

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: P331240-935

Luminaire Tested: **S122DIP-S290D330U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331240-935  
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: S122DIP-S290D330U935-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 330 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2251.2 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

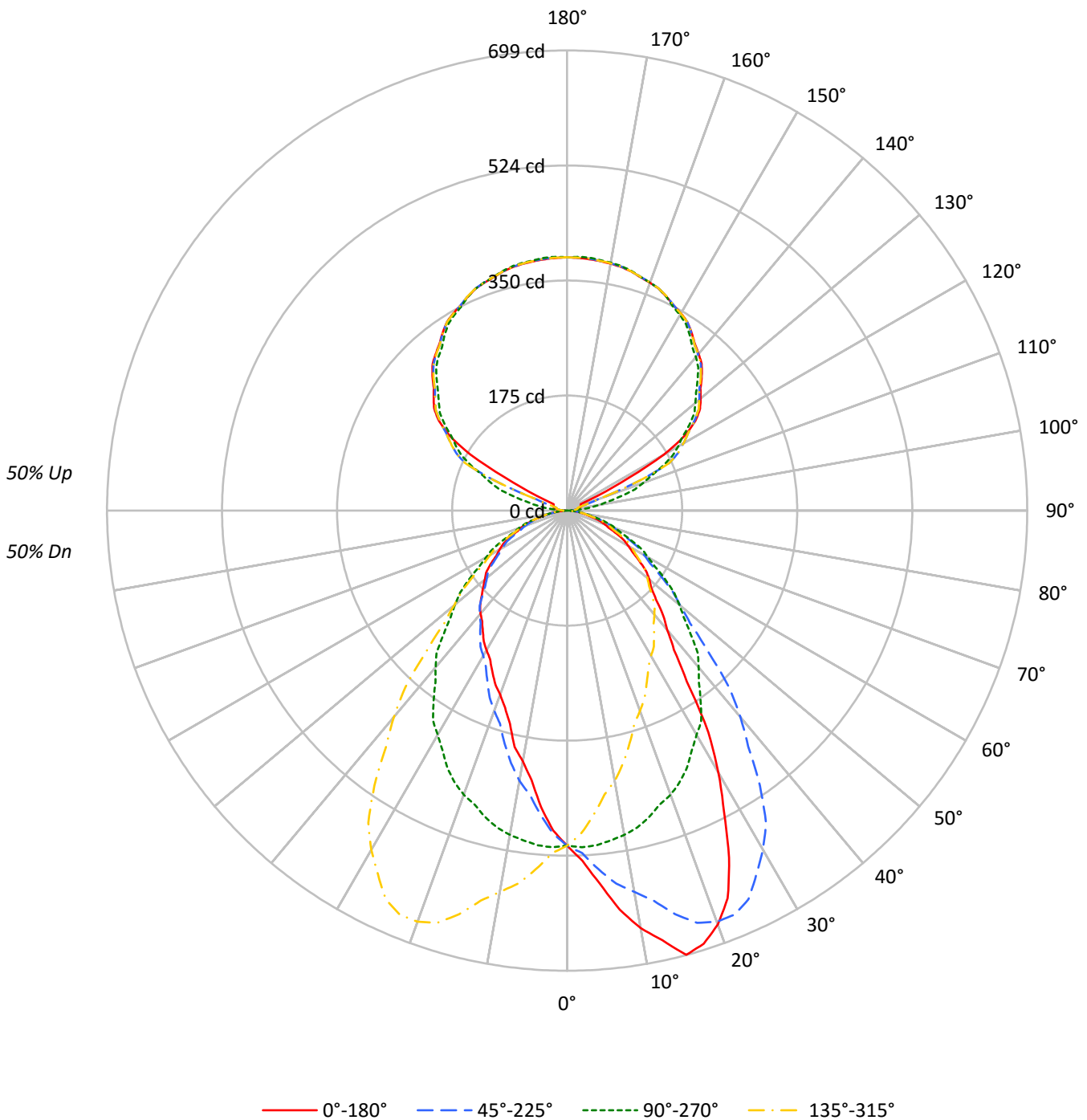
Input Watts (W): 20.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331240-935

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF  | 20  |     |     |     |    |    |    |    |    | 20 |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |    | 20 |    |   |  |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |   |
| RC  | 80  |     |     |     |    |    |    |    |    | 70 |    |    |    |    |    |    |    |    | 50 |    |    |    |    |    |    |    |    | 30 |    |   |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 1   | 98  | 94  | 90  | 87  | 91 | 87 | 84 | 81 | 74 | 71 | 69 | 62 | 60 | 58 | 50 | 49 | 48 | 43 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 65 | 61 | 58 | 55 | 52 | 50 | 45 | 43 | 41 | 37 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 3   | 82  | 73  | 66  | 60  | 76 | 68 | 62 | 57 | 58 | 53 | 49 | 49 | 45 | 43 | 40 | 38 | 36 | 32 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 4   | 75  | 65  | 57  | 52  | 69 | 60 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 5   | 69  | 58  | 50  | 45  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 28 | 24 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 6   | 64  | 52  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 28 | 30 | 27 | 24 | 22 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 7   | 59  | 47  | 40  | 34  | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 22 | 19 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 8   | 55  | 43  | 36  | 30  | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 9   | 52  | 40  | 32  | 27  | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 20 | 18 | 16 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 10  | 48  | 36  | 29  | 25  | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 16 | 15 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 8217  | 8217 | 8217 | 8217 |
| 5°  | 9211  | 8271 | 7329 | 8271 |
| 10° | 10557 | 8202 | 6342 | 8202 |
| 15° | 11677 | 8052 | 5605 | 8052 |
| 20° | 11500 | 7892 | 5108 | 7892 |
| 25° | 10368 | 7675 | 4794 | 7675 |
| 30° | 8569  | 7333 | 4566 | 7333 |
| 35° | 6244  | 6974 | 4401 | 6974 |
| 40° | 4989  | 6551 | 4312 | 6551 |
| 45° | 4359  | 6060 | 4190 | 6060 |
| 50° | 4099  | 5586 | 4107 | 5586 |
| 55° | 3775  | 5103 | 3997 | 5103 |
| 60° | 3462  | 4592 | 3830 | 4592 |
| 65° | 3156  | 4130 | 3660 | 4130 |
| 70° | 2861  | 3682 | 3418 | 3682 |
| 75° | 2539  | 3188 | 3026 | 3188 |
| 80° | 2185  | 2631 | 2436 | 2631 |
| 85° | 1964  | 1964 | 1445 | 1964 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 48.5   | 2.2       |
| 10°-20°   | 140.9  | 6.3       |
| 20°-30°   | 204.5  | 9.1       |
| 30°-40°   | 215.8  | 9.6       |
| 40°-50°   | 191.1  | 8.5       |
| 50°-60°   | 152.5  | 6.8       |
| 60°-70°   | 103.6  | 4.6       |
| 70°-80°   | 53.1   | 2.4       |
| 80°-90°   | 13.8   | 0.6       |
| 90°-100°  | 12.8   | 0.6       |
| 100°-110° | 47.1   | 2.1       |
| 110°-120° | 125.8  | 5.6       |
| 120°-130° | 207.7  | 9.2       |
| 130°-140° | 220.8  | 9.8       |
| 140°-150° | 205.3  | 9.1       |
| 150°-160° | 165.0  | 7.3       |
| 160°-170° | 106.3  | 4.7       |
| 170°-180° | 36.6   | 1.6       |
| 0°-30°    | 393.9  | 17.5      |
| 0°-40°    | 609.7  | 27.1      |
| 0°-60°    | 953.2  | 42.3      |
| 0°-90°    | 1123.7 | 49.9      |
| 90°-120°  | 185.7  | 8.2       |
| 90°-150°  | 819.5  | 36.4      |
| 90°-180°  | 1127.0 | 50.1      |
| 0°-180°   | 2251.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 509 | 509 | 509  | 509  | 509  |      |
| 5°   | 568 | 510 | 452  | 510  | 568  | 57   |
| 15°  | 699 | 482 | 335  | 482  | 699  | 193  |
| 25°  | 582 | 431 | 269  | 431  | 582  | 263  |
| 35°  | 317 | 354 | 223  | 354  | 317  | 206  |
| 45°  | 191 | 265 | 184  | 265  | 191  | 150  |
| 55°  | 134 | 181 | 142  | 181  | 134  | 120  |
| 65°  | 83  | 108 | 96   | 108  | 83   | 82   |
| 75°  | 41  | 51  | 48   | 51   | 41   | 43   |
| 85°  | 11  | 11  | 8    | 11   | 11   | 12   |
| 90°  | 8   | 0   | 8    | 0    | 8    | 4    |
| 95°  | 12  | 18  | 12   | 18   | 12   | 11   |
| 105° | 21  | 85  | 21   | 85   | 21   | 22   |
| 115° | 23  | 160 | 23   | 160  | 23   | 57   |
| 125° | 238 | 226 | 238  | 226  | 238  | 206  |
| 135° | 289 | 280 | 289  | 280  | 289  | 223  |
| 145° | 330 | 325 | 330  | 325  | 330  | 206  |
| 155° | 358 | 358 | 358  | 358  | 358  | 165  |
| 165° | 376 | 377 | 376  | 377  | 376  | 106  |
| 175° | 383 | 386 | 383  | 386  | 383  | 37   |
| 180° | 385 | 385 | 385  | 385  | 385  |      |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 532.4 | 532.5 | 532.9 | 530.4 | 530.0 | 530.0 | 527.9 | 526.0 | 523.7 | 520.8 | 521.2 |
| 5°     | 568.3 | 570.5 | 571.3 | 568.9 | 565.4 | 565.1 | 561.7 | 556.3 | 551.1 | 547.1 | 544.2 |
| 7.5°   | 611.3 | 612.2 | 610.3 | 607.2 | 604.6 | 599.9 | 593.7 | 587.6 | 579.1 | 571.4 | 565.6 |
| 10°    | 643.9 | 645.1 | 641.7 | 637.2 | 633.5 | 628.0 | 619.1 | 609.8 | 598.7 | 588.0 | 579.4 |
| 12.5°  | 668.6 | 671.5 | 667.2 | 666.7 | 660.3 | 652.7 | 642.0 | 637.4 | 621.7 | 606.7 | 597.4 |
| 15°    | 698.6 | 698.4 | 698.9 | 695.1 | 690.4 | 689.2 | 678.0 | 665.6 | 643.5 | 634.6 | 619.4 |
| 17.5°  | 689.9 | 692.9 | 694.3 | 694.2 | 694.1 | 693.4 | 689.7 | 682.0 | 670.9 | 656.6 | 639.0 |
| 20°    | 669.3 | 673.2 | 673.8 | 678.3 | 680.9 | 684.2 | 685.5 | 683.4 | 676.6 | 664.6 | 649.4 |
| 22.5°  | 637.4 | 638.5 | 640.3 | 647.3 | 652.8 | 661.2 | 665.5 | 672.8 | 670.1 | 664.3 | 651.5 |
| 25°    | 582.0 | 580.1 | 586.9 | 590.5 | 603.2 | 616.5 | 626.1 | 636.6 | 646.0 | 651.7 | 648.0 |
| 27.5°  | 515.7 | 512.7 | 523.0 | 532.4 | 542.6 | 557.1 | 572.0 | 589.6 | 604.2 | 622.7 | 629.0 |
| 30°    | 459.6 | 461.4 | 471.1 | 481.1 | 496.8 | 517.1 | 534.0 | 553.3 | 574.3 | 594.8 | 609.1 |
| 32.5°  | 399.2 | 406.0 | 412.2 | 427.5 | 441.3 | 463.9 | 488.6 | 512.8 | 538.9 | 562.2 | 584.4 |
| 35°    | 316.8 | 324.7 | 333.3 | 344.4 | 363.8 | 386.2 | 410.4 | 443.0 | 478.6 | 510.5 | 536.7 |
| 37.5°  | 266.7 | 265.4 | 270.4 | 278.4 | 294.1 | 312.3 | 340.0 | 372.2 | 414.1 | 451.6 | 488.6 |
| 40°    | 236.7 | 235.9 | 239.4 | 246.8 | 258.7 | 272.1 | 296.4 | 324.7 | 363.6 | 409.4 | 453.4 |
