

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: P331627-927

Luminaire Tested: **S122RDIP-S290D725U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331627-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-S290D725U927-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 725 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3192.0 lumens  
Efficiency: N/A  
Efficacy: 102.3 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

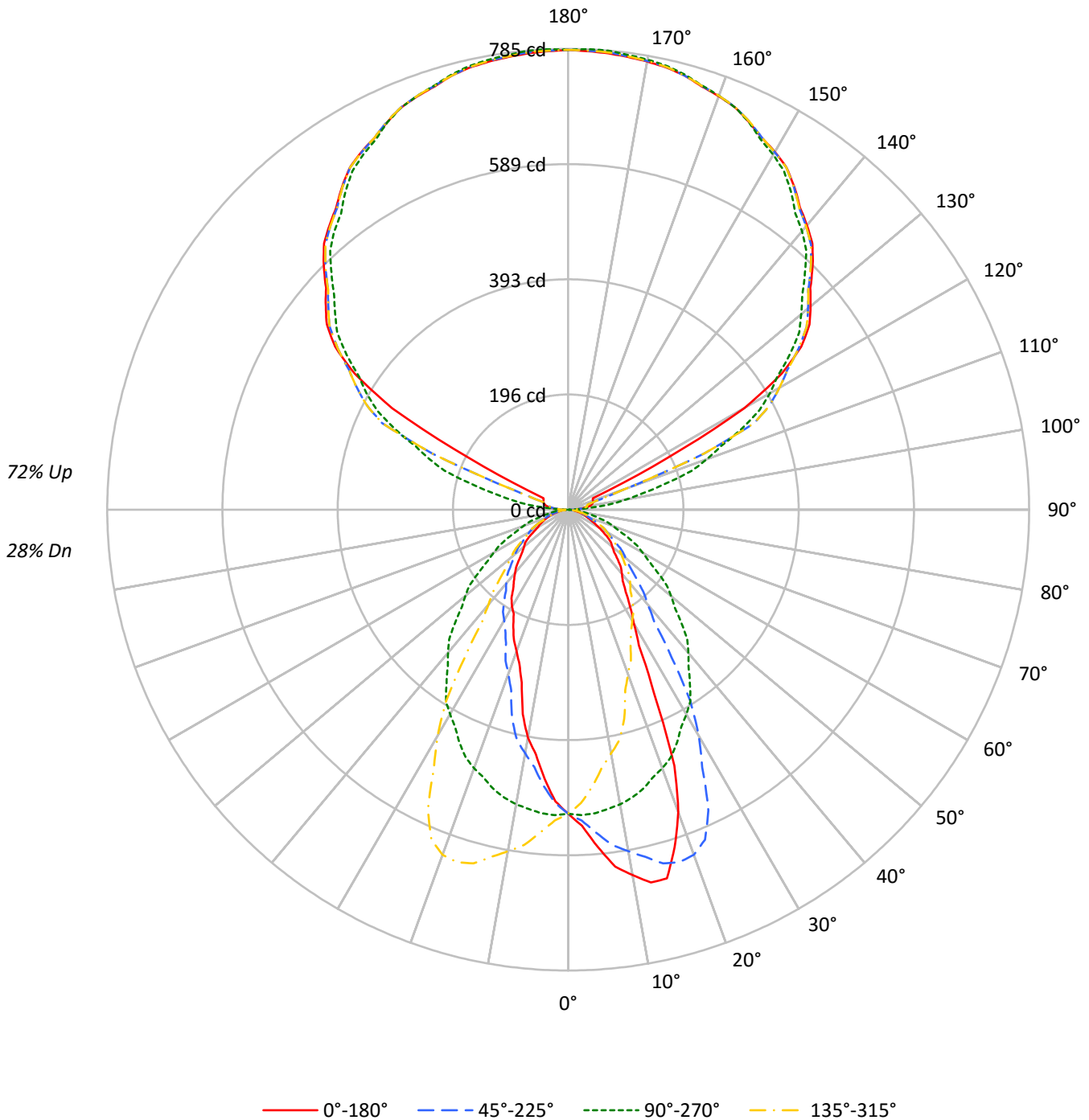
Input Watts (W): 31.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331627-927

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 53 | 53 | 53 | 36 | 36 | 36 | 28 |
| 1   | 93  | 89  | 86  | 82  | 83 | 80 | 77 | 74 | 63 | 61 | 59 | 47 | 46 | 45 | 32 | 32 | 31 | 24 |
| 2   | 85  | 78  | 73  | 68  | 76 | 70 | 66 | 62 | 56 | 52 | 50 | 42 | 40 | 38 | 29 | 28 | 27 | 21 |
| 3   | 78  | 69  | 63  | 57  | 70 | 62 | 57 | 52 | 49 | 45 | 42 | 37 | 35 | 33 | 26 | 25 | 23 | 19 |
| 4   | 72  | 62  | 54  | 49  | 64 | 56 | 49 | 44 | 44 | 40 | 36 | 34 | 31 | 28 | 24 | 22 | 21 | 16 |
| 5   | 66  | 55  | 47  | 42  | 59 | 50 | 43 | 38 | 40 | 35 | 32 | 30 | 27 | 25 | 22 | 20 | 18 | 15 |
| 6   | 61  | 49  | 42  | 36  | 54 | 45 | 38 | 33 | 36 | 31 | 28 | 28 | 24 | 22 | 20 | 18 | 16 | 13 |
| 7   | 56  | 45  | 37  | 32  | 50 | 40 | 34 | 29 | 33 | 28 | 24 | 25 | 22 | 20 | 18 | 16 | 15 | 12 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 30 | 25 | 22 | 23 | 20 | 18 | 17 | 15 | 13 | 11 |
| 9   | 48  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 27 | 23 | 20 | 21 | 18 | 16 | 16 | 14 | 12 | 10 |
| 10  | 45  | 34  | 27  | 23  | 41 | 31 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 14 | 15 | 13 | 11 | 9  |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 8360  | 8360 | 8360 | 8360 |
| 5°  | 9339  | 8413 | 7460 | 8413 |
| 10° | 10362 | 8355 | 6466 | 8355 |
| 15° | 10870 | 8232 | 5095 | 8232 |
| 20° | 9424  | 8052 | 4409 | 8052 |
| 25° | 6180  | 7803 | 3935 | 7803 |
| 30° | 4161  | 7500 | 3563 | 7500 |
| 35° | 3370  | 7121 | 3213 | 7121 |
| 40° | 2995  | 6709 | 2974 | 6709 |
| 45° | 2710  | 6224 | 2653 | 6224 |
| 50° | 2467  | 5745 | 2459 | 5745 |
| 55° | 2320  | 5210 | 2291 | 5210 |
| 60° | 1941  | 4724 | 1918 | 4724 |
| 65° | 1639  | 4290 | 1857 | 4290 |
| 70° | 1511  | 3829 | 1751 | 3829 |
| 75° | 1416  | 3337 | 1616 | 3337 |
| 80° | 1302  | 2743 | 1432 | 2743 |
| 85° | 1204  | 2167 | 1260 | 2167 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 49.1   | 1.5       |
| 10°-20°   | 136.8  | 4.3       |
| 20°-30°   | 176.3  | 5.5       |
| 30°-40°   | 167.5  | 5.2       |
| 40°-50°   | 143.5  | 4.5       |
| 50°-60°   | 109.3  | 3.4       |
| 60°-70°   | 69.1   | 2.2       |
| 70°-80°   | 34.5   | 1.1       |
| 80°-90°   | 10.9   | 0.3       |
| 90°-100°  | 26.1   | 0.8       |
| 100°-110° | 95.8   | 3.0       |
| 110°-120° | 256.1  | 8.0       |
| 120°-130° | 422.7  | 13.2      |
| 130°-140° | 449.6  | 14.1      |
| 140°-150° | 417.8  | 13.1      |
| 150°-160° | 335.9  | 10.5      |
| 160°-170° | 216.5  | 6.8       |
| 170°-180° | 74.5   | 2.3       |
| 0°-30°    | 362.2  | 11.3      |
| 0°-40°    | 529.7  | 16.6      |
| 0°-60°    | 782.5  | 24.5      |
| 0°-90°    | 896.9  | 28.1      |
| 90°-120°  | 378.0  | 11.8      |
| 90°-150°  | 1668.1 | 52.3      |
| 90°-180°  | 2295.0 | 71.9      |
| 0°-180°   | 3192.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 518 | 518 | 518  | 518  | 518  |      |
| 5°   | 576 | 519 | 460  | 519  | 576  | 57   |
| 15°  | 650 | 492 | 305  | 492  | 650  | 175  |
| 25°  | 347 | 438 | 221  | 438  | 347  | 165  |
| 35°  | 171 | 361 | 163  | 361  | 171  | 109  |
| 45°  | 119 | 273 | 116  | 273  | 119  | 92   |
| 55°  | 82  | 185 | 81   | 185  | 82   | 72   |
| 65°  | 43  | 112 | 49   | 112  | 43   | 44   |
| 75°  | 23  | 54  | 26   | 54   | 23   | 24   |
| 85°  | 6   | 12  | 7    | 12   | 6    | 7    |
| 90°  | 15  | 1   | 15   | 1    | 15   | 7    |
| 95°  | 24  | 37  | 24   | 37   | 24   | 23   |
| 105° | 43  | 172 | 43   | 172  | 43   | 45   |
| 115° | 46  | 326 | 46   | 326  | 46   | 116  |
| 125° | 484 | 461 | 484  | 461  | 484  | 419  |
| 135° | 589 | 570 | 589  | 570  | 589  | 454  |
| 145° | 672 | 661 | 672  | 661  | 672  | 420  |
| 155° | 729 | 728 | 729  | 728  | 729  | 336  |
| 165° | 766 | 767 | 766  | 767  | 766  | 216  |
| 175° | 780 | 785 | 780  | 785  | 780  | 74   |
| 180° | 783 | 783 | 783  | 783  | 783  |      |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 538.9 | 539.3 | 539.8 | 538.8 | 538.8 | 537.9 | 536.0 | 534.6 | 530.5 | 530.0 | 530.0 |
| 5°     | 576.2 | 575.8 | 576.6 | 574.2 | 571.0 | 570.2 | 566.8 | 562.3 | 557.6 | 552.5 | 551.4 |
| 7.5°   | 613.2 | 612.7 | 611.2 | 610.9 | 608.4 | 602.9 | 597.5 | 591.6 | 583.8 | 576.2 | 572.4 |
| 10°    | 632.0 | 637.9 | 634.3 | 628.0 | 629.2 | 620.8 | 616.3 | 608.6 | 602.1 | 590.7 | 588.3 |
| 12.5°  | 650.4 | 652.8 | 651.6 | 648.0 | 646.4 | 640.6 | 634.5 | 627.7 | 615.8 | 605.6 | 596.8 |
| 15°    | 650.3 | 653.7 | 654.7 | 653.6 | 654.4 | 654.1 | 650.9 | 645.3 | 634.9 | 623.7 | 613.9 |
| 17.5°  | 602.3 | 604.7 | 610.6 | 614.6 | 619.6 | 630.3 | 635.6 | 637.5 | 636.0 | 629.6 | 622.8 |
| 20°    | 548.5 | 544.5 | 561.1 | 569.5 | 576.7 | 594.7 | 610.2 | 616.2 | 625.7 | 625.5 | 623.7 |
| 22.5°  | 472.1 | 473.1 | 488.8 | 498.8 | 519.8 | 537.9 | 555.5 | 577.8 | 596.3 | 608.5 | 615.6 |
| 25°    | 346.9 | 353.8 | 369.4 | 383.1 | 406.5 | 440.0 | 470.4 | 505.6 | 538.9 | 565.2 | 590.3 |
| 27.5°  | 260.5 | 261.1 | 273.5 | 286.1 | 300.0 | 327.4 | 365.8 | 407.8 | 455.3 | 494.5 | 539.5 |
| 30°    | 223.2 | 222.0 | 227.3 | 235.0 | 246.9 | 268.2 | 296.9 | 338.3 | 385.6 | 444.7 | 497.2 |
| 32.5°  | 196.6 | 196.7 | 200.7 | 206.4 | 216.2 | 230.5 | 250.3 | 283.9 | 328.6 | 386.7 | 448.2 |
| 35°    | 171.0 | 170.8 | 173.6 | 177.8 | 181.9 | 191.1 | 204.6 | 222.2 | 253.0 | 307.1 | 370.1 |
| 37.5°  | 152.5 | 153.3 | 154.7 | 157.3 | 161.8 | 167.0 | 175.1 | 187.0 | 208.8 | 240.9 | 293.8 |
| 40°    | 142.1 | 142.5 | 144.5 | 146.6 | 149.3 | 153.3 | 159.9 | 169.5 | 185.5 | 211.0 | 249.8 |
| 42.5°  | 132.7 | 133.0 | 134.4 | 136.4 | 138.6 | 142.5 | 148.1 | 156.3 | 169.3 | 189.2 | 221.1 |
| 45°    | 118.7 | 118.7 | 120.0 | 120.9 | 123.3 | 126.8 | 131.3 | 138.2 | 147.2 | 161.9 | 183.2 |
| 47.5°  | 105.8 | 105.8 | 106.6 | 108.1 | 109.6 | 112.4 | 116.8 | 122.5 | 129.0 | 140.4 | 158.5 |
| 50°    | 98.2  | 98.5  | 98.9  | 100.2 | 101.2 | 103.6 | 107.1 | 111.9 | 118.7 | 127.6 | 142.7 |
| 52.5°  | 92.2  | 92.1  | 92.8  | 93.3  | 94.0  | 95.7  | 98.3  | 102.6 | 108.7 | 116.4 | 128.9 |
