

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: P332879-930

Luminaire Tested: **S124RDIP-S350D810U930-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332879-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-S350D810U930-4F0-1E-UDD-A4  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 810 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3572.3 lumens  
Efficiency: N/A  
Efficacy: 114.5 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Indirect

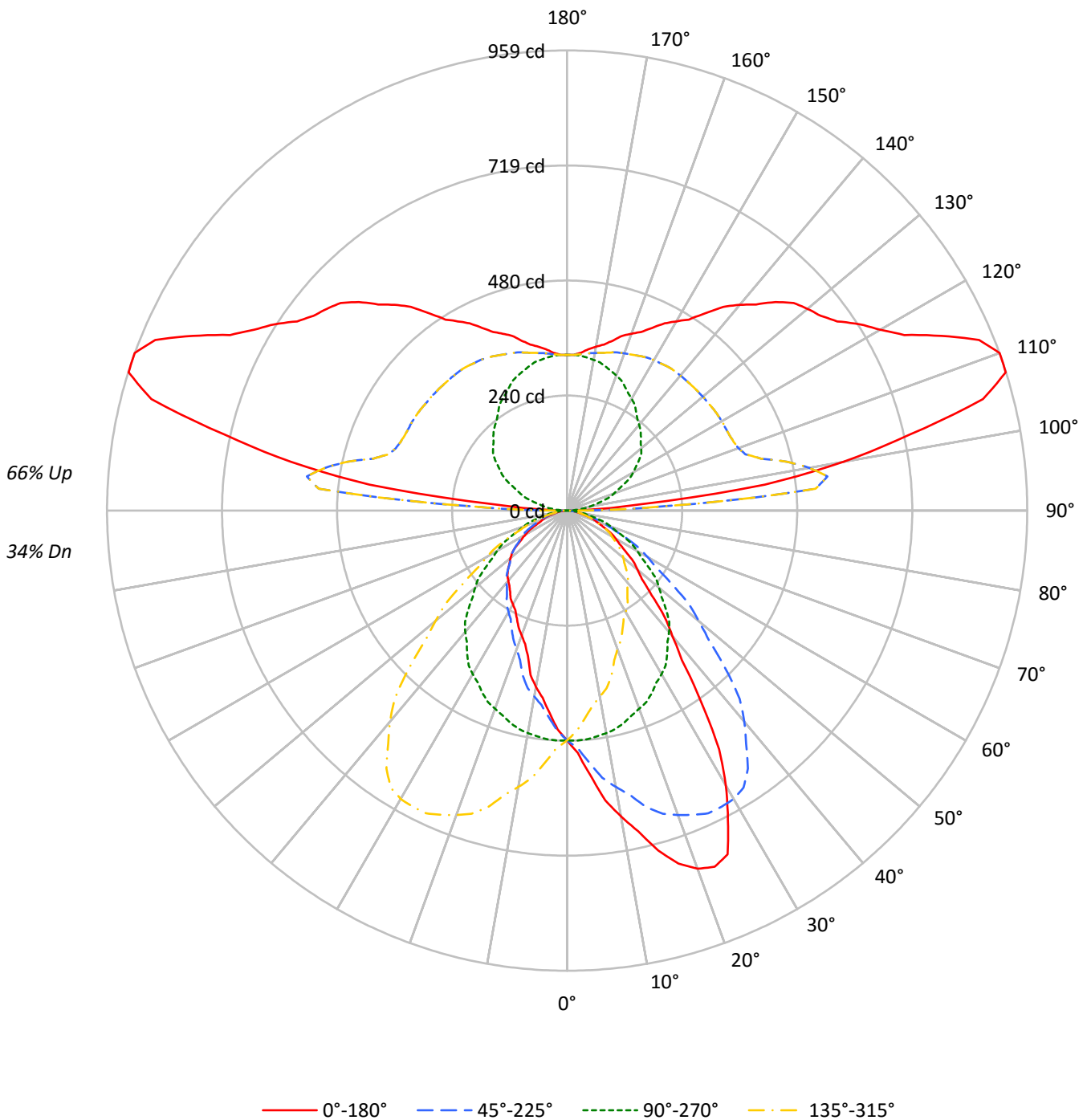
Input Watts (W): 31.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332879-930

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### Luminous Intensity Polar Plot





TEST NUMBER: P332879-930

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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   | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 57 | 57 | 57 | 41 | 41 | 41 | 34 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 63 | 62 | 51 | 49 | 48 | 37 | 36 | 36 | 29 |
| 2   | 86  | 79  | 73  | 69  | 78 | 72 | 67 | 63 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 |
| 3   | 79  | 70  | 63  | 57  | 71 | 63 | 57 | 53 | 51 | 47 | 44 | 40 | 37 | 35 | 29 | 28 | 26 | 21 |
| 4   | 72  | 62  | 54  | 49  | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 36 | 32 | 30 | 26 | 24 | 23 | 19 |
| 5   | 66  | 55  | 47  | 42  | 60 | 50 | 44 | 39 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 | 16 |
| 6   | 61  | 49  | 42  | 36  | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 29 | 26 | 23 | 22 | 19 | 18 | 14 |
| 7   | 56  | 45  | 37  | 32  | 51 | 41 | 34 | 29 | 33 | 28 | 25 | 26 | 23 | 20 | 20 | 18 | 16 | 13 |
| 8   | 52  | 40  | 33  | 28  | 47 | 37 | 30 | 26 | 30 | 25 | 22 | 24 | 21 | 18 | 18 | 16 | 14 | 12 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 15 | 13 | 11 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 20 | 17 | 15 | 16 | 13 | 12 | 10 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3866 | 3866 | 3866 | 3866 |
| 5°  | 4485 | 3878 | 3428 | 3878 |
| 10° | 5305 | 3861 | 3059 | 3861 |
| 15° | 6128 | 3825 | 2629 | 3825 |
| 20° | 6823 | 3776 | 2377 | 3776 |
| 25° | 7044 | 3728 | 2207 | 3728 |
| 30° | 6166 | 3669 | 2105 | 3669 |
| 35° | 4800 | 3582 | 2042 | 3582 |
| 40° | 3599 | 3483 | 2009 | 3483 |
| 45° | 2842 | 3323 | 1991 | 3323 |
| 50° | 2399 | 3141 | 1934 | 3141 |
| 55° | 2090 | 2939 | 1830 | 2939 |
| 60° | 1881 | 2729 | 1621 | 2729 |
| 65° | 1658 | 2502 | 1394 | 2502 |
| 70° | 1494 | 2268 | 1256 | 2268 |
| 75° | 1251 | 2009 | 1070 | 2009 |
| 80° | 1055 | 1715 | 1004 | 1715 |
| 85° | 889  | 1343 | 889  | 1343 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 46.4   | 1.3       |
| 10°-20°   | 140.0  | 3.9       |
| 20°-30°   | 218.9  | 6.1       |
| 30°-40°   | 243.4  | 6.8       |
| 40°-50°   | 215.9  | 6.0       |
| 50°-60°   | 168.3  | 4.7       |
| 60°-70°   | 110.2  | 3.1       |
| 70°-80°   | 54.2   | 1.5       |
| 80°-90°   | 15.2   | 0.4       |
| 90°-100°  | 234.4  | 6.6       |
| 100°-110° | 487.8  | 13.7      |
| 110°-120° | 436.9  | 12.2      |
| 120°-130° | 367.5  | 10.3      |
| 130°-140° | 306.4  | 8.6       |
| 140°-150° | 234.1  | 6.6       |
| 150°-160° | 164.6  | 4.6       |
| 160°-170° | 96.8   | 2.7       |
| 170°-180° | 31.5   | 0.9       |
| 0°-30°    | 405.3  | 11.3      |
| 0°-40°    | 648.7  | 18.2      |
| 0°-60°    | 1032.9 | 28.9      |
| 0°-90°    | 1212.4 | 33.9      |
| 90°-120°  | 1159.1 | 32.4      |
| 90°-150°  | 2067.1 | 57.9      |
| 90°-180°  | 2360.0 | 66.1      |
| 0°-180°   | 3572.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 479 | 479 | 479  | 479  | 479  |      |
| 5°   | 553 | 478 | 423  | 478  | 553  | 56   |
| 15°  | 733 | 458 | 314  | 458  | 733  | 208  |
| 25°  | 791 | 418 | 248  | 418  | 791  | 351  |
| 35°  | 487 | 364 | 207  | 364  | 487  | 305  |
| 45°  | 249 | 291 | 174  | 291  | 249  | 197  |
| 55°  | 148 | 209 | 130  | 209  | 148  | 135  |
| 65°  | 87  | 131 | 73   | 131  | 87   | 87   |
| 75°  | 40  | 64  | 34   | 64   | 40   | 44   |
| 85°  | 10  | 14  | 10   | 14   | 10   | 11   |
| 90°  | 13  | 1   | 13   | 1    | 13   | 11   |
| 95°  | 156 | 21  | 156  | 21   | 156  | 241  |
| 105° | 897 | 75  | 897  | 75   | 897  | 887  |
| 115° | 861 | 131 | 861  | 131  | 861  | 855  |
| 125° | 687 | 183 | 687  | 183  | 687  | 624  |
| 135° | 615 | 217 | 615  | 217  | 615  | 474  |
| 145° | 502 | 250 | 502  | 250  | 502  | 318  |
| 155° | 420 | 285 | 420  | 285  | 420  | 196  |
| 165° | 367 | 310 | 367  | 310  | 367  | 105  |
| 175° | 330 | 324 | 330  | 324  | 330  | 32   |
| 180° | 324 | 324 | 324  | 324  | 324  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 505.2 | 506.5 | 505.2 | 505.0 | 503.4 | 503.0 | 502.4 | 500.3 | 496.7 | 494.5 | 495.0 |
| 5°     | 553.4 | 558.2 | 555.5 | 555.1 | 550.9 | 546.7 | 544.0 | 537.8 | 531.2 | 526.8 | 523.1 |
| 7.5°   | 609.2 | 612.0 | 610.3 | 607.6 | 600.7 | 596.8 | 590.5 | 582.4 | 570.6 | 561.7 | 553.4 |
| 10°    | 647.2 | 649.5 | 648.7 | 643.7 | 638.7 | 628.4 | 622.6 | 611.3 | 596.4 | 584.7 | 573.6 |
| 12.5°  | 684.5 | 687.0 | 680.2 | 680.4 | 670.9 | 662.8 | 653.7 | 639.4 | 622.2 | 607.1 | 593.3 |
| 15°    | 733.2 | 730.1 | 730.1 | 726.3 | 715.7 | 704.5 | 695.0 | 680.0 | 658.4 | 640.3 | 621.1 |
| 17.5°  | 771.4 | 772.4 | 770.9 | 761.7 | 753.4 | 741.8 | 724.5 | 706.9 | 686.9 | 662.5 | 643.0 |
| 20°    | 794.2 | 794.2 | 792.5 | 786.3 | 775.5 | 763.1 | 744.4 | 725.3 | 699.9 | 675.3 | 653.4 |
| 22.5°  | 803.5 | 804.0 | 802.0 | 797.0 | 787.3 | 775.2 | 759.2 | 739.8 | 713.5 | 686.0 | 658.8 |
| 25°    | 790.8 | 794.4 | 794.8 | 793.4 | 790.5 | 783.2 | 769.5 | 749.7 | 726.1 | 696.2 | 666.8 |
| 27.5°  | 725.9 | 730.6 | 734.7 | 741.4 | 750.2 | 754.8 | 755.5 | 745.3 | 724.8 | 696.0 | 666.5 |
| 30°    | 661.5 | 665.3 | 677.8 | 694.2 | 706.9 | 718.5 | 728.6 | 731.3 | 719.7 | 693.9 | 662.8 |
| 32.5°  | 589.8 | 595.1 | 607.6 | 625.3 | 646.5 | 666.1 | 688.6 | 700.1 | 699.8 | 684.3 | 655.6 |
| 35°    | 487.0 | 490.9 | 502.5 | 521.0 | 546.4 | 575.6 | 611.3 | 639.0 | 657.9 | 656.6 | 639.0 |
| 37.5°  | 392.8 | 397.1 | 408.8 | 424.2 | 448.9 | 484.9 | 519.5 | 557.8 | 592.7 | 612.4 | 606.5 |
| 40°    | 341.5 | 341.7 | 353.1 | 368.9 | 392.1 | 423.5 | 461.1 | 503.6 | 542.6 | 574.5 | 580.6 |
| 42.5°  | 301.1 | 301.1 | 308.7 | 325.7 | 342.3 | 371.9 | 407.9 | 450.0 | 495.7 | 532.5 | 548.8 |
| 45°    | 248.9 | 250.6 | 256.8 | 267.0 | 280.1 | 305.2 | 334.0 | 373.2 | 424.3 | 467.9 | 495.1 |
| 47.5°  | 210.8 | 213.4 | 217.3 | 225.6 | 236.0 | 252.7 | 276.5 | 311.8 | 353.4 | 401.3 | 440.0 |