| 42.5°  | 216.0 | 216.5 | 218.4 | 223.7 | 231.9 | 242.8 | 261.0 | 285.1 | 320.7 | 363.9 | 411.1 |
| 45°    | 190.9 | 192.3 | 194.4 | 197.0 | 201.6 | 210.7 | 220.8 | 238.1 | 266.2 | 302.2 | 348.7 |
| 47.5°  | 172.8 | 172.9 | 175.0 | 177.3 | 180.0 | 185.1 | 193.5 | 204.2 | 224.1 | 253.4 | 293.4 |
| 50°    | 163.2 | 161.8 | 163.3 | 165.1 | 168.0 | 171.5 | 177.0 | 187.2 | 200.4 | 224.1 | 257.6 |
| 52.5°  | 151.2 | 151.3 | 152.7 | 153.3 | 155.9 | 159.5 | 164.5 | 171.5 | 183.6 | 202.1 | 229.5 |
| 55°    | 134.1 | 135.2 | 136.0 | 137.1 | 139.5 | 142.0 | 145.9 | 150.6 | 160.0 | 173.8 | 194.2 |
| 57.5°  | 118.1 | 118.5 | 119.2 | 121.5 | 123.0 | 125.3 | 129.0 | 133.3 | 139.4 | 149.6 | 165.0 |
| 60°    | 107.2 | 107.2 | 108.7 | 109.7 | 111.7 | 114.0 | 116.9 | 121.1 | 126.6 | 134.9 | 147.3 |
| 62.5°  | 97.2  | 97.0  | 97.6  | 99.3  | 100.7 | 102.9 | 105.8 | 109.3 | 114.5 | 122.0 | 132.1 |
| 65°    | 82.6  | 82.1  | 83.3  | 83.7  | 85.2  | 87.4  | 89.8  | 93.5  | 97.6  | 103.1 | 112.1 |
| 67.5°  | 68.4  | 69.0  | 69.6  | 70.3  | 71.1  | 73.4  | 75.0  | 77.6  | 81.1  | 85.7  | 91.7  |
| 70°    | 60.6  | 60.6  | 60.6  | 61.2  | 62.4  | 63.5  | 65.1  | 67.2  | 70.6  | 74.5  | 80.0  |
| 72.5°  | 51.8  | 52.5  | 53.1  | 52.8  | 54.2  | 54.9  | 56.8  | 58.0  | 61.2  | 63.7  | 68.5  |
| 75°    | 40.7  | 40.7  | 40.7  | 41.7  | 42.3  | 42.8  | 44.0  | 45.2  | 46.8  | 49.9  | 52.4  |
| 77.5°  | 30.4  | 30.3  | 30.5  | 30.7  | 31.3  | 32.0  | 32.4  | 33.4  | 34.9  | 36.3  | 38.5  |
| 80°    | 23.5  | 23.8  | 24.0  | 24.5  | 24.5  | 24.8  | 25.1  | 26.4  | 27.4  | 28.3  | 29.7  |
| 82.5°  | 18.2  | 18.3  | 18.3  | 18.3  | 18.5  | 18.8  | 19.3  | 19.7  | 20.1  | 20.8  | 21.9  |
| 85°    | 10.6  | 10.3  | 10.3  | 10.8  | 10.6  | 10.6  | 10.9  | 11.4  | 11.4  | 11.5  | 12.1  |
| 87.5°  | 5.6   | 5.5   | 5.7   | 5.5   | 5.5   | 5.6   | 5.5   | 5.3   | 5.4   | 5.5   | 5.5   |
| 90°    | 7.5   | 7.4   | 7.2   | 7.1   | 7.1   | 6.8   | 6.5   | 6.2   | 5.9   | 5.6   | 5.1   |
| 92.5°  | 7.5   | 7.4   | 7.4   | 7.3   | 7.2   | 7.1   | 7.0   | 6.8   | 6.6   | 6.5   | 6.2   |
| 95°    | 12.0  | 12.1  | 12.1  | 12.1  | 12.2  | 12.1  | 11.8  | 11.5  | 11.2  | 10.8  | 10.4  |
| 97.5°  | 16.0  | 15.9  | 15.8  | 15.8  | 15.7  | 15.5  | 15.2  | 15.1  | 14.8  | 14.6  | 13.5  |
| 100°   | 18.7  | 18.5  | 18.4  | 18.3  | 18.2  | 17.8  | 17.4  | 16.9  | 16.4  | 15.8  | 14.8  |
| 102.5° | 20.0  | 19.8  | 19.6  | 19.5  | 19.3  | 18.9  | 18.3  | 17.6  | 17.0  | 16.3  | 25.1  |
| 105°   | 21.2  | 20.9  | 20.7  | 20.4  | 20.1  | 19.7  | 19.0  | 18.3  | 17.7  | 17.0  | 33.8  |
| 107.5° | 21.8  | 21.5  | 21.3  | 21.0  | 20.8  | 21.0  | 21.7  | 22.4  | 23.1  | 23.8  | 44.0  |
| 110°   | 22.0  | 21.8  | 21.5  | 21.3  | 21.0  | 23.9  | 30.1  | 36.3  | 42.5  | 48.7  | 66.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 22.2  | 22.0  | 21.8  | 21.6  | 21.4  | 32.6  | 55.2  | 77.7  | 100.3 | 122.9 | 127.3 |
| 115°   | 22.8  | 27.3  | 31.8  | 36.2  | 40.6  | 57.2  | 85.8  | 114.5 | 143.1 | 171.8 | 170.2 |
| 117.5° | 93.2  | 107.9 | 122.5 | 137.2 | 151.8 | 162.6 | 169.4 | 176.4 | 183.3 | 190.3 | 189.2 |
| 120°   | 169.8 | 178.1 | 186.5 | 194.8 | 203.2 | 207.0 | 206.3 | 205.5 | 204.8 | 204.1 | 202.9 |
| 122.5° | 211.9 | 213.5 | 215.2 | 216.8 | 218.3 | 219.0 | 218.5 | 218.1 | 217.7 | 217.2 | 216.0 |
| 125°   | 238.0 | 237.8 | 237.6 | 237.5 | 237.3 | 236.9 | 236.5 | 236.1 | 235.7 | 235.2 | 234.0 |
| 127.5° | 254.5 | 254.4 | 254.4 | 254.4 | 254.3 | 254.0 | 253.4 | 252.8 | 252.1 | 251.5 | 250.6 |
| 130°   | 264.8 | 264.8 | 264.8 | 264.9 | 265.0 | 264.7 | 264.0 | 263.3 | 262.6 | 262.0 | 261.3 |
| 132.5° | 274.7 | 274.8 | 274.9 | 274.9 | 275.0 | 274.7 | 274.1 | 273.6 | 273.0 | 272.4 | 271.7 |
| 135°   | 289.2 | 289.4 | 289.5 | 289.6 | 289.7 | 289.5 | 288.9 | 288.3 | 287.7 | 287.1 | 286.5 |
| 137.5° | 302.5 | 302.6 | 302.9 | 303.1 | 303.2 | 303.1 | 302.5 | 301.9 | 301.3 | 300.7 | 300.1 |
| 140°   | 310.6 | 311.0 | 311.3 | 311.6 | 311.9 | 311.8 | 311.3 | 310.6 | 310.1 | 309.5 | 308.9 |
| 142.5° | 318.7 | 319.0 | 319.3 | 319.6 | 319.9 | 319.9 | 319.3 | 318.8 | 318.3 | 317.8 | 317.0 |
| 145°   | 329.8 | 330.2 | 330.5 | 330.8 | 331.1 | 331.1 | 330.6 | 330.2 | 329.8 | 329.3 | 328.3 |
| 147.5° | 339.8 | 340.0 | 340.3 | 340.5 | 340.8 | 340.8 | 340.4 | 340.1 | 339.8 | 339.5 | 338.5 |
| 150°   | 345.8 | 346.0 | 346.4 | 346.7 | 347.0 | 347.0 | 346.6 | 346.2 | 345.9 | 345.5 | 344.5 |
| 152.5° | 350.9 | 351.3 | 351.7 | 352.1 | 352.5 | 352.5 | 352.1 | 351.8 | 351.4 | 351.0 | 350.1 |
| 155°   | 358.0 | 358.5 | 359.0 | 359.5 | 360.0 | 360.1 | 359.6 | 359.3 | 359.0 | 358.5 | 357.8 |
| 157.5° | 364.5 | 365.0 | 365.5 | 365.9 | 366.4 | 366.4 | 366.1 | 365.7 | 365.2 | 364.8 | 364.3 |
| 160°   | 368.3 | 368.8 | 369.2 | 369.6 | 370.1 | 370.1 | 369.7 | 369.4 | 368.9 | 368.6 | 368.2 |
| 162.5° | 371.4 | 372.0 | 372.5 | 373.0 | 373.6 | 373.6 | 373.2 | 372.7 | 372.4 | 372.0 | 371.6 |
| 165°   | 376.1 | 376.5 | 376.9 | 377.4 | 377.8 | 377.8 | 377.4 | 376.9 | 376.5 | 376.1 | 375.9 |
| 167.5° | 379.0 | 379.6 | 380.1 | 380.7 | 381.3 | 381.3 | 380.9 | 380.5 | 380.0 | 379.6 | 379.4 |
| 170°   | 380.8 | 381.4 | 381.9 | 382.5 | 383.1 | 383.1 | 382.7 | 382.3 | 381.9 | 381.4 | 381.3 |
| 172.5° | 382.2 | 382.7 | 383.3 | 383.8 | 384.4 | 384.4 | 384.0 | 383.6 | 383.1 | 382.7 | 382.6 |
| 175°   | 383.3 | 383.9 | 384.6 | 385.2 | 385.8 | 385.9 | 385.5 | 385.0 | 384.6 | 384.2 | 384.1 |
| 177.5° | 384.1 | 384.5 | 385.0 | 385.4 | 385.8 | 385.9 | 385.6 | 385.2 | 384.9 | 384.5 | 384.4 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 522.2 | 521.0 | 520.2 | 517.4 | 514.9 | 512.4 | 511.6 | 511.9 | 508.4 | 505.1 | 503.8 |
| 5°     | 542.6 | 538.6 | 534.9 | 529.7 | 523.4 | 516.5 | 513.1 | 510.3 | 503.4 | 496.0 | 491.7 |
| 7.5°   | 560.8 | 555.2 | 548.0 | 538.1 | 529.0 | 518.2 | 511.3 | 505.3 | 495.3 | 484.8 | 478.4 |
| 10°    | 571.9 | 564.3 | 555.1 | 542.9 | 531.8 | 518.7 | 509.5 | 500.3 | 488.6 | 476.0 | 468.2 |
| 12.5°  | 581.4 | 571.2 | 562.1 | 546.6 | 533.4 | 516.9 | 506.1 | 493.1 | 480.8 | 465.9 | 458.2 |
| 15°    | 604.2 | 585.2 | 568.0 | 550.4 | 534.2 | 511.3 | 499.1 | 481.7 | 465.5 | 447.1 | 438.3 |
| 17.5°  | 621.7 | 600.4 | 573.3 | 551.0 | 532.0 | 506.6 | 488.9 | 468.0 | 448.8 | 427.8 | 415.9 |
| 20°    | 631.7 | 607.3 | 578.2 | 551.6 | 528.9 | 499.9 | 480.5 | 459.3 | 436.8 | 413.1 | 400.2 |
| 22.5°  | 637.7 | 612.0 | 583.2 | 549.2 | 522.6 | 494.5 | 470.1 | 446.7 | 424.0 | 398.4 | 384.9 |
| 25°    | 639.6 | 616.1 | 585.6 | 547.3 | 514.8 | 482.9 | 453.6 | 430.8 | 403.3 | 379.4 | 359.7 |
