 |
| 152.5° | 653.3 | 652.4 | 651.5 | 650.6 | 651.0 | 652.8 | 654.6 | 656.3 | 658.1 | 658.8 | 659.5 |
| 155°   | 669.6 | 668.5 | 667.5 | 666.4 | 666.6 | 668.0 | 669.4 | 670.8 | 672.2 | 672.9 | 673.6 |
| 157.5° | 682.6 | 681.7 | 680.8 | 679.9 | 680.0 | 680.9 | 681.9 | 682.9 | 683.9 | 684.6 | 685.4 |
| 160°   | 690.3 | 689.6 | 688.9 | 688.2 | 688.2 | 688.9 | 689.6 | 690.3 | 691.0 | 691.7 | 692.3 |
| 162.5° | 696.9 | 696.2 | 695.5 | 694.9 | 694.8 | 695.4 | 696.0 | 696.6 | 697.2 | 698.0 | 698.8 |
| 165°   | 705.9 | 705.2 | 704.5 | 703.8 | 703.7 | 704.0 | 704.3 | 704.7 | 705.0 | 705.9 | 706.7 |
| 167.5° | 712.6 | 711.9 | 711.2 | 710.5 | 710.3 | 710.6 | 711.0 | 711.3 | 711.6 | 712.4 | 713.2 |
| 170°   | 716.4 | 715.7 | 715.0 | 714.3 | 714.0 | 714.3 | 714.5 | 714.7 | 715.0 | 715.8 | 716.6 |
| 172.5° | 718.9 | 718.2 | 717.5 | 716.8 | 716.5 | 716.8 | 717.0 | 717.2 | 717.5 | 718.3 | 719.1 |
| 175°   | 722.0 | 721.2 | 720.4 | 719.5 | 719.3 | 719.5 | 719.7 | 719.9 | 720.2 | 721.0 | 721.8 |
| 177.5° | 722.7 | 722.0 | 721.4 | 720.7 | 720.4 | 720.5 | 720.6 | 720.7 | 720.8 | 721.5 | 722.1 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |
| 2.5°   | 1520.5 | 1525.8 | 1528.3 | 1528.3 | 1531.2 | 1529.9 | 1528.7 |
| 5°     | 1607.9 | 1617.6 | 1619.7 | 1628.9 | 1635.5 | 1633.4 | 1634.5 |
| 7.5°   | 1694.8 | 1710.4 | 1725.8 | 1732.9 | 1734.0 | 1738.1 | 1739.6 |
| 10°    | 1748.3 | 1761.1 | 1785.1 | 1781.5 | 1799.3 | 1809.6 | 1792.7 |
| 12.5°  | 1799.8 | 1817.0 | 1833.6 | 1838.2 | 1848.4 | 1851.6 | 1845.0 |
| 15°    | 1846.3 | 1855.5 | 1856.5 | 1854.0 | 1857.0 | 1854.5 | 1844.8 |
| 17.5°  | 1802.8 | 1787.9 | 1757.7 | 1743.4 | 1732.1 | 1715.3 | 1708.6 |
| 20°    | 1730.9 | 1687.0 | 1636.0 | 1615.6 | 1591.6 | 1544.6 | 1555.9 |
| 22.5°  | 1575.8 | 1525.7 | 1474.7 | 1415.1 | 1386.6 | 1342.1 | 1339.4 |
| 25°    | 1334.3 | 1248.1 | 1153.1 | 1086.8 | 1048.0 | 1003.6 | 984.2  |
| 27.5°  | 1037.4 | 928.8  | 851.0  | 811.6  | 775.8  | 740.6  | 739.1  |
| 30°    | 842.2  | 760.6  | 700.3  | 666.7  | 644.7  | 629.9  | 633.0  |
| 32.5°  | 709.9  | 654.0  | 613.4  | 585.4  | 569.2  | 558.0  | 557.8  |
| 35°    | 580.4  | 542.1  | 516.1  | 504.3  | 492.6  | 484.4  | 484.9  |
| 37.5°  | 496.7  | 473.7  | 459.2  | 446.2  | 438.9  | 434.9  | 432.7  |
| 40°    | 453.8  | 434.9  | 423.7  | 416.0  | 409.9  | 404.3  | 403.3  |
| 42.5°  | 419.9  | 404.3  | 393.0  | 387.0  | 381.3  | 377.3  | 376.3  |
| 45°    | 372.6  | 359.9  | 349.7  | 343.0  | 340.5  | 336.9  | 336.9  |
| 47.5°  | 331.5  | 318.9  | 311.0  | 306.8  | 302.4  | 300.0  | 299.9  |
| 50°    | 303.7  | 294.0  | 286.9  | 284.3  | 280.7  | 279.2  | 278.7  |
| 52.5°  | 278.8  | 271.6  | 266.5  | 264.7  | 263.2  | 261.2  | 261.6  |
| 55°    | 245.0  | 240.9  | 238.9  | 237.4  | 234.8  | 231.7  | 233.8  |
| 57.5°  | 216.5  | 213.1  | 207.6  | 202.8  | 200.4  | 198.3  | 199.1  |
| 60°    | 196.5  | 189.4  | 182.2  | 176.6  | 175.1  | 170.5  | 170.5  |
| 62.5°  | 171.2  | 161.2  | 152.4  | 149.3  | 147.7  | 145.6  | 145.2  |
| 65°    | 131.7  | 127.6  | 125.6  | 123.5  | 122.5  | 122.5  | 121.5  |
| 67.5°  | 109.1  | 107.5  | 105.3  | 104.7  | 103.7  | 103.4  | 103.1  |
| 70°    | 96.5   | 94.4   | 93.4   | 92.9   | 91.9   | 92.4   | 90.9   |
| 72.5°  | 84.2   | 82.6   | 82.4   | 81.1   | 80.4   | 80.5   | 79.4   |
| 75°    | 66.4   | 66.4   | 65.8   | 65.3   | 64.3   | 63.8   | 64.3   |
| 77.5°  | 51.0   | 51.1   | 50.2   | 50.1   | 50.0   | 50.1   | 49.6   |
| 80°    | 40.8   | 41.3   | 40.8   | 40.3   | 39.8   | 40.3   | 39.8   |
| 82.5°  | 32.3   | 31.5   | 31.4   | 31.3   | 31.2   | 30.9   | 30.8   |
| 85°    | 18.4   | 18.9   | 18.4   | 17.9   | 17.9   | 17.9   | 18.4   |
| 87.5°  | 9.4    | 9.5    | 9.6    | 9.6    | 9.7    | 9.7    | 9.4    |
| 90°    | 12.2   | 12.8   | 13.2   | 13.4   | 13.6   | 13.9   | 14.1   |
| 92.5°  | 13.0   | 13.3   | 13.5   | 13.7   | 13.8   | 14.0   | 14.1   |
| 95°    | 22.1   | 22.7   | 22.9   | 22.8   | 22.7   | 22.6   | 22.4   |
| 97.5°  | 28.6   | 29.1   | 29.4   | 29.5   | 29.7   | 29.8   | 30.0   |
| 100°   | 32.5   | 33.5   | 34.0   | 34.3   | 34.5   | 34.7   | 35.0   |
| 102.5° | 34.2   | 35.4   | 36.2   | 36.5   | 36.8   | 37.1   | 37.5   |
| 105°   | 35.7   | 36.9   | 37.8   | 38.3   | 38.7   | 39.2   | 39.7   |
| 107.5° | 40.7   | 39.4   | 39.0   | 39.4   | 39.9   | 40.3   | 40.8   |
| 110°   | 56.5   | 44.9   | 39.4   | 39.8   | 40.3   | 40.8   | 41.2   |