| 50°    | 191.0 | 191.4 | 196.4 | 201.1 | 210.1 | 223.5 | 244.3 | 273.6 | 311.9 | 357.9 | 401.0 |
| 52.5°  | 174.1 | 174.0 | 177.0 | 182.9 | 190.2 | 200.6 | 217.4 | 244.1 | 278.0 | 319.4 | 363.8 |
| 55°    | 148.5 | 149.5 | 151.9 | 156.5 | 162.1 | 169.4 | 182.7 | 202.8 | 229.4 | 264.7 | 305.1 |
| 57.5°  | 129.2 | 129.7 | 131.5 | 133.5 | 138.6 | 144.0 | 153.9 | 167.9 | 190.3 | 219.2 | 256.8 |
| 60°    | 116.5 | 116.8 | 117.3 | 120.2 | 124.3 | 129.3 | 136.1 | 147.8 | 166.7 | 193.1 | 222.9 |
| 62.5°  | 104.2 | 104.5 | 105.4 | 107.5 | 110.7 | 114.1 | 121.2 | 130.7 | 146.3 | 168.9 | 195.7 |
| 65°    | 86.8  | 87.0  | 88.4  | 89.1  | 91.6  | 94.7  | 100.0 | 106.3 | 117.2 | 136.1 | 156.3 |
| 67.5°  | 72.6  | 72.6  | 72.6  | 73.7  | 75.4  | 77.5  | 80.6  | 85.7  | 93.8  | 105.4 | 123.3 |
| 70°    | 63.3  | 63.3  | 63.7  | 64.2  | 65.2  | 66.9  | 68.7  | 72.6  | 78.5  | 88.0  | 101.7 |
| 72.5°  | 54.6  | 54.8  | 55.2  | 55.3  | 55.8  | 57.2  | 58.5  | 61.0  | 65.4  | 72.6  | 83.6  |
| 75°    | 40.1  | 40.7  | 41.7  | 42.5  | 43.5  | 43.2  | 44.6  | 46.1  | 47.5  | 51.7  | 58.0  |
| 77.5°  | 29.8  | 29.6  | 29.7  | 30.3  | 30.4  | 30.7  | 31.6  | 32.8  | 33.8  | 35.8  | 38.1  |
| 80°    | 22.7  | 22.7  | 23.3  | 23.6  | 23.3  | 23.6  | 24.5  | 25.1  | 25.4  | 26.3  | 28.4  |
| 82.5°  | 17.2  | 17.5  | 17.4  | 17.5  | 17.6  | 17.9  | 18.7  | 18.8  | 19.2  | 19.5  | 20.3  |
| 85°    | 9.6   | 9.9   | 10.0  | 9.6   | 9.6   | 9.6   | 10.0  | 10.2  | 10.6  | 10.4  | 10.8  |
| 87.5°  | 6.0   | 6.0   | 6.2   | 6.0   | 6.1   | 6.0   | 6.0   | 6.1   | 5.7   | 6.0   | 5.7   |
| 90°    | 13.4  | 13.4  | 14.0  | 13.4  | 12.7  | 12.7  | 12.1  | 11.5  | 10.8  | 11.5  | 10.2  |
| 92.5°  | 49.1  | 49.1  | 51.3  | 54.7  | 62.2  | 75.0  | 94.2  | 125.2 | 168.4 | 202.2 | 177.0 |
| 95°    | 155.6 | 163.9 | 175.3 | 195.1 | 226.3 | 288.1 | 373.6 | 472.4 | 534.3 | 519.6 | 392.1 |
| 97.5°  | 415.8 | 429.0 | 448.2 | 486.6 | 532.3 | 598.8 | 661.2 | 697.9 | 671.2 | 547.2 | 367.0 |
| 100°   | 584.6 | 589.7 | 608.8 | 647.7 | 703.2 | 750.3 | 781.5 | 768.8 | 675.7 | 512.6 | 332.8 |
| 102.5° | 731.5 | 735.6 | 755.7 | 783.9 | 817.9 | 837.6 | 828.5 | 765.2 | 637.5 | 469.2 | 309.8 |
| 105°   | 897.0 | 900.8 | 909.7 | 914.8 | 913.5 | 887.4 | 824.3 | 714.0 | 568.0 | 418.2 | 290.1 |
| 107.5° | 958.4 | 956.8 | 950.4 | 935.9 | 904.3 | 847.5 | 758.6 | 641.2 | 511.9 | 389.6 | 286.5 |
| 110°   | 959.4 | 953.7 | 942.2 | 915.4 | 870.2 | 800.1 | 707.6 | 597.4 | 483.9 | 379.9 | 287.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 929.4 | 920.1 | 904.0 | 871.6 | 820.2 | 750.1 | 662.8 | 565.2 | 468.1 | 375.4 | 290.6 |
| 115°   | 861.3 | 856.1 | 835.8 | 797.5 | 747.1 | 685.9 | 611.4 | 533.0 | 453.2 | 372.9 | 296.4 |
| 117.5° | 792.3 | 788.3 | 767.7 | 735.6 | 692.6 | 640.7 | 582.0 | 517.1 | 446.6 | 372.3 | 302.7 |
| 120°   | 753.5 | 746.5 | 729.9 | 701.9 | 665.5 | 620.3 | 569.3 | 510.0 | 443.0 | 372.3 | 307.3 |
| 122.5° | 722.9 | 715.9 | 701.9 | 677.9 | 647.2 | 607.6 | 561.1 | 503.9 | 439.0 | 371.8 | 311.9 |
| 125°   | 687.2 | 683.4 | 671.3 | 652.8 | 627.3 | 592.2 | 548.3 | 493.4 | 432.2 | 371.0 | 318.8 |
| 127.5° | 666.3 | 662.5 | 652.3 | 635.9 | 610.3 | 576.9 | 533.0 | 480.7 | 423.1 | 369.7 | 324.2 |
| 130°   | 654.1 | 650.3 | 640.1 | 624.1 | 597.9 | 564.2 | 520.8 | 470.5 | 417.6 | 369.1 | 328.3 |
| 132.5° | 640.3 | 636.5 | 626.8 | 608.8 | 583.2 | 549.4 | 507.0 | 459.7 | 412.5 | 368.6 | 331.9 |
| 135°   | 614.6 | 610.7 | 600.5 | 582.7 | 557.2 | 525.3 | 486.4 | 445.0 | 404.8 | 367.9 | 337.2 |
| 137.5° | 582.7 | 578.0 | 569.6 | 552.0 | 528.2 | 499.5 | 466.7 | 431.6 | 398.2 | 367.7 | 340.4 |
| 140°   | 559.7 | 554.6 | 545.7 | 531.7 | 509.4 | 482.6 | 453.9 | 424.0 | 394.6 | 367.2 | 343.0 |
| 142.5° | 535.2 | 531.7 | 523.7 | 510.8 | 491.0 | 467.8 | 443.2 | 416.8 | 391.6 | 367.2 | 345.0 |
| 145°   | 501.7 | 498.6 | 492.1 | 481.4 | 465.4 | 447.5 | 428.4 | 406.8 | 386.3 | 365.9 | 346.2 |
| 147.5° | 472.0 | 470.8 | 466.0 | 456.7 | 445.0 | 431.0 | 415.6 | 398.4 | 381.6 | 363.6 | 346.8 |
| 150°   | 455.2 | 454.5 | 450.7 | 442.5 | 432.2 | 420.8 | 408.0 | 393.3 | 378.1 | 362.1 | 346.8 |
| 152.5° | 439.9 | 439.2 | 436.9 | 430.2 | 421.5 | 412.1 | 400.3 | 387.8 | 374.0 | 359.5 | 345.8 |
| 155°   | 420.1 | 420.1 | 418.2 | 413.1 | 406.8 | 399.1 | 389.6 | 379.3 | 367.9 | 355.7 | 344.2 |
| 157.5° | 402.8 | 402.8 | 401.6 | 397.8 | 393.0 | 386.9 | 378.8 | 370.2 | 361.6 | 351.8 | 342.6 |
| 160°   | 392.1 | 392.1 | 391.4 | 387.6 | 383.8 | 378.7 | 371.7 | 364.7 | 357.0 | 348.7 | 341.0 |
| 162.5° | 381.9 | 382.4 | 381.7 | 377.9 | 375.1 | 370.6 | 365.0 | 359.1 | 352.9 | 345.7 | 339.6 |
| 165°   | 366.6 | 367.2 | 367.9 | 365.3 | 362.7 | 359.5 | 355.1 | 351.2 | 346.2 | 341.0 | 336.6 |
| 167.5° | 354.4 | 355.0 | 355.1 | 353.4 | 352.1 | 350.3 | 346.7 | 343.7 | 340.1 | 336.5 | 333.5 |
| 170°   | 346.8 | 346.8 | 347.4 | 346.8 | 345.5 | 343.6 | 341.0 | 339.2 | 336.0 | 333.4 | 331.5 |
| 172.5° | 339.2 | 340.1 | 340.8 | 340.1 | 339.4 | 338.0 | 336.5 | 335.1 | 332.4 | 330.4 | 329.5 |
| 175°   | 330.2 | 331.5 | 332.8 | 331.5 | 331.5 | 331.5 | 330.2 | 329.6 | 328.3 | 327.0 | 327.0 |
| 177.5° | 325.0 | 326.0 | 327.0 | 326.5 | 327.0 | 326.5 | 326.5 | 326.0 | 325.5 | 325.0 | 325.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 493.4 | 491.3 | 490.2 | 487.7 | 484.8 | 483.2 | 481.8 | 479.8 | 477.2 | 474.4 | 472.5 |
| 5°     | 518.4 | 513.8 | 508.0 | 501.1 | 495.0 | 488.9 | 483.7 | 478.5 | 472.5 | 466.4 | 460.2 |
| 7.5°   | 544.1 | 535.1 | 525.2 | 513.8 | 502.8 | 492.7 | 483.4 | 474.6 | 464.6 | 455.5 | 447.4 |
| 10°    | 562.1 | 549.8 | 536.1 | 521.5 | 507.1 | 494.6 | 482.2 | 471.0 | 458.7 | 447.7 | 438.4 |
| 12.5°  | 576.6 | 562.1 | 545.6 | 527.6 | 510.1 | 495.0 | 480.8 | 466.2 | 452.2 | 440.3 | 427.9 |
| 15°    | 600.6 | 580.8 | 558.6 | 537.0 | 514.5 | 493.7 | 474.7 | 457.7 | 441.6 | 424.9 | 413.1 |
| 17.5°  | 617.3 | 593.6 | 566.6 | 540.7 | 514.0 | 489.7 | 467.7 | 447.4 | 428.9 | 411.8 | 397.8 |
| 20°    | 627.1 | 601.0 | 571.1 | 541.6 | 511.7 | 485.7 | 461.9 | 439.5 | 420.4 | 401.9 | 387.4 |
| 22.5°  | 632.7 | 603.8 | 571.1 | 540.2 | 509.2 | 481.0 | 455.0 | 431.7 | 410.9 | 392.3 | 376.3 |
| 25°    | 634.5 | 603.6 | 570.2 | 534.7 | 500.8 | 470.8 | 443.8 | 418.5 | 395.3 | 376.8 | 359.9 |
| 27.5°  | 631.9 | 595.6 | 561.4 | 525.0 | 489.9 | 458.4 | 430.1 | 403.5 | 380.3 | 360.4 | 343.0 |
| 30°    | 628.3 | 589.3 | 552.6 | 514.8 | 479.3 | 449.0 | 419.1 | 393.6 | 369.5 | 348.9 | 331.3 |
| 32.5°  | 620.2 | 581.6 | 542.1 | 503.4 | 467.4 | 436.2 | 407.8 | 382.2 | 358.6 | 337.5 | 318.8 |