| 27.5°  | 630.3 | 613.5 | 584.1 | 543.5 | 505.8 | 468.5 | 435.8 | 410.1 | 381.0 | 355.1 | 335.2 |
| 30°    | 618.8 | 609.1 | 580.5 | 539.8 | 498.5 | 458.5 | 422.5 | 393.3 | 364.4 | 338.2 | 317.8 |
| 32.5°  | 601.2 | 599.1 | 573.9 | 534.5 | 490.9 | 445.8 | 408.5 | 379.1 | 347.0 | 321.2 | 301.9 |
| 35°    | 566.5 | 575.8 | 560.0 | 522.6 | 476.5 | 427.7 | 387.4 | 353.8 | 320.6 | 295.9 | 277.8 |
| 37.5°  | 519.9 | 543.2 | 539.1 | 505.2 | 456.9 | 408.1 | 363.6 | 328.5 | 296.8 | 271.9 | 254.1 |
| 40°    | 487.8 | 517.5 | 521.9 | 491.9 | 443.2 | 393.0 | 345.8 | 310.8 | 279.9 | 257.2 | 239.2 |
| 42.5°  | 453.4 | 488.1 | 499.9 | 476.0 | 428.2 | 376.9 | 329.8 | 293.6 | 262.9 | 240.9 | 225.0 |
| 45°    | 395.7 | 441.6 | 463.0 | 449.3 | 403.1 | 350.7 | 302.2 | 265.4 | 237.6 | 216.9 | 204.6 |
| 47.5°  | 341.7 | 391.9 | 420.6 | 415.8 | 375.2 | 323.3 | 275.3 | 240.0 | 213.0 | 196.5 | 185.5 |
| 50°    | 303.6 | 355.2 | 389.8 | 391.4 | 355.2 | 303.8 | 255.6 | 222.4 | 197.5 | 182.1 | 173.1 |
| 52.5°  | 270.4 | 319.7 | 357.4 | 365.8 | 332.8 | 283.4 | 238.0 | 204.8 | 183.0 | 168.8 | 160.7 |
| 55°    | 227.0 | 268.7 | 310.6 | 325.9 | 299.5 | 252.5 | 210.4 | 181.3 | 160.7 | 151.0 | 144.0 |
| 57.5°  | 188.8 | 223.5 | 262.2 | 279.1 | 262.8 | 222.6 | 183.1 | 157.8 | 141.2 | 132.6 | 127.2 |
| 60°    | 168.6 | 196.0 | 230.4 | 250.6 | 236.4 | 200.7 | 166.3 | 142.2 | 128.5 | 120.9 | 115.8 |
| 62.5°  | 149.8 | 174.1 | 203.2 | 221.6 | 214.0 | 180.2 | 149.4 | 128.1 | 116.3 | 109.2 | 105.5 |
| 65°    | 123.6 | 142.8 | 165.3 | 182.3 | 177.2 | 151.6 | 126.3 | 108.1 | 98.8  | 93.1  | 90.1  |
| 67.5°  | 101.8 | 115.6 | 131.2 | 146.1 | 142.1 | 123.9 | 103.7 | 89.5  | 82.5  | 77.6  | 75.8  |
| 70°    | 88.0  | 98.6  | 112.4 | 124.4 | 121.1 | 106.2 | 90.1  | 78.0  | 72.0  | 67.8  | 66.1  |
| 72.5°  | 74.9  | 83.5  | 94.2  | 103.9 | 101.7 | 89.3  | 75.9  | 66.8  | 62.1  | 58.3  | 56.9  |
| 75°    | 56.6  | 63.2  | 69.7  | 76.1  | 75.5  | 66.0  | 58.1  | 51.1  | 47.4  | 44.4  | 43.8  |
| 77.5°  | 41.8  | 45.5  | 49.9  | 53.6  | 52.6  | 47.1  | 41.0  | 36.9  | 34.3  | 32.3  | 31.9  |
| 80°    | 31.9  | 34.0  | 37.2  | 39.9  | 38.6  | 36.2  | 31.3  | 28.3  | 26.4  | 24.5  | 23.7  |
| 82.5°  | 23.2  | 25.2  | 27.1  | 28.7  | 27.6  | 25.4  | 22.4  | 20.4  | 19.2  | 17.9  | 17.6  |
| 85°    | 12.1  | 13.3  | 14.1  | 14.5  | 14.1  | 12.7  | 11.4  | 10.6  | 9.6   | 9.0   | 8.8   |
| 87.5°  | 5.6   | 5.5   | 5.4   | 5.6   | 5.0   | 4.9   | 4.1   | 3.5   | 3.4   | 3.4   | 3.3   |
| 90°    | 4.6   | 4.0   | 3.6   | 3.0   | 2.3   | 1.6   | 0.9   | 0.3   | 0.9   | 1.6   | 2.3   |
| 92.5°  | 5.9   | 5.7   | 5.5   | 5.3   | 5.4   | 5.5   | 5.6   | 5.6   | 5.6   | 5.5   | 5.4   |
| 95°    | 10.0  | 9.6   | 9.1   | 9.9   | 12.0  | 14.0  | 16.0  | 18.1  | 16.0  | 14.0  | 12.0  |
| 97.5°  | 12.5  | 11.5  | 10.5  | 12.9  | 18.7  | 24.4  | 30.1  | 35.9  | 30.1  | 24.4  | 18.7  |
| 100°   | 13.8  | 12.7  | 11.6  | 15.4  | 23.8  | 32.3  | 40.8  | 49.2  | 40.8  | 32.3  | 23.8  |
| 102.5° | 33.9  | 42.7  | 51.5  | 56.8  | 58.6  | 60.4  | 62.2  | 64.0  | 62.2  | 60.4  | 58.6  |
| 105°   | 50.8  | 67.7  | 84.6  | 92.0  | 90.2  | 88.3  | 86.4  | 84.6  | 86.4  | 88.3  | 90.2  |
| 107.5° | 64.3  | 84.6  | 104.8 | 114.2 | 112.7 | 111.2 | 109.7 | 108.1 | 109.7 | 111.2 | 112.7 |
| 110°   | 84.5  | 102.4 | 120.2 | 128.5 | 127.3 | 126.0 | 124.6 | 123.3 | 124.6 | 126.0 | 127.3 |





TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.7 | 136.1 | 140.5 | 142.2 | 141.0 | 139.9 | 138.7 | 137.6 | 138.7 | 139.9 | 141.0 |
| 115°   | 168.7 | 167.1 | 165.6 | 164.3 | 163.2 | 162.2 | 161.1 | 160.1 | 161.1 | 162.2 | 163.2 |
| 117.5° | 188.1 | 187.1 | 186.0 | 184.9 | 183.7 | 182.5 | 181.3 | 180.2 | 181.3 | 182.5 | 183.7 |
| 120°   | 201.8 | 200.7 | 199.6 | 198.5 | 197.7 | 196.7 | 195.8 | 194.8 | 195.8 | 196.7 | 197.7 |
| 122.5° | 214.7 | 213.5 | 212.3 | 211.3 | 210.3 | 209.3 | 208.4 | 207.3 | 208.4 | 209.3 | 210.3 |
| 125°   | 232.9 | 231.7 | 230.6 | 229.5 | 228.8 | 227.9 | 227.1 | 226.4 | 227.1 | 227.9 | 228.8 |
| 127.5° | 249.8 | 248.8 | 248.0 | 247.1 | 246.2 | 245.3 | 244.4 | 243.5 | 244.4 | 245.3 | 246.2 |
| 130°   | 260.6 | 259.9 | 259.2 | 258.4 | 257.4 | 256.4 | 255.5 | 254.4 | 255.5 | 256.4 | 257.4 |
| 132.5° | 271.0 | 270.4 | 269.7 | 269.0 | 268.1 | 267.3 | 266.4 | 265.6 | 266.4 | 267.3 | 268.1 |
| 135°   | 285.9 | 285.3 | 284.8 | 284.0 | 283.0 | 282.1 | 281.0 | 280.1 | 281.0 | 282.1 | 283.0 |
| 137.5° | 299.4 | 298.8 | 298.2 | 297.5 | 296.8 | 296.1 | 295.4 | 294.7 | 295.4 | 296.1 | 296.8 |
| 140°   | 308.2 | 307.5 | 306.9 | 306.3 | 305.7 | 305.2 | 304.8 | 304.3 | 304.8 | 305.2 | 305.7 |
| 142.5° | 316.2 | 315.5 | 314.7 | 314.1 | 313.7 | 313.1 | 312.7 | 312.3 | 312.7 | 313.1 | 313.7 |
| 145°   | 327.3 | 326.1 | 325.1 | 324.6 | 324.7 | 324.8 | 324.9 | 324.9 | 324.9 | 324.8 | 324.7 |
| 147.5° | 337.4 | 336.3 | 335.3 | 334.9 | 335.1 | 335.4 | 335.6 | 335.9 | 335.6 | 335.4 | 335.1 |
| 150°   | 343.5 | 342.5 | 341.6 | 341.2 | 341.6 | 342.1 | 342.5 | 342.9 | 342.5 | 342.1 | 341.6 |
| 152.5° | 349.1 | 348.2 | 347.2 | 347.1 | 347.5 | 348.0 | 348.5 | 349.0 | 348.5 | 348.0 | 347.5 |
| 155°   | 357.1 | 356.4 | 355.6 | 355.5 | 356.0 | 356.6 | 357.1 | 357.7 | 357.1 | 356.6 | 356.0 |
| 157.5° | 363.8 | 363.3 | 362.7 | 362.7 | 363.2 | 363.6 | 364.1 | 364.5 | 364.1 | 363.6 | 363.2 |
| 160°   | 367.8 | 367.5 | 367.1 | 367.1 | 367.5 | 367.8 | 368.2 | 368.6 | 368.2 | 367.8 | 367.5 |
| 162.5° | 371.3 | 370.9 | 370.7 | 370.7 | 371.0 | 371.4 | 371.8 | 372.1 | 371.8 | 371.4 | 371.0 |
| 165°   | 375.7 | 375.6 | 375.4 | 375.5 | 375.8 | 376.2 | 376.6 | 376.9 | 376.6 | 376.2 | 375.8 |
| 167.5° | 379.3 | 379.1 | 378.9 | 379.0 | 379.4 | 379.8 | 380.1 | 380.5 | 380.1 | 379.8 | 379.4 |
| 170°   | 381.2 | 381.0 | 380.9 | 381.0 | 381.4 | 381.8 | 382.1 | 382.5 | 382.1 | 381.8 | 381.4 |
| 172.5° | 382.5 | 382.4 | 382.2 | 382.4 | 382.7 | 383.1 | 383.5 | 383.8 | 383.5 | 383.1 | 382.7 |
| 175°   | 383.9 | 383.8 | 383.7 | 383.8 | 384.3 | 384.7 | 385.1 | 385.6 | 385.1 | 384.7 | 384.3 |
| 177.5° | 384.4 | 384.4 | 384.4 | 384.4 | 384.8 | 385.1 | 385.5 | 385.8 | 385.5 | 385.1 | 384.8 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 502.2 | 501.3 | 498.0 | 496.3 | 493.4 | 490.8 | 489.0 | 489.8 | 490.4 | 490.2 | 489.7 |
| 5°     | 487.8 | 484.1 | 478.4 | 473.6 | 470.0 | 463.6 | 460.8 | 459.4 | 458.2 | 456.9 | 455.6 |
| 7.5°   | 470.6 | 464.8 | 456.7 | 449.7 | 443.2 | 435.1 | 430.5 | 427.8 | 425.0 | 421.9 | 419.1 |
| 10°    | 458.5 | 450.2 | 441.6 | 431.9 | 424.0 | 416.8 | 410.4 | 406.0 | 402.1 | 398.4 | 395.7 |
| 12.5°  | 445.7 | 436.2 | 425.5 | 412.2 | 403.6 | 393.1 | 392.2 | 384.6 | 378.5 | 376.2 | 373.0 |