| 55°    | 82.4  | 81.7  | 82.8  | 83.7  | 84.2  | 84.9  | 86.3  | 89.0  | 94.3  | 100.8 | 110.1 |
| 57.5°  | 70.2  | 69.9  | 70.7  | 71.5  | 73.2  | 75.1  | 76.4  | 78.0  | 80.7  | 85.4  | 94.7  |
| 60°    | 60.1  | 60.1  | 61.7  | 62.3  | 64.2  | 66.8  | 69.3  | 70.7  | 73.4  | 76.4  | 83.3  |
| 62.5°  | 51.2  | 51.3  | 52.0  | 52.6  | 53.7  | 56.8  | 60.4  | 63.5  | 66.1  | 69.0  | 73.5  |
| 65°    | 42.9  | 43.2  | 43.2  | 43.6  | 44.3  | 45.0  | 46.4  | 49.0  | 53.5  | 57.6  | 61.0  |
| 67.5°  | 36.4  | 36.4  | 36.6  | 36.9  | 37.1  | 37.9  | 38.5  | 39.6  | 40.6  | 44.5  | 48.8  |
| 70°    | 32.0  | 32.6  | 32.4  | 32.7  | 33.0  | 33.3  | 34.0  | 34.5  | 36.2  | 37.1  | 39.6  |
| 72.5°  | 28.0  | 28.4  | 28.4  | 28.6  | 29.1  | 29.2  | 29.7  | 30.3  | 31.3  | 32.0  | 33.4  |
| 75°    | 22.7  | 22.5  | 22.7  | 23.1  | 23.2  | 23.4  | 23.4  | 24.1  | 24.6  | 25.3  | 26.3  |
| 77.5°  | 17.5  | 17.7  | 17.7  | 17.7  | 17.7  | 18.1  | 18.0  | 18.3  | 18.9  | 19.3  | 19.6  |
| 80°    | 14.0  | 14.2  | 14.0  | 14.2  | 14.4  | 14.6  | 14.4  | 14.6  | 15.1  | 15.4  | 15.4  |
| 82.5°  | 10.9  | 10.9  | 11.0  | 11.0  | 11.1  | 11.1  | 11.4  | 11.4  | 11.8  | 11.7  | 11.9  |
| 85°    | 6.5   | 6.3   | 6.3   | 6.3   | 6.5   | 6.7   | 6.5   | 6.5   | 6.7   | 6.7   | 6.7   |
| 87.5°  | 5.4   | 5.5   | 5.4   | 5.4   | 5.3   | 5.2   | 5.1   | 5.1   | 4.8   | 4.8   | 4.5   |
| 90°    | 15.3  | 15.1  | 14.8  | 14.6  | 14.3  | 13.9  | 13.2  | 12.6  | 12.0  | 11.3  | 10.3  |
| 92.5°  | 15.3  | 15.1  | 15.0  | 14.8  | 14.7  | 14.4  | 14.1  | 13.8  | 13.5  | 13.2  | 12.7  |
| 95°    | 24.4  | 24.5  | 24.6  | 24.7  | 24.9  | 24.6  | 24.0  | 23.4  | 22.7  | 22.1  | 21.2  |
| 97.5°  | 32.6  | 32.4  | 32.2  | 32.1  | 31.9  | 31.6  | 31.1  | 30.6  | 30.1  | 29.5  | 27.6  |
| 100°   | 37.9  | 37.7  | 37.5  | 37.2  | 37.0  | 36.4  | 35.3  | 34.3  | 33.3  | 32.3  | 30.2  |
| 102.5° | 40.7  | 40.3  | 40.0  | 39.6  | 39.3  | 38.4  | 37.2  | 35.8  | 34.5  | 33.2  | 31.1  |
| 105°   | 43.1  | 42.5  | 42.1  | 41.6  | 41.0  | 40.1  | 38.7  | 37.3  | 36.0  | 34.5  | 32.9  |
| 107.5° | 44.3  | 43.8  | 43.3  | 42.8  | 42.3  | 42.8  | 44.1  | 45.6  | 47.0  | 48.4  | 49.6  |
| 110°   | 44.8  | 44.3  | 43.7  | 43.3  | 42.8  | 48.8  | 61.4  | 74.0  | 86.6  | 99.2  | 135.5 |



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CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 45.2  | 44.8  | 44.4  | 44.0  | 43.6  | 66.4  | 112.3 | 158.3 | 204.2 | 250.1 | 259.1 |
| 115°   | 46.5  | 55.5  | 64.6  | 73.7  | 82.7  | 116.5 | 174.8 | 233.1 | 291.4 | 349.7 | 346.5 |
| 117.5° | 189.7 | 219.5 | 249.3 | 279.1 | 308.9 | 330.8 | 344.9 | 359.1 | 373.2 | 387.3 | 385.1 |
| 120°   | 345.7 | 362.7 | 379.7 | 396.6 | 413.7 | 421.4 | 419.9 | 418.4 | 416.8 | 415.3 | 413.1 |
| 122.5° | 431.3 | 434.7 | 437.9 | 441.2 | 444.6 | 445.8 | 444.8 | 443.9 | 443.0 | 442.1 | 439.7 |
| 125°   | 484.5 | 484.1 | 483.8 | 483.4 | 483.0 | 482.4 | 481.5 | 480.6 | 479.7 | 478.9 | 476.4 |
| 127.5° | 518.1 | 518.0 | 517.9 | 517.8 | 517.8 | 517.1 | 515.8 | 514.5 | 513.3 | 511.9 | 510.2 |
| 130°   | 538.9 | 539.0 | 539.2 | 539.3 | 539.4 | 538.8 | 537.4 | 536.0 | 534.6 | 533.2 | 531.9 |
| 132.5° | 559.3 | 559.4 | 559.6 | 559.7 | 559.8 | 559.3 | 558.1 | 556.9 | 555.7 | 554.5 | 553.2 |
| 135°   | 588.7 | 589.0 | 589.3 | 589.5 | 589.8 | 589.3 | 588.0 | 586.8 | 585.5 | 584.2 | 583.1 |
| 137.5° | 615.6 | 616.1 | 616.5 | 617.0 | 617.3 | 617.0 | 615.7 | 614.5 | 613.2 | 612.0 | 610.7 |
| 140°   | 632.4 | 633.0 | 633.7 | 634.3 | 634.9 | 634.7 | 633.5 | 632.4 | 631.3 | 630.2 | 628.8 |
| 142.5° | 648.7 | 649.4 | 650.0 | 650.6 | 651.3 | 651.0 | 650.0 | 649.0 | 647.9 | 646.9 | 645.3 |
| 145°   | 671.5 | 672.2 | 672.8 | 673.4 | 674.0 | 673.9 | 673.0 | 672.2 | 671.3 | 670.3 | 668.2 |
| 147.5° | 691.6 | 692.1 | 692.6 | 693.2 | 693.7 | 693.6 | 693.0 | 692.3 | 691.7 | 691.0 | 688.9 |
| 150°   | 703.8 | 704.4 | 705.0 | 705.7 | 706.3 | 706.2 | 705.5 | 704.7 | 704.0 | 703.2 | 701.2 |
| 152.5° | 714.2 | 715.1 | 715.9 | 716.8 | 717.6 | 717.6 | 716.8 | 716.1 | 715.3 | 714.5 | 712.6 |
| 155°   | 728.7 | 729.8 | 730.8 | 731.7 | 732.8 | 732.9 | 732.1 | 731.4 | 730.6 | 729.8 | 728.3 |
| 157.5° | 742.0 | 743.0 | 743.9 | 745.0 | 745.9 | 746.0 | 745.1 | 744.3 | 743.5 | 742.6 | 741.5 |
| 160°   | 749.7 | 750.6 | 751.5 | 752.3 | 753.2 | 753.3 | 752.6 | 751.8 | 751.1 | 750.3 | 749.5 |
| 162.5° | 756.1 | 757.2 | 758.2 | 759.3 | 760.4 | 760.5 | 759.6 | 758.8 | 758.0 | 757.1 | 756.5 |
| 165°   | 765.6 | 766.4 | 767.3 | 768.3 | 769.1 | 769.1 | 768.3 | 767.3 | 766.4 | 765.6 | 765.2 |
| 167.5° | 771.6 | 772.7 | 773.9 | 775.0 | 776.1 | 776.3 | 775.4 | 774.5 | 773.6 | 772.7 | 772.4 |
| 170°   | 775.2 | 776.3 | 777.4 | 778.6 | 779.7 | 779.9 | 779.0 | 778.1 | 777.2 | 776.3 | 776.1 |
| 172.5° | 777.9 | 779.0 | 780.2 | 781.3 | 782.4 | 782.6 | 781.7 | 780.9 | 780.0 | 779.0 | 778.8 |
| 175°   | 780.3 | 781.6 | 782.8 | 784.1 | 785.4 | 785.5 | 784.7 | 783.8 | 782.9 | 782.0 | 781.7 |
| 177.5° | 781.8 | 782.7 | 783.6 | 784.5 | 785.4 | 785.5 | 784.8 | 784.1 | 783.4 | 782.7 | 782.6 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 530.3 | 529.1 | 528.1 | 525.5 | 524.2 | 521.3 | 520.9 | 520.8 | 517.1 | 513.4 | 512.4 |
| 5°     | 548.5 | 545.6 | 541.3 | 536.2 | 531.0 | 525.6 | 522.0 | 519.1 | 511.9 | 505.1 | 501.1 |
| 7.5°   | 566.8 | 560.6 | 553.2 | 543.7 | 535.7 | 526.8 | 520.1 | 514.2 | 504.0 | 494.2 | 487.6 |
| 10°    | 580.5 | 570.5 | 560.5 | 547.4 | 537.1 | 527.0 | 517.7 | 509.6 | 498.1 | 485.1 | 475.9 |
| 12.5°  | 589.0 | 577.9 | 564.3 | 551.4 | 538.1 | 525.3 | 512.8 | 502.4 | 488.9 | 475.5 | 464.6 |
| 15°    | 600.5 | 588.6 | 572.0 | 553.7 | 536.6 | 519.8 | 505.5 | 492.5 | 474.9 | 458.8 | 445.5 |
| 17.5°  | 609.9 | 593.5 | 575.8 | 554.5 | 534.7 | 513.5 | 495.0 | 478.4 | 458.8 | 439.4 | 423.7 |
| 20°    | 612.9 | 596.7 | 576.2 | 554.9 | 531.6 | 506.5 | 486.6 | 468.6 | 447.5 | 426.4 | 408.4 |
| 22.5°  | 611.0 | 598.4 | 575.6 | 550.2 | 526.2 | 500.1 | 477.5 | 456.6 | 433.2 | 411.8 | 390.9 |
| 25°    | 598.3 | 594.0 | 572.4 | 544.7 | 517.4 | 487.0 | 460.8 | 438.0 | 411.4 | 388.3 | 365.7 |
| 27.5°  | 568.7 | 578.1 | 564.7 | 535.1 | 504.7 | 472.1 | 442.8 | 416.8 | 389.1 | 363.2 | 340.6 |
| 30°    | 540.2 | 561.6 | 555.9 | 528.5 | 494.5 | 462.5 | 429.5 | 402.3 | 372.9 | 346.2 | 323.9 |
| 32.5°  | 501.2 | 536.5 | 542.2 | 519.3 | 484.1 | 448.9 | 414.4 | 387.4 | 356.6 | 328.5 | 306.7 |
| 35°    | 439.0 | 491.9 | 516.3 | 501.7 | 466.4 | 428.4 | 392.8 | 361.3 | 330.3 | 302.7 | 281.1 |
