

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: P332878-930

Luminaire Tested: **S124RDIP-S350D810U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332878-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
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-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3499.6 lumens
Efficiency: N/A
Efficacy: 112.2 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

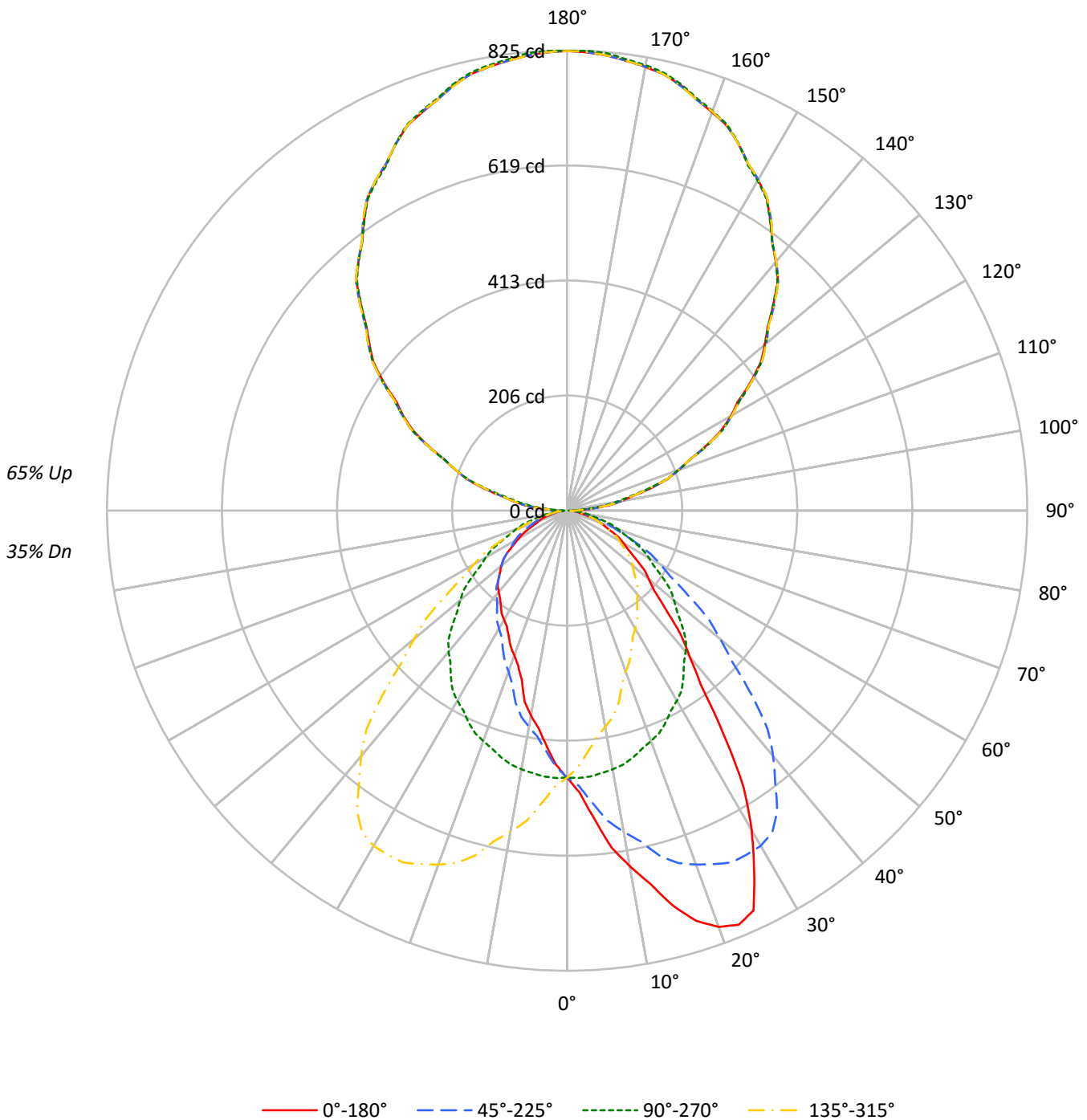
Input Watts (W): 31.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 75 | 75 | 75 | 58 | 58 | 58 | 42 | 42 | 42 | 35 |
| 1 | 95 | 91 | 87 | 84 | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 | 30 |
| 2 | 86 | 79 | 74 | 69 | 78 | 72 | 67 | 63 | 58 | 55 | 52 | 45 | 43 | 41 | 33 | 32 | 31 | 25 |
| 3 | 79 | 70 | 63 | 58 | 71 | 64 | 58 | 53 | 51 | 47 | 44 | 40 | 37 | 35 | 30 | 28 | 27 | 22 |
| 4 | 72 | 62 | 55 | 49 | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 36 | 33 | 30 | 27 | 25 | 23 | 19 |
| 5 | 66 | 55 | 48 | 42 | 60 | 50 | 44 | 39 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 | 17 |
| 6 | 61 | 50 | 42 | 36 | 55 | 45 | 38 | 34 | 37 | 32 | 28 | 29 | 26 | 23 | 22 | 20 | 18 | 15 |
| 7 | 57 | 45 | 37 | 32 | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 27 | 23 | 20 | 20 | 18 | 16 | 13 |
| 8 | 52 | 41 | 33 | 28 | 47 | 37 | 31 | 26 | 31 | 26 | 22 | 24 | 21 | 18 | 19 | 16 | 14 | 12 |
| 9 | 49 | 37 | 30 | 25 | 44 | 34 | 28 | 23 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 15 | 13 | 11 |
| 10 | 45 | 34 | 27 | 22 | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 14 | 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 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 46.4 | 1.3 |
| 10°-20° | 140.0 | 4.0 |
| 20°-30° | 218.9 | 6.3 |
| 30°-40° | 243.4 | 7.0 |
| 40°-50° | 215.9 | 6.2 |
| 50°-60° | 168.3 | 4.8 |
| 60°-70° | 110.2 | 3.1 |
| 70°-80° | 54.2 | 1.5 |
| 80°-90° | 15.8 | 0.5 |
| 90°-100° | 54.4 | 1.6 |
| 100°-110° | 161.0 | 4.6 |
| 110°-120° | 273.3 | 7.8 |
| 120°-130° | 360.4 | 10.3 |
| 130°-140° | 404.7 | 11.6 |
| 140°-150° | 397.7 | 11.4 |
| 150°-160° | 334.5 | 9.6 |
| 160°-170° | 222.6 | 6.4 |
| 170°-180° | 77.9 | 2.2 |
| 0°-30° | 405.3 | 11.6 |
| 0°-40° | 648.7 | 18.5 |
| 0°-60° | 1032.9 | 29.5 |
| 0°-90° | 1213.0 | 34.7 |
| 90°-120° | 488.7 | 14.0 |
| 90°-150° | 1651.5 | 47.2 |
| 90°-180° | 2287.0 | 65.4 |