TEST NUMBER: P331681

CATALOG NUMBER: SA2XXRDIP-C675D530U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 103.4 | 61.1  | 40.2  | 40.5  | 40.9  | 41.3  | 41.6  |
| 115°   | 160.9 | 107.2 | 76.2  | 67.8  | 59.5  | 51.1  | 42.8  |
| 117.5° | 317.7 | 304.7 | 284.5 | 257.0 | 229.6 | 202.2 | 174.7 |
| 120°   | 386.7 | 388.1 | 381.0 | 365.3 | 349.7 | 334.0 | 318.3 |
| 122.5° | 409.7 | 410.5 | 409.4 | 406.4 | 403.3 | 400.3 | 397.2 |
| 125°   | 443.4 | 444.2 | 444.8 | 445.2 | 445.5 | 445.9 | 446.2 |
| 127.5° | 475.0 | 476.2 | 476.8 | 476.9 | 477.0 | 477.0 | 477.1 |
| 130°   | 494.9 | 496.2 | 496.8 | 496.6 | 496.5 | 496.4 | 496.3 |
| 132.5° | 514.0 | 515.1 | 515.5 | 515.4 | 515.3 | 515.2 | 515.1 |
| 135°   | 541.5 | 542.7 | 543.2 | 542.9 | 542.7 | 542.5 | 542.2 |
| 137.5° | 567.0 | 568.2 | 568.5 | 568.1 | 567.7 | 567.4 | 567.0 |
| 140°   | 583.4 | 584.5 | 584.7 | 584.1 | 583.6 | 583.0 | 582.4 |
| 142.5° | 598.6 | 599.6 | 599.8 | 599.2 | 598.6 | 598.0 | 597.4 |
| 145°   | 619.8 | 620.6 | 620.7 | 620.2 | 619.6 | 619.0 | 618.4 |
| 147.5° | 638.2 | 638.8 | 638.8 | 638.4 | 637.9 | 637.4 | 636.9 |
| 150°   | 649.7 | 650.4 | 650.5 | 649.9 | 649.3 | 648.7 | 648.2 |
| 152.5° | 660.2 | 660.9 | 660.8 | 660.1 | 659.3 | 658.5 | 657.8 |
| 155°   | 674.3 | 675.0 | 674.8 | 673.9 | 673.0 | 672.1 | 671.1 |
| 157.5° | 686.2 | 687.0 | 687.0 | 686.0 | 685.1 | 684.2 | 683.3 |
| 160°   | 693.0 | 693.7 | 693.7 | 692.9 | 692.1 | 691.2 | 690.4 |
| 162.5° | 699.6 | 700.4 | 700.3 | 699.3 | 698.3 | 697.3 | 696.3 |
| 165°   | 707.5 | 708.3 | 708.3 | 707.5 | 706.7 | 705.9 | 705.0 |
| 167.5° | 714.1 | 714.9 | 714.8 | 713.7 | 712.7 | 711.6 | 710.6 |
| 170°   | 717.4 | 718.2 | 718.1 | 717.0 | 716.0 | 715.0 | 713.9 |
| 172.5° | 719.9 | 720.7 | 720.6 | 719.6 | 718.5 | 717.5 | 716.4 |
| 175°   | 722.6 | 723.4 | 723.3 | 722.1 | 720.9 | 719.8 | 718.6 |
| 177.5° | 722.8 | 723.4 | 723.3 | 722.5 | 721.6 | 720.8 | 720.0 |
| 180°   | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 | 721.2 |

(END OF REPORT)