| 15°    | 425.2 | 411.9 | 398.4 | 382.5 | 375.7 | 366.4 | 360.5 | 354.6 | 349.3 | 345.6 | 344.7 |
| 17.5°  | 402.0 | 384.8 | 371.3 | 360.0 | 348.8 | 339.1 | 333.7 | 329.1 | 324.7 | 319.8 | 319.1 |
| 20°    | 384.4 | 369.5 | 354.8 | 344.8 | 333.3 | 323.5 | 316.8 | 312.2 | 308.4 | 305.5 | 303.0 |
| 22.5°  | 367.6 | 351.3 | 337.9 | 327.0 | 315.6 | 307.7 | 302.5 | 297.9 | 294.8 | 291.6 | 289.2 |
| 25°    | 340.7 | 328.0 | 313.3 | 301.0 | 291.6 | 286.5 | 282.2 | 278.4 | 276.4 | 274.2 | 271.5 |
| 27.5°  | 317.2 | 303.1 | 289.4 | 279.8 | 271.6 | 267.1 | 264.0 | 261.3 | 259.5 | 258.2 | 256.7 |
| 30°    | 300.7 | 286.4 | 275.6 | 266.2 | 259.3 | 254.9 | 252.9 | 251.3 | 249.2 | 248.4 | 247.6 |
| 32.5°  | 284.6 | 271.8 | 262.6 | 254.4 | 248.0 | 245.0 | 243.2 | 241.8 | 240.1 | 239.4 | 237.7 |
| 35°    | 262.1 | 251.3 | 242.4 | 237.8 | 232.6 | 230.0 | 228.7 | 226.7 | 225.2 | 224.4 | 224.1 |
| 37.5°  | 240.8 | 231.5 | 225.6 | 219.8 | 217.6 | 216.0 | 214.1 | 212.8 | 212.3 | 212.2 | 212.0 |
| 40°    | 227.0 | 219.5 | 214.1 | 209.5 | 208.5 | 206.1 | 204.6 | 203.5 | 203.5 | 203.6 | 203.5 |
| 42.5°  | 214.6 | 207.7 | 203.0 | 199.0 | 197.9 | 196.5 | 194.8 | 194.8 | 195.1 | 195.8 | 195.1 |
| 45°    | 195.6 | 190.7 | 187.4 | 185.5 | 183.3 | 181.9 | 181.7 | 182.3 | 182.4 | 182.7 | 183.3 |
| 47.5°  | 178.1 | 174.9 | 171.9 | 169.7 | 168.8 | 168.6 | 168.3 | 169.4 | 170.3 | 170.7 | 171.5 |
| 50°    | 167.8 | 164.1 | 161.5 | 160.1 | 159.4 | 159.0 | 159.4 | 160.6 | 161.4 | 162.3 | 162.9 |
| 52.5°  | 156.3 | 153.6 | 151.9 | 150.8 | 150.5 | 150.8 | 150.8 | 152.1 | 153.3 | 153.8 | 154.0 |
| 55°    | 140.3 | 138.3 | 137.9 | 136.1 | 136.9 | 136.7 | 137.7 | 138.4 | 139.7 | 140.9 | 141.0 |
| 57.5°  | 124.2 | 122.7 | 121.7 | 121.8 | 122.1 | 123.0 | 123.7 | 125.1 | 126.3 | 127.6 | 127.7 |
| 60°    | 113.7 | 112.9 | 112.3 | 112.3 | 112.6 | 113.8 | 114.8 | 116.1 | 116.9 | 117.8 | 118.3 |
| 62.5°  | 103.9 | 103.1 | 102.5 | 102.9 | 103.9 | 104.6 | 105.7 | 106.5 | 107.3 | 108.1 | 108.3 |
| 65°    | 88.6  | 88.3  | 88.8  | 89.2  | 89.4  | 90.3  | 91.7  | 92.3  | 93.1  | 93.5  | 94.9  |
| 67.5°  | 74.5  | 74.6  | 74.5  | 75.0  | 76.2  | 76.4  | 77.7  | 79.0  | 79.2  | 80.0  | 80.8  |
| 70°    | 64.9  | 65.3  | 65.7  | 66.1  | 67.1  | 67.5  | 68.4  | 69.1  | 69.8  | 70.4  | 71.0  |
| 72.5°  | 56.1  | 56.2  | 56.7  | 56.6  | 57.4  | 58.2  | 59.1  | 59.7  | 60.4  | 61.2  | 61.7  |
| 75°    | 43.2  | 43.2  | 43.7  | 43.8  | 44.8  | 45.8  | 45.5  | 46.0  | 46.8  | 47.5  | 48.0  |
| 77.5°  | 31.6  | 31.2  | 31.6  | 31.8  | 32.1  | 32.9  | 33.1  | 33.6  | 34.5  | 34.3  | 34.7  |
| 80°    | 24.0  | 23.5  | 24.0  | 24.3  | 24.3  | 25.2  | 25.2  | 25.7  | 26.2  | 25.7  | 26.2  |
| 82.5°  | 17.1  | 16.9  | 17.3  | 17.4  | 17.7  | 17.7  | 18.0  | 18.1  | 18.7  | 18.4  | 18.7  |
| 85°    | 8.6   | 8.4   | 8.6   | 8.4   | 8.6   | 8.8   | 8.8   | 8.6   | 8.6   | 9.0   | 8.4   |
| 87.5°  | 3.3   | 3.2   | 3.2   | 3.3   | 3.2   | 3.2   | 3.0   | 3.1   | 3.2   | 2.9   | 2.9   |
| 90°    | 3.0   | 3.6   | 4.0   | 4.6   | 5.1   | 5.6   | 5.9   | 6.2   | 6.5   | 6.8   | 7.1   |
| 92.5°  | 5.3   | 5.5   | 5.7   | 5.9   | 6.2   | 6.5   | 6.6   | 6.8   | 7.0   | 7.1   | 7.2   |
| 95°    | 9.9   | 9.1   | 9.6   | 10.0  | 10.4  | 10.8  | 11.2  | 11.5  | 11.8  | 12.1  | 12.2  |
| 97.5°  | 12.9  | 10.5  | 11.5  | 12.5  | 13.5  | 14.6  | 14.8  | 15.1  | 15.2  | 15.5  | 15.7  |
| 100°   | 15.4  | 11.6  | 12.7  | 13.8  | 14.8  | 15.8  | 16.4  | 16.9  | 17.4  | 17.8  | 18.2  |
| 102.5° | 56.8  | 51.5  | 42.7  | 33.9  | 25.1  | 16.3  | 17.0  | 17.6  | 18.3  | 18.9  | 19.3  |
| 105°   | 92.0  | 84.6  | 67.7  | 50.8  | 33.8  | 17.0  | 17.7  | 18.3  | 19.0  | 19.7  | 20.1  |
| 107.5° | 114.2 | 104.8 | 84.6  | 64.3  | 44.0  | 23.8  | 23.1  | 22.4  | 21.7  | 21.0  | 20.8  |
| 110°   | 128.5 | 120.2 | 102.4 | 84.5  | 66.6  | 48.7  | 42.5  | 36.3  | 30.1  | 23.9  | 21.0  |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 142.2 | 140.5 | 136.1 | 131.7 | 127.3 | 122.9 | 100.3 | 77.7  | 55.2  | 32.6  | 21.4  |
| 115°   | 164.3 | 165.6 | 167.1 | 168.7 | 170.2 | 171.8 | 143.1 | 114.5 | 85.8  | 57.2  | 40.6  |
| 117.5° | 184.9 | 186.0 | 187.1 | 188.1 | 189.2 | 190.3 | 183.3 | 176.4 | 169.4 | 162.6 | 151.8 |
| 120°   | 198.5 | 199.6 | 200.7 | 201.8 | 202.9 | 204.1 | 204.8 | 205.5 | 206.3 | 207.0 | 203.2 |
| 122.5° | 211.3 | 212.3 | 213.5 | 214.7 | 216.0 | 217.2 | 217.7 | 218.1 | 218.5 | 219.0 | 218.3 |
| 125°   | 229.5 | 230.6 | 231.7 | 232.9 | 234.0 | 235.2 | 235.7 | 236.1 | 236.5 | 236.9 | 237.3 |
| 127.5° | 247.1 | 248.0 | 248.8 | 249.8 | 250.6 | 251.5 | 252.1 | 252.8 | 253.4 | 254.0 | 254.3 |
| 130°   | 258.4 | 259.2 | 259.9 | 260.6 | 261.3 | 262.0 | 262.6 | 263.3 | 264.0 | 264.7 | 265.0 |
| 132.5° | 269.0 | 269.7 | 270.4 | 271.0 | 271.7 | 272.4 | 273.0 | 273.6 | 274.1 | 274.7 | 275.0 |
| 135°   | 284.0 | 284.8 | 285.3 | 285.9 | 286.5 | 287.1 | 287.7 | 288.3 | 288.9 | 289.5 | 289.7 |
| 137.5° | 297.5 | 298.2 | 298.8 | 299.4 | 300.1 | 300.7 | 301.3 | 301.9 | 302.5 | 303.1 | 303.2 |
| 140°   | 306.3 | 306.9 | 307.5 | 308.2 | 308.9 | 309.5 | 310.1 | 310.6 | 311.3 | 311.8 | 311.9 |
| 142.5° | 314.1 | 314.7 | 315.5 | 316.2 | 317.0 | 317.8 | 318.3 | 318.8 | 319.3 | 319.9 | 319.9 |
| 145°   | 324.6 | 325.1 | 326.1 | 327.3 | 328.3 | 329.3 | 329.8 | 330.2 | 330.6 | 331.1 | 331.1 |
| 147.5° | 334.9 | 335.3 | 336.3 | 337.4 | 338.5 | 339.5 | 339.8 | 340.1 | 340.4 | 340.8 | 340.8 |
| 150°   | 341.2 | 341.6 | 342.5 | 343.5 | 344.5 | 345.5 | 345.9 | 346.2 | 346.6 | 347.0 | 347.0 |
| 152.5° | 347.1 | 347.2 | 348.2 | 349.1 | 350.1 | 351.0 | 351.4 | 351.8 | 352.1 | 352.5 | 352.5 |
| 155°   | 355.5 | 355.6 | 356.4 | 357.1 | 357.8 | 358.5 | 359.0 | 359.3 | 359.6 | 360.1 | 360.0 |
| 157.5° | 362.7 | 362.7 | 363.3 | 363.8 | 364.3 | 364.8 | 365.2 | 365.7 | 366.1 | 366.4 | 366.4 |
| 160°   | 367.1 | 367.1 | 367.5 | 367.8 | 368.2 | 368.6 | 368.9 | 369.4 | 369.7 | 370.1 | 370.1 |
| 162.5° | 370.7 | 370.7 | 370.9 | 371.3 | 371.6 | 372.0 | 372.4 | 372.7 | 373.2 | 373.6 | 373.6 |
| 165°   | 375.5 | 375.4 | 375.6 | 375.7 | 375.9 | 376.1 | 376.5 | 376.9 | 377.4 | 377.8 | 377.8 |
| 167.5° | 379.0 | 378.9 | 379.1 | 379.3 | 379.4 | 379.6 | 380.0 | 380.5 | 380.9 | 381.3 | 381.3 |
| 170°   | 381.0 | 380.9 | 381.0 | 381.2 | 381.3 | 381.4 | 381.9 | 382.3 | 382.7 | 383.1 | 383.1 |
| 172.5° | 382.4 | 382.2 | 382.4 | 382.5 | 382.6 | 382.7 | 383.1 | 383.6 | 384.0 | 384.4 | 384.4 |
| 175°   | 383.8 | 383.7 | 383.8 | 383.9 | 384.1 | 384.2 | 384.6 | 385.0 | 385.5 | 385.9 | 385.8 |