| 0°-180° | 3499.6 | 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° | 19 | 2 | 19 | 2 | 19 | 10 |
| 95° | 50 | 38 | 50 | 38 | 50 | 52 |
| 105° | 156 | 148 | 156 | 148 | 156 | 164 |
| 115° | 275 | 278 | 275 | 278 | 275 | 272 |
| 125° | 402 | 405 | 402 | 405 | 402 | 358 |
| 135° | 523 | 522 | 523 | 522 | 523 | 404 |
| 145° | 635 | 634 | 635 | 634 | 635 | 397 |
| 155° | 726 | 727 | 726 | 727 | 726 | 334 |
| 165° | 789 | 791 | 789 | 791 | 789 | 222 |
| 175° | 819 | 823 | 819 | 823 | 819 | 78 |
| 180° | 824 | 824 | 824 | 824 | 824 | |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 7.3 | 7.0 | 7.1 | 7.0 | 7.2 | 6.8 | 6.8 | 7.0 | 6.5 | 6.5 | 6.3 |
| 90° | 19.2 | 18.8 | 18.6 | 18.3 | 18.0 | 17.4 | 16.6 | 15.7 | 14.8 | 14.0 | 12.9 |
| 92.5° | 28.3 | 28.1 | 28.0 | 27.8 | 27.6 | 27.3 | 26.7 | 26.3 | 25.8 | 25.3 | 24.5 |
| 95° | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.1 | 49.7 | 49.3 | 48.8 | 48.4 | 47.5 |
| 97.5° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.7 | 78.1 | 77.6 | 77.1 | 76.6 | 75.4 |
| 100° | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.7 | 98.4 | 98.1 | 97.8 | 97.5 | 96.2 |
| 102.5° | 121.2 | 121.2 | 121.0 | 120.9 | 120.7 | 120.5 | 120.1 | 119.8 | 119.4 | 119.0 | 117.8 |
| 105° | 155.6 | 155.1 | 154.7 | 154.3 | 153.8 | 153.4 | 153.0 | 152.5 | 152.1 | 151.7 | 151.2 |
| 107.5° | 188.9 | 189.0 | 189.0 | 189.0 | 189.1 | 188.8 | 188.4 | 188.1 | 187.7 | 187.3 | 187.2 |
| 110° | 212.9 | 212.5 | 212.1 | 211.7 | 211.2 | 211.1 | 211.4 | 211.7 | 212.0 | 212.2 | 212.4 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.3 | 237.3 | 237.2 | 237.1 | 237.0 | 237.0 | 237.1 | 237.1 | 237.2 | 237.3 | 237.5 |
| 115° | 275.3 | 275.5 | 275.7 | 275.8 | 275.9 | 276.1 | 276.2 | 276.3 | 276.5 | 276.6 | 276.9 |
| 117.5° | 311.5 | 311.9 | 312.1 | 312.4 | 312.7 | 313.1 | 313.6 | 314.1 | 314.5 | 315.0 | 315.2 |
| 120° | 339.1 | 338.8 | 338.5 | 338.3 | 337.9 | 338.2 | 338.8 | 339.6 | 340.3 | 341.0 | 341.4 |
| 122.5° | 362.1 | 362.6 | 363.1 | 363.5 | 364.1 | 364.6 | 365.1 | 365.5 | 366.0 | 366.5 | 366.7 |
| 125° | 401.5 | 401.9 | 402.1 | 402.4 | 402.7 | 403.0 | 403.2 | 403.6 | 403.8 | 404.1 | 404.2 |
| 127.5° | 438.1 | 438.4 | 438.6 | 438.8 | 439.0 | 439.3 | 439.6 | 439.9 | 440.2 | 440.4 | 440.7 |
| 130° | 462.1 | 462.7 | 463.3 | 463.8 | 464.4 | 464.8 | 465.0 | 465.4 | 465.6 | 465.9 | 465.9 |