| 35°    | 604.3 | 565.2 | 522.4 | 482.6 | 447.3 | 414.8 | 388.2 | 363.5 | 341.0 | 318.4 | 298.7 |
| 37.5°  | 583.3 | 543.4 | 500.8 | 457.2 | 421.8 | 391.3 | 366.9 | 343.6 | 321.6 | 301.0 | 279.2 |
| 40°    | 563.6 | 527.2 | 483.1 | 439.9 | 403.7 | 374.1 | 351.6 | 330.5 | 308.3 | 287.9 | 266.1 |
| 42.5°  | 539.7 | 508.7 | 464.1 | 420.8 | 385.0 | 356.5 | 335.5 | 315.0 | 294.7 | 274.9 | 252.2 |
| 45°    | 499.8 | 476.2 | 434.6 | 392.9 | 356.8 | 328.6 | 309.3 | 291.1 | 273.5 | 254.5 | 233.1 |
| 47.5°  | 454.0 | 438.1 | 402.1 | 359.4 | 326.0 | 300.7 | 282.0 | 267.2 | 252.2 | 233.3 | 214.5 |
| 50°    | 422.2 | 412.0 | 377.2 | 338.3 | 306.4 | 283.1 | 264.0 | 250.1 | 237.5 | 219.4 | 202.6 |
| 52.5°  | 388.2 | 382.8 | 353.4 | 316.2 | 285.4 | 262.5 | 246.2 | 233.7 | 221.0 | 205.9 | 190.3 |
| 55°    | 336.5 | 339.4 | 314.5 | 282.3 | 253.3 | 234.1 | 219.2 | 208.8 | 198.0 | 185.2 | 173.1 |
| 57.5°  | 283.6 | 294.2 | 277.5 | 249.2 | 222.1 | 204.2 | 193.1 | 184.3 | 175.2 | 164.7 | 154.3 |
| 60°    | 252.0 | 260.9 | 251.4 | 226.5 | 202.8 | 186.2 | 175.8 | 169.0 | 160.0 | 150.3 | 142.4 |
| 62.5°  | 221.1 | 230.6 | 225.0 | 204.9 | 182.9 | 168.6 | 159.4 | 153.1 | 146.3 | 137.9 | 129.7 |
| 65°    | 182.4 | 188.5 | 185.8 | 171.9 | 156.3 | 144.1 | 135.7 | 131.0 | 124.8 | 118.7 | 111.4 |
| 67.5°  | 139.7 | 151.6 | 150.0 | 142.6 | 129.1 | 119.6 | 114.1 | 110.0 | 104.4 | 99.8  | 94.8  |
| 70°    | 114.8 | 125.8 | 125.6 | 119.6 | 112.3 | 103.5 | 99.5  | 96.1  | 91.1  | 86.7  | 82.6  |
| 72.5°  | 94.0  | 104.0 | 105.6 | 100.9 | 96.0  | 89.2  | 85.5  | 83.2  | 78.3  | 75.3  | 71.9  |
| 75°    | 65.8  | 73.1  | 75.1  | 75.1  | 72.7  | 69.3  | 66.0  | 64.4  | 61.0  | 58.3  | 56.3  |
| 77.5°  | 43.1  | 47.8  | 50.8  | 51.4  | 51.9  | 50.6  | 47.9  | 46.9  | 44.2  | 43.3  | 41.4  |
| 80°    | 30.5  | 33.6  | 37.0  | 38.2  | 39.1  | 38.8  | 37.7  | 36.9  | 34.3  | 33.3  | 32.6  |
| 82.5°  | 21.0  | 22.7  | 25.6  | 28.2  | 27.9  | 28.9  | 27.9  | 27.3  | 25.4  | 25.0  | 24.3  |
| 85°    | 11.0  | 11.2  | 11.6  | 13.3  | 14.3  | 14.7  | 14.8  | 14.5  | 13.9  | 13.9  | 12.6  |
| 87.5°  | 5.5   | 5.3   | 4.9   | 4.9   | 4.9   | 5.4   | 5.5   | 5.4   | 5.1   | 5.1   | 4.7   |
| 90°    | 8.9   | 8.9   | 5.1   | 5.1   | 4.5   | 3.8   | 1.9   | 0.7   | 1.9   | 3.8   | 4.5   |
| 92.5°  | 128.7 | 79.3  | 46.9  | 33.7  | 24.4  | 16.6  | 10.6  | 7.3   | 10.6  | 16.6  | 24.4  |
| 95°    | 239.7 | 135.2 | 79.7  | 52.9  | 37.6  | 29.4  | 22.9  | 21.0  | 22.9  | 29.4  | 37.6  |
| 97.5°  | 215.5 | 129.1 | 86.4  | 64.0  | 50.9  | 43.2  | 37.7  | 37.7  | 37.7  | 43.2  | 50.9  |
| 100°   | 202.8 | 130.7 | 93.1  | 72.6  | 60.6  | 52.9  | 48.4  | 48.4  | 48.4  | 52.9  | 60.6  |
| 102.5° | 199.2 | 135.7 | 101.7 | 82.3  | 70.8  | 63.6  | 59.7  | 58.6  | 59.7  | 63.6  | 70.8  |
| 105°   | 200.8 | 147.9 | 117.3 | 98.8  | 87.3  | 79.7  | 76.5  | 74.6  | 76.5  | 79.7  | 87.3  |
| 107.5° | 210.3 | 162.1 | 134.0 | 115.8 | 104.8 | 96.6  | 93.4  | 92.2  | 93.4  | 96.6  | 104.8 |
| 110°   | 217.4 | 172.8 | 144.7 | 127.5 | 116.0 | 108.4 | 105.2 | 104.0 | 105.2 | 108.4 | 116.0 |





TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.0 | 183.0 | 156.0 | 138.7 | 127.3 | 120.1 | 116.4 | 115.1 | 116.4 | 120.1 | 127.3 |
| 115°   | 237.2 | 198.9 | 173.4 | 156.2 | 144.1 | 137.7 | 133.2 | 131.3 | 133.2 | 137.7 | 144.1 |
| 117.5° | 249.5 | 214.3 | 190.1 | 172.3 | 160.9 | 153.9 | 149.9 | 148.1 | 149.9 | 153.9 | 160.9 |
| 120°   | 258.2 | 225.0 | 200.8 | 183.0 | 172.1 | 165.1 | 160.6 | 159.4 | 160.6 | 165.1 | 172.1 |
| 122.5° | 266.4 | 235.2 | 211.0 | 193.6 | 181.8 | 175.3 | 170.9 | 169.6 | 170.9 | 175.3 | 181.8 |
| 125°   | 278.6 | 249.2 | 226.3 | 208.5 | 196.3 | 189.3 | 185.5 | 183.0 | 185.5 | 189.3 | 196.3 |
| 127.5° | 289.2 | 262.3 | 240.1 | 222.1 | 209.5 | 201.5 | 196.9 | 194.9 | 196.9 | 201.5 | 209.5 |
| 130°   | 295.8 | 270.9 | 249.2 | 230.8 | 218.7 | 209.1 | 204.0 | 201.5 | 204.0 | 209.1 | 218.7 |
| 132.5° | 302.4 | 278.1 | 256.4 | 239.0 | 225.8 | 216.8 | 210.1 | 208.1 | 210.1 | 216.8 | 225.8 |
| 135°   | 311.1 | 288.1 | 267.1 | 250.5 | 237.2 | 226.3 | 220.0 | 217.4 | 220.0 | 226.3 | 237.2 |
| 137.5° | 317.2 | 295.8 | 276.1 | 260.3 | 246.5 | 236.1 | 229.1 | 226.7 | 229.1 | 236.1 | 246.5 |
| 140°   | 321.3 | 300.9 | 281.8 | 266.4 | 253.1 | 242.2 | 235.2 | 233.3 | 235.2 | 242.2 | 253.1 |
| 142.5° | 324.3 | 305.5 | 286.9 | 272.1 | 259.2 | 248.9 | 242.4 | 240.4 | 242.4 | 248.9 | 259.2 |
| 145°   | 327.7 | 310.5 | 293.9 | 279.9 | 267.7 | 258.9 | 252.4 | 250.5 | 252.4 | 258.9 | 267.7 |
| 147.5° | 330.6 | 315.6 | 300.0 | 287.4 | 277.3 | 268.2 | 262.5 | 261.9 | 262.5 | 268.2 | 277.3 |
| 150°   | 332.2 | 318.1 | 304.1 | 292.0 | 282.4 | 274.8 | 269.7 | 269.0 | 269.7 | 274.8 | 282.4 |
| 152.5° | 333.1 | 320.2 | 307.7 | 296.6 | 288.0 | 280.9 | 275.8 | 275.7 | 275.8 | 280.9 | 288.0 |
| 155°   | 334.0 | 323.2 | 312.3 | 302.8 | 295.8 | 289.4 | 285.6 | 284.9 | 285.6 | 289.4 | 295.8 |
| 157.5° | 334.0 | 325.4 | 316.2 | 308.7 | 302.6 | 297.6 | 294.0 | 294.0 | 294.0 | 297.6 | 302.6 |
| 160°   | 334.0 | 326.4 | 318.8 | 311.8 | 306.6 | 302.1 | 299.6 | 299.6 | 299.6 | 302.1 | 306.6 |
| 162.5° | 334.0 | 327.4 | 320.2 | 314.8 | 310.2 | 306.2 | 304.2 | 304.8 | 304.2 | 306.2 | 310.2 |
| 165°   | 332.8 | 327.7 | 322.0 | 318.1 | 315.0 | 311.8 | 310.5 | 310.5 | 310.5 | 311.8 | 315.0 |
| 167.5° | 331.3 | 327.6 | 323.3 | 320.4 | 318.6 | 316.2 | 315.6 | 316.2 | 315.6 | 316.2 | 318.6 |
| 170°   | 330.2 | 327.0 | 323.8 | 322.0 | 320.7 | 318.8 | 318.1 | 318.8 | 318.1 | 318.8 | 320.7 |
| 172.5° | 329.2 | 326.5 | 324.3 | 322.9 | 322.2 | 320.8 | 320.7 | 321.3 | 320.7 | 320.8 | 322.2 |
| 175°   | 327.7 | 325.8 | 324.5 | 324.5 | 323.8 | 323.2 | 323.2 | 323.8 | 323.2 | 323.2 | 323.8 |
| 177.5° | 326.0 | 325.0 | 324.5 | 324.5 | 324.5 | 324.0 | 324.5 | 325.0 | 324.5 | 324.0 | 324.5 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 470.3 | 468.7 | 466.8 | 464.4 | 461.6 | 459.2 | 458.0 | 459.0 | 459.5 | 458.2 | 458.0 |
| 5°     | 455.9 | 451.1 | 447.3 | 441.5 | 436.8 | 433.0 | 430.3 | 429.1 | 429.5 | 426.4 | 425.7 |
| 7.5°   | 439.9 | 434.1 | 427.8 | 420.9 | 414.6 | 408.9 | 405.9 | 404.3 | 401.0 | 399.6 | 397.2 |
| 10°    | 429.5 | 421.8 | 415.6 | 407.5 | 400.1 | 393.5 | 390.1 | 387.4 | 384.2 | 382.6 | 379.4 |
| 12.5°  | 418.9 | 409.9 | 403.1 | 394.7 | 387.2 | 379.1 | 375.9 | 371.0 | 365.8 | 362.6 | 358.3 |
| 15°    | 403.8 | 393.1 | 384.7 | 374.7 | 365.8 | 356.6 | 348.3 | 339.0 | 335.6 | 328.2 | 324.0 |
| 17.5°  | 386.3 | 375.4 | 365.1 | 351.6 | 337.9 | 326.4 | 317.6 | 308.7 | 303.4 | 298.7 | 296.5 |