| 177.5° | 384.4 | 384.4 | 384.4 | 384.4 | 384.4 | 384.5 | 384.9 | 385.2 | 385.6 | 385.9 | 385.8 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 488.1 | 487.8 | 487.8 | 486.4 | 487.8 | 487.8 | 488.1 | 489.7 | 490.2 | 490.4 | 489.8 |
| 5°     | 452.8 | 452.2 | 451.3 | 452.2 | 451.3 | 452.2 | 452.8 | 455.6 | 456.9 | 458.2 | 459.4 |
| 7.5°   | 417.8 | 415.5 | 415.2 | 412.8 | 415.2 | 415.5 | 417.8 | 419.1 | 421.9 | 425.0 | 427.8 |
| 10°    | 392.4 | 390.8 | 390.5 | 386.8 | 390.5 | 390.8 | 392.4 | 395.7 | 398.4 | 402.1 | 406.0 |
| 12.5°  | 373.0 | 369.2 | 370.0 | 367.8 | 370.0 | 369.2 | 373.0 | 373.0 | 376.2 | 378.5 | 384.6 |
| 15°    | 339.3 | 339.3 | 338.5 | 335.3 | 338.5 | 339.3 | 339.3 | 344.7 | 345.6 | 349.3 | 354.6 |
| 17.5°  | 315.2 | 314.8 | 313.0 | 313.9 | 313.0 | 314.8 | 315.2 | 319.1 | 319.8 | 324.7 | 329.1 |
| 20°    | 300.8 | 299.6 | 297.3 | 297.3 | 297.3 | 299.6 | 300.8 | 303.0 | 305.5 | 308.4 | 312.2 |
| 22.5°  | 287.2 | 287.1 | 284.6 | 285.4 | 284.6 | 287.1 | 287.2 | 289.2 | 291.6 | 294.8 | 297.9 |
| 25°    | 271.3 | 269.8 | 268.5 | 269.1 | 268.5 | 269.8 | 271.3 | 271.5 | 274.2 | 276.4 | 278.4 |
| 27.5°  | 256.1 | 255.3 | 255.2 | 253.7 | 255.2 | 255.3 | 256.1 | 256.7 | 258.2 | 259.5 | 261.3 |
| 30°    | 247.5 | 245.5 | 245.8 | 244.9 | 245.8 | 245.5 | 247.5 | 247.6 | 248.4 | 249.2 | 251.3 |
| 32.5°  | 237.4 | 236.7 | 236.3 | 235.5 | 236.3 | 236.7 | 237.4 | 237.7 | 239.4 | 240.1 | 241.8 |
| 35°    | 223.8 | 223.9 | 223.0 | 223.3 | 223.0 | 223.9 | 223.8 | 224.1 | 224.4 | 225.2 | 226.7 |
| 37.5°  | 211.8 | 212.4 | 212.0 | 212.1 | 212.0 | 212.4 | 211.8 | 212.0 | 212.2 | 212.3 | 212.8 |
| 40°    | 204.0 | 204.0 | 204.0 | 204.6 | 204.0 | 204.0 | 204.0 | 203.5 | 203.6 | 203.5 | 203.5 |
| 42.5°  | 196.5 | 196.1 | 195.9 | 195.8 | 195.9 | 196.1 | 196.5 | 195.1 | 195.8 | 195.1 | 194.8 |
| 45°    | 183.7 | 184.3 | 184.4 | 183.5 | 184.4 | 184.3 | 183.7 | 183.3 | 182.7 | 182.4 | 182.3 |
| 47.5°  | 172.0 | 172.1 | 172.0 | 172.9 | 172.0 | 172.1 | 172.0 | 171.5 | 170.7 | 170.3 | 169.4 |
| 50°    | 163.9 | 163.5 | 163.9 | 163.5 | 163.9 | 163.5 | 163.9 | 162.9 | 162.3 | 161.4 | 160.6 |
| 52.5°  | 155.3 | 155.4 | 155.2 | 155.1 | 155.2 | 155.4 | 155.3 | 154.0 | 153.8 | 153.3 | 152.1 |
| 55°    | 141.8 | 142.2 | 142.0 | 142.0 | 142.0 | 142.2 | 141.8 | 141.0 | 140.9 | 139.7 | 138.4 |
| 57.5°  | 127.9 | 128.2 | 128.5 | 127.6 | 128.5 | 128.2 | 127.9 | 127.7 | 127.6 | 126.3 | 125.1 |
| 60°    | 118.1 | 119.1 | 118.9 | 118.6 | 118.9 | 119.1 | 118.1 | 118.3 | 117.8 | 116.9 | 116.1 |
| 62.5°  | 109.2 | 109.6 | 109.5 | 109.4 | 109.5 | 109.6 | 109.2 | 108.3 | 108.1 | 107.3 | 106.5 |
| 65°    | 95.5  | 95.8  | 95.2  | 95.8  | 95.2  | 95.8  | 95.5  | 94.9  | 93.5  | 93.1  | 92.3  |
| 67.5°  | 80.6  | 80.8  | 81.2  | 81.5  | 81.2  | 80.8  | 80.6  | 80.8  | 80.0  | 79.2  | 79.0  |
| 70°    | 71.4  | 71.2  | 71.8  | 72.4  | 71.8  | 71.2  | 71.4  | 71.0  | 70.4  | 69.8  | 69.1  |
| 72.5°  | 61.6  | 62.1  | 61.9  | 62.3  | 61.9  | 62.1  | 61.6  | 61.7  | 61.2  | 60.4  | 59.7  |
| 75°    | 47.5  | 48.1  | 48.0  | 48.5  | 48.0  | 48.1  | 47.5  | 48.0  | 47.5  | 46.8  | 46.0  |
| 77.5°  | 34.4  | 34.4  | 34.4  | 34.7  | 34.4  | 34.4  | 34.4  | 34.7  | 34.3  | 34.5  | 33.6  |
| 80°    | 26.2  | 25.8  | 25.4  | 26.2  | 25.4  | 25.8  | 26.2  | 26.2  | 25.7  | 26.2  | 25.7  |
| 82.5°  | 18.3  | 18.4  | 18.1  | 18.1  | 18.1  | 18.4  | 18.3  | 18.7  | 18.4  | 18.7  | 18.1  |
| 85°    | 8.4   | 8.2   | 7.8   | 7.8   | 7.8   | 8.2   | 8.4   | 8.4   | 9.0   | 8.6   | 8.6   |
| 87.5°  | 3.0   | 2.8   | 2.9   | 2.8   | 2.9   | 2.8   | 3.0   | 2.9   | 2.9   | 3.2   | 3.1   |
| 90°    | 7.1   | 7.2   | 7.4   | 7.5   | 7.4   | 7.2   | 7.1   | 7.1   | 6.8   | 6.5   | 6.2   |
| 92.5°  | 7.3   | 7.4   | 7.4   | 7.5   | 7.4   | 7.4   | 7.3   | 7.2   | 7.1   | 7.0   | 6.8   |
| 95°    | 12.1  | 12.1  | 12.1  | 12.0  | 12.1  | 12.1  | 12.1  | 12.2  | 12.1  | 11.8  | 11.5  |
| 97.5°  | 15.8  | 15.8  | 15.9  | 16.0  | 15.9  | 15.8  | 15.8  | 15.7  | 15.5  | 15.2  | 15.1  |
| 100°   | 18.3  | 18.4  | 18.5  | 18.7  | 18.5  | 18.4  | 18.3  | 18.2  | 17.8  | 17.4  | 16.9  |
| 102.5° | 19.5  | 19.6  | 19.8  | 20.0  | 19.8  | 19.6  | 19.5  | 19.3  | 18.9  | 18.3  | 17.6  |
| 105°   | 20.4  | 20.7  | 20.9  | 21.2  | 20.9  | 20.7  | 20.4  | 20.1  | 19.7  | 19.0  | 18.3  |
| 107.5° | 21.0  | 21.3  | 21.5  | 21.8  | 21.5  | 21.3  | 21.0  | 20.8  | 21.0  | 21.7  | 22.4  |
| 110°   | 21.3  | 21.5  | 21.8  | 22.0  | 21.8  | 21.5  | 21.3  | 21.0  | 23.9  | 30.1  | 36.3  |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.6  | 21.8  | 22.0  | 22.2  | 22.0  | 21.8  | 21.6  | 21.4  | 32.6  | 55.2  | 77.7  |
| 115°   | 36.2  | 31.8  | 27.3  | 22.8  | 27.3  | 31.8  | 36.2  | 40.6  | 57.2  | 85.8  | 114.5 |
| 117.5° | 137.2 | 122.5 | 107.9 | 93.2  | 107.9 | 122.5 | 137.2 | 151.8 | 162.6 | 169.4 | 176.4 |
| 120°   | 194.8 | 186.5 | 178.1 | 169.8 | 178.1 | 186.5 | 194.8 | 203.2 | 207.0 | 206.3 | 205.5 |
| 122.5° | 216.8 | 215.2 | 213.5 | 211.9 | 213.5 | 215.2 | 216.8 | 218.3 | 219.0 | 218.5 | 218.1 |
| 125°   | 237.5 | 237.6 | 237.8 | 238.0 | 237.8 | 237.6 | 237.5 | 237.3 | 236.9 | 236.5 | 236.1 |
| 127.5° | 254.4 | 254.4 | 254.4 | 254.5 | 254.4 | 254.4 | 254.4 | 254.3 | 254.0 | 253.4 | 252.8 |
| 130°   | 264.9 | 264.8 | 264.8 | 264.8 | 264.8 | 264.8 | 264.9 | 265.0 | 264.7 | 264.0 | 263.3 |
| 132.5° | 274.9 | 274.9 | 274.8 | 274.7 | 274.8 | 274.9 | 274.9 | 275.0 | 274.7 | 274.1 | 273.6 |
| 135°   | 289.6 | 289.5 | 289.4 | 289.2 | 289.4 | 289.5 | 289.6 | 289.7 | 289.5 | 288.9 | 288.3 |
| 137.5° | 303.1 | 302.9 | 302.6 | 302.5 | 302.6 | 302.9 | 303.1 | 303.2 | 303.1 | 302.5 | 301.9 |
| 140°   | 311.6 | 311.3 | 311.0 | 310.6 | 311.0 | 311.3 | 311.6 | 311.9 | 311.8 | 311.3 | 310.6 |
| 142.5° | 319.6 | 319.3 | 319.0 | 318.7 | 319.0 | 319.3 | 319.6 | 319.9 | 319.9 | 319.3 | 318.8 |
| 145°   | 330.8 | 330.5 | 330.2 | 329.8 | 330.2 | 330.5 | 330.8 | 331.1 | 331.1 | 330.6 | 330.2 |
| 147.5° | 340.5 | 340.3 | 340.0 | 339.8 | 340.0 | 340.3 | 340.5 | 340.8 | 340.8 | 340.4 | 340.1 |
| 150°   | 346.7 | 346.4 | 346.0 | 345.8 | 346.0 | 346.4 | 346.7 | 347.0 | 347.0 | 346.6 | 346.2 |
| 152.5° | 352.1 | 351.7 | 351.3 | 350.9 | 351.3 | 351.7 | 352.1 | 352.5 | 352.5 | 352.1 | 351.8 |
| 155°   | 359.5 | 359.0 | 358.5 | 358.0 | 358.5 | 359.0 | 359.5 | 360.0 | 360.1 | 359.6 | 359.3 |
| 157.5° | 365.9 | 365.5 | 365.0 | 364.5 | 365.0 | 365.5 | 365.9 | 366.4 | 366.4 | 366.1 | 365.7 |
| 160°   | 369.6 | 369.2 | 368.8 | 368.3 | 368.8 | 369.2 | 369.6 | 370.1 | 370.1 | 369.7 | 369.4 |
| 162.5° | 373.0 | 372.5 | 372.0 | 371.4 | 372.0 | 372.5 | 373.0 | 373.6 | 373.6 | 373.2 | 372.7 |
| 165°   | 377.4 | 376.9 | 376.5 | 376.1 | 376.5 | 376.9 | 377.4 | 377.8 | 377.8 | 377.4 | 376.9 |
