

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: P331778-930

Luminaire Tested: **S122RDIW-S290D1240U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331778-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S290D1240U930-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1240 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

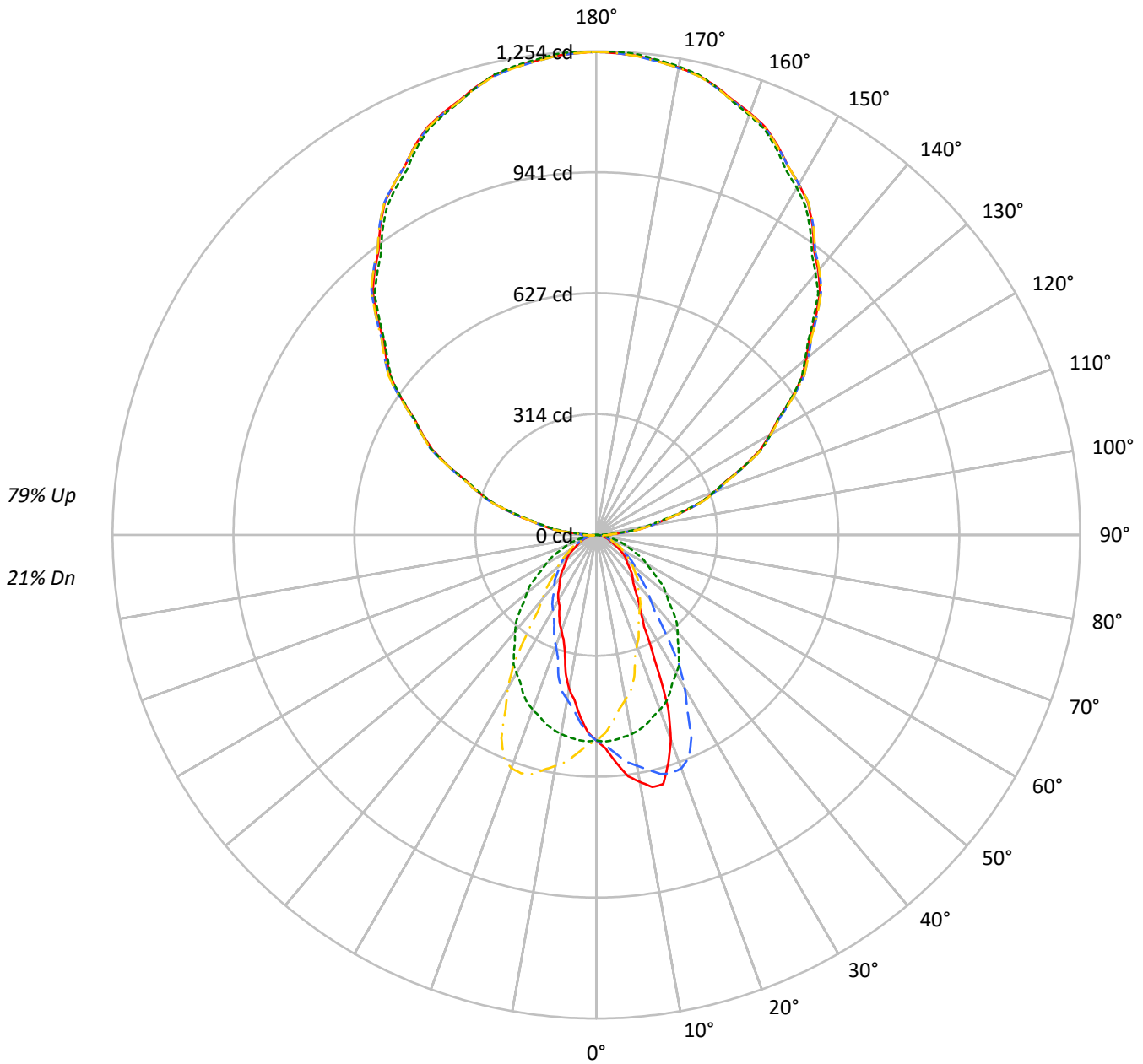
Lumens per Lamp: N/A  
Luminaire Lumens: 4429.0 lumens  
Efficiency: N/A  
Efficacy: 95.0 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (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: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 100 | 100 | 100 | 100 | 89 | 89 | 89 | 89 | 67 | 67 | 67 | 47 | 47 | 47 | 29 | 29 | 29 | 21 |
| 1   | 92  | 88  | 84  | 81  | 81 | 78 | 75 | 72 | 59 | 57 | 55 | 42 | 41 | 40 | 26 | 26 | 25 | 18 |
| 2   | 84  | 77  | 71  | 66  | 74 | 68 | 64 | 60 | 52 | 49 | 46 | 37 | 35 | 34 | 24 | 23 | 22 | 16 |
| 3   | 76  | 68  | 61  | 56  | 67 | 60 | 55 | 50 | 46 | 42 | 39 | 33 | 31 | 29 | 21 | 20 | 19 | 14 |
| 4   | 70  | 60  | 53  | 47  | 62 | 54 | 47 | 43 | 41 | 37 | 34 | 30 | 27 | 25 | 19 | 18 | 17 | 12 |
| 5   | 64  | 53  | 46  | 40  | 57 | 48 | 41 | 37 | 37 | 33 | 29 | 27 | 24 | 22 | 17 | 16 | 15 | 11 |
| 6   | 59  | 48  | 40  | 35  | 52 | 43 | 36 | 32 | 33 | 29 | 25 | 24 | 21 | 19 | 16 | 14 | 13 | 10 |
| 7   | 55  | 43  | 36  | 31  | 48 | 39 | 32 | 28 | 30 | 26 | 22 | 22 | 19 | 17 | 15 | 13 | 12 | 9  |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 25 | 27 | 23 | 20 | 20 | 17 | 15 | 14 | 12 | 11 | 8  |
| 9   | 47  | 36  | 29  | 24  | 42 | 32 | 26 | 22 | 25 | 21 | 18 | 19 | 16 | 14 | 13 | 11 | 10 | 7  |
| 10  | 44  | 33  | 26  | 21  | 39 | 29 | 24 | 20 | 23 | 19 | 16 | 17 | 14 | 12 | 12 | 10 | 9  | 7  |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 8606  | 8606 | 8606 | 8606 |
| 5°  | 9611  | 8660 | 7679 | 8660 |
| 10° | 10663 | 8599 | 6655 | 8599 |
| 15° | 11188 | 8473 | 5244 | 8473 |
| 20° | 9699  | 8285 | 4538 | 8285 |
| 25° | 6360  | 8031 | 4051 | 8031 |
| 30° | 4282  | 7720 | 3667 | 7720 |
| 35° | 3467  | 7330 | 3307 | 7330 |
| 40° | 3084  | 6905 | 3060 | 6905 |
| 45° | 2790  | 6405 | 2731 | 6405 |
| 50° | 2539  | 5913 | 2532 | 5913 |
| 55° | 2387  | 5362 | 2356 | 5362 |
| 60° | 1999  | 4863 | 1973 | 4863 |
| 65° | 1685  | 4413 | 1910 | 4413 |
| 70° | 1553  | 3942 | 1803 | 3942 |
| 75° | 1454  | 3431 | 1666 | 3431 |
| 80° | 1339  | 2827 | 1478 | 2827 |
| 85° | 1241  | 2242 | 1297 | 2242 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.5   | 1.1       |
| 10°-20°   | 140.8  | 3.2       |
| 20°-30°   | 181.4  | 4.1       |
| 30°-40°   | 172.4  | 3.9       |
| 40°-50°   | 147.7  | 3.3       |
| 50°-60°   | 112.5  | 2.5       |
| 60°-70°   | 71.1   | 1.6       |
| 70°-80°   | 35.5   | 0.8       |
| 80°-90°   | 14.2   | 0.3       |
| 90°-100°  | 79.4   | 1.8       |
| 100°-110° | 246.5  | 5.6       |
| 110°-120° | 421.4  | 9.5       |
| 120°-130° | 554.2  | 12.5      |
| 130°-140° | 622.0  | 14.0      |
| 140°-150° | 609.9  | 13.8      |
| 150°-160° | 511.5  | 11.6      |
| 160°-170° | 339.3  | 7.7       |
| 170°-180° | 118.6  | 2.7       |
| 0°-30°    | 372.7  | 8.4       |
| 0°-40°    | 545.1  | 12.3      |
| 0°-60°    | 805.3  | 18.2      |
| 0°-90°    | 926.1  | 20.9      |
| 90°-120°  | 747.3  | 16.9      |
| 90°-150°  | 2533.4 | 57.2      |
| 90°-180°  | 3503.0 | 79.1      |
| 0°-180°   | 4429.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 533  | 533  | 533  | 533  | 533  |      |
| 5°   | 593  | 534  | 474  | 534  | 593  | 59   |
| 15°  | 669  | 507  | 314  | 507  | 669  | 181  |
| 25°  | 357  | 451  | 227  | 451  | 357  | 169  |
| 35°  | 176  | 372  | 168  | 372  | 176  | 113  |
| 45°  | 122  | 280  | 120  | 280  | 122  | 95   |
| 55°  | 85   | 190  | 84   | 190  | 85   | 74   |
| 65°  | 44   | 116  | 50   | 116  | 44   | 45   |
| 75°  | 23   | 55   | 27   | 55   | 23   | 25   |
| 85°  | 7    | 12   | 7    | 12   | 7    | 8    |
| 90°  | 36   | 1    | 36   | 1    | 36   | 16   |
| 95°  | 66   | 55   | 66   | 55   | 66   | 73   |
| 105° | 235  | 227  | 235  | 227  | 235  | 247  |
| 115° | 423  | 423  | 423  | 423  | 423  | 418  |
| 125° | 617  | 615  | 617  | 615  | 617  | 550  |
| 135° | 806  | 796  | 806  | 796  | 806  | 620  |
| 145° | 977  | 966  | 977  | 966  | 977  | 610  |
| 155° | 1113 | 1105 | 1113 | 1105 | 1113 | 512  |
| 165° | 1203 | 1202 | 1203 | 1202 | 1203 | 339  |
| 175° | 1246 | 1251 | 1246 | 1251 | 1246 | 118  |
| 180° | 1253 | 1253 | 1253 | 1253 | 1253 |      |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 554.6 | 555.1 | 555.5 | 554.5 | 554.5 | 553.6 | 551.6 | 550.2 | 546.0 | 545.4 | 545.4 |
| 5°     | 593.0 | 592.6 | 593.4 | 590.9 | 587.7 | 586.9 | 583.3 | 578.7 | 573.9 | 568.6 | 567.4 |
| 7.5°   | 631.1 | 630.6 | 629.1 | 628.7 | 626.1 | 620.5 | 614.9 | 608.9 | 600.9 | 593.0 | 589.1 |
| 10°    | 650.4 | 656.6 | 652.8 | 646.4 | 647.6 | 639.0 | 634.3 | 626.3 | 619.6 | 608.0 | 605.4 |
| 12.5°  | 669.4 | 671.8 | 670.6 | 666.9 | 665.3 | 659.3 | 653.0 | 646.0 | 633.7 | 623.3 | 614.2 |
| 15°    | 669.3 | 672.8 | 673.8 | 672.6 | 673.5 | 673.2 | 669.8 | 664.1 | 653.4 | 641.9 | 631.9 |
| 17.5°  | 619.9 | 622.3 | 628.4 | 632.5 | 637.7 | 648.7 | 654.1 | 656.2 | 654.6 | 648.0 | 641.0 |
| 20°    | 564.5 | 560.4 | 577.5 | 586.1 | 593.5 | 612.0 | 628.0 | 634.1 | 643.9 | 643.8 | 641.9 |
| 22.5°  | 485.9 | 486.9 | 503.0 | 513.4 | 535.0 | 553.6 | 571.7 | 594.7 | 613.7 | 626.2 | 633.6 |
| 25°    | 357.0 | 364.1 | 380.2 | 394.3 | 418.3 | 452.8 | 484.1 | 520.4 | 554.6 | 581.7 | 607.5 |
| 27.5°  | 268.2 | 268.7 | 281.4 | 294.5 | 308.8 | 337.0 | 376.4 | 419.7 | 468.6 | 508.9 | 555.2 |
| 30°    | 229.7 | 228.5 | 233.9 | 241.9 | 254.1 | 276.0 | 305.6 | 348.1 | 396.9 | 457.6 | 511.7 |
| 32.5°  | 202.4 | 202.4 | 206.5 | 212.4 | 222.5 | 237.3 | 257.6 | 292.2 | 338.2 | 397.9 | 461.3 |
| 35°    | 175.9 | 175.8 | 178.7 | 183.0 | 187.2 | 196.7 | 210.6 | 228.7 | 260.4 | 316.1 | 380.9 |
| 37.5°  | 156.9 | 157.8 | 159.2 | 161.9 | 166.6 | 171.9 | 180.2 | 192.4 | 214.9 | 247.9 | 302.4 |
| 40°    | 146.3 | 146.7 | 148.7 | 150.9 | 153.7 | 157.8 | 164.6 | 174.5 | 190.9 | 217.2 | 257.1 |
| 42.5°  | 136.6 | 136.9 | 138.4 | 140.4 | 142.6 | 146.7 | 152.4 | 160.9 | 174.2 | 194.7 | 227.6 |
| 45°    | 122.2 | 122.2 | 123.5 | 124.4 | 126.9 | 130.5 | 135.2 | 142.3 | 151.5 | 166.6 | 188.5 |
| 47.5°  | 108.8 | 108.8 | 109.7 | 111.3 | 112.8 | 115.7 | 120.3 | 126.0 | 132.7 | 144.5 | 163.1 |
| 50°    | 101.1 | 101.3 | 101.8 | 103.1 | 104.1 | 106.6 | 110.2 | 115.2 | 122.2 | 131.3 | 146.8 |
| 52.5°  | 94.9  | 94.8  | 95.5  | 96.0  | 96.7  | 98.5  | 101.2 | 105.6 | 111.9 | 119.8 | 132.6 |
| 55°    | 84.8  | 84.1  | 85.2  | 86.1  | 86.7  | 87.4  | 88.9  | 91.6  | 97.0  | 103.7 | 113.3 |