| 20°    | 374.7 | 364.7 | 350.4 | 334.8 | 319.5 | 306.8 | 299.6 | 293.8 | 288.0 | 284.8 | 282.5 |
| 22.5°  | 363.8 | 350.9 | 334.4 | 317.5 | 302.2 | 292.3 | 286.3 | 280.3 | 275.6 | 272.5 | 269.4 |
| 25°    | 345.4 | 328.6 | 311.0 | 291.7 | 281.4 | 272.6 | 266.1 | 261.2 | 258.4 | 254.3 | 252.7 |
| 27.5°  | 326.5 | 306.1 | 286.8 | 273.9 | 263.0 | 255.0 | 249.3 | 245.7 | 242.1 | 239.5 | 237.4 |
| 30°    | 312.0 | 291.4 | 274.0 | 261.6 | 250.6 | 244.1 | 239.5 | 235.2 | 232.3 | 230.2 | 228.7 |
| 32.5°  | 297.7 | 277.0 | 262.4 | 249.2 | 240.4 | 234.1 | 229.1 | 225.9 | 223.6 | 220.9 | 220.0 |
| 35°    | 276.9 | 258.5 | 245.8 | 233.8 | 225.0 | 219.2 | 215.3 | 212.1 | 210.1 | 209.4 | 208.8 |
| 37.5°  | 256.9 | 241.9 | 228.2 | 218.4 | 210.5 | 205.9 | 201.4 | 199.7 | 198.4 | 197.1 | 197.7 |
| 40°    | 244.3 | 230.2 | 218.0 | 207.7 | 201.2 | 196.2 | 193.6 | 191.6 | 190.5 | 190.5 | 190.5 |
| 42.5°  | 233.3 | 219.6 | 207.7 | 198.4 | 192.0 | 187.8 | 184.7 | 183.1 | 182.7 | 182.5 | 183.5 |
| 45°    | 216.3 | 203.6 | 191.6 | 183.8 | 178.5 | 174.2 | 172.5 | 171.1 | 171.1 | 171.9 | 172.1 |
| 47.5°  | 199.4 | 187.5 | 177.9 | 169.3 | 164.3 | 161.7 | 160.1 | 159.5 | 159.6 | 160.3 | 161.2 |
| 50°    | 189.1 | 177.3 | 167.9 | 160.1 | 155.6 | 153.0 | 151.6 | 151.2 | 151.6 | 151.6 | 153.0 |
| 52.5°  | 177.8 | 167.3 | 158.0 | 151.5 | 146.3 | 143.9 | 143.2 | 142.6 | 142.8 | 143.5 | 144.1 |
| 55°    | 161.3 | 151.9 | 143.0 | 136.8 | 133.0 | 131.4 | 129.6 | 129.9 | 129.5 | 129.9 | 129.9 |
| 57.5°  | 144.7 | 136.2 | 128.0 | 123.1 | 119.7 | 117.5 | 115.6 | 116.1 | 115.5 | 115.4 | 115.1 |
| 60°    | 134.1 | 124.8 | 118.3 | 113.8 | 110.0 | 108.0 | 106.3 | 106.7 | 106.2 | 105.7 | 104.9 |
| 62.5°  | 122.5 | 114.8 | 108.5 | 104.3 | 101.2 | 99.0  | 97.2  | 96.9  | 95.5  | 94.2  | 92.5  |
| 65°    | 105.7 | 99.4  | 93.8  | 89.8  | 86.8  | 85.1  | 83.7  | 82.6  | 79.7  | 76.6  | 75.1  |
| 67.5°  | 89.4  | 84.8  | 79.6  | 76.1  | 73.8  | 71.6  | 69.0  | 67.0  | 64.3  | 62.6  | 61.6  |
| 70°    | 78.9  | 74.5  | 70.0  | 66.8  | 64.2  | 62.1  | 59.3  | 57.9  | 55.9  | 55.2  | 54.2  |
| 72.5°  | 68.9  | 64.7  | 60.7  | 57.6  | 55.0  | 53.3  | 51.0  | 49.7  | 48.8  | 48.5  | 47.6  |
| 75°    | 53.6  | 50.4  | 47.3  | 44.6  | 42.5  | 41.3  | 40.4  | 39.4  | 39.0  | 37.3  | 36.3  |
| 77.5°  | 39.1  | 36.9  | 35.1  | 33.1  | 31.6  | 30.8  | 28.9  | 27.9  | 27.2  | 26.4  | 26.2  |
| 80°    | 30.5  | 28.9  | 27.0  | 25.8  | 23.7  | 23.0  | 22.2  | 22.0  | 21.8  | 21.6  | 21.4  |
| 82.5°  | 22.9  | 21.4  | 19.5  | 18.8  | 18.2  | 17.7  | 17.3  | 17.0  | 16.9  | 17.0  | 17.0  |
| 85°    | 11.6  | 10.8  | 10.8  | 10.6  | 10.4  | 10.2  | 10.0  | 10.0  | 9.9   | 10.0  | 9.9   |
| 87.5°  | 4.9   | 4.7   | 5.5   | 5.2   | 5.6   | 5.9   | 5.5   | 5.7   | 6.0   | 5.8   | 5.8   |
| 90°    | 5.1   | 5.1   | 8.9   | 8.9   | 10.2  | 11.5  | 10.8  | 11.5  | 12.1  | 12.7  | 12.7  |
| 92.5°  | 33.7  | 46.9  | 79.3  | 128.7 | 177.0 | 202.2 | 168.4 | 125.2 | 94.2  | 75.0  | 62.2  |
| 95°    | 52.9  | 79.7  | 135.2 | 239.7 | 392.1 | 519.6 | 534.3 | 472.4 | 373.6 | 288.1 | 226.3 |
| 97.5°  | 64.0  | 86.4  | 129.1 | 215.5 | 367.0 | 547.2 | 671.2 | 697.9 | 661.2 | 598.8 | 532.3 |
| 100°   | 72.6  | 93.1  | 130.7 | 202.8 | 332.8 | 512.6 | 675.7 | 768.8 | 781.5 | 750.3 | 703.2 |
| 102.5° | 82.3  | 101.7 | 135.7 | 199.2 | 309.8 | 469.2 | 637.5 | 765.2 | 828.5 | 837.6 | 817.9 |
| 105°   | 98.8  | 117.3 | 147.9 | 200.8 | 290.1 | 418.2 | 568.0 | 714.0 | 824.3 | 887.4 | 913.5 |
| 107.5° | 115.8 | 134.0 | 162.1 | 210.3 | 286.5 | 389.6 | 511.9 | 641.2 | 758.6 | 847.5 | 904.3 |
| 110°   | 127.5 | 144.7 | 172.8 | 217.4 | 287.5 | 379.9 | 483.9 | 597.4 | 707.6 | 800.1 | 870.2 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.7 | 156.0 | 183.0 | 225.0 | 290.6 | 375.4 | 468.1 | 565.2 | 662.8 | 750.1 | 820.2 |
| 115°   | 156.2 | 173.4 | 198.9 | 237.2 | 296.4 | 372.9 | 453.2 | 533.0 | 611.4 | 685.9 | 747.1 |
| 117.5° | 172.3 | 190.1 | 214.3 | 249.5 | 302.7 | 372.3 | 446.6 | 517.1 | 582.0 | 640.7 | 692.6 |
| 120°   | 183.0 | 200.8 | 225.0 | 258.2 | 307.3 | 372.3 | 443.0 | 510.0 | 569.3 | 620.3 | 665.5 |
| 122.5° | 193.6 | 211.0 | 235.2 | 266.4 | 311.9 | 371.8 | 439.0 | 503.9 | 561.1 | 607.6 | 647.2 |
| 125°   | 208.5 | 226.3 | 249.2 | 278.6 | 318.8 | 371.0 | 432.2 | 493.4 | 548.3 | 592.2 | 627.3 |
| 127.5° | 222.1 | 240.1 | 262.3 | 289.2 | 324.2 | 369.7 | 423.1 | 480.7 | 533.0 | 576.9 | 610.3 |
| 130°   | 230.8 | 249.2 | 270.9 | 295.8 | 328.3 | 369.1 | 417.6 | 470.5 | 520.8 | 564.2 | 597.9 |
| 132.5° | 239.0 | 256.4 | 278.1 | 302.4 | 331.9 | 368.6 | 412.5 | 459.7 | 507.0 | 549.4 | 583.2 |
| 135°   | 250.5 | 267.1 | 288.1 | 311.1 | 337.2 | 367.9 | 404.8 | 445.0 | 486.4 | 525.3 | 557.2 |
| 137.5° | 260.3 | 276.1 | 295.8 | 317.2 | 340.4 | 367.7 | 398.2 | 431.6 | 466.7 | 499.5 | 528.2 |
| 140°   | 266.4 | 281.8 | 300.9 | 321.3 | 343.0 | 367.2 | 394.6 | 424.0 | 453.9 | 482.6 | 509.4 |
| 142.5° | 272.1 | 286.9 | 305.5 | 324.3 | 345.0 | 367.2 | 391.6 | 416.8 | 443.2 | 467.8 | 491.0 |
| 145°   | 279.9 | 293.9 | 310.5 | 327.7 | 346.2 | 365.9 | 386.3 | 406.8 | 428.4 | 447.5 | 465.4 |
| 147.5° | 287.4 | 300.0 | 315.6 | 330.6 | 346.8 | 363.6 | 381.6 | 398.4 | 415.6 | 431.0 | 445.0 |
| 150°   | 292.0 | 304.1 | 318.1 | 332.2 | 346.8 | 362.1 | 378.1 | 393.3 | 408.0 | 420.8 | 432.2 |
| 152.5° | 296.6 | 307.7 | 320.2 | 333.1 | 345.8 | 359.5 | 374.0 | 387.8 | 400.3 | 412.1 | 421.5 |
| 155°   | 302.8 | 312.3 | 323.2 | 334.0 | 344.2 | 355.7 | 367.9 | 379.3 | 389.6 | 399.1 | 406.8 |
| 157.5° | 308.7 | 316.2 | 325.4 | 334.0 | 342.6 | 351.8 | 361.6 | 370.2 | 378.8 | 386.9 | 393.0 |
| 160°   | 311.8 | 318.8 | 326.4 | 334.0 | 341.0 | 348.7 | 357.0 | 364.7 | 371.7 | 378.7 | 383.8 |
| 162.5° | 314.8 | 320.2 | 327.4 | 334.0 | 339.6 | 345.7 | 352.9 | 359.1 | 365.0 | 370.6 | 375.1 |
| 165°   | 318.1 | 322.0 | 327.7 | 332.8 | 336.6 | 341.0 | 346.2 | 351.2 | 355.1 | 359.5 | 362.7 |
| 167.5° | 320.4 | 323.3 | 327.6 | 331.3 | 333.5 | 336.5 | 340.1 | 343.7 | 346.7 | 350.3 | 352.1 |
| 170°   | 322.0 | 323.8 | 327.0 | 330.2 | 331.5 | 333.4 | 336.0 | 339.2 | 341.0 | 343.6 | 345.5 |
| 172.5° | 322.9 | 324.3 | 326.5 | 329.2 | 329.5 | 330.4 | 332.4 | 335.1 | 336.5 | 338.0 | 339.4 |
| 175°   | 324.5 | 324.5 | 325.8 | 327.7 | 327.0 | 327.0 | 328.3 | 329.6 | 330.2 | 331.5 | 331.5 |
| 177.5° | 324.5 | 324.5 | 325.0 | 326.0 | 325.0 | 325.0 | 325.5 | 326.0 | 326.5 | 326.5 | 327.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 457.1 | 457.5 | 456.4 | 456.1 | 456.4 | 457.5 | 457.1 | 458.0 | 458.2 | 459.5 | 459.0 |