| 37.5°  | 365.0 | 437.0 | 477.5 | 478.6 | 446.2 | 406.7 | 367.9 | 336.6 | 304.9 | 277.7 | 254.4 |
| 40°    | 316.9 | 395.0 | 447.7 | 459.4 | 432.1 | 389.4 | 350.1 | 318.3 | 287.4 | 260.7 | 233.9 |
| 42.5°  | 273.7 | 351.5 | 416.3 | 436.7 | 414.9 | 372.6 | 333.2 | 299.9 | 269.8 | 244.6 | 217.2 |
| 45°    | 221.3 | 289.4 | 360.8 | 397.1 | 385.1 | 345.9 | 304.3 | 272.6 | 244.4 | 222.6 | 196.3 |
| 47.5°  | 186.7 | 234.6 | 303.8 | 352.9 | 352.8 | 317.0 | 276.0 | 245.7 | 219.5 | 199.1 | 177.8 |
| 50°    | 167.0 | 208.7 | 267.2 | 323.0 | 327.6 | 297.6 | 258.7 | 228.7 | 204.2 | 182.8 | 165.7 |
| 52.5°  | 149.2 | 183.7 | 236.2 | 289.8 | 303.1 | 277.0 | 239.3 | 211.6 | 187.8 | 168.1 | 153.5 |
| 55°    | 126.1 | 152.8 | 192.7 | 242.7 | 262.9 | 244.5 | 211.0 | 185.1 | 165.9 | 149.3 | 136.7 |
| 57.5°  | 106.7 | 126.7 | 158.8 | 199.0 | 222.4 | 211.0 | 183.3 | 162.2 | 145.8 | 130.8 | 120.9 |
| 60°    | 94.5  | 110.8 | 138.0 | 171.7 | 197.6 | 189.5 | 165.9 | 146.3 | 132.3 | 119.3 | 110.0 |
| 62.5°  | 82.9  | 97.0  | 120.3 | 147.7 | 171.3 | 168.0 | 148.8 | 132.3 | 120.0 | 108.2 | 100.3 |
| 65°    | 66.8  | 77.0  | 95.2  | 116.6 | 135.7 | 137.3 | 123.4 | 112.3 | 101.3 | 92.0  | 84.9  |
| 67.5°  | 53.2  | 59.9  | 72.6  | 90.7  | 105.0 | 110.1 | 101.6 | 93.1  | 84.4  | 77.2  | 71.1  |
| 70°    | 44.8  | 50.2  | 59.6  | 74.1  | 87.3  | 92.7  | 87.8  | 81.1  | 73.6  | 67.7  | 62.4  |
| 72.5°  | 36.3  | 41.6  | 48.5  | 59.2  | 70.4  | 76.3  | 74.5  | 69.8  | 63.7  | 58.7  | 53.8  |
| 75°    | 27.3  | 29.0  | 33.7  | 40.9  | 49.7  | 54.7  | 55.9  | 53.5  | 48.6  | 44.8  | 41.9  |
| 77.5°  | 20.2  | 21.2  | 23.4  | 27.2  | 33.0  | 37.5  | 39.3  | 39.0  | 35.6  | 33.5  | 30.7  |
| 80°    | 16.2  | 16.7  | 17.8  | 19.4  | 23.8  | 28.3  | 29.5  | 29.5  | 27.2  | 26.3  | 23.6  |
| 82.5°  | 12.3  | 12.7  | 13.4  | 14.3  | 16.2  | 20.2  | 21.6  | 21.9  | 20.4  | 19.3  | 17.1  |
| 85°    | 7.1   | 6.8   | 7.2   | 7.8   | 8.1   | 9.2   | 11.3  | 11.7  | 11.3  | 9.9   | 9.3   |
| 87.5°  | 4.3   | 4.3   | 4.0   | 3.6   | 3.6   | 3.4   | 3.9   | 4.3   | 4.0   | 3.8   | 3.8   |
| 90°    | 9.3   | 8.3   | 7.3   | 6.1   | 4.8   | 3.3   | 2.0   | 0.6   | 2.0   | 3.3   | 4.8   |
| 92.5°  | 12.1  | 11.6  | 11.2  | 10.9  | 11.1  | 11.2  | 11.3  | 11.4  | 11.3  | 11.2  | 11.1  |
| 95°    | 20.4  | 19.5  | 18.5  | 20.2  | 24.4  | 28.5  | 32.7  | 36.8  | 32.7  | 28.5  | 24.4  |
| 97.5°  | 25.5  | 23.4  | 21.4  | 26.2  | 37.9  | 49.7  | 61.4  | 73.1  | 61.4  | 49.7  | 37.9  |
| 100°   | 28.0  | 25.9  | 23.8  | 31.3  | 48.6  | 65.8  | 83.0  | 100.3 | 83.0  | 65.8  | 48.6  |
| 102.5° | 69.0  | 86.9  | 104.8 | 115.6 | 119.3 | 122.9 | 126.6 | 130.2 | 126.6 | 122.9 | 119.3 |
| 105°   | 103.3 | 137.7 | 172.1 | 187.4 | 183.6 | 179.8 | 176.0 | 172.3 | 176.0 | 179.8 | 183.6 |
| 107.5° | 130.9 | 172.1 | 213.3 | 232.4 | 229.3 | 226.3 | 223.2 | 220.2 | 223.2 | 226.3 | 229.3 |
| 110°   | 172.0 | 208.3 | 244.7 | 261.6 | 259.0 | 256.4 | 253.7 | 251.0 | 253.7 | 256.4 | 259.0 |





TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 268.1 | 277.1 | 286.1 | 289.4 | 287.1 | 284.7 | 282.4 | 280.0 | 282.4 | 284.7 | 287.1 |
| 115°   | 343.3 | 340.2 | 337.1 | 334.4 | 332.2 | 330.1 | 328.0 | 325.8 | 328.0 | 330.1 | 332.2 |
| 117.5° | 382.9 | 380.8 | 378.6 | 376.3 | 373.9 | 371.5 | 369.2 | 366.8 | 369.2 | 371.5 | 373.9 |
| 120°   | 410.8 | 408.6 | 406.3 | 404.3 | 402.3 | 400.4 | 398.5 | 396.6 | 398.5 | 400.4 | 402.3 |
| 122.5° | 437.2 | 434.7 | 432.2 | 430.0 | 428.0 | 426.0 | 424.1 | 422.1 | 424.1 | 426.0 | 428.0 |
| 125°   | 474.0 | 471.7 | 469.3 | 467.2 | 465.6 | 464.0 | 462.3 | 460.7 | 462.3 | 464.0 | 465.6 |
| 127.5° | 508.3 | 506.6 | 504.8 | 503.0 | 501.1 | 499.4 | 497.6 | 495.7 | 497.6 | 499.4 | 501.1 |
| 130°   | 530.4 | 529.1 | 527.7 | 526.0 | 523.9 | 522.0 | 520.0 | 517.9 | 520.0 | 522.0 | 523.9 |
| 132.5° | 551.8 | 550.4 | 549.0 | 547.5 | 545.7 | 544.1 | 542.3 | 540.6 | 542.3 | 544.1 | 545.7 |
| 135°   | 581.9 | 580.8 | 579.7 | 578.1 | 576.2 | 574.1 | 572.1 | 570.1 | 572.1 | 574.1 | 576.2 |
| 137.5° | 609.4 | 608.2 | 606.9 | 605.5 | 604.1 | 602.7 | 601.3 | 599.9 | 601.3 | 602.7 | 604.1 |
| 140°   | 627.4 | 626.0 | 624.6 | 623.4 | 622.4 | 621.4 | 620.4 | 619.4 | 620.4 | 621.4 | 622.4 |
| 142.5° | 643.7 | 642.1 | 640.6 | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 | 636.6 | 637.5 | 638.4 |
| 145°   | 666.1 | 663.9 | 661.8 | 660.8 | 660.9 | 661.1 | 661.2 | 661.3 | 661.2 | 661.1 | 660.9 |
| 147.5° | 686.7 | 684.7 | 682.5 | 681.8 | 682.2 | 682.7 | 683.2 | 683.7 | 683.2 | 682.7 | 682.2 |
| 150°   | 699.2 | 697.2 | 695.2 | 694.6 | 695.5 | 696.4 | 697.3 | 698.2 | 697.3 | 696.4 | 695.5 |
| 152.5° | 710.7 | 708.8 | 706.9 | 706.5 | 707.4 | 708.4 | 709.4 | 710.3 | 709.4 | 708.4 | 707.4 |
| 155°   | 726.8 | 725.3 | 723.8 | 723.7 | 724.8 | 725.9 | 727.1 | 728.2 | 727.1 | 725.9 | 724.8 |
| 157.5° | 740.5 | 739.4 | 738.3 | 738.3 | 739.3 | 740.2 | 741.2 | 742.1 | 741.2 | 740.2 | 739.3 |
| 160°   | 748.8 | 748.0 | 747.3 | 747.3 | 748.0 | 748.8 | 749.5 | 750.3 | 749.5 | 748.8 | 748.0 |
| 162.5° | 755.7 | 755.1 | 754.5 | 754.5 | 755.3 | 756.1 | 756.8 | 757.6 | 756.8 | 756.1 | 755.3 |
| 165°   | 764.9 | 764.5 | 764.1 | 764.2 | 765.0 | 765.8 | 766.5 | 767.3 | 766.5 | 765.8 | 765.0 |
| 167.5° | 772.0 | 771.7 | 771.3 | 771.5 | 772.3 | 773.0 | 773.8 | 774.5 | 773.8 | 773.0 | 772.3 |
| 170°   | 775.9 | 775.6 | 775.3 | 775.6 | 776.3 | 777.1 | 777.8 | 778.6 | 777.8 | 777.1 | 776.3 |
| 172.5° | 778.6 | 778.3 | 778.1 | 778.3 | 779.0 | 779.8 | 780.5 | 781.3 | 780.5 | 779.8 | 779.0 |
| 175°   | 781.5 | 781.3 | 781.0 | 781.3 | 782.2 | 783.1 | 783.9 | 784.8 | 783.9 | 783.1 | 782.2 |
| 177.5° | 782.5 | 782.4 | 782.3 | 782.6 | 783.3 | 784.0 | 784.7 | 785.4 | 784.7 | 784.0 | 783.3 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 510.6 | 509.5 | 507.6 | 504.8 | 503.0 | 500.0 | 498.0 | 499.2 | 499.5 | 499.2 | 498.9 |
| 5°     | 496.9 | 493.1 | 487.8 | 482.8 | 478.1 | 473.1 | 470.2 | 469.0 | 466.4 | 465.0 | 464.2 |
| 7.5°   | 480.2 | 473.7 | 466.4 | 457.6 | 450.1 | 442.3 | 438.3 | 436.3 | 431.2 | 428.4 | 426.0 |
| 10°    | 467.9 | 457.6 | 450.2 | 438.7 | 431.7 | 421.4 | 414.4 | 414.6 | 407.6 | 403.6 | 400.8 |
| 12.5°  | 454.2 | 442.9 | 430.6 | 420.3 | 410.5 | 402.3 | 393.8 | 390.4 | 382.9 | 379.1 | 371.4 |
| 15°    | 431.5 | 418.4 | 405.4 | 391.4 | 381.5 | 368.7 | 356.5 | 341.5 | 329.5 | 319.0 | 316.2 |
| 17.5°  | 406.8 | 390.5 | 377.5 | 361.0 | 344.0 | 322.6 | 308.4 | 299.7 | 292.5 | 286.9 | 282.8 |
| 20°    | 389.8 | 373.2 | 359.3 | 334.5 | 311.6 | 297.1 | 286.7 | 280.0 | 272.4 | 266.5 | 263.2 |