| 57.5°  | 72.2  | 71.9  | 72.7  | 73.5  | 75.3  | 77.3  | 78.6  | 80.3  | 83.1  | 87.9  | 97.4  |
| 60°    | 61.9  | 61.9  | 63.5  | 64.1  | 66.1  | 68.7  | 71.3  | 72.8  | 75.6  | 78.7  | 85.8  |
| 62.5°  | 52.7  | 52.8  | 53.6  | 54.1  | 55.3  | 58.5  | 62.1  | 65.4  | 68.0  | 71.0  | 75.7  |
| 65°    | 44.1  | 44.4  | 44.4  | 44.8  | 45.6  | 46.3  | 47.8  | 50.4  | 55.0  | 59.3  | 62.8  |
| 67.5°  | 37.4  | 37.5  | 37.7  | 38.0  | 38.2  | 39.0  | 39.6  | 40.8  | 41.8  | 45.8  | 50.2  |
| 70°    | 32.9  | 33.5  | 33.3  | 33.7  | 33.9  | 34.2  | 35.0  | 35.5  | 37.3  | 38.2  | 40.8  |
| 72.5°  | 28.8  | 29.2  | 29.2  | 29.4  | 29.9  | 30.0  | 30.6  | 31.1  | 32.2  | 32.9  | 34.4  |
| 75°    | 23.3  | 23.2  | 23.3  | 23.7  | 23.9  | 24.1  | 24.1  | 24.8  | 25.4  | 26.1  | 27.1  |
| 77.5°  | 18.0  | 18.2  | 18.2  | 18.2  | 18.3  | 18.6  | 18.5  | 18.8  | 19.4  | 19.8  | 20.2  |
| 80°    | 14.4  | 14.6  | 14.4  | 14.6  | 14.8  | 15.0  | 14.8  | 15.0  | 15.6  | 15.9  | 15.9  |
| 82.5°  | 11.2  | 11.3  | 11.3  | 11.3  | 11.4  | 11.4  | 11.7  | 11.7  | 12.1  | 12.1  | 12.2  |
| 85°    | 6.7   | 6.5   | 6.5   | 6.5   | 6.7   | 6.8   | 6.7   | 6.7   | 6.8   | 6.8   | 6.8   |
| 87.5°  | 9.5   | 9.6   | 9.6   | 9.5   | 9.5   | 9.5   | 9.6   | 9.9   | 9.9   | 10.0  | 8.9   |
| 90°    | 36.0  | 35.7  | 35.5  | 35.2  | 35.0  | 35.1  | 35.6  | 36.0  | 36.5  | 37.0  | 31.8  |
| 92.5°  | 34.2  | 34.2  | 34.2  | 34.1  | 34.1  | 34.0  | 33.9  | 33.8  | 33.7  | 33.6  | 32.4  |
| 95°    | 65.6  | 66.0  | 66.4  | 66.9  | 67.4  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.2  |
| 97.5°  | 113.6 | 113.6 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 112.8 |
| 100°   | 144.8 | 145.0 | 145.3 | 145.5 | 145.8 | 145.9 | 145.9 | 145.9 | 145.9 | 145.9 | 145.2 |
| 102.5° | 180.3 | 180.6 | 180.8 | 181.1 | 181.3 | 181.3 | 181.2 | 180.9 | 180.8 | 180.6 | 179.7 |
| 105°   | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 | 234.5 | 234.0 | 233.5 | 233.0 | 232.6 | 232.1 |
| 107.5° | 285.8 | 286.9 | 288.0 | 289.1 | 290.2 | 290.7 | 290.4 | 290.2 | 290.1 | 289.8 | 289.8 |
| 110°   | 325.6 | 326.3 | 327.0 | 327.8 | 328.4 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 363.6  | 364.2  | 364.7  | 365.2  | 365.7  | 366.2  | 366.8  | 367.4  | 367.9  | 368.5  | 368.7  |
| 115°   | 422.9  | 423.5  | 424.3  | 425.0  | 425.7  | 426.2  | 426.4  | 426.6  | 426.9  | 427.1  | 427.5  |
| 117.5° | 479.3  | 480.0  | 480.7  | 481.4  | 482.2  | 482.7  | 483.3  | 483.9  | 484.5  | 485.0  | 486.3  |
| 120°   | 519.1  | 519.8  | 520.5  | 521.1  | 521.9  | 522.2  | 522.2  | 522.2  | 522.2  | 522.2  | 524.1  |
| 122.5° | 558.0  | 558.5  | 559.0  | 559.5  | 560.0  | 560.6  | 561.2  | 561.7  | 562.2  | 562.8  | 564.1  |
| 125°   | 617.3  | 617.6  | 617.8  | 618.1  | 618.3  | 618.8  | 619.5  | 620.2  | 620.9  | 621.6  | 622.3  |
| 127.5° | 671.5  | 672.3  | 673.0  | 673.8  | 674.5  | 675.3  | 676.1  | 677.0  | 677.8  | 678.7  | 679.6  |
| 130°   | 710.4  | 711.3  | 712.3  | 713.2  | 714.2  | 714.9  | 715.3  | 715.8  | 716.2  | 716.7  | 717.2  |
| 132.5° | 747.6  | 748.4  | 749.1  | 749.9  | 750.6  | 751.5  | 752.5  | 753.6  | 754.6  | 755.6  | 755.5  |
| 135°   | 805.5  | 806.2  | 807.0  | 807.6  | 808.4  | 808.9  | 809.1  | 809.3  | 809.5  | 809.8  | 809.3  |
| 137.5° | 858.0  | 858.9  | 859.9  | 860.8  | 861.8  | 862.3  | 862.5  | 862.7  | 862.9  | 863.1  | 862.4  |
| 140°   | 894.4  | 895.3  | 896.3  | 897.2  | 898.1  | 898.5  | 898.5  | 898.5  | 898.5  | 898.5  | 897.4  |
| 142.5° | 927.3  | 928.3  | 929.2  | 930.2  | 931.1  | 931.5  | 931.3  | 931.1  | 930.9  | 930.7  | 929.9  |
| 145°   | 976.8  | 977.8  | 978.7  | 979.7  | 980.6  | 980.9  | 980.7  | 980.5  | 980.2  | 980.0  | 978.6  |
| 147.5° | 1021.0 | 1021.9 | 1022.8 | 1023.7 | 1024.6 | 1024.7 | 1024.3 | 1023.7 | 1023.2 | 1022.7 | 1021.7 |
| 150°   | 1049.8 | 1050.4 | 1051.2 | 1051.9 | 1052.6 | 1052.6 | 1051.9 | 1051.2 | 1050.4 | 1049.8 | 1048.8 |
| 152.5° | 1076.8 | 1077.7 | 1078.6 | 1079.5 | 1080.4 | 1080.4 | 1079.5 | 1078.6 | 1077.7 | 1076.8 | 1075.7 |
| 155°   | 1113.2 | 1113.9 | 1114.6 | 1115.3 | 1116.0 | 1115.7 | 1114.6 | 1113.5 | 1112.2 | 1111.1 | 1110.4 |
| 157.5° | 1144.4 | 1145.6 | 1146.7 | 1147.9 | 1149.0 | 1148.8 | 1147.1 | 1145.6 | 1143.9 | 1142.4 | 1141.9 |
| 160°   | 1163.9 | 1164.9 | 1165.8 | 1166.8 | 1167.7 | 1167.4 | 1166.0 | 1164.7 | 1163.2 | 1161.8 | 1161.6 |
| 162.5° | 1180.9 | 1181.9 | 1183.1 | 1184.2 | 1185.4 | 1185.1 | 1183.5 | 1181.9 | 1180.3 | 1178.8 | 1178.5 |
| 165°   | 1203.1 | 1204.2 | 1205.4 | 1206.6 | 1207.7 | 1207.5 | 1205.8 | 1204.2 | 1202.6 | 1200.9 | 1200.9 |
| 167.5° | 1221.2 | 1222.5 | 1223.7 | 1224.9 | 1226.1 | 1225.9 | 1224.3 | 1222.6 | 1221.0 | 1219.3 | 1219.4 |
| 170°   | 1230.5 | 1231.9 | 1233.4 | 1234.8 | 1236.2 | 1236.1 | 1234.4 | 1232.7 | 1231.1 | 1229.5 | 1229.7 |
| 172.5° | 1238.1 | 1239.6 | 1241.0 | 1242.4 | 1243.7 | 1243.7 | 1242.0 | 1240.4 | 1238.8 | 1237.1 | 1237.3 |
| 175°   | 1246.3 | 1247.8 | 1249.2 | 1250.6 | 1252.1 | 1251.9 | 1250.3 | 1248.6 | 1247.0 | 1245.3 | 1245.8 |
| 177.5° | 1250.2 | 1251.3 | 1252.5 | 1253.6 | 1254.7 | 1254.7 | 1253.6 | 1252.5 | 1251.3 | 1250.2 | 1250.6 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 545.8 | 544.5 | 543.5 | 540.9 | 539.5 | 536.5 | 536.1 | 536.0 | 532.1 | 528.4 | 527.3 |
| 5°     | 564.5 | 561.5 | 557.1 | 551.9 | 546.5 | 541.0 | 537.3 | 534.3 | 526.8 | 519.8 | 515.8 |
| 7.5°   | 583.3 | 577.0 | 569.3 | 559.5 | 551.3 | 542.2 | 535.3 | 529.2 | 518.7 | 508.6 | 501.8 |
| 10°    | 597.5 | 587.1 | 576.9 | 563.4 | 552.8 | 542.4 | 532.8 | 524.5 | 512.7 | 499.3 | 489.8 |
| 12.5°  | 606.2 | 594.8 | 580.7 | 567.5 | 553.8 | 540.6 | 527.7 | 517.1 | 503.1 | 489.3 | 478.2 |
| 15°    | 618.0 | 605.8 | 588.7 | 569.8 | 552.3 | 535.0 | 520.2 | 506.9 | 488.8 | 472.2 | 458.5 |
| 17.5°  | 627.7 | 610.8 | 592.6 | 570.7 | 550.3 | 528.5 | 509.4 | 492.4 | 472.1 | 452.2 | 436.1 |
| 20°    | 630.8 | 614.1 | 593.0 | 571.1 | 547.1 | 521.3 | 500.8 | 482.2 | 460.6 | 438.9 | 420.4 |
| 22.5°  | 628.8 | 615.9 | 592.4 | 566.2 | 541.6 | 514.7 | 491.5 | 469.9 | 445.9 | 423.8 | 402.4 |
| 25°    | 615.8 | 611.3 | 589.1 | 560.6 | 532.5 | 501.2 | 474.3 | 450.8 | 423.4 | 399.7 | 376.3 |
| 27.5°  | 585.3 | 594.9 | 581.1 | 550.7 | 519.4 | 485.9 | 455.7 | 428.9 | 400.5 | 373.8 | 350.6 |
| 30°    | 556.0 | 578.0 | 572.1 | 543.9 | 508.9 | 476.0 | 442.1 | 414.1 | 383.8 | 356.3 | 333.4 |
| 32.5°  | 515.8 | 552.2 | 558.0 | 534.4 | 498.2 | 462.0 | 426.5 | 398.7 | 367.0 | 338.1 | 315.7 |
| 35°    | 451.8 | 506.3 | 531.3 | 516.3 | 480.0 | 440.9 | 404.3 | 371.9 | 340.0 | 311.5 | 289.3 |
| 37.5°  | 375.6 | 449.8 | 491.5 | 492.5 | 459.2 | 418.6 | 378.6 | 346.4 | 313.8 | 285.8 | 261.8 |
| 40°    | 326.1 | 406.5 | 460.8 | 472.8 | 444.7 | 400.8 | 360.4 | 327.6 | 295.8 | 268.3 | 240.8 |