| 5°     | 424.1 | 423.7 | 422.7 | 423.0 | 422.7 | 423.7 | 424.1 | 425.7 | 426.4 | 429.5 | 429.1 |
| 7.5°   | 395.8 | 394.4 | 394.8 | 393.2 | 394.8 | 394.4 | 395.8 | 397.2 | 399.6 | 401.0 | 404.3 |
| 10°    | 378.5 | 376.4 | 374.7 | 373.2 | 374.7 | 376.4 | 378.5 | 379.4 | 382.6 | 384.2 | 387.4 |
| 12.5°  | 355.0 | 353.1 | 350.8 | 351.2 | 350.8 | 353.1 | 355.0 | 358.3 | 362.6 | 365.8 | 371.0 |
| 15°    | 321.5 | 318.5 | 314.0 | 314.5 | 314.0 | 318.5 | 321.5 | 324.0 | 328.2 | 335.6 | 339.0 |
| 17.5°  | 293.1 | 293.1 | 291.0 | 291.6 | 291.0 | 293.1 | 293.1 | 296.5 | 298.7 | 303.4 | 308.7 |
| 20°    | 278.4 | 277.1 | 277.3 | 276.7 | 277.3 | 277.1 | 278.4 | 282.5 | 284.8 | 288.0 | 293.8 |
| 22.5°  | 268.2 | 266.6 | 265.2 | 264.1 | 265.2 | 266.6 | 268.2 | 269.4 | 272.5 | 275.6 | 280.3 |
| 25°    | 251.0 | 249.9 | 248.2 | 247.8 | 248.2 | 249.9 | 251.0 | 252.7 | 254.3 | 258.4 | 261.2 |
| 27.5°  | 235.9 | 235.7 | 235.0 | 234.1 | 235.0 | 235.7 | 235.9 | 237.4 | 239.5 | 242.1 | 245.7 |
| 30°    | 227.1 | 226.7 | 226.3 | 225.8 | 226.3 | 226.7 | 227.1 | 228.7 | 230.2 | 232.3 | 235.2 |
| 32.5°  | 219.2 | 219.0 | 218.6 | 218.7 | 218.6 | 219.0 | 219.2 | 220.0 | 220.9 | 223.6 | 225.9 |
| 35°    | 208.0 | 207.8 | 207.4 | 207.2 | 207.4 | 207.8 | 208.0 | 208.8 | 209.4 | 210.1 | 212.1 |
| 37.5°  | 197.5 | 198.0 | 197.8 | 197.7 | 197.8 | 198.0 | 197.5 | 197.7 | 197.1 | 198.4 | 199.7 |
| 40°    | 190.3 | 190.5 | 190.9 | 190.6 | 190.9 | 190.5 | 190.3 | 190.5 | 190.5 | 190.5 | 191.6 |
| 42.5°  | 184.3 | 184.3 | 184.8 | 184.2 | 184.8 | 184.3 | 184.3 | 183.5 | 182.5 | 182.7 | 183.1 |
| 45°    | 173.5 | 174.6 | 174.4 | 174.4 | 174.4 | 174.6 | 173.5 | 172.1 | 171.9 | 171.1 | 171.1 |
| 47.5°  | 161.7 | 162.7 | 163.0 | 162.9 | 163.0 | 162.7 | 161.7 | 161.2 | 160.3 | 159.6 | 159.5 |
| 50°    | 154.0 | 153.6 | 154.2 | 154.0 | 154.2 | 153.6 | 154.0 | 153.0 | 151.6 | 151.6 | 151.2 |
| 52.5°  | 144.6 | 144.6 | 144.6 | 144.4 | 144.6 | 144.6 | 144.6 | 144.1 | 143.5 | 142.8 | 142.6 |
| 55°    | 130.0 | 130.3 | 129.9 | 130.0 | 129.9 | 130.3 | 130.0 | 129.9 | 129.9 | 129.5 | 129.9 |
| 57.5°  | 114.3 | 113.4 | 113.7 | 113.3 | 113.7 | 113.4 | 114.3 | 115.1 | 115.4 | 115.5 | 116.1 |
| 60°    | 103.1 | 101.5 | 101.1 | 100.4 | 101.1 | 101.5 | 103.1 | 104.9 | 105.7 | 106.2 | 106.7 |
| 62.5°  | 90.4  | 89.3  | 88.0  | 88.6  | 88.0  | 89.3  | 90.4  | 92.5  | 94.2  | 95.5  | 96.9  |
| 65°    | 73.5  | 72.7  | 72.2  | 73.0  | 72.2  | 72.7  | 73.5  | 75.1  | 76.6  | 79.7  | 82.6  |
| 67.5°  | 60.8  | 60.4  | 60.4  | 60.1  | 60.4  | 60.4  | 60.8  | 61.6  | 62.6  | 64.3  | 67.0  |
| 70°    | 54.2  | 53.6  | 53.6  | 53.2  | 53.6  | 53.6  | 54.2  | 54.2  | 55.2  | 55.9  | 57.9  |
| 72.5°  | 47.5  | 46.9  | 47.0  | 46.8  | 47.0  | 46.9  | 47.5  | 47.6  | 48.5  | 48.8  | 49.7  |
| 75°    | 35.1  | 34.2  | 34.2  | 34.3  | 34.2  | 34.2  | 35.1  | 36.3  | 37.3  | 39.0  | 39.4  |
| 77.5°  | 26.2  | 26.0  | 26.3  | 25.9  | 26.3  | 26.0  | 26.2  | 26.2  | 26.4  | 27.2  | 27.9  |
| 80°    | 21.4  | 21.2  | 21.0  | 21.6  | 21.0  | 21.2  | 21.4  | 21.4  | 21.6  | 21.8  | 22.0  |
| 82.5°  | 16.6  | 16.6  | 16.6  | 17.3  | 16.6  | 16.6  | 16.6  | 17.0  | 17.0  | 16.9  | 17.0  |
| 85°    | 10.0  | 9.6   | 10.0  | 9.6   | 10.0  | 9.6   | 10.0  | 9.9   | 10.0  | 9.9   | 10.0  |
| 87.5°  | 6.2   | 6.2   | 6.0   | 6.0   | 6.0   | 6.2   | 6.2   | 5.8   | 5.8   | 6.0   | 5.7   |
| 90°    | 13.4  | 14.0  | 13.4  | 13.4  | 13.4  | 14.0  | 13.4  | 12.7  | 12.7  | 12.1  | 11.5  |
| 92.5°  | 54.7  | 51.3  | 49.1  | 49.1  | 49.1  | 51.3  | 54.7  | 62.2  | 75.0  | 94.2  | 125.2 |
| 95°    | 195.1 | 175.3 | 163.9 | 155.6 | 163.9 | 175.3 | 195.1 | 226.3 | 288.1 | 373.6 | 472.4 |
| 97.5°  | 486.6 | 448.2 | 429.0 | 415.8 | 429.0 | 448.2 | 486.6 | 532.3 | 598.8 | 661.2 | 697.9 |
| 100°   | 647.7 | 608.8 | 589.7 | 584.6 | 589.7 | 608.8 | 647.7 | 703.2 | 750.3 | 781.5 | 768.8 |
| 102.5° | 783.9 | 755.7 | 735.6 | 731.5 | 735.6 | 755.7 | 783.9 | 817.9 | 837.6 | 828.5 | 765.2 |
| 105°   | 914.8 | 909.7 | 900.8 | 897.0 | 900.8 | 909.7 | 914.8 | 913.5 | 887.4 | 824.3 | 714.0 |
| 107.5° | 935.9 | 950.4 | 956.8 | 958.4 | 956.8 | 950.4 | 935.9 | 904.3 | 847.5 | 758.6 | 641.2 |
| 110°   | 915.4 | 942.2 | 953.7 | 959.4 | 953.7 | 942.2 | 915.4 | 870.2 | 800.1 | 707.6 | 597.4 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 871.6 | 904.0 | 920.1 | 929.4 | 920.1 | 904.0 | 871.6 | 820.2 | 750.1 | 662.8 | 565.2 |
| 115°   | 797.5 | 835.8 | 856.1 | 861.3 | 856.1 | 835.8 | 797.5 | 747.1 | 685.9 | 611.4 | 533.0 |
| 117.5° | 735.6 | 767.7 | 788.3 | 792.3 | 788.3 | 767.7 | 735.6 | 692.6 | 640.7 | 582.0 | 517.1 |
| 120°   | 701.9 | 729.9 | 746.5 | 753.5 | 746.5 | 729.9 | 701.9 | 665.5 | 620.3 | 569.3 | 510.0 |
| 122.5° | 677.9 | 701.9 | 715.9 | 722.9 | 715.9 | 701.9 | 677.9 | 647.2 | 607.6 | 561.1 | 503.9 |
| 125°   | 652.8 | 671.3 | 683.4 | 687.2 | 683.4 | 671.3 | 652.8 | 627.3 | 592.2 | 548.3 | 493.4 |
| 127.5° | 635.9 | 652.3 | 662.5 | 666.3 | 662.5 | 652.3 | 635.9 | 610.3 | 576.9 | 533.0 | 480.7 |
| 130°   | 624.1 | 640.1 | 650.3 | 654.1 | 650.3 | 640.1 | 624.1 | 597.9 | 564.2 | 520.8 | 470.5 |
| 132.5° | 608.8 | 626.8 | 636.5 | 640.3 | 636.5 | 626.8 | 608.8 | 583.2 | 549.4 | 507.0 | 459.7 |
| 135°   | 582.7 | 600.5 | 610.7 | 614.6 | 610.7 | 600.5 | 582.7 | 557.2 | 525.3 | 486.4 | 445.0 |
| 137.5° | 552.0 | 569.6 | 578.0 | 582.7 | 578.0 | 569.6 | 552.0 | 528.2 | 499.5 | 466.7 | 431.6 |
| 140°   | 531.7 | 545.7 | 554.6 | 559.7 | 554.6 | 545.7 | 531.7 | 509.4 | 482.6 | 453.9 | 424.0 |
| 142.5° | 510.8 | 523.7 | 531.7 | 535.2 | 531.7 | 523.7 | 510.8 | 491.0 | 467.8 | 443.2 | 416.8 |
| 145°   | 481.4 | 492.1 | 498.6 | 501.7 | 498.6 | 492.1 | 481.4 | 465.4 | 447.5 | 428.4 | 406.8 |
| 147.5° | 456.7 | 466.0 | 470.8 | 472.0 | 470.8 | 466.0 | 456.7 | 445.0 | 431.0 | 415.6 | 398.4 |
| 150°   | 442.5 | 450.7 | 454.5 | 455.2 | 454.5 | 450.7 | 442.5 | 432.2 | 420.8 | 408.0 | 393.3 |
| 152.5° | 430.2 | 436.9 | 439.2 | 439.9 | 439.2 | 436.9 | 430.2 | 421.5 | 412.1 | 400.3 | 387.8 |
| 155°   | 413.1 | 418.2 | 420.1 | 420.1 | 420.1 | 418.2 | 413.1 | 406.8 | 399.1 | 389.6 | 379.3 |
| 157.5° | 397.8 | 401.6 | 402.8 | 402.8 | 402.8 | 401.6 | 397.8 | 393.0 | 386.9 | 378.8 | 370.2 |
| 160°   | 387.6 | 391.4 | 392.1 | 392.1 | 392.1 | 391.4 | 387.6 | 383.8 | 378.7 | 371.7 | 364.7 |
| 162.5° | 377.9 | 381.7 | 382.4 | 381.9 | 382.4 | 381.7 | 377.9 | 375.1 | 370.6 | 365.0 | 359.1 |
| 165°   | 365.3 | 367.9 | 367.2 | 366.6 | 367.2 | 367.9 | 365.3 | 362.7 | 359.5 | 355.1 | 351.2 |
| 167.5° | 353.4 | 355.1 | 355.0 | 354.4 | 355.0 | 355.1 | 353.4 | 352.1 | 350.3 | 346.7 | 343.7 |