| 132.5° | 487.6 | 487.8 | 488.0 | 488.3 | 488.5 | 488.8 | 489.0 | 489.3 | 489.6 | 489.9 | 490.0 |
| 135° | 522.7 | 523.1 | 523.5 | 523.9 | 524.3 | 524.7 | 525.0 | 525.3 | 525.5 | 525.9 | 525.9 |
| 137.5° | 559.5 | 559.4 | 559.3 | 559.2 | 559.1 | 559.3 | 559.7 | 560.0 | 560.4 | 560.8 | 560.5 |
| 140° | 582.0 | 582.0 | 582.2 | 582.4 | 582.5 | 582.6 | 582.8 | 582.9 | 583.1 | 583.2 | 583.2 |
| 142.5° | 604.4 | 604.4 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.6 | 604.6 | 604.7 |
| 145° | 634.9 | 635.3 | 635.7 | 636.1 | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 |
| 147.5° | 665.7 | 665.9 | 665.9 | 666.1 | 666.3 | 666.3 | 666.5 | 666.6 | 666.8 | 666.8 | 666.9 |
| 150° | 684.5 | 684.7 | 684.9 | 685.0 | 685.1 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 |
| 152.5° | 701.9 | 702.3 | 702.6 | 703.0 | 703.4 | 703.4 | 703.0 | 702.7 | 702.4 | 702.1 | 701.9 |
| 155° | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 | 726.5 | 726.0 | 726.1 |
| 157.5° | 747.5 | 748.0 | 748.5 | 749.0 | 749.4 | 749.5 | 749.1 | 748.6 | 748.2 | 747.8 | 747.8 |
| 160° | 759.8 | 760.5 | 761.2 | 761.9 | 762.6 | 762.7 | 762.3 | 761.9 | 761.5 | 761.1 | 761.2 |
| 162.5° | 772.5 | 773.2 | 774.0 | 774.6 | 775.3 | 775.3 | 774.5 | 773.8 | 773.1 | 772.3 | 772.4 |
| 165° | 789.1 | 789.6 | 790.2 | 790.8 | 791.3 | 791.2 | 790.4 | 789.5 | 788.6 | 787.8 | 788.1 |
| 167.5° | 801.0 | 801.8 | 802.7 | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 | 801.9 | 801.0 | 801.0 |
| 170° | 807.6 | 808.5 | 809.6 | 810.6 | 811.5 | 811.6 | 810.7 | 809.9 | 809.0 | 808.2 | 808.0 |
| 172.5° | 813.2 | 814.2 | 815.1 | 816.2 | 817.2 | 817.2 | 816.2 | 815.2 | 814.2 | 813.3 | 813.3 |
| 175° | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 | 820.0 | 819.0 | 819.2 |
| 177.5° | 822.1 | 823.0 | 823.9 | 824.8 | 825.7 | 825.8 | 825.0 | 824.2 | 823.4 | 822.6 | 822.6 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 6.0 | 5.7 | 5.8 | 5.5 | 5.3 | 5.6 | 5.8 | 5.6 | 5.5 | 5.3 | 5.1 |
| 90° | 11.7 | 10.6 | 9.5 | 8.2 | 6.6 | 5.1 | 3.5 | 1.9 | 3.5 | 5.1 | 6.6 |
| 92.5° | 23.6 | 22.8 | 22.1 | 20.8 | 19.0 | 17.2 | 15.4 | 13.6 | 15.4 | 17.2 | 19.0 |
| 95° | 46.5 | 45.5 | 44.5 | 43.4 | 42.1 | 40.8 | 39.5 | 38.2 | 39.5 | 40.8 | 42.1 |
| 97.5° | 74.3 | 73.1 | 72.0 | 70.8 | 69.9 | 68.8 | 67.8 | 66.8 | 67.8 | 68.8 | 69.9 |
| 100° | 95.0 | 93.7 | 92.5 | 91.5 | 90.9 | 90.3 | 89.8 | 89.3 | 89.8 | 90.3 | 90.9 |