| 42.5°  | 281.7 | 361.7 | 428.4 | 449.4 | 427.1 | 383.4 | 342.9 | 308.7 | 277.7 | 251.8 | 223.6 |
| 45°    | 227.8 | 297.8 | 371.3 | 408.7 | 396.3 | 356.0 | 313.2 | 280.5 | 251.5 | 229.1 | 202.0 |
| 47.5°  | 192.2 | 241.5 | 312.7 | 363.2 | 363.1 | 326.2 | 284.1 | 252.9 | 225.9 | 204.9 | 183.0 |
| 50°    | 171.9 | 214.8 | 275.0 | 332.4 | 337.2 | 306.3 | 266.3 | 235.4 | 210.2 | 188.2 | 170.6 |
| 52.5°  | 153.6 | 189.1 | 243.1 | 298.2 | 311.9 | 285.1 | 246.3 | 217.8 | 193.3 | 173.0 | 158.0 |
| 55°    | 129.8 | 157.3 | 198.4 | 249.8 | 270.6 | 251.7 | 217.2 | 190.5 | 170.7 | 153.7 | 140.7 |
| 57.5°  | 109.8 | 130.4 | 163.4 | 204.8 | 228.9 | 217.1 | 188.7 | 167.0 | 150.0 | 134.6 | 124.4 |
| 60°    | 97.3  | 114.1 | 142.0 | 176.7 | 203.3 | 195.0 | 170.7 | 150.6 | 136.2 | 122.8 | 113.2 |
| 62.5°  | 85.4  | 99.9  | 123.8 | 152.0 | 176.3 | 172.9 | 153.1 | 136.2 | 123.5 | 111.4 | 103.2 |
| 65°    | 68.7  | 79.2  | 98.0  | 120.0 | 139.7 | 141.3 | 127.0 | 115.5 | 104.3 | 94.7  | 87.4  |
| 67.5°  | 54.7  | 61.6  | 74.8  | 93.4  | 108.0 | 113.3 | 104.6 | 95.8  | 86.8  | 79.4  | 73.1  |
| 70°    | 46.1  | 51.7  | 61.3  | 76.3  | 89.8  | 95.4  | 90.3  | 83.5  | 75.7  | 69.6  | 64.2  |
| 72.5°  | 37.3  | 42.8  | 49.9  | 60.9  | 72.5  | 78.5  | 76.7  | 71.8  | 65.6  | 60.4  | 55.4  |
| 75°    | 28.1  | 29.8  | 34.7  | 42.1  | 51.1  | 56.3  | 57.6  | 55.0  | 50.0  | 46.1  | 43.1  |
| 77.5°  | 20.8  | 21.9  | 24.1  | 28.0  | 33.9  | 38.6  | 40.4  | 40.1  | 36.7  | 34.5  | 31.6  |
| 80°    | 16.6  | 17.2  | 18.3  | 20.0  | 24.5  | 29.1  | 30.4  | 30.4  | 28.0  | 27.1  | 24.3  |
| 82.5°  | 12.6  | 13.0  | 13.8  | 14.7  | 16.7  | 20.8  | 22.3  | 22.5  | 21.0  | 19.8  | 17.6  |
| 85°    | 7.3   | 7.0   | 7.4   | 8.0   | 8.3   | 9.5   | 11.7  | 12.1  | 11.7  | 10.2  | 9.6   |
| 87.5°  | 7.8   | 6.9   | 6.0   | 5.0   | 4.6   | 4.2   | 4.3   | 4.5   | 4.5   | 4.6   | 4.9   |
| 90°    | 26.7  | 21.5  | 16.3  | 12.3  | 9.5   | 6.7   | 3.9   | 1.1   | 3.9   | 6.7   | 9.5   |
| 92.5°  | 31.1  | 29.9  | 28.7  | 27.1  | 25.0  | 23.0  | 20.9  | 18.8  | 20.9  | 23.0  | 25.0  |
| 95°    | 66.7  | 66.3  | 65.8  | 64.4  | 62.0  | 59.7  | 57.3  | 55.0  | 57.3  | 59.7  | 62.0  |
| 97.5°  | 111.9 | 111.0 | 110.1 | 108.7 | 106.6 | 104.6 | 102.5 | 100.4 | 102.5 | 104.6 | 106.6 |
| 100°   | 144.5 | 143.7 | 143.1 | 141.8 | 139.9 | 138.0 | 136.2 | 134.3 | 136.2 | 138.0 | 139.9 |
| 102.5° | 178.8 | 177.9 | 177.0 | 175.8 | 174.3 | 172.8 | 171.3 | 169.7 | 171.3 | 172.8 | 174.3 |
| 105°   | 231.6 | 231.1 | 230.7 | 230.1 | 229.4 | 228.7 | 228.0 | 227.3 | 228.0 | 228.7 | 229.4 |
| 107.5° | 289.8 | 289.8 | 289.8 | 289.3 | 288.3 | 287.3 | 286.3 | 285.2 | 286.3 | 287.3 | 288.3 |
| 110°   | 328.8 | 328.8 | 328.8 | 328.1 | 326.7 | 325.2 | 323.8 | 322.5 | 323.8 | 325.2 | 326.7 |





TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 368.9  | 369.1  | 369.2  | 368.7  | 367.3  | 365.8  | 364.4  | 363.1  | 364.4  | 365.8  | 367.3  |
| 115°   | 428.0  | 428.5  | 428.9  | 428.5  | 427.1  | 425.7  | 424.3  | 422.9  | 424.3  | 425.7  | 427.1  |
| 117.5° | 487.6  | 488.9  | 490.3  | 490.0  | 488.1  | 486.2  | 484.4  | 482.5  | 484.4  | 486.2  | 488.1  |
| 120°   | 526.0  | 527.9  | 529.8  | 529.8  | 527.9  | 526.0  | 524.1  | 522.2  | 524.1  | 526.0  | 527.9  |
| 122.5° | 565.5  | 566.8  | 568.1  | 567.6  | 565.3  | 563.1  | 560.8  | 558.6  | 560.8  | 563.1  | 565.3  |
| 125°   | 623.1  | 623.7  | 624.4  | 623.7  | 621.6  | 619.5  | 617.3  | 615.2  | 617.3  | 619.5  | 621.6  |
| 127.5° | 680.4  | 681.3  | 682.1  | 681.2  | 678.5  | 675.8  | 673.1  | 670.4  | 673.1  | 675.8  | 678.5  |
| 130°   | 717.7  | 718.2  | 718.6  | 717.3  | 714.3  | 711.3  | 708.2  | 705.2  | 708.2  | 711.3  | 714.3  |
| 132.5° | 755.5  | 755.4  | 755.3  | 754.0  | 751.5  | 749.0  | 746.5  | 744.0  | 746.5  | 749.0  | 751.5  |
| 135°   | 808.9  | 808.4  | 807.9  | 806.4  | 803.8  | 801.2  | 798.6  | 796.1  | 798.6  | 801.2  | 803.8  |
| 137.5° | 861.9  | 861.2  | 860.6  | 859.2  | 857.1  | 855.0  | 852.9  | 850.8  | 852.9  | 855.0  | 857.1  |
| 140°   | 896.3  | 895.0  | 893.9  | 892.3  | 890.1  | 888.0  | 885.9  | 883.8  | 885.9  | 888.0  | 890.1  |
| 142.5° | 929.1  | 928.3  | 927.5  | 926.1  | 924.0  | 921.9  | 919.7  | 917.6  | 919.7  | 921.9  | 924.0  |
| 145°   | 977.1  | 975.8  | 974.4  | 972.8  | 971.2  | 969.6  | 967.9  | 966.2  | 967.9  | 969.6  | 971.2  |
| 147.5° | 1020.8 | 1019.9 | 1019.0 | 1017.5 | 1015.5 | 1013.5 | 1011.5 | 1009.6 | 1011.5 | 1013.5 | 1015.5 |
| 150°   | 1047.9 | 1046.9 | 1046.0 | 1044.8 | 1043.4 | 1042.0 | 1040.6 | 1039.2 | 1040.6 | 1042.0 | 1043.4 |
| 152.5° | 1074.6 | 1073.4 | 1072.3 | 1071.1 | 1069.6 | 1068.2 | 1066.8 | 1065.4 | 1066.8 | 1068.2 | 1069.6 |
| 155°   | 1109.6 | 1109.0 | 1108.2 | 1107.6 | 1106.9 | 1106.1 | 1105.5 | 1104.7 | 1105.5 | 1106.1 | 1106.9 |
| 157.5° | 1141.5 | 1141.1 | 1140.7 | 1140.2 | 1139.8 | 1139.3 | 1138.8 | 1138.3 | 1138.8 | 1139.3 | 1139.8 |
| 160°   | 1161.3 | 1161.1 | 1160.9 | 1160.5 | 1160.1 | 1159.6 | 1159.1 | 1158.6 | 1159.1 | 1159.6 | 1160.1 |
| 162.5° | 1178.3 | 1178.0 | 1177.8 | 1177.6 | 1177.5 | 1177.5 | 1177.4 | 1177.2 | 1177.4 | 1177.5 | 1177.5 |
| 165°   | 1200.9 | 1200.9 | 1200.9 | 1201.0 | 1201.3 | 1201.5 | 1201.8 | 1202.0 | 1201.8 | 1201.5 | 1201.3 |
| 167.5° | 1219.4 | 1219.4 | 1219.5 | 1219.9 | 1220.6 | 1221.3 | 1222.0 | 1222.7 | 1222.0 | 1221.3 | 1220.6 |
| 170°   | 1230.0 | 1230.2 | 1230.4 | 1230.9 | 1231.6 | 1232.3 | 1233.0 | 1233.7 | 1233.0 | 1232.3 | 1231.6 |
| 172.5° | 1237.5 | 1237.8 | 1238.0 | 1238.5 | 1239.2 | 1239.9 | 1240.6 | 1241.3 | 1240.6 | 1239.9 | 1239.2 |
| 175°   | 1246.3 | 1246.8 | 1247.2 | 1247.8 | 1248.5 | 1249.2 | 1249.9 | 1250.6 | 1249.9 | 1249.2 | 1248.5 |
| 177.5° | 1250.9 | 1251.3 | 1251.7 | 1252.1 | 1252.7 | 1253.3 | 1253.8 | 1254.4 | 1253.8 | 1253.3 | 1252.7 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 525.5 | 524.4 | 522.4 | 519.5 | 517.7 | 514.6 | 512.6 | 513.7 | 514.0 | 513.7 | 513.5 |
| 5°     | 511.4 | 507.4 | 502.1 | 496.8 | 492.0 | 486.9 | 483.9 | 482.7 | 480.0 | 478.6 | 477.8 |
| 7.5°   | 494.2 | 487.5 | 480.0 | 470.9 | 463.3 | 455.2 | 451.1 | 449.1 | 443.8 | 440.9 | 438.4 |
| 10°    | 481.5 | 470.9 | 463.3 | 451.5 | 444.3 | 433.7 | 426.5 | 426.7 | 419.5 | 415.4 | 412.5 |
| 12.5°  | 467.4 | 455.8 | 443.2 | 432.5 | 422.5 | 414.0 | 405.3 | 401.8 | 394.1 | 390.2 | 382.2 |
| 15°    | 444.1 | 430.6 | 417.3 | 402.8 | 392.6 | 379.4 | 366.9 | 351.5 | 339.1 | 328.3 | 325.4 |
| 17.5°  | 418.7 | 401.9 | 388.5 | 371.5 | 354.1 | 332.0 | 317.4 | 308.4 | 301.0 | 295.3 | 291.1 |
| 20°    | 401.1 | 384.1 | 369.8 | 344.3 | 320.7 | 305.7 | 295.1 | 288.1 | 280.4 | 274.3 | 270.9 |
| 22.5°  | 382.8 | 365.0 | 345.5 | 317.0 | 298.6 | 286.7 | 277.1 | 269.2 | 263.9 | 259.2 | 256.1 |
| 25°    | 356.7 | 337.2 | 305.2 | 285.6 | 270.8 | 258.1 | 251.5 | 246.7 | 241.2 | 234.6 | 231.7 |