| 22.5°  | 371.9 | 354.7 | 335.7 | 308.0 | 290.2 | 278.5 | 269.3 | 261.6 | 256.4 | 251.8 | 248.8 |
| 25°    | 346.6 | 327.6 | 296.5 | 277.5 | 263.1 | 250.8 | 244.4 | 239.7 | 234.3 | 228.0 | 225.1 |
| 27.5°  | 319.8 | 289.8 | 267.4 | 253.2 | 239.5 | 231.6 | 225.7 | 218.7 | 213.9 | 211.0 | 208.0 |
| 30°    | 299.8 | 269.7 | 252.3 | 236.8 | 227.1 | 218.2 | 211.4 | 207.5 | 202.8 | 198.0 | 196.0 |
| 32.5°  | 277.5 | 253.5 | 236.7 | 223.9 | 214.0 | 206.4 | 201.1 | 194.6 | 191.3 | 188.3 | 184.2 |
| 35°    | 249.8 | 231.6 | 216.3 | 205.9 | 196.5 | 190.4 | 184.1 | 180.3 | 174.2 | 171.7 | 170.1 |
| 37.5°  | 226.3 | 210.6 | 199.2 | 188.1 | 180.7 | 174.0 | 170.1 | 164.1 | 161.4 | 157.9 | 154.5 |
| 40°    | 213.0 | 197.6 | 186.6 | 177.6 | 169.3 | 164.3 | 159.5 | 154.6 | 150.6 | 149.0 | 144.9 |
| 42.5°  | 199.6 | 187.0 | 175.9 | 166.1 | 160.6 | 155.2 | 149.1 | 145.5 | 141.4 | 138.8 | 136.3 |
| 45°    | 180.9 | 169.7 | 160.3 | 152.3 | 146.1 | 140.5 | 136.6 | 130.6 | 128.3 | 123.1 | 120.9 |
| 47.5°  | 164.5 | 154.1 | 145.1 | 137.4 | 131.5 | 127.9 | 122.1 | 117.4 | 113.7 | 110.4 | 107.7 |
| 50°    | 152.8 | 144.1 | 135.5 | 128.7 | 123.3 | 118.0 | 112.1 | 109.8 | 104.0 | 102.3 | 100.8 |
| 52.5°  | 142.1 | 133.9 | 126.0 | 119.3 | 113.9 | 108.8 | 103.6 | 100.5 | 96.6  | 95.1  | 93.9  |
| 55°    | 127.2 | 119.3 | 111.8 | 105.8 | 100.4 | 95.2  | 92.0  | 88.2  | 86.3  | 85.1  | 83.7  |
| 57.5°  | 112.3 | 105.1 | 99.3  | 93.3  | 87.9  | 83.7  | 80.0  | 77.7  | 75.9  | 74.2  | 72.5  |
| 60°    | 102.7 | 95.9  | 90.7  | 85.1  | 79.5  | 76.1  | 73.3  | 70.5  | 68.4  | 65.8  | 65.1  |
| 62.5°  | 92.7  | 86.7  | 81.9  | 76.4  | 71.6  | 68.5  | 65.8  | 63.2  | 60.6  | 57.0  | 55.9  |
| 65°    | 78.8  | 74.1  | 69.1  | 64.6  | 60.3  | 57.2  | 53.2  | 50.4  | 49.3  | 49.0  | 48.8  |
| 67.5°  | 66.3  | 61.9  | 57.5  | 52.9  | 49.0  | 46.2  | 44.1  | 43.7  | 42.9  | 42.8  | 42.2  |
| 70°    | 57.9  | 53.8  | 49.5  | 45.2  | 41.4  | 40.9  | 40.2  | 39.4  | 38.5  | 38.2  | 37.8  |
| 72.5°  | 50.5  | 46.2  | 41.8  | 38.4  | 36.8  | 36.1  | 35.4  | 34.6  | 34.1  | 33.7  | 33.5  |
| 75°    | 38.7  | 34.7  | 31.8  | 30.6  | 29.7  | 29.2  | 28.0  | 27.6  | 27.2  | 26.6  | 26.5  |
| 77.5°  | 27.9  | 25.6  | 24.3  | 23.5  | 22.6  | 22.0  | 21.4  | 20.8  | 20.4  | 20.4  | 20.0  |
| 80°    | 21.2  | 20.1  | 19.3  | 18.1  | 17.8  | 17.1  | 17.0  | 16.4  | 16.6  | 16.0  | 16.0  |
| 82.5°  | 16.5  | 15.1  | 14.3  | 13.9  | 13.5  | 12.9  | 12.8  | 12.5  | 12.5  | 12.1  | 12.1  |
| 85°    | 8.5   | 8.1   | 7.8   | 7.4   | 7.4   | 6.8   | 7.1   | 6.8   | 6.8   | 6.5   | 6.3   |
| 87.5°  | 4.0   | 4.0   | 4.0   | 4.2   | 4.4   | 4.4   | 4.5   | 4.5   | 4.7   | 4.8   | 4.8   |
| 90°    | 6.1   | 7.3   | 8.3   | 9.3   | 10.3  | 11.3  | 12.0  | 12.6  | 13.2  | 13.9  | 14.3  |
| 92.5°  | 10.9  | 11.2  | 11.6  | 12.1  | 12.7  | 13.2  | 13.5  | 13.8  | 14.1  | 14.4  | 14.7  |
| 95°    | 20.2  | 18.5  | 19.5  | 20.4  | 21.2  | 22.1  | 22.7  | 23.4  | 24.0  | 24.6  | 24.9  |
| 97.5°  | 26.2  | 21.4  | 23.4  | 25.5  | 27.6  | 29.5  | 30.1  | 30.6  | 31.1  | 31.6  | 31.9  |
| 100°   | 31.3  | 23.8  | 25.9  | 28.0  | 30.2  | 32.3  | 33.3  | 34.3  | 35.3  | 36.4  | 37.0  |
| 102.5° | 115.6 | 104.8 | 86.9  | 69.0  | 51.1  | 33.2  | 34.5  | 35.8  | 37.2  | 38.4  | 39.3  |
| 105°   | 187.4 | 172.1 | 137.7 | 103.3 | 68.9  | 34.5  | 36.0  | 37.3  | 38.7  | 40.1  | 41.0  |
| 107.5° | 232.4 | 213.3 | 172.1 | 130.9 | 89.6  | 48.4  | 47.0  | 45.6  | 44.1  | 42.8  | 42.3  |
| 110°   | 261.6 | 244.7 | 208.3 | 172.0 | 135.5 | 99.2  | 86.6  | 74.0  | 61.4  | 48.8  | 42.8  |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 289.4 | 286.1 | 277.1 | 268.1 | 259.1 | 250.1 | 204.2 | 158.3 | 112.3 | 66.4  | 43.6  |
| 115°   | 334.4 | 337.1 | 340.2 | 343.3 | 346.5 | 349.7 | 291.4 | 233.1 | 174.8 | 116.5 | 82.7  |
| 117.5° | 376.3 | 378.6 | 380.8 | 382.9 | 385.1 | 387.3 | 373.2 | 359.1 | 344.9 | 330.8 | 308.9 |
| 120°   | 404.3 | 406.3 | 408.6 | 410.8 | 413.1 | 415.3 | 416.8 | 418.4 | 419.9 | 421.4 | 413.7 |
| 122.5° | 430.0 | 432.2 | 434.7 | 437.2 | 439.7 | 442.1 | 443.0 | 443.9 | 444.8 | 445.8 | 444.6 |
| 125°   | 467.2 | 469.3 | 471.7 | 474.0 | 476.4 | 478.9 | 479.7 | 480.6 | 481.5 | 482.4 | 483.0 |
| 127.5° | 503.0 | 504.8 | 506.6 | 508.3 | 510.2 | 511.9 | 513.3 | 514.5 | 515.8 | 517.1 | 517.8 |
| 130°   | 526.0 | 527.7 | 529.1 | 530.4 | 531.9 | 533.2 | 534.6 | 536.0 | 537.4 | 538.8 | 539.4 |
| 132.5° | 547.5 | 549.0 | 550.4 | 551.8 | 553.2 | 554.5 | 555.7 | 556.9 | 558.1 | 559.3 | 559.8 |
| 135°   | 578.1 | 579.7 | 580.8 | 581.9 | 583.1 | 584.2 | 585.5 | 586.8 | 588.0 | 589.3 | 589.8 |
| 137.5° | 605.5 | 606.9 | 608.2 | 609.4 | 610.7 | 612.0 | 613.2 | 614.5 | 615.7 | 617.0 | 617.3 |
| 140°   | 623.4 | 624.6 | 626.0 | 627.4 | 628.8 | 630.2 | 631.3 | 632.4 | 633.5 | 634.7 | 634.9 |
| 142.5° | 639.3 | 640.6 | 642.1 | 643.7 | 645.3 | 646.9 | 647.9 | 649.0 | 650.0 | 651.0 | 651.3 |
| 145°   | 660.8 | 661.8 | 663.9 | 666.1 | 668.2 | 670.3 | 671.3 | 672.2 | 673.0 | 673.9 | 674.0 |
| 147.5° | 681.8 | 682.5 | 684.7 | 686.7 | 688.9 | 691.0 | 691.7 | 692.3 | 693.0 | 693.6 | 693.7 |
| 150°   | 694.6 | 695.2 | 697.2 | 699.2 | 701.2 | 703.2 | 704.0 | 704.7 | 705.5 | 706.2 | 706.3 |
| 152.5° | 706.5 | 706.9 | 708.8 | 710.7 | 712.6 | 714.5 | 715.3 | 716.1 | 716.8 | 717.6 | 717.6 |
| 155°   | 723.7 | 723.8 | 725.3 | 726.8 | 728.3 | 729.8 | 730.6 | 731.4 | 732.1 | 732.9 | 732.8 |
| 157.5° | 738.3 | 738.3 | 739.4 | 740.5 | 741.5 | 742.6 | 743.5 | 744.3 | 745.1 | 746.0 | 745.9 |
| 160°   | 747.3 | 747.3 | 748.0 | 748.8 | 749.5 | 750.3 | 751.1 | 751.8 | 752.6 | 753.3 | 753.2 |
| 162.5° | 754.5 | 754.5 | 755.1 | 755.7 | 756.5 | 757.1 | 758.0 | 758.8 | 759.6 | 760.5 | 760.4 |
| 165°   | 764.2 | 764.1 | 764.5 | 764.9 | 765.2 | 765.6 | 766.4 | 767.3 | 768.3 | 769.1 | 769.1 |
| 167.5° | 771.5 | 771.3 | 771.7 | 772.0 | 772.4 | 772.7 | 773.6 | 774.5 | 775.4 | 776.3 | 776.1 |
| 170°   | 775.6 | 775.3 | 775.6 | 775.9 | 776.1 | 776.3 | 777.2 | 778.1 | 779.0 | 779.9 | 779.7 |
| 172.5° | 778.3 | 778.1 | 778.3 | 778.6 | 778.8 | 779.0 | 780.0 | 780.9 | 781.7 | 782.6 | 782.4 |
| 175°   | 781.3 | 781.0 | 781.3 | 781.5 | 781.7 | 782.0 | 782.9 | 783.8 | 784.7 | 785.5 | 785.4 |
| 177.5° | 782.6 | 782.3 | 782.4 | 782.5 | 782.6 | 782.7 | 783.4 | 784.1 | 784.8 | 785.5 | 785.4 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 497.3 | 497.6 | 497.2 | 497.4 | 497.2 | 497.6 | 497.3 | 498.9 | 499.2 | 499.5 | 499.2 |
| 5°     | 463.3 | 461.2 | 460.8 | 460.3 | 460.8 | 461.2 | 463.3 | 464.2 | 465.0 | 466.4 | 469.0 |