| 170°   | 346.8 | 347.4 | 346.8 | 346.8 | 346.8 | 347.4 | 346.8 | 345.5 | 343.6 | 341.0 | 339.2 |
| 172.5° | 340.1 | 340.8 | 340.1 | 339.2 | 340.1 | 340.8 | 340.1 | 339.4 | 338.0 | 336.5 | 335.1 |
| 175°   | 331.5 | 332.8 | 331.5 | 330.2 | 331.5 | 332.8 | 331.5 | 331.5 | 331.5 | 330.2 | 329.6 |
| 177.5° | 326.5 | 327.0 | 326.0 | 325.0 | 326.0 | 327.0 | 326.5 | 327.0 | 326.5 | 326.5 | 326.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 458.0 | 459.2 | 461.6 | 464.4 | 466.8 | 468.7 | 470.3 | 472.5 | 474.4 | 477.2 | 479.8 |
| 5°     | 430.3 | 433.0 | 436.8 | 441.5 | 447.3 | 451.1 | 455.9 | 460.2 | 466.4 | 472.5 | 478.5 |
| 7.5°   | 405.9 | 408.9 | 414.6 | 420.9 | 427.8 | 434.1 | 439.9 | 447.4 | 455.5 | 464.6 | 474.6 |
| 10°    | 390.1 | 393.5 | 400.1 | 407.5 | 415.6 | 421.8 | 429.5 | 438.4 | 447.7 | 458.7 | 471.0 |
| 12.5°  | 375.9 | 379.1 | 387.2 | 394.7 | 403.1 | 409.9 | 418.9 | 427.9 | 440.3 | 452.2 | 466.2 |
| 15°    | 348.3 | 356.6 | 365.8 | 374.7 | 384.7 | 393.1 | 403.8 | 413.1 | 424.9 | 441.6 | 457.7 |
| 17.5°  | 317.6 | 326.4 | 337.9 | 351.6 | 365.1 | 375.4 | 386.3 | 397.8 | 411.8 | 428.9 | 447.4 |
| 20°    | 299.6 | 306.8 | 319.5 | 334.8 | 350.4 | 364.7 | 374.7 | 387.4 | 401.9 | 420.4 | 439.5 |
| 22.5°  | 286.3 | 292.3 | 302.2 | 317.5 | 334.4 | 350.9 | 363.8 | 376.3 | 392.3 | 410.9 | 431.7 |
| 25°    | 266.1 | 272.6 | 281.4 | 291.7 | 311.0 | 328.6 | 345.4 | 359.9 | 376.8 | 395.3 | 418.5 |
| 27.5°  | 249.3 | 255.0 | 263.0 | 273.9 | 286.8 | 306.1 | 326.5 | 343.0 | 360.4 | 380.3 | 403.5 |
| 30°    | 239.5 | 244.1 | 250.6 | 261.6 | 274.0 | 291.4 | 312.0 | 331.3 | 348.9 | 369.5 | 393.6 |
| 32.5°  | 229.1 | 234.1 | 240.4 | 249.2 | 262.4 | 277.0 | 297.7 | 318.8 | 337.5 | 358.6 | 382.2 |
| 35°    | 215.3 | 219.2 | 225.0 | 233.8 | 245.8 | 258.5 | 276.9 | 298.7 | 318.4 | 341.0 | 363.5 |
| 37.5°  | 201.4 | 205.9 | 210.5 | 218.4 | 228.2 | 241.9 | 256.9 | 279.2 | 301.0 | 321.6 | 343.6 |
| 40°    | 193.6 | 196.2 | 201.2 | 207.7 | 218.0 | 230.2 | 244.3 | 266.1 | 287.9 | 308.3 | 330.5 |
| 42.5°  | 184.7 | 187.8 | 192.0 | 198.4 | 207.7 | 219.6 | 233.3 | 252.2 | 274.9 | 294.7 | 315.0 |
| 45°    | 172.5 | 174.2 | 178.5 | 183.8 | 191.6 | 203.6 | 216.3 | 233.1 | 254.5 | 273.5 | 291.1 |
| 47.5°  | 160.1 | 161.7 | 164.3 | 169.3 | 177.9 | 187.5 | 199.4 | 214.5 | 233.3 | 252.2 | 267.2 |
| 50°    | 151.6 | 153.0 | 155.6 | 160.1 | 167.9 | 177.3 | 189.1 | 202.6 | 219.4 | 237.5 | 250.1 |
| 52.5°  | 143.2 | 143.9 | 146.3 | 151.5 | 158.0 | 167.3 | 177.8 | 190.3 | 205.9 | 221.0 | 233.7 |
| 55°    | 129.6 | 131.4 | 133.0 | 136.8 | 143.0 | 151.9 | 161.3 | 173.1 | 185.2 | 198.0 | 208.8 |
| 57.5°  | 115.6 | 117.5 | 119.7 | 123.1 | 128.0 | 136.2 | 144.7 | 154.3 | 164.7 | 175.2 | 184.3 |
| 60°    | 106.3 | 108.0 | 110.0 | 113.8 | 118.3 | 124.8 | 134.1 | 142.4 | 150.3 | 160.0 | 169.0 |
| 62.5°  | 97.2  | 99.0  | 101.2 | 104.3 | 108.5 | 114.8 | 122.5 | 129.7 | 137.9 | 146.3 | 153.1 |
| 65°    | 83.7  | 85.1  | 86.8  | 89.8  | 93.8  | 99.4  | 105.7 | 111.4 | 118.7 | 124.8 | 131.0 |
| 67.5°  | 69.0  | 71.6  | 73.8  | 76.1  | 79.6  | 84.8  | 89.4  | 94.8  | 99.8  | 104.4 | 110.0 |
| 70°    | 59.3  | 62.1  | 64.2  | 66.8  | 70.0  | 74.5  | 78.9  | 82.6  | 86.7  | 91.1  | 96.1  |
| 72.5°  | 51.0  | 53.3  | 55.0  | 57.6  | 60.7  | 64.7  | 68.9  | 71.9  | 75.3  | 78.3  | 83.2  |
| 75°    | 40.4  | 41.3  | 42.5  | 44.6  | 47.3  | 50.4  | 53.6  | 56.3  | 58.3  | 61.0  | 64.4  |
| 77.5°  | 28.9  | 30.8  | 31.6  | 33.1  | 35.1  | 36.9  | 39.1  | 41.4  | 43.3  | 44.2  | 46.9  |
| 80°    | 22.2  | 23.0  | 23.7  | 25.8  | 27.0  | 28.9  | 30.5  | 32.6  | 33.3  | 34.3  | 36.9  |
| 82.5°  | 17.3  | 17.7  | 18.2  | 18.8  | 19.5  | 21.4  | 22.9  | 24.3  | 25.0  | 25.4  | 27.3  |
| 85°    | 10.0  | 10.2  | 10.4  | 10.6  | 10.8  | 10.8  | 11.6  | 12.6  | 13.9  | 13.9  | 14.5  |
| 87.5°  | 5.5   | 5.9   | 5.6   | 5.2   | 5.5   | 4.7   | 4.9   | 4.7   | 5.1   | 5.1   | 5.4   |
| 90°    | 10.8  | 11.5  | 10.2  | 8.9   | 8.9   | 5.1   | 5.1   | 4.5   | 3.8   | 1.9   | 0.7   |
| 92.5°  | 168.4 | 202.2 | 177.0 | 128.7 | 79.3  | 46.9  | 33.7  | 24.4  | 16.6  | 10.6  | 7.3   |
| 95°    | 534.3 | 519.6 | 392.1 | 239.7 | 135.2 | 79.7  | 52.9  | 37.6  | 29.4  | 22.9  | 21.0  |
| 97.5°  | 671.2 | 547.2 | 367.0 | 215.5 | 129.1 | 86.4  | 64.0  | 50.9  | 43.2  | 37.7  | 37.7  |
| 100°   | 675.7 | 512.6 | 332.8 | 202.8 | 130.7 | 93.1  | 72.6  | 60.6  | 52.9  | 48.4  | 48.4  |
| 102.5° | 637.5 | 469.2 | 309.8 | 199.2 | 135.7 | 101.7 | 82.3  | 70.8  | 63.6  | 59.7  | 58.6  |
| 105°   | 568.0 | 418.2 | 290.1 | 200.8 | 147.9 | 117.3 | 98.8  | 87.3  | 79.7  | 76.5  | 74.6  |
| 107.5° | 511.9 | 389.6 | 286.5 | 210.3 | 162.1 | 134.0 | 115.8 | 104.8 | 96.6  | 93.4  | 92.2  |
| 110°   | 483.9 | 379.9 | 287.5 | 217.4 | 172.8 | 144.7 | 127.5 | 116.0 | 108.4 | 105.2 | 104.0 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 468.1 | 375.4 | 290.6 | 225.0 | 183.0 | 156.0 | 138.7 | 127.3 | 120.1 | 116.4 | 115.1 |
| 115°   | 453.2 | 372.9 | 296.4 | 237.2 | 198.9 | 173.4 | 156.2 | 144.1 | 137.7 | 133.2 | 131.3 |
| 117.5° | 446.6 | 372.3 | 302.7 | 249.5 | 214.3 | 190.1 | 172.3 | 160.9 | 153.9 | 149.9 | 148.1 |
| 120°   | 443.0 | 372.3 | 307.3 | 258.2 | 225.0 | 200.8 | 183.0 | 172.1 | 165.1 | 160.6 | 159.4 |
| 122.5° | 439.0 | 371.8 | 311.9 | 266.4 | 235.2 | 211.0 | 193.6 | 181.8 | 175.3 | 170.9 | 169.6 |
| 125°   | 432.2 | 371.0 | 318.8 | 278.6 | 249.2 | 226.3 | 208.5 | 196.3 | 189.3 | 185.5 | 183.0 |
| 127.5° | 423.1 | 369.7 | 324.2 | 289.2 | 262.3 | 240.1 | 222.1 | 209.5 | 201.5 | 196.9 | 194.9 |
| 130°   | 417.6 | 369.1 | 328.3 | 295.8 | 270.9 | 249.2 | 230.8 | 218.7 | 209.1 | 204.0 | 201.5 |
| 132.5° | 412.5 | 368.6 | 331.9 | 302.4 | 278.1 | 256.4 | 239.0 | 225.8 | 216.8 | 210.1 | 208.1 |
| 135°   | 404.8 | 367.9 | 337.2 | 311.1 | 288.1 | 267.1 | 250.5 | 237.2 | 226.3 | 220.0 | 217.4 |
| 137.5° | 398.2 | 367.7 | 340.4 | 317.2 | 295.8 | 276.1 | 260.3 | 246.5 | 236.1 | 229.1 | 226.7 |
| 140°   | 394.6 | 367.2 | 343.0 | 321.3 | 300.9 | 281.8 | 266.4 | 253.1 | 242.2 | 235.2 | 233.3 |
| 142.5° | 391.6 | 367.2 | 345.0 | 324.3 | 305.5 | 286.9 | 272.1 | 259.2 | 248.9 | 242.4 | 240.4 |
| 145°   | 386.3 | 365.9 | 346.2 | 327.7 | 310.5 | 293.9 | 279.9 | 267.7 | 258.9 | 252.4 | 250.5 |
| 147.5° | 381.6 | 363.6 | 346.8 | 330.6 | 315.6 | 300.0 | 287.4 | 277.3 | 268.2 | 262.5 | 261.9 |
| 150°   | 378.1 | 362.1 | 346.8 | 332.2 | 318.1 | 304.1 | 292.0 | 282.4 | 274.8 | 269.7 | 269.0 |
| 152.5° | 374.0 | 359.5 | 345.8 | 333.1 | 320.2 | 307.7 | 296.6 | 288.0 | 280.9 | 275.8 | 275.7 |