| 27.5°  | 329.1 | 298.2 | 275.2 | 260.6 | 246.5 | 238.3 | 232.3 | 225.1 | 220.1 | 217.2 | 214.1 |
| 30°    | 308.5 | 277.6 | 259.7 | 243.7 | 233.7 | 224.6 | 217.6 | 213.5 | 208.7 | 203.7 | 201.7 |
| 32.5°  | 285.6 | 260.9 | 243.6 | 230.4 | 220.2 | 212.5 | 206.9 | 200.3 | 196.9 | 193.8 | 189.6 |
| 35°    | 257.1 | 238.3 | 222.6 | 211.9 | 202.2 | 195.9 | 189.5 | 185.6 | 179.3 | 176.7 | 175.0 |
| 37.5°  | 232.9 | 216.7 | 205.0 | 193.6 | 186.0 | 179.0 | 175.0 | 168.8 | 166.2 | 162.5 | 159.0 |
| 40°    | 219.2 | 203.3 | 192.1 | 182.8 | 174.2 | 169.1 | 164.1 | 159.1 | 155.0 | 153.4 | 149.1 |
| 42.5°  | 205.4 | 192.4 | 181.1 | 171.0 | 165.3 | 159.7 | 153.4 | 149.8 | 145.5 | 142.8 | 140.2 |
| 45°    | 186.1 | 174.6 | 165.0 | 156.7 | 150.3 | 144.6 | 140.6 | 134.4 | 132.1 | 126.7 | 124.4 |
| 47.5°  | 169.3 | 158.6 | 149.4 | 141.5 | 135.3 | 131.6 | 125.6 | 120.8 | 117.0 | 113.7 | 110.8 |
| 50°    | 157.3 | 148.3 | 139.4 | 132.4 | 126.9 | 121.5 | 115.4 | 113.0 | 107.0 | 105.3 | 103.7 |
| 52.5°  | 146.3 | 137.8 | 129.7 | 122.8 | 117.2 | 112.0 | 106.6 | 103.5 | 99.5  | 97.8  | 96.6  |
| 55°    | 130.9 | 122.8 | 115.0 | 108.9 | 103.4 | 98.0  | 94.7  | 90.7  | 88.9  | 87.6  | 86.1  |
| 57.5°  | 115.5 | 108.2 | 102.2 | 96.0  | 90.4  | 86.2  | 82.3  | 80.0  | 78.1  | 76.4  | 74.6  |
| 60°    | 105.7 | 98.7  | 93.4  | 87.6  | 81.9  | 78.4  | 75.4  | 72.6  | 70.4  | 67.8  | 67.0  |
| 62.5°  | 95.4  | 89.2  | 84.3  | 78.7  | 73.7  | 70.5  | 67.7  | 65.1  | 62.4  | 58.6  | 57.6  |
| 65°    | 81.1  | 76.3  | 71.1  | 66.4  | 62.0  | 58.9  | 54.8  | 51.9  | 50.7  | 50.4  | 50.2  |
| 67.5°  | 68.2  | 63.7  | 59.2  | 54.5  | 50.5  | 47.5  | 45.4  | 45.0  | 44.2  | 44.0  | 43.5  |
| 70°    | 59.6  | 55.4  | 51.0  | 46.5  | 42.6  | 42.1  | 41.3  | 40.5  | 39.6  | 39.3  | 38.9  |
| 72.5°  | 51.9  | 47.5  | 43.0  | 39.5  | 37.8  | 37.2  | 36.4  | 35.6  | 35.1  | 34.7  | 34.5  |
| 75°    | 39.8  | 35.7  | 32.8  | 31.5  | 30.6  | 30.0  | 28.9  | 28.4  | 28.0  | 27.4  | 27.2  |
| 77.5°  | 28.7  | 26.3  | 25.0  | 24.2  | 23.2  | 22.7  | 22.0  | 21.4  | 21.0  | 21.0  | 20.6  |
| 80°    | 21.9  | 20.7  | 19.8  | 18.7  | 18.3  | 17.6  | 17.4  | 16.9  | 17.0  | 16.5  | 16.5  |
| 82.5°  | 17.0  | 15.6  | 14.8  | 14.3  | 13.9  | 13.3  | 13.1  | 12.9  | 12.9  | 12.5  | 12.5  |
| 85°    | 8.7   | 8.3   | 8.0   | 7.6   | 7.6   | 7.0   | 7.3   | 7.0   | 7.0   | 6.7   | 6.5   |
| 87.5°  | 5.3   | 6.0   | 6.7   | 7.7   | 8.7   | 9.6   | 9.5   | 9.3   | 9.2   | 9.1   | 8.9   |
| 90°    | 12.3  | 16.3  | 21.5  | 26.7  | 31.8  | 37.0  | 36.5  | 36.0  | 35.6  | 35.1  | 35.0  |
| 92.5°  | 27.1  | 28.7  | 29.9  | 31.1  | 32.4  | 33.6  | 33.7  | 33.8  | 33.9  | 34.0  | 34.1  |
| 95°    | 64.4  | 65.8  | 66.3  | 66.7  | 67.2  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.4  |
| 97.5°  | 108.7 | 110.1 | 111.0 | 111.9 | 112.8 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 |
| 100°   | 141.8 | 143.1 | 143.7 | 144.5 | 145.2 | 145.9 | 145.9 | 145.9 | 145.9 | 145.9 | 145.8 |
| 102.5° | 175.8 | 177.0 | 177.9 | 178.8 | 179.7 | 180.6 | 180.8 | 180.9 | 181.2 | 181.3 | 181.3 |
| 105°   | 230.1 | 230.7 | 231.1 | 231.6 | 232.1 | 232.6 | 233.0 | 233.5 | 234.0 | 234.5 | 234.7 |
| 107.5° | 289.3 | 289.8 | 289.8 | 289.8 | 289.8 | 289.8 | 290.1 | 290.2 | 290.4 | 290.7 | 290.2 |
| 110°   | 328.1 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.4 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 368.7  | 369.2  | 369.1  | 368.9  | 368.7  | 368.5  | 367.9  | 367.4  | 366.8  | 366.2  | 365.7  |
| 115°   | 428.5  | 428.9  | 428.5  | 428.0  | 427.5  | 427.1  | 426.9  | 426.6  | 426.4  | 426.2  | 425.7  |
| 117.5° | 490.0  | 490.3  | 488.9  | 487.6  | 486.3  | 485.0  | 484.5  | 483.9  | 483.3  | 482.7  | 482.2  |
| 120°   | 529.8  | 529.8  | 527.9  | 526.0  | 524.1  | 522.2  | 522.2  | 522.2  | 522.2  | 522.2  | 521.9  |
| 122.5° | 567.6  | 568.1  | 566.8  | 565.5  | 564.1  | 562.8  | 562.2  | 561.7  | 561.2  | 560.6  | 560.0  |
| 125°   | 623.7  | 624.4  | 623.7  | 623.1  | 622.3  | 621.6  | 620.9  | 620.2  | 619.5  | 618.8  | 618.3  |
| 127.5° | 681.2  | 682.1  | 681.3  | 680.4  | 679.6  | 678.7  | 677.8  | 677.0  | 676.1  | 675.3  | 674.5  |
| 130°   | 717.3  | 718.6  | 718.2  | 717.7  | 717.2  | 716.7  | 716.2  | 715.8  | 715.3  | 714.9  | 714.2  |
| 132.5° | 754.0  | 755.3  | 755.4  | 755.5  | 755.5  | 755.6  | 754.6  | 753.6  | 752.5  | 751.5  | 750.6  |
| 135°   | 806.4  | 807.9  | 808.4  | 808.9  | 809.3  | 809.8  | 809.5  | 809.3  | 809.1  | 808.9  | 808.4  |
| 137.5° | 859.2  | 860.6  | 861.2  | 861.9  | 862.4  | 863.1  | 862.9  | 862.7  | 862.5  | 862.3  | 861.8  |
| 140°   | 892.3  | 893.9  | 895.0  | 896.3  | 897.4  | 898.5  | 898.5  | 898.5  | 898.5  | 898.5  | 898.1  |
| 142.5° | 926.1  | 927.5  | 928.3  | 929.1  | 929.9  | 930.7  | 930.9  | 931.1  | 931.3  | 931.5  | 931.1  |
| 145°   | 972.8  | 974.4  | 975.8  | 977.1  | 978.6  | 980.0  | 980.2  | 980.5  | 980.7  | 980.9  | 980.6  |
| 147.5° | 1017.5 | 1019.0 | 1019.9 | 1020.8 | 1021.7 | 1022.7 | 1023.2 | 1023.7 | 1024.3 | 1024.7 | 1024.6 |
| 150°   | 1044.8 | 1046.0 | 1046.9 | 1047.9 | 1048.8 | 1049.8 | 1050.4 | 1051.2 | 1051.9 | 1052.6 | 1052.6 |
| 152.5° | 1071.1 | 1072.3 | 1073.4 | 1074.6 | 1075.7 | 1076.8 | 1077.7 | 1078.6 | 1079.5 | 1080.4 | 1080.4 |
| 155°   | 1107.6 | 1108.2 | 1109.0 | 1109.6 | 1110.4 | 1111.1 | 1112.2 | 1113.5 | 1114.6 | 1115.7 | 1116.0 |
| 157.5° | 1140.2 | 1140.7 | 1141.1 | 1141.5 | 1141.9 | 1142.4 | 1143.9 | 1145.6 | 1147.1 | 1148.8 | 1149.0 |
| 160°   | 1160.5 | 1160.9 | 1161.1 | 1161.3 | 1161.6 | 1161.8 | 1163.2 | 1164.7 | 1166.0 | 1167.4 | 1167.7 |
| 162.5° | 1177.6 | 1177.8 | 1178.0 | 1178.3 | 1178.5 | 1178.8 | 1180.3 | 1181.9 | 1183.5 | 1185.1 | 1185.4 |
| 165°   | 1201.0 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1202.6 | 1204.2 | 1205.8 | 1207.5 | 1207.7 |
| 167.5° | 1219.9 | 1219.5 | 1219.4 | 1219.4 | 1219.4 | 1219.3 | 1221.0 | 1222.6 | 1224.3 | 1225.9 | 1226.1 |
| 170°   | 1230.9 | 1230.4 | 1230.2 | 1230.0 | 1229.7 | 1229.5 | 1231.1 | 1232.7 | 1234.4 | 1236.1 | 1236.2 |
| 172.5° | 1238.5 | 1238.0 | 1237.8 | 1237.5 | 1237.3 | 1237.1 | 1238.8 | 1240.4 | 1242.0 | 1243.7 | 1243.7 |
| 175°   | 1247.8 | 1247.2 | 1246.8 | 1246.3 | 1245.8 | 1245.3 | 1247.0 | 1248.6 | 1250.3 | 1251.9 | 1252.1 |
| 177.5° | 1252.1 | 1251.7 | 1251.3 | 1250.9 | 1250.6 | 1250.2 | 1251.3 | 1252.5 | 1253.6 | 1254.7 | 1254.7 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 511.8 | 512.1 | 511.7 | 511.9 | 511.7 | 512.1 | 511.8 | 513.5 | 513.7 | 514.0 | 513.7 |
| 5°     | 476.9 | 474.7 | 474.3 | 473.8 | 474.3 | 474.7 | 476.9 | 477.8 | 478.6 | 480.0 | 482.7 |
| 7.5°   | 435.2 | 434.9 | 433.9 | 432.6 | 433.9 | 434.9 | 435.2 | 438.4 | 440.9 | 443.8 | 449.1 |