| 7.5°   | 422.9 | 422.6 | 421.6 | 420.3 | 421.6 | 422.6 | 422.9 | 426.0 | 428.4 | 431.2 | 436.3 |
| 10°    | 396.8 | 395.9 | 395.7 | 394.4 | 395.7 | 395.9 | 396.8 | 400.8 | 403.6 | 407.6 | 414.6 |
| 12.5°  | 366.2 | 360.4 | 359.9 | 356.7 | 359.9 | 360.4 | 366.2 | 371.4 | 379.1 | 382.9 | 390.4 |
| 15°    | 311.9 | 310.8 | 307.1 | 304.8 | 307.1 | 310.8 | 311.9 | 316.2 | 319.0 | 329.5 | 341.5 |
| 17.5°  | 280.7 | 277.2 | 276.1 | 275.6 | 276.1 | 277.2 | 280.7 | 282.8 | 286.9 | 292.5 | 299.7 |
| 20°    | 260.7 | 257.5 | 257.0 | 256.6 | 257.0 | 257.5 | 260.7 | 263.2 | 266.5 | 272.4 | 280.0 |
| 22.5°  | 246.9 | 243.5 | 242.2 | 241.1 | 242.2 | 243.5 | 246.9 | 248.8 | 251.8 | 256.4 | 261.6 |
| 25°    | 223.3 | 222.0 | 221.3 | 220.9 | 221.3 | 222.0 | 223.3 | 225.1 | 228.0 | 234.3 | 239.7 |
| 27.5°  | 204.9 | 202.1 | 201.5 | 200.6 | 201.5 | 202.1 | 204.9 | 208.0 | 211.0 | 213.9 | 218.7 |
| 30°    | 194.3 | 193.5 | 192.2 | 191.1 | 192.2 | 193.5 | 194.3 | 196.0 | 198.0 | 202.8 | 207.5 |
| 32.5°  | 182.0 | 181.2 | 180.1 | 179.6 | 180.1 | 181.2 | 182.0 | 184.2 | 188.3 | 191.3 | 194.6 |
| 35°    | 168.3 | 165.7 | 164.6 | 163.0 | 164.6 | 165.7 | 168.3 | 170.1 | 171.7 | 174.2 | 180.3 |
| 37.5°  | 153.8 | 152.4 | 150.9 | 151.5 | 150.9 | 152.4 | 153.8 | 154.5 | 157.9 | 161.4 | 164.1 |
| 40°    | 142.5 | 141.6 | 141.2 | 141.1 | 141.2 | 141.6 | 142.5 | 144.9 | 149.0 | 150.6 | 154.6 |
| 42.5°  | 133.6 | 131.1 | 130.2 | 130.2 | 130.2 | 131.1 | 133.6 | 136.3 | 138.8 | 141.4 | 145.5 |
| 45°    | 120.0 | 117.7 | 116.1 | 116.2 | 116.1 | 117.7 | 120.0 | 120.9 | 123.1 | 128.3 | 130.6 |
| 47.5°  | 106.2 | 106.1 | 105.0 | 105.4 | 105.0 | 106.1 | 106.2 | 107.7 | 110.4 | 113.7 | 117.4 |
| 50°    | 99.5  | 98.5  | 97.7  | 97.9  | 97.7  | 98.5  | 99.5  | 100.8 | 102.3 | 104.0 | 109.8 |
| 52.5°  | 93.2  | 92.2  | 91.7  | 92.4  | 91.7  | 92.2  | 93.2  | 93.9  | 95.1  | 96.6  | 100.5 |
| 55°    | 82.8  | 81.7  | 81.5  | 81.4  | 81.5  | 81.7  | 82.8  | 83.7  | 85.1  | 86.3  | 88.2  |
| 57.5°  | 71.1  | 70.4  | 69.3  | 68.9  | 69.3  | 70.4  | 71.1  | 72.5  | 74.2  | 75.9  | 77.7  |
| 60°    | 62.8  | 61.4  | 59.6  | 59.4  | 59.6  | 61.4  | 62.8  | 65.1  | 65.8  | 68.4  | 70.5  |
| 62.5°  | 55.1  | 54.9  | 54.5  | 54.5  | 54.5  | 54.9  | 55.1  | 55.9  | 57.0  | 60.6  | 63.2  |
| 65°    | 48.4  | 48.2  | 48.4  | 48.6  | 48.4  | 48.2  | 48.4  | 48.8  | 49.0  | 49.3  | 50.4  |
| 67.5°  | 42.1  | 41.8  | 41.5  | 41.7  | 41.5  | 41.8  | 42.1  | 42.2  | 42.8  | 42.9  | 43.7  |
| 70°    | 37.4  | 37.2  | 37.1  | 37.1  | 37.1  | 37.2  | 37.4  | 37.8  | 38.2  | 38.5  | 39.4  |
| 72.5°  | 32.8  | 32.8  | 32.6  | 32.5  | 32.6  | 32.8  | 32.8  | 33.5  | 33.7  | 34.1  | 34.6  |
| 75°    | 26.3  | 25.9  | 25.9  | 25.9  | 25.9  | 25.9  | 26.3  | 26.5  | 26.6  | 27.2  | 27.6  |
| 77.5°  | 20.0  | 19.8  | 19.6  | 19.5  | 19.6  | 19.8  | 20.0  | 20.0  | 20.4  | 20.4  | 20.8  |
| 80°    | 15.8  | 15.7  | 15.4  | 15.4  | 15.4  | 15.7  | 15.8  | 16.0  | 16.0  | 16.6  | 16.4  |
| 82.5°  | 12.1  | 11.9  | 11.9  | 11.7  | 11.9  | 11.9  | 12.1  | 12.1  | 12.1  | 12.5  | 12.5  |
| 85°    | 6.5   | 6.7   | 6.5   | 6.8   | 6.5   | 6.7   | 6.5   | 6.3   | 6.5   | 6.8   | 6.8   |
| 87.5°  | 4.8   | 4.7   | 4.9   | 4.8   | 4.9   | 4.7   | 4.8   | 4.8   | 4.8   | 4.7   | 4.5   |
| 90°    | 14.6  | 14.8  | 15.1  | 15.3  | 15.1  | 14.8  | 14.6  | 14.3  | 13.9  | 13.2  | 12.6  |
| 92.5°  | 14.8  | 15.0  | 15.1  | 15.3  | 15.1  | 15.0  | 14.8  | 14.7  | 14.4  | 14.1  | 13.8  |
| 95°    | 24.7  | 24.6  | 24.5  | 24.4  | 24.5  | 24.6  | 24.7  | 24.9  | 24.6  | 24.0  | 23.4  |
| 97.5°  | 32.1  | 32.2  | 32.4  | 32.6  | 32.4  | 32.2  | 32.1  | 31.9  | 31.6  | 31.1  | 30.6  |
| 100°   | 37.2  | 37.5  | 37.7  | 37.9  | 37.7  | 37.5  | 37.2  | 37.0  | 36.4  | 35.3  | 34.3  |
| 102.5° | 39.6  | 40.0  | 40.3  | 40.7  | 40.3  | 40.0  | 39.6  | 39.3  | 38.4  | 37.2  | 35.8  |
| 105°   | 41.6  | 42.1  | 42.5  | 43.1  | 42.5  | 42.1  | 41.6  | 41.0  | 40.1  | 38.7  | 37.3  |
| 107.5° | 42.8  | 43.3  | 43.8  | 44.3  | 43.8  | 43.3  | 42.8  | 42.3  | 42.8  | 44.1  | 45.6  |
| 110°   | 43.3  | 43.7  | 44.3  | 44.8  | 44.3  | 43.7  | 43.3  | 42.8  | 48.8  | 61.4  | 74.0  |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 44.0  | 44.4  | 44.8  | 45.2  | 44.8  | 44.4  | 44.0  | 43.6  | 66.4  | 112.3 | 158.3 |
| 115°   | 73.7  | 64.6  | 55.5  | 46.5  | 55.5  | 64.6  | 73.7  | 82.7  | 116.5 | 174.8 | 233.1 |
| 117.5° | 279.1 | 249.3 | 219.5 | 189.7 | 219.5 | 249.3 | 279.1 | 308.9 | 330.8 | 344.9 | 359.1 |
| 120°   | 396.6 | 379.7 | 362.7 | 345.7 | 362.7 | 379.7 | 396.6 | 413.7 | 421.4 | 419.9 | 418.4 |
| 122.5° | 441.2 | 437.9 | 434.7 | 431.3 | 434.7 | 437.9 | 441.2 | 444.6 | 445.8 | 444.8 | 443.9 |
| 125°   | 483.4 | 483.8 | 484.1 | 484.5 | 484.1 | 483.8 | 483.4 | 483.0 | 482.4 | 481.5 | 480.6 |
| 127.5° | 517.8 | 517.9 | 518.0 | 518.1 | 518.0 | 517.9 | 517.8 | 517.8 | 517.1 | 515.8 | 514.5 |
| 130°   | 539.3 | 539.2 | 539.0 | 538.9 | 539.0 | 539.2 | 539.3 | 539.4 | 538.8 | 537.4 | 536.0 |
| 132.5° | 559.7 | 559.6 | 559.4 | 559.3 | 559.4 | 559.6 | 559.7 | 559.8 | 559.3 | 558.1 | 556.9 |
| 135°   | 589.5 | 589.3 | 589.0 | 588.7 | 589.0 | 589.3 | 589.5 | 589.8 | 589.3 | 588.0 | 586.8 |
| 137.5° | 617.0 | 616.5 | 616.1 | 615.6 | 616.1 | 616.5 | 617.0 | 617.3 | 617.0 | 615.7 | 614.5 |
| 140°   | 634.3 | 633.7 | 633.0 | 632.4 | 633.0 | 633.7 | 634.3 | 634.9 | 634.7 | 633.5 | 632.4 |
| 142.5° | 650.6 | 650.0 | 649.4 | 648.7 | 649.4 | 650.0 | 650.6 | 651.3 | 651.0 | 650.0 | 649.0 |
| 145°   | 673.4 | 672.8 | 672.2 | 671.5 | 672.2 | 672.8 | 673.4 | 674.0 | 673.9 | 673.0 | 672.2 |
| 147.5° | 693.2 | 692.6 | 692.1 | 691.6 | 692.1 | 692.6 | 693.2 | 693.7 | 693.6 | 693.0 | 692.3 |
| 150°   | 705.7 | 705.0 | 704.4 | 703.8 | 704.4 | 705.0 | 705.7 | 706.3 | 706.2 | 705.5 | 704.7 |
| 152.5° | 716.8 | 715.9 | 715.1 | 714.2 | 715.1 | 715.9 | 716.8 | 717.6 | 717.6 | 716.8 | 716.1 |
| 155°   | 731.7 | 730.8 | 729.8 | 728.7 | 729.8 | 730.8 | 731.7 | 732.8 | 732.9 | 732.1 | 731.4 |
| 157.5° | 745.0 | 743.9 | 743.0 | 742.0 | 743.0 | 743.9 | 745.0 | 745.9 | 746.0 | 745.1 | 744.3 |
| 160°   | 752.3 | 751.5 | 750.6 | 749.7 | 750.6 | 751.5 | 752.3 | 753.2 | 753.3 | 752.6 | 751.8 |
| 162.5° | 759.3 | 758.2 | 757.2 | 756.1 | 757.2 | 758.2 | 759.3 | 760.4 | 760.5 | 759.6 | 758.8 |
| 165°   | 768.3 | 767.3 | 766.4 | 765.6 | 766.4 | 767.3 | 768.3 | 769.1 | 769.1 | 768.3 | 767.3 |
| 167.5° | 775.0 | 773.9 | 772.7 | 771.6 | 772.7 | 773.9 | 775.0 | 776.1 | 776.3 | 775.4 | 774.5 |
| 170°   | 778.6 | 777.4 | 776.3 | 775.2 | 776.3 | 777.4 | 778.6 | 779.7 | 779.9 | 779.0 | 778.1 |