| 155°   | 367.9 | 355.7 | 344.2 | 334.0 | 323.2 | 312.3 | 302.8 | 295.8 | 289.4 | 285.6 | 284.9 |
| 157.5° | 361.6 | 351.8 | 342.6 | 334.0 | 325.4 | 316.2 | 308.7 | 302.6 | 297.6 | 294.0 | 294.0 |
| 160°   | 357.0 | 348.7 | 341.0 | 334.0 | 326.4 | 318.8 | 311.8 | 306.6 | 302.1 | 299.6 | 299.6 |
| 162.5° | 352.9 | 345.7 | 339.6 | 334.0 | 327.4 | 320.2 | 314.8 | 310.2 | 306.2 | 304.2 | 304.8 |
| 165°   | 346.2 | 341.0 | 336.6 | 332.8 | 327.7 | 322.0 | 318.1 | 315.0 | 311.8 | 310.5 | 310.5 |
| 167.5° | 340.1 | 336.5 | 333.5 | 331.3 | 327.6 | 323.3 | 320.4 | 318.6 | 316.2 | 315.6 | 316.2 |
| 170°   | 336.0 | 333.4 | 331.5 | 330.2 | 327.0 | 323.8 | 322.0 | 320.7 | 318.8 | 318.1 | 318.8 |
| 172.5° | 332.4 | 330.4 | 329.5 | 329.2 | 326.5 | 324.3 | 322.9 | 322.2 | 320.8 | 320.7 | 321.3 |
| 175°   | 328.3 | 327.0 | 327.0 | 327.7 | 325.8 | 324.5 | 324.5 | 323.8 | 323.2 | 323.2 | 323.8 |
| 177.5° | 325.5 | 325.0 | 325.0 | 326.0 | 325.0 | 324.5 | 324.5 | 324.5 | 324.0 | 324.5 | 325.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 481.8 | 483.2 | 484.8 | 487.7 | 490.2 | 491.3 | 493.4 | 495.0 | 494.5 | 496.7 | 500.3 |
| 5°     | 483.7 | 488.9 | 495.0 | 501.1 | 508.0 | 513.8 | 518.4 | 523.1 | 526.8 | 531.2 | 537.8 |
| 7.5°   | 483.4 | 492.7 | 502.8 | 513.8 | 525.2 | 535.1 | 544.1 | 553.4 | 561.7 | 570.6 | 582.4 |
| 10°    | 482.2 | 494.6 | 507.1 | 521.5 | 536.1 | 549.8 | 562.1 | 573.6 | 584.7 | 596.4 | 611.3 |
| 12.5°  | 480.8 | 495.0 | 510.1 | 527.6 | 545.6 | 562.1 | 576.6 | 593.3 | 607.1 | 622.2 | 639.4 |
| 15°    | 474.7 | 493.7 | 514.5 | 537.0 | 558.6 | 580.8 | 600.6 | 621.1 | 640.3 | 658.4 | 680.0 |
| 17.5°  | 467.7 | 489.7 | 514.0 | 540.7 | 566.6 | 593.6 | 617.3 | 643.0 | 662.5 | 686.9 | 706.9 |
| 20°    | 461.9 | 485.7 | 511.7 | 541.6 | 571.1 | 601.0 | 627.1 | 653.4 | 675.3 | 699.9 | 725.3 |
| 22.5°  | 455.0 | 481.0 | 509.2 | 540.2 | 571.1 | 603.8 | 632.7 | 658.8 | 686.0 | 713.5 | 739.8 |
| 25°    | 443.8 | 470.8 | 500.8 | 534.7 | 570.2 | 603.6 | 634.5 | 666.8 | 696.2 | 726.1 | 749.7 |
| 27.5°  | 430.1 | 458.4 | 489.9 | 525.0 | 561.4 | 595.6 | 631.9 | 666.5 | 696.0 | 724.8 | 745.3 |
| 30°    | 419.1 | 449.0 | 479.3 | 514.8 | 552.6 | 589.3 | 628.3 | 662.8 | 693.9 | 719.7 | 731.3 |
| 32.5°  | 407.8 | 436.2 | 467.4 | 503.4 | 542.1 | 581.6 | 620.2 | 655.6 | 684.3 | 699.8 | 700.1 |
| 35°    | 388.2 | 414.8 | 447.3 | 482.6 | 522.4 | 565.2 | 604.3 | 639.0 | 656.6 | 657.9 | 639.0 |
| 37.5°  | 366.9 | 391.3 | 421.8 | 457.2 | 500.8 | 543.4 | 583.3 | 606.5 | 612.4 | 592.7 | 557.8 |
| 40°    | 351.6 | 374.1 | 403.7 | 439.9 | 483.1 | 527.2 | 563.6 | 580.6 | 574.5 | 542.6 | 503.6 |
| 42.5°  | 335.5 | 356.5 | 385.0 | 420.8 | 464.1 | 508.7 | 539.7 | 548.8 | 532.5 | 495.7 | 450.0 |
| 45°    | 309.3 | 328.6 | 356.8 | 392.9 | 434.6 | 476.2 | 499.8 | 495.1 | 467.9 | 424.3 | 373.2 |
| 47.5°  | 282.0 | 300.7 | 326.0 | 359.4 | 402.1 | 438.1 | 454.0 | 440.0 | 401.3 | 353.4 | 311.8 |
| 50°    | 264.0 | 283.1 | 306.4 | 338.3 | 377.2 | 412.0 | 422.2 | 401.0 | 357.9 | 311.9 | 273.6 |
| 52.5°  | 246.2 | 262.5 | 285.4 | 316.2 | 353.4 | 382.8 | 388.2 | 363.8 | 319.4 | 278.0 | 244.1 |
| 55°    | 219.2 | 234.1 | 253.3 | 282.3 | 314.5 | 339.4 | 336.5 | 305.1 | 264.7 | 229.4 | 202.8 |
| 57.5°  | 193.1 | 204.2 | 222.1 | 249.2 | 277.5 | 294.2 | 283.6 | 256.8 | 219.2 | 190.3 | 167.9 |
| 60°    | 175.8 | 186.2 | 202.8 | 226.5 | 251.4 | 260.9 | 252.0 | 222.9 | 193.1 | 166.7 | 147.8 |
| 62.5°  | 159.4 | 168.6 | 182.9 | 204.9 | 225.0 | 230.6 | 221.1 | 195.7 | 168.9 | 146.3 | 130.7 |
| 65°    | 135.7 | 144.1 | 156.3 | 171.9 | 185.8 | 188.5 | 182.4 | 156.3 | 136.1 | 117.2 | 106.3 |
| 67.5°  | 114.1 | 119.6 | 129.1 | 142.6 | 150.0 | 151.6 | 139.7 | 123.3 | 105.4 | 93.8  | 85.7  |
| 70°    | 99.5  | 103.5 | 112.3 | 119.6 | 125.6 | 125.8 | 114.8 | 101.7 | 88.0  | 78.5  | 72.6  |
| 72.5°  | 85.5  | 89.2  | 96.0  | 100.9 | 105.6 | 104.0 | 94.0  | 83.6  | 72.6  | 65.4  | 61.0  |
| 75°    | 66.0  | 69.3  | 72.7  | 75.1  | 75.1  | 73.1  | 65.8  | 58.0  | 51.7  | 47.5  | 46.1  |
| 77.5°  | 47.9  | 50.6  | 51.9  | 51.4  | 50.8  | 47.8  | 43.1  | 38.1  | 35.8  | 33.8  | 32.8  |
| 80°    | 37.7  | 38.8  | 39.1  | 38.2  | 37.0  | 33.6  | 30.5  | 28.4  | 26.3  | 25.4  | 25.1  |
| 82.5°  | 27.9  | 28.9  | 27.9  | 28.2  | 25.6  | 22.7  | 21.0  | 20.3  | 19.5  | 19.2  | 18.8  |
| 85°    | 14.8  | 14.7  | 14.3  | 13.3  | 11.6  | 11.2  | 11.0  | 10.8  | 10.4  | 10.6  | 10.2  |
| 87.5°  | 5.5   | 5.4   | 4.9   | 4.9   | 4.9   | 5.3   | 5.5   | 5.7   | 6.0   | 5.7   | 6.1   |
| 90°    | 1.9   | 3.8   | 4.5   | 5.1   | 5.1   | 8.9   | 8.9   | 10.2  | 11.5  | 10.8  | 11.5  |
| 92.5°  | 10.6  | 16.6  | 24.4  | 33.7  | 46.9  | 79.3  | 128.7 | 177.0 | 202.2 | 168.4 | 125.2 |
| 95°    | 22.9  | 29.4  | 37.6  | 52.9  | 79.7  | 135.2 | 239.7 | 392.1 | 519.6 | 534.3 | 472.4 |
| 97.5°  | 37.7  | 43.2  | 50.9  | 64.0  | 86.4  | 129.1 | 215.5 | 367.0 | 547.2 | 671.2 | 697.9 |
| 100°   | 48.4  | 52.9  | 60.6  | 72.6  | 93.1  | 130.7 | 202.8 | 332.8 | 512.6 | 675.7 | 768.8 |
| 102.5° | 59.7  | 63.6  | 70.8  | 82.3  | 101.7 | 135.7 | 199.2 | 309.8 | 469.2 | 637.5 | 765.2 |
| 105°   | 76.5  | 79.7  | 87.3  | 98.8  | 117.3 | 147.9 | 200.8 | 290.1 | 418.2 | 568.0 | 714.0 |
| 107.5° | 93.4  | 96.6  | 104.8 | 115.8 | 134.0 | 162.1 | 210.3 | 286.5 | 389.6 | 511.9 | 641.2 |
| 110°   | 105.2 | 108.4 | 116.0 | 127.5 | 144.7 | 172.8 | 217.4 | 287.5 | 379.9 | 483.9 | 597.4 |





TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 116.4 | 120.1 | 127.3 | 138.7 | 156.0 | 183.0 | 225.0 | 290.6 | 375.4 | 468.1 | 565.2 |
| 115°   | 133.2 | 137.7 | 144.1 | 156.2 | 173.4 | 198.9 | 237.2 | 296.4 | 372.9 | 453.2 | 533.0 |
| 117.5° | 149.9 | 153.9 | 160.9 | 172.3 | 190.1 | 214.3 | 249.5 | 302.7 | 372.3 | 446.6 | 517.1 |
| 120°   | 160.6 | 165.1 | 172.1 | 183.0 | 200.8 | 225.0 | 258.2 | 307.3 | 372.3 | 443.0 | 510.0 |
| 122.5° | 170.9 | 175.3 | 181.8 | 193.6 | 211.0 | 235.2 | 266.4 | 311.9 | 371.8 | 439.0 | 503.9 |
| 125°   | 185.5 | 189.3 | 196.3 | 208.5 | 226.3 | 249.2 | 278.6 | 318.8 | 371.0 | 432.2 | 493.4 |
| 127.5° | 196.9 | 201.5 | 209.5 | 222.1 | 240.1 | 262.3 | 289.2 | 324.2 | 369.7 | 423.1 | 480.7 |
| 130°   | 204.0 | 209.1 | 218.7 | 230.8 | 249.2 | 270.9 | 295.8 | 328.3 | 369.1 | 417.6 | 470.5 |
| 132.5° | 210.1 | 216.8 | 225.8 | 239.0 | 256.4 | 278.1 | 302.4 | 331.9 | 368.6 | 412.5 | 459.7 |
| 135°   | 220.0 | 226.3 | 237.2 | 250.5 | 267.1 | 288.1 | 311.1 | 337.2 | 367.9 | 404.8 | 445.0 |
| 137.5° | 229.1 | 236.1 | 246.5 | 260.3 | 276.1 | 295.8 | 317.2 | 340.4 | 367.7 | 398.2 | 431.6 |