| 10°    | 408.4 | 407.4 | 407.2 | 405.9 | 407.2 | 407.4 | 408.4 | 412.5 | 415.4 | 419.5 | 426.7 |
| 12.5°  | 376.9 | 371.0 | 370.4 | 367.1 | 370.4 | 371.0 | 376.9 | 382.2 | 390.2 | 394.1 | 401.8 |
| 15°    | 321.0 | 319.8 | 316.1 | 313.7 | 316.1 | 319.8 | 321.0 | 325.4 | 328.3 | 339.1 | 351.5 |
| 17.5°  | 288.9 | 285.3 | 284.1 | 283.6 | 284.1 | 285.3 | 288.9 | 291.1 | 295.3 | 301.0 | 308.4 |
| 20°    | 268.3 | 265.1 | 264.5 | 264.1 | 264.5 | 265.1 | 268.3 | 270.9 | 274.3 | 280.4 | 288.1 |
| 22.5°  | 254.1 | 250.6 | 249.2 | 248.1 | 249.2 | 250.6 | 254.1 | 256.1 | 259.2 | 263.9 | 269.2 |
| 25°    | 229.8 | 228.5 | 227.8 | 227.4 | 227.8 | 228.5 | 229.8 | 231.7 | 234.6 | 241.2 | 246.7 |
| 27.5°  | 210.8 | 208.0 | 207.4 | 206.4 | 207.4 | 208.0 | 210.8 | 214.1 | 217.2 | 220.1 | 225.1 |
| 30°    | 200.0 | 199.1 | 197.8 | 196.7 | 197.8 | 199.1 | 200.0 | 201.7 | 203.7 | 208.7 | 213.5 |
| 32.5°  | 187.3 | 186.5 | 185.3 | 184.8 | 185.3 | 186.5 | 187.3 | 189.6 | 193.8 | 196.9 | 200.3 |
| 35°    | 173.2 | 170.6 | 169.4 | 167.8 | 169.4 | 170.6 | 173.2 | 175.0 | 176.7 | 179.3 | 185.6 |
| 37.5°  | 158.2 | 156.9 | 155.3 | 155.9 | 155.3 | 156.9 | 158.2 | 159.0 | 162.5 | 166.2 | 168.8 |
| 40°    | 146.7 | 145.8 | 145.4 | 145.2 | 145.4 | 145.8 | 146.7 | 149.1 | 153.4 | 155.0 | 159.1 |
| 42.5°  | 137.5 | 134.9 | 134.0 | 134.0 | 134.0 | 134.9 | 137.5 | 140.2 | 142.8 | 145.5 | 149.8 |
| 45°    | 123.5 | 121.2 | 119.4 | 119.6 | 119.4 | 121.2 | 123.5 | 124.4 | 126.7 | 132.1 | 134.4 |
| 47.5°  | 109.3 | 109.2 | 108.1 | 108.4 | 108.1 | 109.2 | 109.3 | 110.8 | 113.7 | 117.0 | 120.8 |
| 50°    | 102.4 | 101.3 | 100.5 | 100.8 | 100.5 | 101.3 | 102.4 | 103.7 | 105.3 | 107.0 | 113.0 |
| 52.5°  | 95.9  | 94.9  | 94.3  | 95.1  | 94.3  | 94.9  | 95.9  | 96.6  | 97.8  | 99.5  | 103.5 |
| 55°    | 85.2  | 84.1  | 83.9  | 83.7  | 83.9  | 84.1  | 85.2  | 86.1  | 87.6  | 88.9  | 90.7  |
| 57.5°  | 73.2  | 72.5  | 71.3  | 70.9  | 71.3  | 72.5  | 73.2  | 74.6  | 76.4  | 78.1  | 80.0  |
| 60°    | 64.7  | 63.2  | 61.3  | 61.1  | 61.3  | 63.2  | 64.7  | 67.0  | 67.8  | 70.4  | 72.6  |
| 62.5°  | 56.7  | 56.5  | 56.1  | 56.1  | 56.1  | 56.5  | 56.7  | 57.6  | 58.6  | 62.4  | 65.1  |
| 65°    | 49.8  | 49.7  | 49.8  | 50.0  | 49.8  | 49.7  | 49.8  | 50.2  | 50.4  | 50.7  | 51.9  |
| 67.5°  | 43.4  | 43.0  | 42.7  | 42.9  | 42.7  | 43.0  | 43.4  | 43.5  | 44.0  | 44.2  | 45.0  |
| 70°    | 38.5  | 38.3  | 38.2  | 38.2  | 38.2  | 38.3  | 38.5  | 38.9  | 39.3  | 39.6  | 40.5  |
| 72.5°  | 33.8  | 33.8  | 33.6  | 33.4  | 33.6  | 33.8  | 33.8  | 34.5  | 34.7  | 35.1  | 35.6  |
| 75°    | 27.1  | 26.7  | 26.7  | 26.7  | 26.7  | 26.7  | 27.1  | 27.2  | 27.4  | 28.0  | 28.4  |
| 77.5°  | 20.6  | 20.4  | 20.2  | 20.1  | 20.2  | 20.4  | 20.6  | 20.6  | 21.0  | 21.0  | 21.4  |
| 80°    | 16.3  | 16.1  | 15.9  | 15.9  | 15.9  | 16.1  | 16.3  | 16.5  | 16.5  | 17.0  | 16.9  |
| 82.5°  | 12.5  | 12.2  | 12.2  | 12.1  | 12.2  | 12.2  | 12.5  | 12.5  | 12.5  | 12.9  | 12.9  |
| 85°    | 6.7   | 6.8   | 6.7   | 7.0   | 6.7   | 6.8   | 6.7   | 6.5   | 6.7   | 7.0   | 7.0   |
| 87.5°  | 9.0   | 8.9   | 9.0   | 9.0   | 9.0   | 8.9   | 9.0   | 8.9   | 9.1   | 9.2   | 9.3   |
| 90°    | 35.2  | 35.5  | 35.7  | 36.0  | 35.7  | 35.5  | 35.2  | 35.0  | 35.1  | 35.6  | 36.0  |
| 92.5°  | 34.1  | 34.2  | 34.2  | 34.2  | 34.2  | 34.2  | 34.1  | 34.1  | 34.0  | 33.9  | 33.8  |
| 95°    | 66.9  | 66.4  | 66.0  | 65.6  | 66.0  | 66.4  | 66.9  | 67.4  | 67.7  | 67.7  | 67.7  |
| 97.5°  | 113.7 | 113.7 | 113.6 | 113.6 | 113.6 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 |
| 100°   | 145.5 | 145.3 | 145.0 | 144.8 | 145.0 | 145.3 | 145.5 | 145.8 | 145.9 | 145.9 | 145.9 |
| 102.5° | 181.1 | 180.8 | 180.6 | 180.3 | 180.6 | 180.8 | 181.1 | 181.3 | 181.3 | 181.2 | 180.9 |
| 105°   | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 | 234.5 | 234.0 | 233.5 |
| 107.5° | 289.1 | 288.0 | 286.9 | 285.8 | 286.9 | 288.0 | 289.1 | 290.2 | 290.7 | 290.4 | 290.2 |
| 110°   | 327.8 | 327.0 | 326.3 | 325.6 | 326.3 | 327.0 | 327.8 | 328.4 | 328.8 | 328.8 | 328.8 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 365.2  | 364.7  | 364.2  | 363.6  | 364.2  | 364.7  | 365.2  | 365.7  | 366.2  | 366.8  | 367.4  |
| 115°   | 425.0  | 424.3  | 423.5  | 422.9  | 423.5  | 424.3  | 425.0  | 425.7  | 426.2  | 426.4  | 426.6  |
| 117.5° | 481.4  | 480.7  | 480.0  | 479.3  | 480.0  | 480.7  | 481.4  | 482.2  | 482.7  | 483.3  | 483.9  |
| 120°   | 521.1  | 520.5  | 519.8  | 519.1  | 519.8  | 520.5  | 521.1  | 521.9  | 522.2  | 522.2  | 522.2  |
| 122.5° | 559.5  | 559.0  | 558.5  | 558.0  | 558.5  | 559.0  | 559.5  | 560.0  | 560.6  | 561.2  | 561.7  |
| 125°   | 618.1  | 617.8  | 617.6  | 617.3  | 617.6  | 617.8  | 618.1  | 618.3  | 618.8  | 619.5  | 620.2  |
| 127.5° | 673.8  | 673.0  | 672.3  | 671.5  | 672.3  | 673.0  | 673.8  | 674.5  | 675.3  | 676.1  | 677.0  |
| 130°   | 713.2  | 712.3  | 711.3  | 710.4  | 711.3  | 712.3  | 713.2  | 714.2  | 714.9  | 715.3  | 715.8  |
| 132.5° | 749.9  | 749.1  | 748.4  | 747.6  | 748.4  | 749.1  | 749.9  | 750.6  | 751.5  | 752.5  | 753.6  |
| 135°   | 807.6  | 807.0  | 806.2  | 805.5  | 806.2  | 807.0  | 807.6  | 808.4  | 808.9  | 809.1  | 809.3  |
| 137.5° | 860.8  | 859.9  | 858.9  | 858.0  | 858.9  | 859.9  | 860.8  | 861.8  | 862.3  | 862.5  | 862.7  |
| 140°   | 897.2  | 896.3  | 895.3  | 894.4  | 895.3  | 896.3  | 897.2  | 898.1  | 898.5  | 898.5  | 898.5  |
| 142.5° | 930.2  | 929.2  | 928.3  | 927.3  | 928.3  | 929.2  | 930.2  | 931.1  | 931.5  | 931.3  | 931.1  |
| 145°   | 979.7  | 978.7  | 977.8  | 976.8  | 977.8  | 978.7  | 979.7  | 980.6  | 980.9  | 980.7  | 980.5  |
| 147.5° | 1023.7 | 1022.8 | 1021.9 | 1021.0 | 1021.9 | 1022.8 | 1023.7 | 1024.6 | 1024.7 | 1024.3 | 1023.7 |
| 150°   | 1051.9 | 1051.2 | 1050.4 | 1049.8 | 1050.4 | 1051.2 | 1051.9 | 1052.6 | 1052.6 | 1051.9 | 1051.2 |
| 152.5° | 1079.5 | 1078.6 | 1077.7 | 1076.8 | 1077.7 | 1078.6 | 1079.5 | 1080.4 | 1080.4 | 1079.5 | 1078.6 |
| 155°   | 1115.3 | 1114.6 | 1113.9 | 1113.2 | 1113.9 | 1114.6 | 1115.3 | 1116.0 | 1115.7 | 1114.6 | 1113.5 |
| 157.5° | 1147.9 | 1146.7 | 1145.6 | 1144.4 | 1145.6 | 1146.7 | 1147.9 | 1149.0 | 1148.8 | 1147.1 | 1145.6 |
| 160°   | 1166.8 | 1165.8 | 1164.9 | 1163.9 | 1164.9 | 1165.8 | 1166.8 | 1167.7 | 1167.4 | 1166.0 | 1164.7 |
| 162.5° | 1184.2 | 1183.1 | 1181.9 | 1180.9 | 1181.9 | 1183.1 | 1184.2 | 1185.4 | 1185.1 | 1183.5 | 1181.9 |
| 165°   | 1206.6 | 1205.4 | 1204.2 | 1203.1 | 1204.2 | 1205.4 | 1206.6 | 1207.7 | 1207.5 | 1205.8 | 1204.2 |
| 167.5° | 1224.9 | 1223.7 | 1222.5 | 1221.2 | 1222.5 | 1223.7 | 1224.9 | 1226.1 | 1225.9 | 1224.3 | 1222.6 |
| 170°   | 1234.8 | 1233.4 | 1231.9 | 1230.5 | 1231.9 | 1233.4 | 1234.8 | 1236.2 | 1236.1 | 1234.4 | 1232.7 |
| 172.5° | 1242.4 | 1241.0 | 1239.6 | 1238.1 | 1239.6 | 1241.0 | 1242.4 | 1243.7 | 1243.7 | 1242.0 | 1240.4 |