| 172.5° | 781.3 | 780.2 | 779.0 | 777.9 | 779.0 | 780.2 | 781.3 | 782.4 | 782.6 | 781.7 | 780.9 |
| 175°   | 784.1 | 782.8 | 781.6 | 780.3 | 781.6 | 782.8 | 784.1 | 785.4 | 785.5 | 784.7 | 783.8 |
| 177.5° | 784.5 | 783.6 | 782.7 | 781.8 | 782.7 | 783.6 | 784.5 | 785.4 | 785.5 | 784.8 | 784.1 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 498.0 | 500.0 | 503.0 | 504.8 | 507.6 | 509.5 | 510.6 | 512.4 | 513.4 | 517.1 | 520.8 |
| 5°     | 470.2 | 473.1 | 478.1 | 482.8 | 487.8 | 493.1 | 496.9 | 501.1 | 505.1 | 511.9 | 519.1 |
| 7.5°   | 438.3 | 442.3 | 450.1 | 457.6 | 466.4 | 473.7 | 480.2 | 487.6 | 494.2 | 504.0 | 514.2 |
| 10°    | 414.4 | 421.4 | 431.7 | 438.7 | 450.2 | 457.6 | 467.9 | 475.9 | 485.1 | 498.1 | 509.6 |
| 12.5°  | 393.8 | 402.3 | 410.5 | 420.3 | 430.6 | 442.9 | 454.2 | 464.6 | 475.5 | 488.9 | 502.4 |
| 15°    | 356.5 | 368.7 | 381.5 | 391.4 | 405.4 | 418.4 | 431.5 | 445.5 | 458.8 | 474.9 | 492.5 |
| 17.5°  | 308.4 | 322.6 | 344.0 | 361.0 | 377.5 | 390.5 | 406.8 | 423.7 | 439.4 | 458.8 | 478.4 |
| 20°    | 286.7 | 297.1 | 311.6 | 334.5 | 359.3 | 373.2 | 389.8 | 408.4 | 426.4 | 447.5 | 468.6 |
| 22.5°  | 269.3 | 278.5 | 290.2 | 308.0 | 335.7 | 354.7 | 371.9 | 390.9 | 411.8 | 433.2 | 456.6 |
| 25°    | 244.4 | 250.8 | 263.1 | 277.5 | 296.5 | 327.6 | 346.6 | 365.7 | 388.3 | 411.4 | 438.0 |
| 27.5°  | 225.7 | 231.6 | 239.5 | 253.2 | 267.4 | 289.8 | 319.8 | 340.6 | 363.2 | 389.1 | 416.8 |
| 30°    | 211.4 | 218.2 | 227.1 | 236.8 | 252.3 | 269.7 | 299.8 | 323.9 | 346.2 | 372.9 | 402.3 |
| 32.5°  | 201.1 | 206.4 | 214.0 | 223.9 | 236.7 | 253.5 | 277.5 | 306.7 | 328.5 | 356.6 | 387.4 |
| 35°    | 184.1 | 190.4 | 196.5 | 205.9 | 216.3 | 231.6 | 249.8 | 281.1 | 302.7 | 330.3 | 361.3 |
| 37.5°  | 170.1 | 174.0 | 180.7 | 188.1 | 199.2 | 210.6 | 226.3 | 254.4 | 277.7 | 304.9 | 336.6 |
| 40°    | 159.5 | 164.3 | 169.3 | 177.6 | 186.6 | 197.6 | 213.0 | 233.9 | 260.7 | 287.4 | 318.3 |
| 42.5°  | 149.1 | 155.2 | 160.6 | 166.1 | 175.9 | 187.0 | 199.6 | 217.2 | 244.6 | 269.8 | 299.9 |
| 45°    | 136.6 | 140.5 | 146.1 | 152.3 | 160.3 | 169.7 | 180.9 | 196.3 | 222.6 | 244.4 | 272.6 |
| 47.5°  | 122.1 | 127.9 | 131.5 | 137.4 | 145.1 | 154.1 | 164.5 | 177.8 | 199.1 | 219.5 | 245.7 |
| 50°    | 112.1 | 118.0 | 123.3 | 128.7 | 135.5 | 144.1 | 152.8 | 165.7 | 182.8 | 204.2 | 228.7 |
| 52.5°  | 103.6 | 108.8 | 113.9 | 119.3 | 126.0 | 133.9 | 142.1 | 153.5 | 168.1 | 187.8 | 211.6 |
| 55°    | 92.0  | 95.2  | 100.4 | 105.8 | 111.8 | 119.3 | 127.2 | 136.7 | 149.3 | 165.9 | 185.1 |
| 57.5°  | 80.0  | 83.7  | 87.9  | 93.3  | 99.3  | 105.1 | 112.3 | 120.9 | 130.8 | 145.8 | 162.2 |
| 60°    | 73.3  | 76.1  | 79.5  | 85.1  | 90.7  | 95.9  | 102.7 | 110.0 | 119.3 | 132.3 | 146.3 |
| 62.5°  | 65.8  | 68.5  | 71.6  | 76.4  | 81.9  | 86.7  | 92.7  | 100.3 | 108.2 | 120.0 | 132.3 |
| 65°    | 53.2  | 57.2  | 60.3  | 64.6  | 69.1  | 74.1  | 78.8  | 84.9  | 92.0  | 101.3 | 112.3 |
| 67.5°  | 44.1  | 46.2  | 49.0  | 52.9  | 57.5  | 61.9  | 66.3  | 71.1  | 77.2  | 84.4  | 93.1  |
| 70°    | 40.2  | 40.9  | 41.4  | 45.2  | 49.5  | 53.8  | 57.9  | 62.4  | 67.7  | 73.6  | 81.1  |
| 72.5°  | 35.4  | 36.1  | 36.8  | 38.4  | 41.8  | 46.2  | 50.5  | 53.8  | 58.7  | 63.7  | 69.8  |
| 75°    | 28.0  | 29.2  | 29.7  | 30.6  | 31.8  | 34.7  | 38.7  | 41.9  | 44.8  | 48.6  | 53.5  |
| 77.5°  | 21.4  | 22.0  | 22.6  | 23.5  | 24.3  | 25.6  | 27.9  | 30.7  | 33.5  | 35.6  | 39.0  |
| 80°    | 17.0  | 17.1  | 17.8  | 18.1  | 19.3  | 20.1  | 21.2  | 23.6  | 26.3  | 27.2  | 29.5  |
| 82.5°  | 12.8  | 12.9  | 13.5  | 13.9  | 14.3  | 15.1  | 16.5  | 17.1  | 19.3  | 20.4  | 21.9  |
| 85°    | 7.1   | 6.8   | 7.4   | 7.4   | 7.8   | 8.1   | 8.5   | 9.3   | 9.9   | 11.3  | 11.7  |
| 87.5°  | 4.5   | 4.4   | 4.4   | 4.2   | 4.0   | 4.0   | 4.0   | 3.8   | 3.8   | 4.0   | 4.3   |
| 90°    | 12.0  | 11.3  | 10.3  | 9.3   | 8.3   | 7.3   | 6.1   | 4.8   | 3.3   | 2.0   | 0.6   |
| 92.5°  | 13.5  | 13.2  | 12.7  | 12.1  | 11.6  | 11.2  | 10.9  | 11.1  | 11.2  | 11.3  | 11.4  |
| 95°    | 22.7  | 22.1  | 21.2  | 20.4  | 19.5  | 18.5  | 20.2  | 24.4  | 28.5  | 32.7  | 36.8  |
| 97.5°  | 30.1  | 29.5  | 27.6  | 25.5  | 23.4  | 21.4  | 26.2  | 37.9  | 49.7  | 61.4  | 73.1  |
| 100°   | 33.3  | 32.3  | 30.2  | 28.0  | 25.9  | 23.8  | 31.3  | 48.6  | 65.8  | 83.0  | 100.3 |
| 102.5° | 34.5  | 33.2  | 51.1  | 69.0  | 86.9  | 104.8 | 115.6 | 119.3 | 122.9 | 126.6 | 130.2 |
| 105°   | 36.0  | 34.5  | 68.9  | 103.3 | 137.7 | 172.1 | 187.4 | 183.6 | 179.8 | 176.0 | 172.3 |
| 107.5° | 47.0  | 48.4  | 89.6  | 130.9 | 172.1 | 213.3 | 232.4 | 229.3 | 226.3 | 223.2 | 220.2 |
| 110°   | 86.6  | 99.2  | 135.5 | 172.0 | 208.3 | 244.7 | 261.6 | 259.0 | 256.4 | 253.7 | 251.0 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 204.2 | 250.1 | 259.1 | 268.1 | 277.1 | 286.1 | 289.4 | 287.1 | 284.7 | 282.4 | 280.0 |
| 115°   | 291.4 | 349.7 | 346.5 | 343.3 | 340.2 | 337.1 | 334.4 | 332.2 | 330.1 | 328.0 | 325.8 |
| 117.5° | 373.2 | 387.3 | 385.1 | 382.9 | 380.8 | 378.6 | 376.3 | 373.9 | 371.5 | 369.2 | 366.8 |
| 120°   | 416.8 | 415.3 | 413.1 | 410.8 | 408.6 | 406.3 | 404.3 | 402.3 | 400.4 | 398.5 | 396.6 |
| 122.5° | 443.0 | 442.1 | 439.7 | 437.2 | 434.7 | 432.2 | 430.0 | 428.0 | 426.0 | 424.1 | 422.1 |
| 125°   | 479.7 | 478.9 | 476.4 | 474.0 | 471.7 | 469.3 | 467.2 | 465.6 | 464.0 | 462.3 | 460.7 |
| 127.5° | 513.3 | 511.9 | 510.2 | 508.3 | 506.6 | 504.8 | 503.0 | 501.1 | 499.4 | 497.6 | 495.7 |
| 130°   | 534.6 | 533.2 | 531.9 | 530.4 | 529.1 | 527.7 | 526.0 | 523.9 | 522.0 | 520.0 | 517.9 |
| 132.5° | 555.7 | 554.5 | 553.2 | 551.8 | 550.4 | 549.0 | 547.5 | 545.7 | 544.1 | 542.3 | 540.6 |
| 135°   | 585.5 | 584.2 | 583.1 | 581.9 | 580.8 | 579.7 | 578.1 | 576.2 | 574.1 | 572.1 | 570.1 |
| 137.5° | 613.2 | 612.0 | 610.7 | 609.4 | 608.2 | 606.9 | 605.5 | 604.1 | 602.7 | 601.3 | 599.9 |
| 140°   | 631.3 | 630.2 | 628.8 | 627.4 | 626.0 | 624.6 | 623.4 | 622.4 | 621.4 | 620.4 | 619.4 |
| 142.5° | 647.9 | 646.9 | 645.3 | 643.7 | 642.1 | 640.6 | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 |
| 145°   | 671.3 | 670.3 | 668.2 | 666.1 | 663.9 | 661.8 | 660.8 | 660.9 | 661.1 | 661.2 | 661.3 |
| 147.5° | 691.7 | 691.0 | 688.9 | 686.7 | 684.7 | 682.5 | 681.8 | 682.2 | 682.7 | 683.2 | 683.7 |
| 150°   | 704.0 | 703.2 | 701.2 | 699.2 | 697.2 | 695.2 | 694.6 | 695.5 | 696.4 | 697.3 | 698.2 |
| 152.5° | 715.3 | 714.5 | 712.6 | 710.7 | 708.8 | 706.9 | 706.5 | 707.4 | 708.4 | 709.4 | 710.3 |
| 155°   | 730.6 | 729.8 | 728.3 | 726.8 | 725.3 | 723.8 | 723.7 | 724.8 | 725.9 | 727.1 | 728.2 |