| 140°   | 235.2 | 242.2 | 253.1 | 266.4 | 281.8 | 300.9 | 321.3 | 343.0 | 367.2 | 394.6 | 424.0 |
| 142.5° | 242.4 | 248.9 | 259.2 | 272.1 | 286.9 | 305.5 | 324.3 | 345.0 | 367.2 | 391.6 | 416.8 |
| 145°   | 252.4 | 258.9 | 267.7 | 279.9 | 293.9 | 310.5 | 327.7 | 346.2 | 365.9 | 386.3 | 406.8 |
| 147.5° | 262.5 | 268.2 | 277.3 | 287.4 | 300.0 | 315.6 | 330.6 | 346.8 | 363.6 | 381.6 | 398.4 |
| 150°   | 269.7 | 274.8 | 282.4 | 292.0 | 304.1 | 318.1 | 332.2 | 346.8 | 362.1 | 378.1 | 393.3 |
| 152.5° | 275.8 | 280.9 | 288.0 | 296.6 | 307.7 | 320.2 | 333.1 | 345.8 | 359.5 | 374.0 | 387.8 |
| 155°   | 285.6 | 289.4 | 295.8 | 302.8 | 312.3 | 323.2 | 334.0 | 344.2 | 355.7 | 367.9 | 379.3 |
| 157.5° | 294.0 | 297.6 | 302.6 | 308.7 | 316.2 | 325.4 | 334.0 | 342.6 | 351.8 | 361.6 | 370.2 |
| 160°   | 299.6 | 302.1 | 306.6 | 311.8 | 318.8 | 326.4 | 334.0 | 341.0 | 348.7 | 357.0 | 364.7 |
| 162.5° | 304.2 | 306.2 | 310.2 | 314.8 | 320.2 | 327.4 | 334.0 | 339.6 | 345.7 | 352.9 | 359.1 |
| 165°   | 310.5 | 311.8 | 315.0 | 318.1 | 322.0 | 327.7 | 332.8 | 336.6 | 341.0 | 346.2 | 351.2 |
| 167.5° | 315.6 | 316.2 | 318.6 | 320.4 | 323.3 | 327.6 | 331.3 | 333.5 | 336.5 | 340.1 | 343.7 |
| 170°   | 318.1 | 318.8 | 320.7 | 322.0 | 323.8 | 327.0 | 330.2 | 331.5 | 333.4 | 336.0 | 339.2 |
| 172.5° | 320.7 | 320.8 | 322.2 | 322.9 | 324.3 | 326.5 | 329.2 | 329.5 | 330.4 | 332.4 | 335.1 |
| 175°   | 323.2 | 323.2 | 323.8 | 324.5 | 324.5 | 325.8 | 327.7 | 327.0 | 327.0 | 328.3 | 329.6 |
| 177.5° | 324.5 | 324.0 | 324.5 | 324.5 | 324.5 | 325.0 | 326.0 | 325.0 | 325.0 | 325.5 | 326.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 | 478.9 |
| 2.5°   | 502.4 | 503.0 | 503.4 | 505.0 | 505.2 | 506.5 | 505.2 |
| 5°     | 544.0 | 546.7 | 550.9 | 555.1 | 555.5 | 558.2 | 553.4 |
| 7.5°   | 590.5 | 596.8 | 600.7 | 607.6 | 610.3 | 612.0 | 609.2 |
| 10°    | 622.6 | 628.4 | 638.7 | 643.7 | 648.7 | 649.5 | 647.2 |
| 12.5°  | 653.7 | 662.8 | 670.9 | 680.4 | 680.2 | 687.0 | 684.5 |
| 15°    | 695.0 | 704.5 | 715.7 | 726.3 | 730.1 | 730.1 | 733.2 |
| 17.5°  | 724.5 | 741.8 | 753.4 | 761.7 | 770.9 | 772.4 | 771.4 |
| 20°    | 744.4 | 763.1 | 775.5 | 786.3 | 792.5 | 794.2 | 794.2 |
| 22.5°  | 759.2 | 775.2 | 787.3 | 797.0 | 802.0 | 804.0 | 803.5 |
| 25°    | 769.5 | 783.2 | 790.5 | 793.4 | 794.8 | 794.4 | 790.8 |
| 27.5°  | 755.5 | 754.8 | 750.2 | 741.4 | 734.7 | 730.6 | 725.9 |
| 30°    | 728.6 | 718.5 | 706.9 | 694.2 | 677.8 | 665.3 | 661.5 |
| 32.5°  | 688.6 | 666.1 | 646.5 | 625.3 | 607.6 | 595.1 | 589.8 |
| 35°    | 611.3 | 575.6 | 546.4 | 521.0 | 502.5 | 490.9 | 487.0 |
| 37.5°  | 519.5 | 484.9 | 448.9 | 424.2 | 408.8 | 397.1 | 392.8 |
| 40°    | 461.1 | 423.5 | 392.1 | 368.9 | 353.1 | 341.7 | 341.5 |
| 42.5°  | 407.9 | 371.9 | 342.3 | 325.7 | 308.7 | 301.1 | 301.1 |
| 45°    | 334.0 | 305.2 | 280.1 | 267.0 | 256.8 | 250.6 | 248.9 |
| 47.5°  | 276.5 | 252.7 | 236.0 | 225.6 | 217.3 | 213.4 | 210.8 |
| 50°    | 244.3 | 223.5 | 210.1 | 201.1 | 196.4 | 191.4 | 191.0 |
| 52.5°  | 217.4 | 200.6 | 190.2 | 182.9 | 177.0 | 174.0 | 174.1 |
| 55°    | 182.7 | 169.4 | 162.1 | 156.5 | 151.9 | 149.5 | 148.5 |
| 57.5°  | 153.9 | 144.0 | 138.6 | 133.5 | 131.5 | 129.7 | 129.2 |
| 60°    | 136.1 | 129.3 | 124.3 | 120.2 | 117.3 | 116.8 | 116.5 |
| 62.5°  | 121.2 | 114.1 | 110.7 | 107.5 | 105.4 | 104.5 | 104.2 |
| 65°    | 100.0 | 94.7  | 91.6  | 89.1  | 88.4  | 87.0  | 86.8  |
| 67.5°  | 80.6  | 77.5  | 75.4  | 73.7  | 72.6  | 72.6  | 72.6  |
| 70°    | 68.7  | 66.9  | 65.2  | 64.2  | 63.7  | 63.3  | 63.3  |
| 72.5°  | 58.5  | 57.2  | 55.8  | 55.3  | 55.2  | 54.8  | 54.6  |
| 75°    | 44.6  | 43.2  | 43.5  | 42.5  | 41.7  | 40.7  | 40.1  |
| 77.5°  | 31.6  | 30.7  | 30.4  | 30.3  | 29.7  | 29.6  | 29.8  |
| 80°    | 24.5  | 23.6  | 23.3  | 23.6  | 23.3  | 22.7  | 22.7  |
| 82.5°  | 18.7  | 17.9  | 17.6  | 17.5  | 17.4  | 17.5  | 17.2  |
| 85°    | 10.0  | 9.6   | 9.6   | 9.6   | 10.0  | 9.9   | 9.6   |
| 87.5°  | 6.0   | 6.0   | 6.1   | 6.0   | 6.2   | 6.0   | 6.0   |
| 90°    | 12.1  | 12.7  | 12.7  | 13.4  | 14.0  | 13.4  | 13.4  |
| 92.5°  | 94.2  | 75.0  | 62.2  | 54.7  | 51.3  | 49.1  | 49.1  |
| 95°    | 373.6 | 288.1 | 226.3 | 195.1 | 175.3 | 163.9 | 155.6 |
| 97.5°  | 661.2 | 598.8 | 532.3 | 486.6 | 448.2 | 429.0 | 415.8 |
| 100°   | 781.5 | 750.3 | 703.2 | 647.7 | 608.8 | 589.7 | 584.6 |
| 102.5° | 828.5 | 837.6 | 817.9 | 783.9 | 755.7 | 735.6 | 731.5 |
| 105°   | 824.3 | 887.4 | 913.5 | 914.8 | 909.7 | 900.8 | 897.0 |
| 107.5° | 758.6 | 847.5 | 904.3 | 935.9 | 950.4 | 956.8 | 958.4 |
| 110°   | 707.6 | 800.1 | 870.2 | 915.4 | 942.2 | 953.7 | 959.4 |



TEST NUMBER: P332879-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 662.8 | 750.1 | 820.2 | 871.6 | 904.0 | 920.1 | 929.4 |
| 115°   | 611.4 | 685.9 | 747.1 | 797.5 | 835.8 | 856.1 | 861.3 |
| 117.5° | 582.0 | 640.7 | 692.6 | 735.6 | 767.7 | 788.3 | 792.3 |
| 120°   | 569.3 | 620.3 | 665.5 | 701.9 | 729.9 | 746.5 | 753.5 |
| 122.5° | 561.1 | 607.6 | 647.2 | 677.9 | 701.9 | 715.9 | 722.9 |
| 125°   | 548.3 | 592.2 | 627.3 | 652.8 | 671.3 | 683.4 | 687.2 |
| 127.5° | 533.0 | 576.9 | 610.3 | 635.9 | 652.3 | 662.5 | 666.3 |
| 130°   | 520.8 | 564.2 | 597.9 | 624.1 | 640.1 | 650.3 | 654.1 |
| 132.5° | 507.0 | 549.4 | 583.2 | 608.8 | 626.8 | 636.5 | 640.3 |
| 135°   | 486.4 | 525.3 | 557.2 | 582.7 | 600.5 | 610.7 | 614.6 |
| 137.5° | 466.7 | 499.5 | 528.2 | 552.0 | 569.6 | 578.0 | 582.7 |
| 140°   | 453.9 | 482.6 | 509.4 | 531.7 | 545.7 | 554.6 | 559.7 |
| 142.5° | 443.2 | 467.8 | 491.0 | 510.8 | 523.7 | 531.7 | 535.2 |
| 145°   | 428.4 | 447.5 | 465.4 | 481.4 | 492.1 | 498.6 | 501.7 |
| 147.5° | 415.6 | 431.0 | 445.0 | 456.7 | 466.0 | 470.8 | 472.0 |
| 150°   | 408.0 | 420.8 | 432.2 | 442.5 | 450.7 | 454.5 | 455.2 |
| 152.5° | 400.3 | 412.1 | 421.5 | 430.2 | 436.9 | 439.2 | 439.9 |
| 155°   | 389.6 | 399.1 | 406.8 | 413.1 | 418.2 | 420.1 | 420.1 |
| 157.5° | 378.8 | 386.9 | 393.0 | 397.8 | 401.6 | 402.8 | 402.8 |
| 160°   | 371.7 | 378.7 | 383.8 | 387.6 | 391.4 | 392.1 | 392.1 |
| 162.5° | 365.0 | 370.6 | 375.1 | 377.9 | 381.7 | 382.4 | 381.9 |
| 165°   | 355.1 | 359.5 | 362.7 | 365.3 | 367.9 | 367.2 | 366.6 |
| 167.5° | 346.7 | 350.3 | 352.1 | 353.4 | 355.1 | 355.0 | 354.4 |
| 170°   | 341.0 | 343.6 | 345.5 | 346.8 | 347.4 | 346.8 | 346.8 |
| 172.5° | 336.5 | 338.0 | 339.4 | 340.1 | 340.8 | 340.1 | 339.2 |
| 175°   | 330.2 | 331.5 | 331.5 | 331.5 | 332.8 | 331.5 | 330.2 |
| 177.5° | 326.5 | 326.5 | 327.0 | 326.5 | 327.0 | 326.0 | 325.0 |
| 180°   | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |

(END OF REPORT)