| 167.5° | 380.7 | 380.1 | 379.6 | 379.0 | 379.6 | 380.1 | 380.7 | 381.3 | 381.3 | 380.9 | 380.5 |
| 170°   | 382.5 | 381.9 | 381.4 | 380.8 | 381.4 | 381.9 | 382.5 | 383.1 | 383.1 | 382.7 | 382.3 |
| 172.5° | 383.8 | 383.3 | 382.7 | 382.2 | 382.7 | 383.3 | 383.8 | 384.4 | 384.4 | 384.0 | 383.6 |
| 175°   | 385.2 | 384.6 | 383.9 | 383.3 | 383.9 | 384.6 | 385.2 | 385.8 | 385.9 | 385.5 | 385.0 |
| 177.5° | 385.4 | 385.0 | 384.5 | 384.1 | 384.5 | 385.0 | 385.4 | 385.8 | 385.9 | 385.6 | 385.2 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 489.0 | 490.8 | 493.4 | 496.3 | 498.0 | 501.3 | 502.2 | 503.8 | 505.1 | 508.4 | 511.9 |
| 5°     | 460.8 | 463.6 | 470.0 | 473.6 | 478.4 | 484.1 | 487.8 | 491.7 | 496.0 | 503.4 | 510.3 |
| 7.5°   | 430.5 | 435.1 | 443.2 | 449.7 | 456.7 | 464.8 | 470.6 | 478.4 | 484.8 | 495.3 | 505.3 |
| 10°    | 410.4 | 416.8 | 424.0 | 431.9 | 441.6 | 450.2 | 458.5 | 468.2 | 476.0 | 488.6 | 500.3 |
| 12.5°  | 392.2 | 393.1 | 403.6 | 412.2 | 425.5 | 436.2 | 445.7 | 458.2 | 465.9 | 480.8 | 493.1 |
| 15°    | 360.5 | 366.4 | 375.7 | 382.5 | 398.4 | 411.9 | 425.2 | 438.3 | 447.1 | 465.5 | 481.7 |
| 17.5°  | 333.7 | 339.1 | 348.8 | 360.0 | 371.3 | 384.8 | 402.0 | 415.9 | 427.8 | 448.8 | 468.0 |
| 20°    | 316.8 | 323.5 | 333.3 | 344.8 | 354.8 | 369.5 | 384.4 | 400.2 | 413.1 | 436.8 | 459.3 |
| 22.5°  | 302.5 | 307.7 | 315.6 | 327.0 | 337.9 | 351.3 | 367.6 | 384.9 | 398.4 | 424.0 | 446.7 |
| 25°    | 282.2 | 286.5 | 291.6 | 301.0 | 313.3 | 328.0 | 340.7 | 359.7 | 379.4 | 403.3 | 430.8 |
| 27.5°  | 264.0 | 267.1 | 271.6 | 279.8 | 289.4 | 303.1 | 317.2 | 335.2 | 355.1 | 381.0 | 410.1 |
| 30°    | 252.9 | 254.9 | 259.3 | 266.2 | 275.6 | 286.4 | 300.7 | 317.8 | 338.2 | 364.4 | 393.3 |
| 32.5°  | 243.2 | 245.0 | 248.0 | 254.4 | 262.6 | 271.8 | 284.6 | 301.9 | 321.2 | 347.0 | 379.1 |
| 35°    | 228.7 | 230.0 | 232.6 | 237.8 | 242.4 | 251.3 | 262.1 | 277.8 | 295.9 | 320.6 | 353.8 |
| 37.5°  | 214.1 | 216.0 | 217.6 | 219.8 | 225.6 | 231.5 | 240.8 | 254.1 | 271.9 | 296.8 | 328.5 |
| 40°    | 204.6 | 206.1 | 208.5 | 209.5 | 214.1 | 219.5 | 227.0 | 239.2 | 257.2 | 279.9 | 310.8 |
| 42.5°  | 194.8 | 196.5 | 197.9 | 199.0 | 203.0 | 207.7 | 214.6 | 225.0 | 240.9 | 262.9 | 293.6 |
| 45°    | 181.7 | 181.9 | 183.3 | 185.5 | 187.4 | 190.7 | 195.6 | 204.6 | 216.9 | 237.6 | 265.4 |
| 47.5°  | 168.3 | 168.6 | 168.8 | 169.7 | 171.9 | 174.9 | 178.1 | 185.5 | 196.5 | 213.0 | 240.0 |
| 50°    | 159.4 | 159.0 | 159.4 | 160.1 | 161.5 | 164.1 | 167.8 | 173.1 | 182.1 | 197.5 | 222.4 |
| 52.5°  | 150.8 | 150.8 | 150.5 | 150.8 | 151.9 | 153.6 | 156.3 | 160.7 | 168.8 | 183.0 | 204.8 |
| 55°    | 137.7 | 136.7 | 136.9 | 136.1 | 137.9 | 138.3 | 140.3 | 144.0 | 151.0 | 160.7 | 181.3 |
| 57.5°  | 123.7 | 123.0 | 122.1 | 121.8 | 121.7 | 122.7 | 124.2 | 127.2 | 132.6 | 141.2 | 157.8 |
| 60°    | 114.8 | 113.8 | 112.6 | 112.3 | 112.3 | 112.9 | 113.7 | 115.8 | 120.9 | 128.5 | 142.2 |
| 62.5°  | 105.7 | 104.6 | 103.9 | 102.9 | 102.5 | 103.1 | 103.9 | 105.5 | 109.2 | 116.3 | 128.1 |
| 65°    | 91.7  | 90.3  | 89.4  | 89.2  | 88.8  | 88.3  | 88.6  | 90.1  | 93.1  | 98.8  | 108.1 |
| 67.5°  | 77.7  | 76.4  | 76.2  | 75.0  | 74.5  | 74.6  | 74.5  | 75.8  | 77.6  | 82.5  | 89.5  |
| 70°    | 68.4  | 67.5  | 67.1  | 66.1  | 65.7  | 65.3  | 64.9  | 66.1  | 67.8  | 72.0  | 78.0  |
| 72.5°  | 59.1  | 58.2  | 57.4  | 56.6  | 56.7  | 56.2  | 56.1  | 56.9  | 58.3  | 62.1  | 66.8  |
| 75°    | 45.5  | 45.8  | 44.8  | 43.8  | 43.7  | 43.2  | 43.2  | 43.8  | 44.4  | 47.4  | 51.1  |
| 77.5°  | 33.1  | 32.9  | 32.1  | 31.8  | 31.6  | 31.2  | 31.6  | 31.9  | 32.3  | 34.3  | 36.9  |
| 80°    | 25.2  | 25.2  | 24.3  | 24.3  | 24.0  | 23.5  | 24.0  | 23.7  | 24.5  | 26.4  | 28.3  |
| 82.5°  | 18.0  | 17.7  | 17.7  | 17.4  | 17.3  | 16.9  | 17.1  | 17.6  | 17.9  | 19.2  | 20.4  |
| 85°    | 8.8   | 8.8   | 8.6   | 8.4   | 8.6   | 8.4   | 8.6   | 8.8   | 9.0   | 9.6   | 10.6  |
| 87.5°  | 3.0   | 3.2   | 3.2   | 3.3   | 3.2   | 3.2   | 3.3   | 3.3   | 3.4   | 3.4   | 3.5   |
| 90°    | 5.9   | 5.6   | 5.1   | 4.6   | 4.0   | 3.6   | 3.0   | 2.3   | 1.6   | 0.9   | 0.3   |
| 92.5°  | 6.6   | 6.5   | 6.2   | 5.9   | 5.7   | 5.5   | 5.3   | 5.4   | 5.5   | 5.6   | 5.6   |
| 95°    | 11.2  | 10.8  | 10.4  | 10.0  | 9.6   | 9.1   | 9.9   | 12.0  | 14.0  | 16.0  | 18.1  |
| 97.5°  | 14.8  | 14.6  | 13.5  | 12.5  | 11.5  | 10.5  | 12.9  | 18.7  | 24.4  | 30.1  | 35.9  |
| 100°   | 16.4  | 15.8  | 14.8  | 13.8  | 12.7  | 11.6  | 15.4  | 23.8  | 32.3  | 40.8  | 49.2  |
| 102.5° | 17.0  | 16.3  | 25.1  | 33.9  | 42.7  | 51.5  | 56.8  | 58.6  | 60.4  | 62.2  | 64.0  |
| 105°   | 17.7  | 17.0  | 33.8  | 50.8  | 67.7  | 84.6  | 92.0  | 90.2  | 88.3  | 86.4  | 84.6  |
| 107.5° | 23.1  | 23.8  | 44.0  | 64.3  | 84.6  | 104.8 | 114.2 | 112.7 | 111.2 | 109.7 | 108.1 |
| 110°   | 42.5  | 48.7  | 66.6  | 84.5  | 102.4 | 120.2 | 128.5 | 127.3 | 126.0 | 124.6 | 123.3 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.3 | 122.9 | 127.3 | 131.7 | 136.1 | 140.5 | 142.2 | 141.0 | 139.9 | 138.7 | 137.6 |
| 115°   | 143.1 | 171.8 | 170.2 | 168.7 | 167.1 | 165.6 | 164.3 | 163.2 | 162.2 | 161.1 | 160.1 |
| 117.5° | 183.3 | 190.3 | 189.2 | 188.1 | 187.1 | 186.0 | 184.9 | 183.7 | 182.5 | 181.3 | 180.2 |
| 120°   | 204.8 | 204.1 | 202.9 | 201.8 | 200.7 | 199.6 | 198.5 | 197.7 | 196.7 | 195.8 | 194.8 |
| 122.5° | 217.7 | 217.2 | 216.0 | 214.7 | 213.5 | 212.3 | 211.3 | 210.3 | 209.3 | 208.4 | 207.3 |
| 125°   | 235.7 | 235.2 | 234.0 | 232.9 | 231.7 | 230.6 | 229.5 | 228.8 | 227.9 | 227.1 | 226.4 |
| 127.5° | 252.1 | 251.5 | 250.6 | 249.8 | 248.8 | 248.0 | 247.1 | 246.2 | 245.3 | 244.4 | 243.5 |
| 130°   | 262.6 | 262.0 | 261.3 | 260.6 | 259.9 | 259.2 | 258.4 | 257.4 | 256.4 | 255.5 | 254.4 |
| 132.5° | 273.0 | 272.4 | 271.7 | 271.0 | 270.4 | 269.7 | 269.0 | 268.1 | 267.3 | 266.4 | 265.6 |
| 135°   | 287.7 | 287.1 | 286.5 | 285.9 | 285.3 | 284.8 | 284.0 | 283.0 | 282.1 | 281.0 | 280.1 |
| 137.5° | 301.3 | 300.7 | 300.1 | 299.4 | 298.8 | 298.2 | 297.5 | 296.8 | 296.1 | 295.4 | 294.7 |
| 140°   | 310.1 | 309.5 | 308.9 | 308.2 | 307.5 | 306.9 | 306.3 | 305.7 | 305.2 | 304.8 | 304.3 |
| 142.5° | 318.3 | 317.8 | 317.0 | 316.2 | 315.5 | 314.7 | 314.1 | 313.7 | 313.1 | 312.7 | 312.3 |
| 145°   | 329.8 | 329.3 | 328.3 | 327.3 | 326.1 | 325.1 | 324.6 | 324.7 | 324.8 | 324.9 | 324.9 |
| 147.5° | 339.8 | 339.5 | 338.5 | 337.4 | 336.3 | 335.3 | 334.9 | 335.1 | 335.4 | 335.6 | 335.9 |
| 150°   | 345.9 | 345.5 | 344.5 | 343.5 | 342.5 | 341.6 | 341.2 | 341.6 | 342.1 | 342.5 | 342.9 |
| 152.5° | 351.4 | 351.0 | 350.1 | 349.1 | 348.2 | 347.2 | 347.1 | 347.5 | 348.0 | 348.5 | 349.0 |