| 175°   | 1250.6 | 1249.2 | 1247.8 | 1246.3 | 1247.8 | 1249.2 | 1250.6 | 1252.1 | 1251.9 | 1250.3 | 1248.6 |
| 177.5° | 1253.6 | 1252.5 | 1251.3 | 1250.2 | 1251.3 | 1252.5 | 1253.6 | 1254.7 | 1254.7 | 1253.6 | 1252.5 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 512.6 | 514.6 | 517.7 | 519.5 | 522.4 | 524.4 | 525.5 | 527.3 | 528.4 | 532.1 | 536.0 |
| 5°     | 483.9 | 486.9 | 492.0 | 496.8 | 502.1 | 507.4 | 511.4 | 515.8 | 519.8 | 526.8 | 534.3 |
| 7.5°   | 451.1 | 455.2 | 463.3 | 470.9 | 480.0 | 487.5 | 494.2 | 501.8 | 508.6 | 518.7 | 529.2 |
| 10°    | 426.5 | 433.7 | 444.3 | 451.5 | 463.3 | 470.9 | 481.5 | 489.8 | 499.3 | 512.7 | 524.5 |
| 12.5°  | 405.3 | 414.0 | 422.5 | 432.5 | 443.2 | 455.8 | 467.4 | 478.2 | 489.3 | 503.1 | 517.1 |
| 15°    | 366.9 | 379.4 | 392.6 | 402.8 | 417.3 | 430.6 | 444.1 | 458.5 | 472.2 | 488.8 | 506.9 |
| 17.5°  | 317.4 | 332.0 | 354.1 | 371.5 | 388.5 | 401.9 | 418.7 | 436.1 | 452.2 | 472.1 | 492.4 |
| 20°    | 295.1 | 305.7 | 320.7 | 344.3 | 369.8 | 384.1 | 401.1 | 420.4 | 438.9 | 460.6 | 482.2 |
| 22.5°  | 277.1 | 286.7 | 298.6 | 317.0 | 345.5 | 365.0 | 382.8 | 402.4 | 423.8 | 445.9 | 469.9 |
| 25°    | 251.5 | 258.1 | 270.8 | 285.6 | 305.2 | 337.2 | 356.7 | 376.3 | 399.7 | 423.4 | 450.8 |
| 27.5°  | 232.3 | 238.3 | 246.5 | 260.6 | 275.2 | 298.2 | 329.1 | 350.6 | 373.8 | 400.5 | 428.9 |
| 30°    | 217.6 | 224.6 | 233.7 | 243.7 | 259.7 | 277.6 | 308.5 | 333.4 | 356.3 | 383.8 | 414.1 |
| 32.5°  | 206.9 | 212.5 | 220.2 | 230.4 | 243.6 | 260.9 | 285.6 | 315.7 | 338.1 | 367.0 | 398.7 |
| 35°    | 189.5 | 195.9 | 202.2 | 211.9 | 222.6 | 238.3 | 257.1 | 289.3 | 311.5 | 340.0 | 371.9 |
| 37.5°  | 175.0 | 179.0 | 186.0 | 193.6 | 205.0 | 216.7 | 232.9 | 261.8 | 285.8 | 313.8 | 346.4 |
| 40°    | 164.1 | 169.1 | 174.2 | 182.8 | 192.1 | 203.3 | 219.2 | 240.8 | 268.3 | 295.8 | 327.6 |
| 42.5°  | 153.4 | 159.7 | 165.3 | 171.0 | 181.1 | 192.4 | 205.4 | 223.6 | 251.8 | 277.7 | 308.7 |
| 45°    | 140.6 | 144.6 | 150.3 | 156.7 | 165.0 | 174.6 | 186.1 | 202.0 | 229.1 | 251.5 | 280.5 |
| 47.5°  | 125.6 | 131.6 | 135.3 | 141.5 | 149.4 | 158.6 | 169.3 | 183.0 | 204.9 | 225.9 | 252.9 |
| 50°    | 115.4 | 121.5 | 126.9 | 132.4 | 139.4 | 148.3 | 157.3 | 170.6 | 188.2 | 210.2 | 235.4 |
| 52.5°  | 106.6 | 112.0 | 117.2 | 122.8 | 129.7 | 137.8 | 146.3 | 158.0 | 173.0 | 193.3 | 217.8 |
| 55°    | 94.7  | 98.0  | 103.4 | 108.9 | 115.0 | 122.8 | 130.9 | 140.7 | 153.7 | 170.7 | 190.5 |
| 57.5°  | 82.3  | 86.2  | 90.4  | 96.0  | 102.2 | 108.2 | 115.5 | 124.4 | 134.6 | 150.0 | 167.0 |
| 60°    | 75.4  | 78.4  | 81.9  | 87.6  | 93.4  | 98.7  | 105.7 | 113.2 | 122.8 | 136.2 | 150.6 |
| 62.5°  | 67.7  | 70.5  | 73.7  | 78.7  | 84.3  | 89.2  | 95.4  | 103.2 | 111.4 | 123.5 | 136.2 |
| 65°    | 54.8  | 58.9  | 62.0  | 66.4  | 71.1  | 76.3  | 81.1  | 87.4  | 94.7  | 104.3 | 115.5 |
| 67.5°  | 45.4  | 47.5  | 50.5  | 54.5  | 59.2  | 63.7  | 68.2  | 73.1  | 79.4  | 86.8  | 95.8  |
| 70°    | 41.3  | 42.1  | 42.6  | 46.5  | 51.0  | 55.4  | 59.6  | 64.2  | 69.6  | 75.7  | 83.5  |
| 72.5°  | 36.4  | 37.2  | 37.8  | 39.5  | 43.0  | 47.5  | 51.9  | 55.4  | 60.4  | 65.6  | 71.8  |
| 75°    | 28.9  | 30.0  | 30.6  | 31.5  | 32.8  | 35.7  | 39.8  | 43.1  | 46.1  | 50.0  | 55.0  |
| 77.5°  | 22.0  | 22.7  | 23.2  | 24.2  | 25.0  | 26.3  | 28.7  | 31.6  | 34.5  | 36.7  | 40.1  |
| 80°    | 17.4  | 17.6  | 18.3  | 18.7  | 19.8  | 20.7  | 21.9  | 24.3  | 27.1  | 28.0  | 30.4  |
| 82.5°  | 13.1  | 13.3  | 13.9  | 14.3  | 14.8  | 15.6  | 17.0  | 17.6  | 19.8  | 21.0  | 22.5  |
| 85°    | 7.3   | 7.0   | 7.6   | 7.6   | 8.0   | 8.3   | 8.7   | 9.6   | 10.2  | 11.7  | 12.1  |
| 87.5°  | 9.5   | 9.6   | 8.7   | 7.7   | 6.7   | 6.0   | 5.3   | 4.9   | 4.6   | 4.5   | 4.5   |
| 90°    | 36.5  | 37.0  | 31.8  | 26.7  | 21.5  | 16.3  | 12.3  | 9.5   | 6.7   | 3.9   | 1.1   |
| 92.5°  | 33.7  | 33.6  | 32.4  | 31.1  | 29.9  | 28.7  | 27.1  | 25.0  | 23.0  | 20.9  | 18.8  |
| 95°    | 67.7  | 67.7  | 67.2  | 66.7  | 66.3  | 65.8  | 64.4  | 62.0  | 59.7  | 57.3  | 55.0  |
| 97.5°  | 113.7 | 113.7 | 112.8 | 111.9 | 111.0 | 110.1 | 108.7 | 106.6 | 104.6 | 102.5 | 100.4 |
| 100°   | 145.9 | 145.9 | 145.2 | 144.5 | 143.7 | 143.1 | 141.8 | 139.9 | 138.0 | 136.2 | 134.3 |
| 102.5° | 180.8 | 180.6 | 179.7 | 178.8 | 177.9 | 177.0 | 175.8 | 174.3 | 172.8 | 171.3 | 169.7 |
| 105°   | 233.0 | 232.6 | 232.1 | 231.6 | 231.1 | 230.7 | 230.1 | 229.4 | 228.7 | 228.0 | 227.3 |
| 107.5° | 290.1 | 289.8 | 289.8 | 289.8 | 289.8 | 289.8 | 289.3 | 288.3 | 287.3 | 286.3 | 285.2 |
| 110°   | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.1 | 326.7 | 325.2 | 323.8 | 322.5 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 367.9  | 368.5  | 368.7  | 368.9  | 369.1  | 369.2  | 368.7  | 367.3  | 365.8  | 364.4  | 363.1  |
| 115°   | 426.9  | 427.1  | 427.5  | 428.0  | 428.5  | 428.9  | 428.5  | 427.1  | 425.7  | 424.3  | 422.9  |
| 117.5° | 484.5  | 485.0  | 486.3  | 487.6  | 488.9  | 490.3  | 490.0  | 488.1  | 486.2  | 484.4  | 482.5  |
| 120°   | 522.2  | 522.2  | 524.1  | 526.0  | 527.9  | 529.8  | 529.8  | 527.9  | 526.0  | 524.1  | 522.2  |
| 122.5° | 562.2  | 562.8  | 564.1  | 565.5  | 566.8  | 568.1  | 567.6  | 565.3  | 563.1  | 560.8  | 558.6  |
| 125°   | 620.9  | 621.6  | 622.3  | 623.1  | 623.7  | 624.4  | 623.7  | 621.6  | 619.5  | 617.3  | 615.2  |
| 127.5° | 677.8  | 678.7  | 679.6  | 680.4  | 681.3  | 682.1  | 681.2  | 678.5  | 675.8  | 673.1  | 670.4  |
| 130°   | 716.2  | 716.7  | 717.2  | 717.7  | 718.2  | 718.6  | 717.3  | 714.3  | 711.3  | 708.2  | 705.2  |
| 132.5° | 754.6  | 755.6  | 755.5  | 755.5  | 755.4  | 755.3  | 754.0  | 751.5  | 749.0  | 746.5  | 744.0  |
| 135°   | 809.5  | 809.8  | 809.3  | 808.9  | 808.4  | 807.9  | 806.4  | 803.8  | 801.2  | 798.6  | 796.1  |
| 137.5° | 862.9  | 863.1  | 862.4  | 861.9  | 861.2  | 860.6  | 859.2  | 857.1  | 855.0  | 852.9  | 850.8  |
| 140°   | 898.5  | 898.5  | 897.4  | 896.3  | 895.0  | 893.9  | 892.3  | 890.1  | 888.0  | 885.9  | 883.8  |
| 142.5° | 930.9  | 930.7  | 929.9  | 929.1  | 928.3  | 927.5  | 926.1  | 924.0  | 921.9  | 919.7  | 917.6  |
| 145°   | 980.2  | 980.0  | 978.6  | 977.1  | 975.8  | 974.4  | 972.8  | 971.2  | 969.6  | 967.9  | 966.2  |
| 147.5° | 1023.2 | 1022.7 | 1021.7 | 1020.8 | 1019.9 | 1019.0 | 1017.5 | 1015.5 | 1013.5 | 1011.5 | 1009.6 |
| 150°   | 1050.4 | 1049.8 | 1048.8 | 1047.9 | 1046.9 | 1046.0 | 1044.8 | 1043.4 | 1042.0 | 1040.6 | 1039.2 |
| 152.5° | 1077.7 | 1076.8 | 1075.7 | 1074.6 | 1073.4 | 1072.3 | 1071.1 | 1069.6 | 1068.2 | 1066.8 | 1065.4 |
| 155°   | 1112.2 | 1111.1 | 1110.4 | 1109.6 | 1109.0 | 1108.2 | 1107.6 | 1106.9 | 1106.1 | 1105.5 | 1104.7 |
| 157.5° | 1143.9 | 1142.4 | 1141.9 | 1141.5 | 1141.1 | 1140.7 | 1140.2 | 1139.8 | 1139.3 | 1138.8 | 1138.3 |