| 102.5° | 116.6 | 115.4 | 114.3 | 113.6 | 113.4 | 113.2 | 112.9 | 112.7 | 112.9 | 113.2 | 113.4 |
| 105° | 150.6 | 150.0 | 149.4 | 149.1 | 149.0 | 148.8 | 148.6 | 148.5 | 148.6 | 148.8 | 149.0 |
| 107.5° | 187.1 | 187.0 | 186.9 | 186.8 | 186.6 | 186.5 | 186.3 | 186.1 | 186.3 | 186.5 | 186.6 |
| 110° | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.1 | 211.9 | 211.7 | 211.9 | 212.1 | 212.5 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.7 | 238.0 | 238.2 | 238.4 | 238.3 | 238.2 | 238.1 | 238.1 | 238.1 | 238.2 | 238.3 |
| 115° | 277.2 | 277.4 | 277.8 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 |
| 117.5° | 315.4 | 315.6 | 315.8 | 315.8 | 315.7 | 315.6 | 315.5 | 315.4 | 315.5 | 315.6 | 315.7 |
| 120° | 341.9 | 342.3 | 342.7 | 342.7 | 342.1 | 341.5 | 341.0 | 340.4 | 341.0 | 341.5 | 342.1 |
| 122.5° | 366.9 | 367.1 | 367.3 | 367.3 | 367.0 | 366.8 | 366.6 | 366.4 | 366.6 | 366.8 | 367.0 |
| 125° | 404.4 | 404.6 | 404.6 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 |
| 127.5° | 440.9 | 441.1 | 441.3 | 441.2 | 440.8 | 440.4 | 439.9 | 439.5 | 439.9 | 440.4 | 440.8 |
| 130° | 465.9 | 465.9 | 465.9 | 465.7 | 465.3 | 464.9 | 464.5 | 464.0 | 464.5 | 464.9 | 465.3 |
| 132.5° | 490.2 | 490.2 | 490.3 | 490.2 | 489.9 | 489.7 | 489.3 | 489.0 | 489.3 | 489.7 | 489.9 |
| 135° | 525.9 | 525.9 | 525.9 | 525.5 | 524.6 | 523.7 | 522.9 | 522.0 | 522.9 | 523.7 | 524.6 |
| 137.5° | 560.4 | 560.1 | 559.9 | 559.5 | 559.1 | 558.7 | 558.4 | 558.0 | 558.4 | 558.7 | 559.1 |
| 140° | 583.2 | 583.2 | 583.2 | 583.1 | 582.8 | 582.5 | 582.2 | 582.0 | 582.2 | 582.5 | 582.8 |
| 142.5° | 604.9 | 605.0 | 605.1 | 605.0 | 604.7 | 604.5 | 604.1 | 603.9 | 604.1 | 604.5 | 604.7 |
| 145° | 637.1 | 637.0 | 636.8 | 636.5 | 635.9 | 635.4 | 634.8 | 634.2 | 634.8 | 635.4 | 635.9 |
| 147.5° | 667.1 | 667.2 | 667.3 | 667.0 | 666.3 | 665.6 | 665.0 | 664.3 | 665.0 | 665.6 | 666.3 |
| 150° | 685.2 | 685.2 | 685.2 | 684.9 | 684.4 | 683.8 | 683.2 | 682.7 | 683.2 | 683.8 | 684.4 |
| 152.5° | 701.8 | 701.6 | 701.6 | 701.3 | 701.0 | 700.7 | 700.3 | 700.0 | 700.3 | 700.7 | 701.0 |
| 155° | 726.3 | 726.4 | 726.5 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 |
| 157.5° | 747.9 | 747.9 | 747.9 | 748.0 | 748.3 | 748.5 | 748.8 | 749.1 | 748.8 | 748.5 | 748.3 |
| 160° | 761.3 | 761.5 | 761.6 | 761.7 | 761.9 | 762.1 | 762.1 | 762.3 | 762.1 | 762.1 | 761.9 |