| 155°   | 359.0 | 358.5 | 357.8 | 357.1 | 356.4 | 355.6 | 355.5 | 356.0 | 356.6 | 357.1 | 357.7 |
| 157.5° | 365.2 | 364.8 | 364.3 | 363.8 | 363.3 | 362.7 | 362.7 | 363.2 | 363.6 | 364.1 | 364.5 |
| 160°   | 368.9 | 368.6 | 368.2 | 367.8 | 367.5 | 367.1 | 367.1 | 367.5 | 367.8 | 368.2 | 368.6 |
| 162.5° | 372.4 | 372.0 | 371.6 | 371.3 | 370.9 | 370.7 | 370.7 | 371.0 | 371.4 | 371.8 | 372.1 |
| 165°   | 376.5 | 376.1 | 375.9 | 375.7 | 375.6 | 375.4 | 375.5 | 375.8 | 376.2 | 376.6 | 376.9 |
| 167.5° | 380.0 | 379.6 | 379.4 | 379.3 | 379.1 | 378.9 | 379.0 | 379.4 | 379.8 | 380.1 | 380.5 |
| 170°   | 381.9 | 381.4 | 381.3 | 381.2 | 381.0 | 380.9 | 381.0 | 381.4 | 381.8 | 382.1 | 382.5 |
| 172.5° | 383.1 | 382.7 | 382.6 | 382.5 | 382.4 | 382.2 | 382.4 | 382.7 | 383.1 | 383.5 | 383.8 |
| 175°   | 384.6 | 384.2 | 384.1 | 383.9 | 383.8 | 383.7 | 383.8 | 384.3 | 384.7 | 385.1 | 385.6 |
| 177.5° | 384.9 | 384.5 | 384.4 | 384.4 | 384.4 | 384.4 | 384.4 | 384.8 | 385.1 | 385.5 | 385.8 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 511.6 | 512.4 | 514.9 | 517.4 | 520.2 | 521.0 | 522.2 | 521.2 | 520.8 | 523.7 | 526.0 |
| 5°     | 513.1 | 516.5 | 523.4 | 529.7 | 534.9 | 538.6 | 542.6 | 544.2 | 547.1 | 551.1 | 556.3 |
| 7.5°   | 511.3 | 518.2 | 529.0 | 538.1 | 548.0 | 555.2 | 560.8 | 565.6 | 571.4 | 579.1 | 587.6 |
| 10°    | 509.5 | 518.7 | 531.8 | 542.9 | 555.1 | 564.3 | 571.9 | 579.4 | 588.0 | 598.7 | 609.8 |
| 12.5°  | 506.1 | 516.9 | 533.4 | 546.6 | 562.1 | 571.2 | 581.4 | 597.4 | 606.7 | 621.7 | 637.4 |
| 15°    | 499.1 | 511.3 | 534.2 | 550.4 | 568.0 | 585.2 | 604.2 | 619.4 | 634.6 | 643.5 | 665.6 |
| 17.5°  | 488.9 | 506.6 | 532.0 | 551.0 | 573.3 | 600.4 | 621.7 | 639.0 | 656.6 | 670.9 | 682.0 |
| 20°    | 480.5 | 499.9 | 528.9 | 551.6 | 578.2 | 607.3 | 631.7 | 649.4 | 664.6 | 676.6 | 683.4 |
| 22.5°  | 470.1 | 494.5 | 522.6 | 549.2 | 583.2 | 612.0 | 637.7 | 651.5 | 664.3 | 670.1 | 672.8 |
| 25°    | 453.6 | 482.9 | 514.8 | 547.3 | 585.6 | 616.1 | 639.6 | 648.0 | 651.7 | 646.0 | 636.6 |
| 27.5°  | 435.8 | 468.5 | 505.8 | 543.5 | 584.1 | 613.5 | 630.3 | 629.0 | 622.7 | 604.2 | 589.6 |
| 30°    | 422.5 | 458.5 | 498.5 | 539.8 | 580.5 | 609.1 | 618.8 | 609.1 | 594.8 | 574.3 | 553.3 |
| 32.5°  | 408.5 | 445.8 | 490.9 | 534.5 | 573.9 | 599.1 | 601.2 | 584.4 | 562.2 | 538.9 | 512.8 |
| 35°    | 387.4 | 427.7 | 476.5 | 522.6 | 560.0 | 575.8 | 566.5 | 536.7 | 510.5 | 478.6 | 443.0 |
| 37.5°  | 363.6 | 408.1 | 456.9 | 505.2 | 539.1 | 543.2 | 519.9 | 488.6 | 451.6 | 414.1 | 372.2 |
| 40°    | 345.8 | 393.0 | 443.2 | 491.9 | 521.9 | 517.5 | 487.8 | 453.4 | 409.4 | 363.6 | 324.7 |
| 42.5°  | 329.8 | 376.9 | 428.2 | 476.0 | 499.9 | 488.1 | 453.4 | 411.1 | 363.9 | 320.7 | 285.1 |
| 45°    | 302.2 | 350.7 | 403.1 | 449.3 | 463.0 | 441.6 | 395.7 | 348.7 | 302.2 | 266.2 | 238.1 |
| 47.5°  | 275.3 | 323.3 | 375.2 | 415.8 | 420.6 | 391.9 | 341.7 | 293.4 | 253.4 | 224.1 | 204.2 |
| 50°    | 255.6 | 303.8 | 355.2 | 391.4 | 389.8 | 355.2 | 303.6 | 257.6 | 224.1 | 200.4 | 187.2 |
| 52.5°  | 238.0 | 283.4 | 332.8 | 365.8 | 357.4 | 319.7 | 270.4 | 229.5 | 202.1 | 183.6 | 171.5 |
| 55°    | 210.4 | 252.5 | 299.5 | 325.9 | 310.6 | 268.7 | 227.0 | 194.2 | 173.8 | 160.0 | 150.6 |
| 57.5°  | 183.1 | 222.6 | 262.8 | 279.1 | 262.2 | 223.5 | 188.8 | 165.0 | 149.6 | 139.4 | 133.3 |
| 60°    | 166.3 | 200.7 | 236.4 | 250.6 | 230.4 | 196.0 | 168.6 | 147.3 | 134.9 | 126.6 | 121.1 |
| 62.5°  | 149.4 | 180.2 | 214.0 | 221.6 | 203.2 | 174.1 | 149.8 | 132.1 | 122.0 | 114.5 | 109.3 |
| 65°    | 126.3 | 151.6 | 177.2 | 182.3 | 165.3 | 142.8 | 123.6 | 112.1 | 103.1 | 97.6  | 93.5  |
| 67.5°  | 103.7 | 123.9 | 142.1 | 146.1 | 131.2 | 115.6 | 101.8 | 91.7  | 85.7  | 81.1  | 77.6  |
| 70°    | 90.1  | 106.2 | 121.1 | 124.4 | 112.4 | 98.6  | 88.0  | 80.0  | 74.5  | 70.6  | 67.2  |
| 72.5°  | 75.9  | 89.3  | 101.7 | 103.9 | 94.2  | 83.5  | 74.9  | 68.5  | 63.7  | 61.2  | 58.0  |
| 75°    | 58.1  | 66.0  | 75.5  | 76.1  | 69.7  | 63.2  | 56.6  | 52.4  | 49.9  | 46.8  | 45.2  |
| 77.5°  | 41.0  | 47.1  | 52.6  | 53.6  | 49.9  | 45.5  | 41.8  | 38.5  | 36.3  | 34.9  | 33.4  |
| 80°    | 31.3  | 36.2  | 38.6  | 39.9  | 37.2  | 34.0  | 31.9  | 29.7  | 28.3  | 27.4  | 26.4  |
| 82.5°  | 22.4  | 25.4  | 27.6  | 28.7  | 27.1  | 25.2  | 23.2  | 21.9  | 20.8  | 20.1  | 19.7  |
| 85°    | 11.4  | 12.7  | 14.1  | 14.5  | 14.1  | 13.3  | 12.1  | 12.1  | 11.5  | 11.4  | 11.4  |
| 87.5°  | 4.1   | 4.9   | 5.0   | 5.6   | 5.4   | 5.5   | 5.6   | 5.5   | 5.5   | 5.4   | 5.3   |
| 90°    | 0.9   | 1.6   | 2.3   | 3.0   | 3.6   | 4.0   | 4.6   | 5.1   | 5.6   | 5.9   | 6.2   |
| 92.5°  | 5.6   | 5.5   | 5.4   | 5.3   | 5.5   | 5.7   | 5.9   | 6.2   | 6.5   | 6.6   | 6.8   |
| 95°    | 16.0  | 14.0  | 12.0  | 9.9   | 9.1   | 9.6   | 10.0  | 10.4  | 10.8  | 11.2  | 11.5  |
| 97.5°  | 30.1  | 24.4  | 18.7  | 12.9  | 10.5  | 11.5  | 12.5  | 13.5  | 14.6  | 14.8  | 15.1  |
| 100°   | 40.8  | 32.3  | 23.8  | 15.4  | 11.6  | 12.7  | 13.8  | 14.8  | 15.8  | 16.4  | 16.9  |
| 102.5° | 62.2  | 60.4  | 58.6  | 56.8  | 51.5  | 42.7  | 33.9  | 25.1  | 16.3  | 17.0  | 17.6  |
| 105°   | 86.4  | 88.3  | 90.2  | 92.0  | 84.6  | 67.7  | 50.8  | 33.8  | 17.0  | 17.7  | 18.3  |
| 107.5° | 109.7 | 111.2 | 112.7 | 114.2 | 104.8 | 84.6  | 64.3  | 44.0  | 23.8  | 23.1  | 22.4  |
| 110°   | 124.6 | 126.0 | 127.3 | 128.5 | 120.2 | 102.4 | 84.5  | 66.6  | 48.7  | 42.5  | 36.3  |





TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.7 | 139.9 | 141.0 | 142.2 | 140.5 | 136.1 | 131.7 | 127.3 | 122.9 | 100.3 | 77.7  |
| 115°   | 161.1 | 162.2 | 163.2 | 164.3 | 165.6 | 167.1 | 168.7 | 170.2 | 171.8 | 143.1 | 114.5 |
| 117.5° | 181.3 | 182.5 | 183.7 | 184.9 | 186.0 | 187.1 | 188.1 | 189.2 | 190.3 | 183.3 | 176.4 |
| 120°   | 195.8 | 196.7 | 197.7 | 198.5 | 199.6 | 200.7 | 201.8 | 202.9 | 204.1 | 204.8 | 205.5 |
| 122.5° | 208.4 | 209.3 | 210.3 | 211.3 | 212.3 | 213.5 | 214.7 | 216.0 | 217.2 | 217.7 | 218.1 |
| 125°   | 227.1 | 227.9 | 228.8 | 229.5 | 230.6 | 231.7 | 232.9 | 234.0 | 235.2 | 235.7 | 236.1 |
| 127.5° | 244.4 | 245.3 | 246.2 | 247.1 | 248.0 | 248.8 | 249.8 | 250.6 | 251.5 | 252.1 | 252.8 |
| 130°   | 255.5 | 256.4 | 257.4 | 258.4 | 259.2 | 259.9 | 260.6 | 261.3 | 262.0 | 262.6 | 263.3 |
| 132.5° | 266.4 | 267.3 | 268.1 | 269.0 | 269.7 | 270.4 | 271.0 | 271.7 | 272.4 | 273.0 | 273.6 |
| 135°   | 281.0 | 282.1 | 283.0 | 284.0 | 284.8 | 285.3 | 285.9 | 286.5 | 287.1 | 287.7 | 288.3 |
| 137.5° | 295.4 | 296.1 | 296.8 | 297.5 | 298.2 | 298.8 | 299.4 | 300.1 | 300.7 | 301.3 | 301.9 |