| 160°   | 1163.2 | 1161.8 | 1161.6 | 1161.3 | 1161.1 | 1160.9 | 1160.5 | 1160.1 | 1159.6 | 1159.1 | 1158.6 |
| 162.5° | 1180.3 | 1178.8 | 1178.5 | 1178.3 | 1178.0 | 1177.8 | 1177.6 | 1177.5 | 1177.5 | 1177.4 | 1177.2 |
| 165°   | 1202.6 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1201.0 | 1201.3 | 1201.5 | 1201.8 | 1202.0 |
| 167.5° | 1221.0 | 1219.3 | 1219.4 | 1219.4 | 1219.4 | 1219.5 | 1219.9 | 1220.6 | 1221.3 | 1222.0 | 1222.7 |
| 170°   | 1231.1 | 1229.5 | 1229.7 | 1230.0 | 1230.2 | 1230.4 | 1230.9 | 1231.6 | 1232.3 | 1233.0 | 1233.7 |
| 172.5° | 1238.8 | 1237.1 | 1237.3 | 1237.5 | 1237.8 | 1238.0 | 1238.5 | 1239.2 | 1239.9 | 1240.6 | 1241.3 |
| 175°   | 1247.0 | 1245.3 | 1245.8 | 1246.3 | 1246.8 | 1247.2 | 1247.8 | 1248.5 | 1249.2 | 1249.9 | 1250.6 |
| 177.5° | 1251.3 | 1250.2 | 1250.6 | 1250.9 | 1251.3 | 1251.7 | 1252.1 | 1252.7 | 1253.3 | 1253.8 | 1254.4 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 536.1 | 536.5 | 539.5 | 540.9 | 543.5 | 544.5 | 545.8 | 545.4 | 545.4 | 546.0 | 550.2 |
| 5°     | 537.3 | 541.0 | 546.5 | 551.9 | 557.1 | 561.5 | 564.5 | 567.4 | 568.6 | 573.9 | 578.7 |
| 7.5°   | 535.3 | 542.2 | 551.3 | 559.5 | 569.3 | 577.0 | 583.3 | 589.1 | 593.0 | 600.9 | 608.9 |
| 10°    | 532.8 | 542.4 | 552.8 | 563.4 | 576.9 | 587.1 | 597.5 | 605.4 | 608.0 | 619.6 | 626.3 |
| 12.5°  | 527.7 | 540.6 | 553.8 | 567.5 | 580.7 | 594.8 | 606.2 | 614.2 | 623.3 | 633.7 | 646.0 |
| 15°    | 520.2 | 535.0 | 552.3 | 569.8 | 588.7 | 605.8 | 618.0 | 631.9 | 641.9 | 653.4 | 664.1 |
| 17.5°  | 509.4 | 528.5 | 550.3 | 570.7 | 592.6 | 610.8 | 627.7 | 641.0 | 648.0 | 654.6 | 656.2 |
| 20°    | 500.8 | 521.3 | 547.1 | 571.1 | 593.0 | 614.1 | 630.8 | 641.9 | 643.8 | 643.9 | 634.1 |
| 22.5°  | 491.5 | 514.7 | 541.6 | 566.2 | 592.4 | 615.9 | 628.8 | 633.6 | 626.2 | 613.7 | 594.7 |
| 25°    | 474.3 | 501.2 | 532.5 | 560.6 | 589.1 | 611.3 | 615.8 | 607.5 | 581.7 | 554.6 | 520.4 |
| 27.5°  | 455.7 | 485.9 | 519.4 | 550.7 | 581.1 | 594.9 | 585.3 | 555.2 | 508.9 | 468.6 | 419.7 |
| 30°    | 442.1 | 476.0 | 508.9 | 543.9 | 572.1 | 578.0 | 556.0 | 511.7 | 457.6 | 396.9 | 348.1 |
| 32.5°  | 426.5 | 462.0 | 498.2 | 534.4 | 558.0 | 552.2 | 515.8 | 461.3 | 397.9 | 338.2 | 292.2 |
| 35°    | 404.3 | 440.9 | 480.0 | 516.3 | 531.3 | 506.3 | 451.8 | 380.9 | 316.1 | 260.4 | 228.7 |
| 37.5°  | 378.6 | 418.6 | 459.2 | 492.5 | 491.5 | 449.8 | 375.6 | 302.4 | 247.9 | 214.9 | 192.4 |
| 40°    | 360.4 | 400.8 | 444.7 | 472.8 | 460.8 | 406.5 | 326.1 | 257.1 | 217.2 | 190.9 | 174.5 |
| 42.5°  | 342.9 | 383.4 | 427.1 | 449.4 | 428.4 | 361.7 | 281.7 | 227.6 | 194.7 | 174.2 | 160.9 |
| 45°    | 313.2 | 356.0 | 396.3 | 408.7 | 371.3 | 297.8 | 227.8 | 188.5 | 166.6 | 151.5 | 142.3 |
| 47.5°  | 284.1 | 326.2 | 363.1 | 363.2 | 312.7 | 241.5 | 192.2 | 163.1 | 144.5 | 132.7 | 126.0 |
| 50°    | 266.3 | 306.3 | 337.2 | 332.4 | 275.0 | 214.8 | 171.9 | 146.8 | 131.3 | 122.2 | 115.2 |
| 52.5°  | 246.3 | 285.1 | 311.9 | 298.2 | 243.1 | 189.1 | 153.6 | 132.6 | 119.8 | 111.9 | 105.6 |
| 55°    | 217.2 | 251.7 | 270.6 | 249.8 | 198.4 | 157.3 | 129.8 | 113.3 | 103.7 | 97.0  | 91.6  |
| 57.5°  | 188.7 | 217.1 | 228.9 | 204.8 | 163.4 | 130.4 | 109.8 | 97.4  | 87.9  | 83.1  | 80.3  |
| 60°    | 170.7 | 195.0 | 203.3 | 176.7 | 142.0 | 114.1 | 97.3  | 85.8  | 78.7  | 75.6  | 72.8  |
| 62.5°  | 153.1 | 172.9 | 176.3 | 152.0 | 123.8 | 99.9  | 85.4  | 75.7  | 71.0  | 68.0  | 65.4  |
| 65°    | 127.0 | 141.3 | 139.7 | 120.0 | 98.0  | 79.2  | 68.7  | 62.8  | 59.3  | 55.0  | 50.4  |
| 67.5°  | 104.6 | 113.3 | 108.0 | 93.4  | 74.8  | 61.6  | 54.7  | 50.2  | 45.8  | 41.8  | 40.8  |
| 70°    | 90.3  | 95.4  | 89.8  | 76.3  | 61.3  | 51.7  | 46.1  | 40.8  | 38.2  | 37.3  | 35.5  |
| 72.5°  | 76.7  | 78.5  | 72.5  | 60.9  | 49.9  | 42.8  | 37.3  | 34.4  | 32.9  | 32.2  | 31.1  |
| 75°    | 57.6  | 56.3  | 51.1  | 42.1  | 34.7  | 29.8  | 28.1  | 27.1  | 26.1  | 25.4  | 24.8  |
| 77.5°  | 40.4  | 38.6  | 33.9  | 28.0  | 24.1  | 21.9  | 20.8  | 20.2  | 19.8  | 19.4  | 18.8  |
| 80°    | 30.4  | 29.1  | 24.5  | 20.0  | 18.3  | 17.2  | 16.6  | 15.9  | 15.9  | 15.6  | 15.0  |
| 82.5°  | 22.3  | 20.8  | 16.7  | 14.7  | 13.8  | 13.0  | 12.6  | 12.2  | 12.1  | 12.1  | 11.7  |
| 85°    | 11.7  | 9.5   | 8.3   | 8.0   | 7.4   | 7.0   | 7.3   | 6.8   | 6.8   | 6.8   | 6.7   |
| 87.5°  | 4.3   | 4.2   | 4.6   | 5.0   | 6.0   | 6.9   | 7.8   | 8.9   | 10.0  | 9.9   | 9.9   |
| 90°    | 3.9   | 6.7   | 9.5   | 12.3  | 16.3  | 21.5  | 26.7  | 31.8  | 37.0  | 36.5  | 36.0  |
| 92.5°  | 20.9  | 23.0  | 25.0  | 27.1  | 28.7  | 29.9  | 31.1  | 32.4  | 33.6  | 33.7  | 33.8  |
| 95°    | 57.3  | 59.7  | 62.0  | 64.4  | 65.8  | 66.3  | 66.7  | 67.2  | 67.7  | 67.7  | 67.7  |
| 97.5°  | 102.5 | 104.6 | 106.6 | 108.7 | 110.1 | 111.0 | 111.9 | 112.8 | 113.7 | 113.7 | 113.7 |
| 100°   | 136.2 | 138.0 | 139.9 | 141.8 | 143.1 | 143.7 | 144.5 | 145.2 | 145.9 | 145.9 | 145.9 |
| 102.5° | 171.3 | 172.8 | 174.3 | 175.8 | 177.0 | 177.9 | 178.8 | 179.7 | 180.6 | 180.8 | 180.9 |
| 105°   | 228.0 | 228.7 | 229.4 | 230.1 | 230.7 | 231.1 | 231.6 | 232.1 | 232.6 | 233.0 | 233.5 |
| 107.5° | 286.3 | 287.3 | 288.3 | 289.3 | 289.8 | 289.8 | 289.8 | 289.8 | 289.8 | 290.1 | 290.2 |
| 110°   | 323.8 | 325.2 | 326.7 | 328.1 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 | 328.8 |





TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 364.4  | 365.8  | 367.3  | 368.7  | 369.2  | 369.1  | 368.9  | 368.7  | 368.5  | 367.9  | 367.4  |
| 115°   | 424.3  | 425.7  | 427.1  | 428.5  | 428.9  | 428.5  | 428.0  | 427.5  | 427.1  | 426.9  | 426.6  |
| 117.5° | 484.4  | 486.2  | 488.1  | 490.0  | 490.3  | 488.9  | 487.6  | 486.3  | 485.0  | 484.5  | 483.9  |
| 120°   | 524.1  | 526.0  | 527.9  | 529.8  | 529.8  | 527.9  | 526.0  | 524.1  | 522.2  | 522.2  | 522.2  |
| 122.5° | 560.8  | 563.1  | 565.3  | 567.6  | 568.1  | 566.8  | 565.5  | 564.1  | 562.8  | 562.2  | 561.7  |
| 125°   | 617.3  | 619.5  | 621.6  | 623.7  | 624.4  | 623.7  | 623.1  | 622.3  | 621.6  | 620.9  | 620.2  |
| 127.5° | 673.1  | 675.8  | 678.5  | 681.2  | 682.1  | 681.3  | 680.4  | 679.6  | 678.7  | 677.8  | 677.0  |
| 130°   | 708.2  | 711.3  | 714.3  | 717.3  | 718.6  | 718.2  | 717.7  | 717.2  | 716.7  | 716.2  | 715.8  |
| 132.5° | 746.5  | 749.0  | 751.5  | 754.0  | 755.3  | 755.4  | 755.5  | 755.5  | 755.6  | 754.6  | 753.6  |
| 135°   | 798.6  | 801.2  | 803.8  | 806.4  | 807.9  | 808.4  | 808.9  | 809.3  | 809.8  | 809.5  | 809.3  |
| 137.5° | 852.9  | 855.0  | 857.1  | 859.2  | 860.6  | 861.2  | 861.9  | 862.4  | 863.1  | 862.9  | 862.7  |
| 140°   | 885.9  | 888.0  | 890.1  | 892.3  | 893.9  | 895.0  | 896.3  | 897.4  | 898.5  | 898.5  | 898.5  |
| 142.5° | 919.7  | 921.9  | 924.0  | 926.1  | 927.5  | 928.3  | 929.1  | 929.9  | 930.7  | 930.9  | 931.1  |