| 157.5° | 743.5 | 742.6 | 741.5 | 740.5 | 739.4 | 738.3 | 738.3 | 739.3 | 740.2 | 741.2 | 742.1 |
| 160°   | 751.1 | 750.3 | 749.5 | 748.8 | 748.0 | 747.3 | 747.3 | 748.0 | 748.8 | 749.5 | 750.3 |
| 162.5° | 758.0 | 757.1 | 756.5 | 755.7 | 755.1 | 754.5 | 754.5 | 755.3 | 756.1 | 756.8 | 757.6 |
| 165°   | 766.4 | 765.6 | 765.2 | 764.9 | 764.5 | 764.1 | 764.2 | 765.0 | 765.8 | 766.5 | 767.3 |
| 167.5° | 773.6 | 772.7 | 772.4 | 772.0 | 771.7 | 771.3 | 771.5 | 772.3 | 773.0 | 773.8 | 774.5 |
| 170°   | 777.2 | 776.3 | 776.1 | 775.9 | 775.6 | 775.3 | 775.6 | 776.3 | 777.1 | 777.8 | 778.6 |
| 172.5° | 780.0 | 779.0 | 778.8 | 778.6 | 778.3 | 778.1 | 778.3 | 779.0 | 779.8 | 780.5 | 781.3 |
| 175°   | 782.9 | 782.0 | 781.7 | 781.5 | 781.3 | 781.0 | 781.3 | 782.2 | 783.1 | 783.9 | 784.8 |
| 177.5° | 783.4 | 782.7 | 782.6 | 782.5 | 782.4 | 782.3 | 782.6 | 783.3 | 784.0 | 784.7 | 785.4 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 520.9 | 521.3 | 524.2 | 525.5 | 528.1 | 529.1 | 530.3 | 530.0 | 530.0 | 530.5 | 534.6 |
| 5°     | 522.0 | 525.6 | 531.0 | 536.2 | 541.3 | 545.6 | 548.5 | 551.4 | 552.5 | 557.6 | 562.3 |
| 7.5°   | 520.1 | 526.8 | 535.7 | 543.7 | 553.2 | 560.6 | 566.8 | 572.4 | 576.2 | 583.8 | 591.6 |
| 10°    | 517.7 | 527.0 | 537.1 | 547.4 | 560.5 | 570.5 | 580.5 | 588.3 | 590.7 | 602.1 | 608.6 |
| 12.5°  | 512.8 | 525.3 | 538.1 | 551.4 | 564.3 | 577.9 | 589.0 | 596.8 | 605.6 | 615.8 | 627.7 |
| 15°    | 505.5 | 519.8 | 536.6 | 553.7 | 572.0 | 588.6 | 600.5 | 613.9 | 623.7 | 634.9 | 645.3 |
| 17.5°  | 495.0 | 513.5 | 534.7 | 554.5 | 575.8 | 593.5 | 609.9 | 622.8 | 629.6 | 636.0 | 637.5 |
| 20°    | 486.6 | 506.5 | 531.6 | 554.9 | 576.2 | 596.7 | 612.9 | 623.7 | 625.5 | 625.7 | 616.2 |
| 22.5°  | 477.5 | 500.1 | 526.2 | 550.2 | 575.6 | 598.4 | 611.0 | 615.6 | 608.5 | 596.3 | 577.8 |
| 25°    | 460.8 | 487.0 | 517.4 | 544.7 | 572.4 | 594.0 | 598.3 | 590.3 | 565.2 | 538.9 | 505.6 |
| 27.5°  | 442.8 | 472.1 | 504.7 | 535.1 | 564.7 | 578.1 | 568.7 | 539.5 | 494.5 | 455.3 | 407.8 |
| 30°    | 429.5 | 462.5 | 494.5 | 528.5 | 555.9 | 561.6 | 540.2 | 497.2 | 444.7 | 385.6 | 338.3 |
| 32.5°  | 414.4 | 448.9 | 484.1 | 519.3 | 542.2 | 536.5 | 501.2 | 448.2 | 386.7 | 328.6 | 283.9 |
| 35°    | 392.8 | 428.4 | 466.4 | 501.7 | 516.3 | 491.9 | 439.0 | 370.1 | 307.1 | 253.0 | 222.2 |
| 37.5°  | 367.9 | 406.7 | 446.2 | 478.6 | 477.5 | 437.0 | 365.0 | 293.8 | 240.9 | 208.8 | 187.0 |
| 40°    | 350.1 | 389.4 | 432.1 | 459.4 | 447.7 | 395.0 | 316.9 | 249.8 | 211.0 | 185.5 | 169.5 |
| 42.5°  | 333.2 | 372.6 | 414.9 | 436.7 | 416.3 | 351.5 | 273.7 | 221.1 | 189.2 | 169.3 | 156.3 |
| 45°    | 304.3 | 345.9 | 385.1 | 397.1 | 360.8 | 289.4 | 221.3 | 183.2 | 161.9 | 147.2 | 138.2 |
| 47.5°  | 276.0 | 317.0 | 352.8 | 352.9 | 303.8 | 234.6 | 186.7 | 158.5 | 140.4 | 129.0 | 122.5 |
| 50°    | 258.7 | 297.6 | 327.6 | 323.0 | 267.2 | 208.7 | 167.0 | 142.7 | 127.6 | 118.7 | 111.9 |
| 52.5°  | 239.3 | 277.0 | 303.1 | 289.8 | 236.2 | 183.7 | 149.2 | 128.9 | 116.4 | 108.7 | 102.6 |
| 55°    | 211.0 | 244.5 | 262.9 | 242.7 | 192.7 | 152.8 | 126.1 | 110.1 | 100.8 | 94.3  | 89.0  |
| 57.5°  | 183.3 | 211.0 | 222.4 | 199.0 | 158.8 | 126.7 | 106.7 | 94.7  | 85.4  | 80.7  | 78.0  |
| 60°    | 165.9 | 189.5 | 197.6 | 171.7 | 138.0 | 110.8 | 94.5  | 83.3  | 76.4  | 73.4  | 70.7  |
| 62.5°  | 148.8 | 168.0 | 171.3 | 147.7 | 120.3 | 97.0  | 82.9  | 73.5  | 69.0  | 66.1  | 63.5  |
| 65°    | 123.4 | 137.3 | 135.7 | 116.6 | 95.2  | 77.0  | 66.8  | 61.0  | 57.6  | 53.5  | 49.0  |
| 67.5°  | 101.6 | 110.1 | 105.0 | 90.7  | 72.6  | 59.9  | 53.2  | 48.8  | 44.5  | 40.6  | 39.6  |
| 70°    | 87.8  | 92.7  | 87.3  | 74.1  | 59.6  | 50.2  | 44.8  | 39.6  | 37.1  | 36.2  | 34.5  |
| 72.5°  | 74.5  | 76.3  | 70.4  | 59.2  | 48.5  | 41.6  | 36.3  | 33.4  | 32.0  | 31.3  | 30.3  |
| 75°    | 55.9  | 54.7  | 49.7  | 40.9  | 33.7  | 29.0  | 27.3  | 26.3  | 25.3  | 24.6  | 24.1  |
| 77.5°  | 39.3  | 37.5  | 33.0  | 27.2  | 23.4  | 21.2  | 20.2  | 19.6  | 19.3  | 18.9  | 18.3  |
| 80°    | 29.5  | 28.3  | 23.8  | 19.4  | 17.8  | 16.7  | 16.2  | 15.4  | 15.4  | 15.1  | 14.6  |
| 82.5°  | 21.6  | 20.2  | 16.2  | 14.3  | 13.4  | 12.7  | 12.3  | 11.9  | 11.7  | 11.8  | 11.4  |
| 85°    | 11.3  | 9.2   | 8.1   | 7.8   | 7.2   | 6.8   | 7.1   | 6.7   | 6.7   | 6.7   | 6.5   |
| 87.5°  | 3.9   | 3.4   | 3.6   | 3.6   | 4.0   | 4.3   | 4.3   | 4.5   | 4.8   | 4.8   | 5.1   |
| 90°    | 2.0   | 3.3   | 4.8   | 6.1   | 7.3   | 8.3   | 9.3   | 10.3  | 11.3  | 12.0  | 12.6  |
| 92.5°  | 11.3  | 11.2  | 11.1  | 10.9  | 11.2  | 11.6  | 12.1  | 12.7  | 13.2  | 13.5  | 13.8  |
| 95°    | 32.7  | 28.5  | 24.4  | 20.2  | 18.5  | 19.5  | 20.4  | 21.2  | 22.1  | 22.7  | 23.4  |
| 97.5°  | 61.4  | 49.7  | 37.9  | 26.2  | 21.4  | 23.4  | 25.5  | 27.6  | 29.5  | 30.1  | 30.6  |
| 100°   | 83.0  | 65.8  | 48.6  | 31.3  | 23.8  | 25.9  | 28.0  | 30.2  | 32.3  | 33.3  | 34.3  |
| 102.5° | 126.6 | 122.9 | 119.3 | 115.6 | 104.8 | 86.9  | 69.0  | 51.1  | 33.2  | 34.5  | 35.8  |
| 105°   | 176.0 | 179.8 | 183.6 | 187.4 | 172.1 | 137.7 | 103.3 | 68.9  | 34.5  | 36.0  | 37.3  |
| 107.5° | 223.2 | 226.3 | 229.3 | 232.4 | 213.3 | 172.1 | 130.9 | 89.6  | 48.4  | 47.0  | 45.6  |
| 110°   | 253.7 | 256.4 | 259.0 | 261.6 | 244.7 | 208.3 | 172.0 | 135.5 | 99.2  | 86.6  | 74.0  |





TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 282.4 | 284.7 | 287.1 | 289.4 | 286.1 | 277.1 | 268.1 | 259.1 | 250.1 | 204.2 | 158.3 |
| 115°   | 328.0 | 330.1 | 332.2 | 334.4 | 337.1 | 340.2 | 343.3 | 346.5 | 349.7 | 291.4 | 233.1 |
| 117.5° | 369.2 | 371.5 | 373.9 | 376.3 | 378.6 | 380.8 | 382.9 | 385.1 | 387.3 | 373.2 | 359.1 |
| 120°   | 398.5 | 400.4 | 402.3 | 404.3 | 406.3 | 408.6 | 410.8 | 413.1 | 415.3 | 416.8 | 418.4 |
| 122.5° | 424.1 | 426.0 | 428.0 | 430.0 | 432.2 | 434.7 | 437.2 | 439.7 | 442.1 | 443.0 | 443.9 |
| 125°   | 462.3 | 464.0 | 465.6 | 467.2 | 469.3 | 471.7 | 474.0 | 476.4 | 478.9 | 479.7 | 480.6 |
| 127.5° | 497.6 | 499.4 | 501.1 | 503.0 | 504.8 | 506.6 | 508.3 | 510.2 | 511.9 | 513.3 | 514.5 |
| 130°   | 520.0 | 522.0 | 523.9 | 526.0 | 527.7 | 529.1 | 530.4 | 531.9 | 533.2 | 534.6 | 536.0 |
| 132.5° | 542.3 | 544.1 | 545.7 | 547.5 | 549.0 | 550.4 | 551.8 | 553.2 | 554.5 | 555.7 | 556.9 |
| 135°   | 572.1 | 574.1 | 576.2 | 578.1 | 579.7 | 580.8 | 581.9 | 583.1 | 584.2 | 585.5 | 586.8 |
| 137.5° | 601.3 | 602.7 | 604.1 | 605.5 | 606.9 | 608.2 | 609.4 | 610.7 | 612.0 | 613.2 | 614.5 |
| 140°   | 620.4 | 621.4 | 622.4 | 623.4 | 624.6 | 626.0 | 627.4 | 628.8 | 630.2 | 631.3 | 632.4 |