| 140°   | 304.8 | 305.2 | 305.7 | 306.3 | 306.9 | 307.5 | 308.2 | 308.9 | 309.5 | 310.1 | 310.6 |
| 142.5° | 312.7 | 313.1 | 313.7 | 314.1 | 314.7 | 315.5 | 316.2 | 317.0 | 317.8 | 318.3 | 318.8 |
| 145°   | 324.9 | 324.8 | 324.7 | 324.6 | 325.1 | 326.1 | 327.3 | 328.3 | 329.3 | 329.8 | 330.2 |
| 147.5° | 335.6 | 335.4 | 335.1 | 334.9 | 335.3 | 336.3 | 337.4 | 338.5 | 339.5 | 339.8 | 340.1 |
| 150°   | 342.5 | 342.1 | 341.6 | 341.2 | 341.6 | 342.5 | 343.5 | 344.5 | 345.5 | 345.9 | 346.2 |
| 152.5° | 348.5 | 348.0 | 347.5 | 347.1 | 347.2 | 348.2 | 349.1 | 350.1 | 351.0 | 351.4 | 351.8 |
| 155°   | 357.1 | 356.6 | 356.0 | 355.5 | 355.6 | 356.4 | 357.1 | 357.8 | 358.5 | 359.0 | 359.3 |
| 157.5° | 364.1 | 363.6 | 363.2 | 362.7 | 362.7 | 363.3 | 363.8 | 364.3 | 364.8 | 365.2 | 365.7 |
| 160°   | 368.2 | 367.8 | 367.5 | 367.1 | 367.1 | 367.5 | 367.8 | 368.2 | 368.6 | 368.9 | 369.4 |
| 162.5° | 371.8 | 371.4 | 371.0 | 370.7 | 370.7 | 370.9 | 371.3 | 371.6 | 372.0 | 372.4 | 372.7 |
| 165°   | 376.6 | 376.2 | 375.8 | 375.5 | 375.4 | 375.6 | 375.7 | 375.9 | 376.1 | 376.5 | 376.9 |
| 167.5° | 380.1 | 379.8 | 379.4 | 379.0 | 378.9 | 379.1 | 379.3 | 379.4 | 379.6 | 380.0 | 380.5 |
| 170°   | 382.1 | 381.8 | 381.4 | 381.0 | 380.9 | 381.0 | 381.2 | 381.3 | 381.4 | 381.9 | 382.3 |
| 172.5° | 383.5 | 383.1 | 382.7 | 382.4 | 382.2 | 382.4 | 382.5 | 382.6 | 382.7 | 383.1 | 383.6 |
| 175°   | 385.1 | 384.7 | 384.3 | 383.8 | 383.7 | 383.8 | 383.9 | 384.1 | 384.2 | 384.6 | 385.0 |
| 177.5° | 385.5 | 385.1 | 384.8 | 384.4 | 384.4 | 384.4 | 384.4 | 384.4 | 384.5 | 384.9 | 385.2 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 | 508.9 |
| 2.5°   | 527.9 | 530.0 | 530.0 | 530.4 | 532.9 | 532.5 | 532.4 |
| 5°     | 561.7 | 565.1 | 565.4 | 568.9 | 571.3 | 570.5 | 568.3 |
| 7.5°   | 593.7 | 599.9 | 604.6 | 607.2 | 610.3 | 612.2 | 611.3 |
| 10°    | 619.1 | 628.0 | 633.5 | 637.2 | 641.7 | 645.1 | 643.9 |
| 12.5°  | 642.0 | 652.7 | 660.3 | 666.7 | 667.2 | 671.5 | 668.6 |
| 15°    | 678.0 | 689.2 | 690.4 | 695.1 | 698.9 | 698.4 | 698.6 |
| 17.5°  | 689.7 | 693.4 | 694.1 | 694.2 | 694.3 | 692.9 | 689.9 |
| 20°    | 685.5 | 684.2 | 680.9 | 678.3 | 673.8 | 673.2 | 669.3 |
| 22.5°  | 665.5 | 661.2 | 652.8 | 647.3 | 640.3 | 638.5 | 637.4 |
| 25°    | 626.1 | 616.5 | 603.2 | 590.5 | 586.9 | 580.1 | 582.0 |
| 27.5°  | 572.0 | 557.1 | 542.6 | 532.4 | 523.0 | 512.7 | 515.7 |
| 30°    | 534.0 | 517.1 | 496.8 | 481.1 | 471.1 | 461.4 | 459.6 |
| 32.5°  | 488.6 | 463.9 | 441.3 | 427.5 | 412.2 | 406.0 | 399.2 |
| 35°    | 410.4 | 386.2 | 363.8 | 344.4 | 333.3 | 324.7 | 316.8 |
| 37.5°  | 340.0 | 312.3 | 294.1 | 278.4 | 270.4 | 265.4 | 266.7 |
| 40°    | 296.4 | 272.1 | 258.7 | 246.8 | 239.4 | 235.9 | 236.7 |
| 42.5°  | 261.0 | 242.8 | 231.9 | 223.7 | 218.4 | 216.5 | 216.0 |
| 45°    | 220.8 | 210.7 | 201.6 | 197.0 | 194.4 | 192.3 | 190.9 |
| 47.5°  | 193.5 | 185.1 | 180.0 | 177.3 | 175.0 | 172.9 | 172.8 |
| 50°    | 177.0 | 171.5 | 168.0 | 165.1 | 163.3 | 161.8 | 163.2 |
| 52.5°  | 164.5 | 159.5 | 155.9 | 153.3 | 152.7 | 151.3 | 151.2 |
| 55°    | 145.9 | 142.0 | 139.5 | 137.1 | 136.0 | 135.2 | 134.1 |
| 57.5°  | 129.0 | 125.3 | 123.0 | 121.5 | 119.2 | 118.5 | 118.1 |
| 60°    | 116.9 | 114.0 | 111.7 | 109.7 | 108.7 | 107.2 | 107.2 |
| 62.5°  | 105.8 | 102.9 | 100.7 | 99.3  | 97.6  | 97.0  | 97.2  |
| 65°    | 89.8  | 87.4  | 85.2  | 83.7  | 83.3  | 82.1  | 82.6  |
| 67.5°  | 75.0  | 73.4  | 71.1  | 70.3  | 69.6  | 69.0  | 68.4  |
| 70°    | 65.1  | 63.5  | 62.4  | 61.2  | 60.6  | 60.6  | 60.6  |
| 72.5°  | 56.8  | 54.9  | 54.2  | 52.8  | 53.1  | 52.5  | 51.8  |
| 75°    | 44.0  | 42.8  | 42.3  | 41.7  | 40.7  | 40.7  | 40.7  |
| 77.5°  | 32.4  | 32.0  | 31.3  | 30.7  | 30.5  | 30.3  | 30.4  |
| 80°    | 25.1  | 24.8  | 24.5  | 24.5  | 24.0  | 23.8  | 23.5  |
| 82.5°  | 19.3  | 18.8  | 18.5  | 18.3  | 18.3  | 18.3  | 18.2  |
| 85°    | 10.9  | 10.6  | 10.6  | 10.8  | 10.3  | 10.3  | 10.6  |
| 87.5°  | 5.5   | 5.6   | 5.5   | 5.5   | 5.7   | 5.5   | 5.6   |
| 90°    | 6.5   | 6.8   | 7.1   | 7.1   | 7.2   | 7.4   | 7.5   |
| 92.5°  | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.4   | 7.5   |
| 95°    | 11.8  | 12.1  | 12.2  | 12.1  | 12.1  | 12.1  | 12.0  |
| 97.5°  | 15.2  | 15.5  | 15.7  | 15.8  | 15.8  | 15.9  | 16.0  |
| 100°   | 17.4  | 17.8  | 18.2  | 18.3  | 18.4  | 18.5  | 18.7  |
| 102.5° | 18.3  | 18.9  | 19.3  | 19.5  | 19.6  | 19.8  | 20.0  |
| 105°   | 19.0  | 19.7  | 20.1  | 20.4  | 20.7  | 20.9  | 21.2  |
| 107.5° | 21.7  | 21.0  | 20.8  | 21.0  | 21.3  | 21.5  | 21.8  |
| 110°   | 30.1  | 23.9  | 21.0  | 21.3  | 21.5  | 21.8  | 22.0  |



TEST NUMBER: P331240-935

CATALOG NUMBER: S122DIP-S290D330U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 55.2  | 32.6  | 21.4  | 21.6  | 21.8  | 22.0  | 22.2  |
| 115°   | 85.8  | 57.2  | 40.6  | 36.2  | 31.8  | 27.3  | 22.8  |
| 117.5° | 169.4 | 162.6 | 151.8 | 137.2 | 122.5 | 107.9 | 93.2  |
| 120°   | 206.3 | 207.0 | 203.2 | 194.8 | 186.5 | 178.1 | 169.8 |
| 122.5° | 218.5 | 219.0 | 218.3 | 216.8 | 215.2 | 213.5 | 211.9 |
| 125°   | 236.5 | 236.9 | 237.3 | 237.5 | 237.6 | 237.8 | 238.0 |
| 127.5° | 253.4 | 254.0 | 254.3 | 254.4 | 254.4 | 254.4 | 254.5 |
| 130°   | 264.0 | 264.7 | 265.0 | 264.9 | 264.8 | 264.8 | 264.8 |
| 132.5° | 274.1 | 274.7 | 275.0 | 274.9 | 274.9 | 274.8 | 274.7 |
| 135°   | 288.9 | 289.5 | 289.7 | 289.6 | 289.5 | 289.4 | 289.2 |
| 137.5° | 302.5 | 303.1 | 303.2 | 303.1 | 302.9 | 302.6 | 302.5 |
| 140°   | 311.3 | 311.8 | 311.9 | 311.6 | 311.3 | 311.0 | 310.6 |
| 142.5° | 319.3 | 319.9 | 319.9 | 319.6 | 319.3 | 319.0 | 318.7 |
| 145°   | 330.6 | 331.1 | 331.1 | 330.8 | 330.5 | 330.2 | 329.8 |
| 147.5° | 340.4 | 340.8 | 340.8 | 340.5 | 340.3 | 340.0 | 339.8 |
| 150°   | 346.6 | 347.0 | 347.0 | 346.7 | 346.4 | 346.0 | 345.8 |
| 152.5° | 352.1 | 352.5 | 352.5 | 352.1 | 351.7 | 351.3 | 350.9 |
| 155°   | 359.6 | 360.1 | 360.0 | 359.5 | 359.0 | 358.5 | 358.0 |
| 157.5° | 366.1 | 366.4 | 366.4 | 365.9 | 365.5 | 365.0 | 364.5 |
| 160°   | 369.7 | 370.1 | 370.1 | 369.6 | 369.2 | 368.8 | 368.3 |
| 162.5° | 373.2 | 373.6 | 373.6 | 373.0 | 372.5 | 372.0 | 371.4 |
| 165°   | 377.4 | 377.8 | 377.8 | 377.4 | 376.9 | 376.5 | 376.1 |
| 167.5° | 380.9 | 381.3 | 381.3 | 380.7 | 380.1 | 379.6 | 379.0 |
| 170°   | 382.7 | 383.1 | 383.1 | 382.5 | 381.9 | 381.4 | 380.8 |
| 172.5° | 384.0 | 384.4 | 384.4 | 383.8 | 383.3 | 382.7 | 382.2 |
| 175°   | 385.5 | 385.9 | 385.8 | 385.2 | 384.6 | 383.9 | 383.3 |
| 177.5° | 385.6 | 385.9 | 385.8 | 385.4 | 385.0 | 384.5 | 384.1 |
| 180°   | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 | 384.7 |

(END OF REPORT)