| 145°   | 967.9  | 969.6  | 971.2  | 972.8  | 974.4  | 975.8  | 977.1  | 978.6  | 980.0  | 980.2  | 980.5  |
| 147.5° | 1011.5 | 1013.5 | 1015.5 | 1017.5 | 1019.0 | 1019.9 | 1020.8 | 1021.7 | 1022.7 | 1023.2 | 1023.7 |
| 150°   | 1040.6 | 1042.0 | 1043.4 | 1044.8 | 1046.0 | 1046.9 | 1047.9 | 1048.8 | 1049.8 | 1050.4 | 1051.2 |
| 152.5° | 1066.8 | 1068.2 | 1069.6 | 1071.1 | 1072.3 | 1073.4 | 1074.6 | 1075.7 | 1076.8 | 1077.7 | 1078.6 |
| 155°   | 1105.5 | 1106.1 | 1106.9 | 1107.6 | 1108.2 | 1109.0 | 1109.6 | 1110.4 | 1111.1 | 1112.2 | 1113.5 |
| 157.5° | 1138.8 | 1139.3 | 1139.8 | 1140.2 | 1140.7 | 1141.1 | 1141.5 | 1141.9 | 1142.4 | 1143.9 | 1145.6 |
| 160°   | 1159.1 | 1159.6 | 1160.1 | 1160.5 | 1160.9 | 1161.1 | 1161.3 | 1161.6 | 1161.8 | 1163.2 | 1164.7 |
| 162.5° | 1177.4 | 1177.5 | 1177.5 | 1177.6 | 1177.8 | 1178.0 | 1178.3 | 1178.5 | 1178.8 | 1180.3 | 1181.9 |
| 165°   | 1201.8 | 1201.5 | 1201.3 | 1201.0 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1200.9 | 1202.6 | 1204.2 |
| 167.5° | 1222.0 | 1221.3 | 1220.6 | 1219.9 | 1219.5 | 1219.4 | 1219.4 | 1219.4 | 1219.3 | 1221.0 | 1222.6 |
| 170°   | 1233.0 | 1232.3 | 1231.6 | 1230.9 | 1230.4 | 1230.2 | 1230.0 | 1229.7 | 1229.5 | 1231.1 | 1232.7 |
| 172.5° | 1240.6 | 1239.9 | 1239.2 | 1238.5 | 1238.0 | 1237.8 | 1237.5 | 1237.3 | 1237.1 | 1238.8 | 1240.4 |
| 175°   | 1249.9 | 1249.2 | 1248.5 | 1247.8 | 1247.2 | 1246.8 | 1246.3 | 1245.8 | 1245.3 | 1247.0 | 1248.6 |
| 177.5° | 1253.8 | 1253.3 | 1252.7 | 1252.1 | 1251.7 | 1251.3 | 1250.9 | 1250.6 | 1250.2 | 1251.3 | 1252.5 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 | 533.0 |
| 2.5°   | 551.6 | 553.6 | 554.5 | 554.5 | 555.5 | 555.1 | 554.6 |
| 5°     | 583.3 | 586.9 | 587.7 | 590.9 | 593.4 | 592.6 | 593.0 |
| 7.5°   | 614.9 | 620.5 | 626.1 | 628.7 | 629.1 | 630.6 | 631.1 |
| 10°    | 634.3 | 639.0 | 647.6 | 646.4 | 652.8 | 656.6 | 650.4 |
| 12.5°  | 653.0 | 659.3 | 665.3 | 666.9 | 670.6 | 671.8 | 669.4 |
| 15°    | 669.8 | 673.2 | 673.5 | 672.6 | 673.8 | 672.8 | 669.3 |
| 17.5°  | 654.1 | 648.7 | 637.7 | 632.5 | 628.4 | 622.3 | 619.9 |
| 20°    | 628.0 | 612.0 | 593.5 | 586.1 | 577.5 | 560.4 | 564.5 |
| 22.5°  | 571.7 | 553.6 | 535.0 | 513.4 | 503.0 | 486.9 | 485.9 |
| 25°    | 484.1 | 452.8 | 418.3 | 394.3 | 380.2 | 364.1 | 357.0 |
| 27.5°  | 376.4 | 337.0 | 308.8 | 294.5 | 281.4 | 268.7 | 268.2 |
| 30°    | 305.6 | 276.0 | 254.1 | 241.9 | 233.9 | 228.5 | 229.7 |
| 32.5°  | 257.6 | 237.3 | 222.5 | 212.4 | 206.5 | 202.4 | 202.4 |
| 35°    | 210.6 | 196.7 | 187.2 | 183.0 | 178.7 | 175.8 | 175.9 |
| 37.5°  | 180.2 | 171.9 | 166.6 | 161.9 | 159.2 | 157.8 | 156.9 |
| 40°    | 164.6 | 157.8 | 153.7 | 150.9 | 148.7 | 146.7 | 146.3 |
| 42.5°  | 152.4 | 146.7 | 142.6 | 140.4 | 138.4 | 136.9 | 136.6 |
| 45°    | 135.2 | 130.5 | 126.9 | 124.4 | 123.5 | 122.2 | 122.2 |
| 47.5°  | 120.3 | 115.7 | 112.8 | 111.3 | 109.7 | 108.8 | 108.8 |
| 50°    | 110.2 | 106.6 | 104.1 | 103.1 | 101.8 | 101.3 | 101.1 |
| 52.5°  | 101.2 | 98.5  | 96.7  | 96.0  | 95.5  | 94.8  | 94.9  |
| 55°    | 88.9  | 87.4  | 86.7  | 86.1  | 85.2  | 84.1  | 84.8  |
| 57.5°  | 78.6  | 77.3  | 75.3  | 73.5  | 72.7  | 71.9  | 72.2  |
| 60°    | 71.3  | 68.7  | 66.1  | 64.1  | 63.5  | 61.9  | 61.9  |
| 62.5°  | 62.1  | 58.5  | 55.3  | 54.1  | 53.6  | 52.8  | 52.7  |
| 65°    | 47.8  | 46.3  | 45.6  | 44.8  | 44.4  | 44.4  | 44.1  |
| 67.5°  | 39.6  | 39.0  | 38.2  | 38.0  | 37.7  | 37.5  | 37.4  |
| 70°    | 35.0  | 34.2  | 33.9  | 33.7  | 33.3  | 33.5  | 32.9  |
| 72.5°  | 30.6  | 30.0  | 29.9  | 29.4  | 29.2  | 29.2  | 28.8  |
| 75°    | 24.1  | 24.1  | 23.9  | 23.7  | 23.3  | 23.2  | 23.3  |
| 77.5°  | 18.5  | 18.6  | 18.3  | 18.2  | 18.2  | 18.2  | 18.0  |
| 80°    | 14.8  | 15.0  | 14.8  | 14.6  | 14.4  | 14.6  | 14.4  |
| 82.5°  | 11.7  | 11.4  | 11.4  | 11.3  | 11.3  | 11.3  | 11.2  |
| 85°    | 6.7   | 6.8   | 6.7   | 6.5   | 6.5   | 6.5   | 6.7   |
| 87.5°  | 9.6   | 9.5   | 9.5   | 9.5   | 9.6   | 9.6   | 9.5   |
| 90°    | 35.6  | 35.1  | 35.0  | 35.2  | 35.5  | 35.7  | 36.0  |
| 92.5°  | 33.9  | 34.0  | 34.1  | 34.1  | 34.2  | 34.2  | 34.2  |
| 95°    | 67.7  | 67.7  | 67.4  | 66.9  | 66.4  | 66.0  | 65.6  |
| 97.5°  | 113.7 | 113.7 | 113.7 | 113.7 | 113.7 | 113.6 | 113.6 |
| 100°   | 145.9 | 145.9 | 145.8 | 145.5 | 145.3 | 145.0 | 144.8 |
| 102.5° | 181.2 | 181.3 | 181.3 | 181.1 | 180.8 | 180.6 | 180.3 |
| 105°   | 234.0 | 234.5 | 234.7 | 234.7 | 234.7 | 234.7 | 234.7 |
| 107.5° | 290.4 | 290.7 | 290.2 | 289.1 | 288.0 | 286.9 | 285.8 |
| 110°   | 328.8 | 328.8 | 328.4 | 327.8 | 327.0 | 326.3 | 325.6 |



TEST NUMBER: P331778-930

CATALOG NUMBER: S122RDIW-S290D1240U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 366.8  | 366.2  | 365.7  | 365.2  | 364.7  | 364.2  | 363.6  |
| 115°   | 426.4  | 426.2  | 425.7  | 425.0  | 424.3  | 423.5  | 422.9  |
| 117.5° | 483.3  | 482.7  | 482.2  | 481.4  | 480.7  | 480.0  | 479.3  |
| 120°   | 522.2  | 522.2  | 521.9  | 521.1  | 520.5  | 519.8  | 519.1  |
| 122.5° | 561.2  | 560.6  | 560.0  | 559.5  | 559.0  | 558.5  | 558.0  |
| 125°   | 619.5  | 618.8  | 618.3  | 618.1  | 617.8  | 617.6  | 617.3  |
| 127.5° | 676.1  | 675.3  | 674.5  | 673.8  | 673.0  | 672.3  | 671.5  |
| 130°   | 715.3  | 714.9  | 714.2  | 713.2  | 712.3  | 711.3  | 710.4  |
| 132.5° | 752.5  | 751.5  | 750.6  | 749.9  | 749.1  | 748.4  | 747.6  |
| 135°   | 809.1  | 808.9  | 808.4  | 807.6  | 807.0  | 806.2  | 805.5  |
| 137.5° | 862.5  | 862.3  | 861.8  | 860.8  | 859.9  | 858.9  | 858.0  |
| 140°   | 898.5  | 898.5  | 898.1  | 897.2  | 896.3  | 895.3  | 894.4  |
| 142.5° | 931.3  | 931.5  | 931.1  | 930.2  | 929.2  | 928.3  | 927.3  |
| 145°   | 980.7  | 980.9  | 980.6  | 979.7  | 978.7  | 977.8  | 976.8  |
| 147.5° | 1024.3 | 1024.7 | 1024.6 | 1023.7 | 1022.8 | 1021.9 | 1021.0 |
| 150°   | 1051.9 | 1052.6 | 1052.6 | 1051.9 | 1051.2 | 1050.4 | 1049.8 |
| 152.5° | 1079.5 | 1080.4 | 1080.4 | 1079.5 | 1078.6 | 1077.7 | 1076.8 |
| 155°   | 1114.6 | 1115.7 | 1116.0 | 1115.3 | 1114.6 | 1113.9 | 1113.2 |
| 157.5° | 1147.1 | 1148.8 | 1149.0 | 1147.9 | 1146.7 | 1145.6 | 1144.4 |
| 160°   | 1166.0 | 1167.4 | 1167.7 | 1166.8 | 1165.8 | 1164.9 | 1163.9 |
| 162.5° | 1183.5 | 1185.1 | 1185.4 | 1184.2 | 1183.1 | 1181.9 | 1180.9 |
| 165°   | 1205.8 | 1207.5 | 1207.7 | 1206.6 | 1205.4 | 1204.2 | 1203.1 |
| 167.5° | 1224.3 | 1225.9 | 1226.1 | 1224.9 | 1223.7 | 1222.5 | 1221.2 |
| 170°   | 1234.4 | 1236.1 | 1236.2 | 1234.8 | 1233.4 | 1231.9 | 1230.5 |
| 172.5° | 1242.0 | 1243.7 | 1243.7 | 1242.4 | 1241.0 | 1239.6 | 1238.1 |
| 175°   | 1250.3 | 1251.9 | 1252.1 | 1250.6 | 1249.2 | 1247.8 | 1246.3 |
| 177.5° | 1253.6 | 1254.7 | 1254.7 | 1253.6 | 1252.5 | 1251.3 | 1250.2 |
| 180°   | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 | 1252.7 |

(END OF REPORT)