| 142.5° | 636.6 | 637.5 | 638.4 | 639.3 | 640.6 | 642.1 | 643.7 | 645.3 | 646.9 | 647.9 | 649.0 |
| 145°   | 661.2 | 661.1 | 660.9 | 660.8 | 661.8 | 663.9 | 666.1 | 668.2 | 670.3 | 671.3 | 672.2 |
| 147.5° | 683.2 | 682.7 | 682.2 | 681.8 | 682.5 | 684.7 | 686.7 | 688.9 | 691.0 | 691.7 | 692.3 |
| 150°   | 697.3 | 696.4 | 695.5 | 694.6 | 695.2 | 697.2 | 699.2 | 701.2 | 703.2 | 704.0 | 704.7 |
| 152.5° | 709.4 | 708.4 | 707.4 | 706.5 | 706.9 | 708.8 | 710.7 | 712.6 | 714.5 | 715.3 | 716.1 |
| 155°   | 727.1 | 725.9 | 724.8 | 723.7 | 723.8 | 725.3 | 726.8 | 728.3 | 729.8 | 730.6 | 731.4 |
| 157.5° | 741.2 | 740.2 | 739.3 | 738.3 | 738.3 | 739.4 | 740.5 | 741.5 | 742.6 | 743.5 | 744.3 |
| 160°   | 749.5 | 748.8 | 748.0 | 747.3 | 747.3 | 748.0 | 748.8 | 749.5 | 750.3 | 751.1 | 751.8 |
| 162.5° | 756.8 | 756.1 | 755.3 | 754.5 | 754.5 | 755.1 | 755.7 | 756.5 | 757.1 | 758.0 | 758.8 |
| 165°   | 766.5 | 765.8 | 765.0 | 764.2 | 764.1 | 764.5 | 764.9 | 765.2 | 765.6 | 766.4 | 767.3 |
| 167.5° | 773.8 | 773.0 | 772.3 | 771.5 | 771.3 | 771.7 | 772.0 | 772.4 | 772.7 | 773.6 | 774.5 |
| 170°   | 777.8 | 777.1 | 776.3 | 775.6 | 775.3 | 775.6 | 775.9 | 776.1 | 776.3 | 777.2 | 778.1 |
| 172.5° | 780.5 | 779.8 | 779.0 | 778.3 | 778.1 | 778.3 | 778.6 | 778.8 | 779.0 | 780.0 | 780.9 |
| 175°   | 783.9 | 783.1 | 782.2 | 781.3 | 781.0 | 781.3 | 781.5 | 781.7 | 782.0 | 782.9 | 783.8 |
| 177.5° | 784.7 | 784.0 | 783.3 | 782.6 | 782.3 | 782.4 | 782.5 | 782.6 | 782.7 | 783.4 | 784.1 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5°   | 536.0 | 537.9 | 538.8 | 538.8 | 539.8 | 539.3 | 538.9 |
| 5°     | 566.8 | 570.2 | 571.0 | 574.2 | 576.6 | 575.8 | 576.2 |
| 7.5°   | 597.5 | 602.9 | 608.4 | 610.9 | 611.2 | 612.7 | 613.2 |
| 10°    | 616.3 | 620.8 | 629.2 | 628.0 | 634.3 | 637.9 | 632.0 |
| 12.5°  | 634.5 | 640.6 | 646.4 | 648.0 | 651.6 | 652.8 | 650.4 |
| 15°    | 650.9 | 654.1 | 654.4 | 653.6 | 654.7 | 653.7 | 650.3 |
| 17.5°  | 635.6 | 630.3 | 619.6 | 614.6 | 610.6 | 604.7 | 602.3 |
| 20°    | 610.2 | 594.7 | 576.7 | 569.5 | 561.1 | 544.5 | 548.5 |
| 22.5°  | 555.5 | 537.9 | 519.8 | 498.8 | 488.8 | 473.1 | 472.1 |
| 25°    | 470.4 | 440.0 | 406.5 | 383.1 | 369.4 | 353.8 | 346.9 |
| 27.5°  | 365.8 | 327.4 | 300.0 | 286.1 | 273.5 | 261.1 | 260.5 |
| 30°    | 296.9 | 268.2 | 246.9 | 235.0 | 227.3 | 222.0 | 223.2 |
| 32.5°  | 250.3 | 230.5 | 216.2 | 206.4 | 200.7 | 196.7 | 196.6 |
| 35°    | 204.6 | 191.1 | 181.9 | 177.8 | 173.6 | 170.8 | 171.0 |
| 37.5°  | 175.1 | 167.0 | 161.8 | 157.3 | 154.7 | 153.3 | 152.5 |
| 40°    | 159.9 | 153.3 | 149.3 | 146.6 | 144.5 | 142.5 | 142.1 |
| 42.5°  | 148.1 | 142.5 | 138.6 | 136.4 | 134.4 | 133.0 | 132.7 |
| 45°    | 131.3 | 126.8 | 123.3 | 120.9 | 120.0 | 118.7 | 118.7 |
| 47.5°  | 116.8 | 112.4 | 109.6 | 108.1 | 106.6 | 105.8 | 105.8 |
| 50°    | 107.1 | 103.6 | 101.2 | 100.2 | 98.9  | 98.5  | 98.2  |
| 52.5°  | 98.3  | 95.7  | 94.0  | 93.3  | 92.8  | 92.1  | 92.2  |
| 55°    | 86.3  | 84.9  | 84.2  | 83.7  | 82.8  | 81.7  | 82.4  |
| 57.5°  | 76.4  | 75.1  | 73.2  | 71.5  | 70.7  | 69.9  | 70.2  |
| 60°    | 69.3  | 66.8  | 64.2  | 62.3  | 61.7  | 60.1  | 60.1  |
| 62.5°  | 60.4  | 56.8  | 53.7  | 52.6  | 52.0  | 51.3  | 51.2  |
| 65°    | 46.4  | 45.0  | 44.3  | 43.6  | 43.2  | 43.2  | 42.9  |
| 67.5°  | 38.5  | 37.9  | 37.1  | 36.9  | 36.6  | 36.4  | 36.4  |
| 70°    | 34.0  | 33.3  | 33.0  | 32.7  | 32.4  | 32.6  | 32.0  |
| 72.5°  | 29.7  | 29.2  | 29.1  | 28.6  | 28.4  | 28.4  | 28.0  |
| 75°    | 23.4  | 23.4  | 23.2  | 23.1  | 22.7  | 22.5  | 22.7  |
| 77.5°  | 18.0  | 18.1  | 17.7  | 17.7  | 17.7  | 17.7  | 17.5  |
| 80°    | 14.4  | 14.6  | 14.4  | 14.2  | 14.0  | 14.2  | 14.0  |
| 82.5°  | 11.4  | 11.1  | 11.1  | 11.0  | 11.0  | 10.9  | 10.9  |
| 85°    | 6.5   | 6.7   | 6.5   | 6.3   | 6.3   | 6.3   | 6.5   |
| 87.5°  | 5.1   | 5.2   | 5.3   | 5.4   | 5.4   | 5.5   | 5.4   |
| 90°    | 13.2  | 13.9  | 14.3  | 14.6  | 14.8  | 15.1  | 15.3  |
| 92.5°  | 14.1  | 14.4  | 14.7  | 14.8  | 15.0  | 15.1  | 15.3  |
| 95°    | 24.0  | 24.6  | 24.9  | 24.7  | 24.6  | 24.5  | 24.4  |
| 97.5°  | 31.1  | 31.6  | 31.9  | 32.1  | 32.2  | 32.4  | 32.6  |
| 100°   | 35.3  | 36.4  | 37.0  | 37.2  | 37.5  | 37.7  | 37.9  |
| 102.5° | 37.2  | 38.4  | 39.3  | 39.6  | 40.0  | 40.3  | 40.7  |
| 105°   | 38.7  | 40.1  | 41.0  | 41.6  | 42.1  | 42.5  | 43.1  |
| 107.5° | 44.1  | 42.8  | 42.3  | 42.8  | 43.3  | 43.8  | 44.3  |
| 110°   | 61.4  | 48.8  | 42.8  | 43.3  | 43.7  | 44.3  | 44.8  |



TEST NUMBER: P331627-927

CATALOG NUMBER: S122RDIP-S290D725U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 112.3 | 66.4  | 43.6  | 44.0  | 44.4  | 44.8  | 45.2  |
| 115°   | 174.8 | 116.5 | 82.7  | 73.7  | 64.6  | 55.5  | 46.5  |
| 117.5° | 344.9 | 330.8 | 308.9 | 279.1 | 249.3 | 219.5 | 189.7 |
| 120°   | 419.9 | 421.4 | 413.7 | 396.6 | 379.7 | 362.7 | 345.7 |
| 122.5° | 444.8 | 445.8 | 444.6 | 441.2 | 437.9 | 434.7 | 431.3 |
| 125°   | 481.5 | 482.4 | 483.0 | 483.4 | 483.8 | 484.1 | 484.5 |
| 127.5° | 515.8 | 517.1 | 517.8 | 517.8 | 517.9 | 518.0 | 518.1 |
| 130°   | 537.4 | 538.8 | 539.4 | 539.3 | 539.2 | 539.0 | 538.9 |
| 132.5° | 558.1 | 559.3 | 559.8 | 559.7 | 559.6 | 559.4 | 559.3 |
| 135°   | 588.0 | 589.3 | 589.8 | 589.5 | 589.3 | 589.0 | 588.7 |
| 137.5° | 615.7 | 617.0 | 617.3 | 617.0 | 616.5 | 616.1 | 615.6 |
| 140°   | 633.5 | 634.7 | 634.9 | 634.3 | 633.7 | 633.0 | 632.4 |
| 142.5° | 650.0 | 651.0 | 651.3 | 650.6 | 650.0 | 649.4 | 648.7 |
| 145°   | 673.0 | 673.9 | 674.0 | 673.4 | 672.8 | 672.2 | 671.5 |
| 147.5° | 693.0 | 693.6 | 693.7 | 693.2 | 692.6 | 692.1 | 691.6 |
| 150°   | 705.5 | 706.2 | 706.3 | 705.7 | 705.0 | 704.4 | 703.8 |
| 152.5° | 716.8 | 717.6 | 717.6 | 716.8 | 715.9 | 715.1 | 714.2 |
| 155°   | 732.1 | 732.9 | 732.8 | 731.7 | 730.8 | 729.8 | 728.7 |
| 157.5° | 745.1 | 746.0 | 745.9 | 745.0 | 743.9 | 743.0 | 742.0 |
| 160°   | 752.6 | 753.3 | 753.2 | 752.3 | 751.5 | 750.6 | 749.7 |
| 162.5° | 759.6 | 760.5 | 760.4 | 759.3 | 758.2 | 757.2 | 756.1 |
| 165°   | 768.3 | 769.1 | 769.1 | 768.3 | 767.3 | 766.4 | 765.6 |
| 167.5° | 775.4 | 776.3 | 776.1 | 775.0 | 773.9 | 772.7 | 771.6 |
| 170°   | 779.0 | 779.9 | 779.7 | 778.6 | 777.4 | 776.3 | 775.2 |
| 172.5° | 781.7 | 782.6 | 782.4 | 781.3 | 780.2 | 779.0 | 777.9 |
| 175°   | 784.7 | 785.5 | 785.4 | 784.1 | 782.8 | 781.6 | 780.3 |
| 177.5° | 784.8 | 785.5 | 785.4 | 784.5 | 783.6 | 782.7 | 781.8 |
| 180°   | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 | 783.2 |

(END OF REPORT)