| 162.5° | 772.6 | 772.7 | 772.8 | 773.1 | 773.5 | 773.8 | 774.2 | 774.5 | 774.2 | 773.8 | 773.5 |
| 165° | 788.4 | 788.6 | 789.0 | 789.3 | 789.7 | 790.2 | 790.6 | 791.0 | 790.6 | 790.2 | 789.7 |
| 167.5° | 801.0 | 801.0 | 801.0 | 801.3 | 801.8 | 802.4 | 803.0 | 803.6 | 803.0 | 802.4 | 801.8 |
| 170° | 808.0 | 807.8 | 807.6 | 808.0 | 808.6 | 809.3 | 810.1 | 810.7 | 810.1 | 809.3 | 808.6 |
| 172.5° | 813.3 | 813.3 | 813.2 | 813.5 | 814.1 | 814.6 | 815.3 | 815.9 | 815.3 | 814.6 | 814.1 |
| 175° | 819.3 | 819.5 | 819.6 | 820.0 | 820.8 | 821.4 | 822.1 | 822.9 | 822.1 | 821.4 | 820.8 |
| 177.5° | 822.6 | 822.6 | 822.6 | 822.9 | 823.5 | 824.0 | 824.6 | 825.2 | 824.6 | 824.0 | 823.5 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 5.5 | 5.6 | 5.8 | 5.7 | 6.1 | 6.4 | 6.4 | 6.5 | 6.8 | 6.7 | 6.8 |
| 90° | 8.2 | 9.5 | 10.6 | 11.7 | 12.9 | 14.0 | 14.8 | 15.7 | 16.6 | 17.4 | 18.0 |
| 92.5° | 20.8 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 25.8 | 26.3 | 26.7 | 27.3 | 27.6 |
| 95° | 43.4 | 44.5 | 45.5 | 46.5 | 47.5 | 48.4 | 48.8 | 49.3 | 49.7 | 50.1 | 50.4 |
| 97.5° | 70.8 | 72.0 | 73.1 | 74.3 | 75.4 | 76.6 | 77.1 | 77.6 | 78.1 | 78.7 | 78.9 |
| 100° | 91.5 | 92.5 | 93.7 | 95.0 | 96.2 | 97.5 | 97.8 | 98.1 | 98.4 | 98.7 | 98.8 |
| 102.5° | 113.6 | 114.3 | 115.4 | 116.6 | 117.8 | 119.0 | 119.4 | 119.8 | 120.1 | 120.5 | 120.7 |
| 105° | 149.1 | 149.4 | 150.0 | 150.6 | 151.2 | 151.7 | 152.1 | 152.5 | 153.0 | 153.4 | 153.8 |
| 107.5° | 186.8 | 186.9 | 187.0 | 187.1 | 187.2 | 187.3 | 187.7 | 188.1 | 188.4 | 188.8 | 189.1 |
| 110° | 212.7 | 212.8 | 212.7 | 212.5 | 212.4 | 212.2 | 212.0 | 211.7 | 211.4 | 211.1 | 211.2 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 238.4 | 238.2 | 238.0 | 237.7 | 237.5 | 237.3 | 237.2 | 237.1 | 237.1 | 237.0 | 237.0 |
| 115° | 277.9 | 277.8 | 277.4 | 277.2 | 276.9 | 276.6 | 276.5 | 276.3 | 276.2 | 276.1 | 275.9 |
| 117.5° | 315.8 | 315.8 | 315.6 | 315.4 | 315.2 | 315.0 | 314.5 | 314.1 | 313.6 | 313.1 | 312.7 |
| 120° | 342.7 | 342.7 | 342.3 | 341.9 | 341.4 | 341.0 | 340.3 | 339.6 | 338.8 | 338.2 | 337.9 |
| 122.5° | 367.3 | 367.3 | 367.1 | 366.9 | 366.7 | 366.5 | 366.0 | 365.5 | 365.1 | 364.6 | 364.1 |
| 125° | 404.7 | 404.6 | 404.6 | 404.4 | 404.2 | 404.1 | 403.8 | 403.6 | 403.2 | 403.0 | 402.7 |
| 127.5° | 441.2 | 441.3 | 441.1 | 440.9 | 440.7 | 440.4 | 440.2 | 439.9 | 439.6 | 439.3 | 439.0 |
| 130° | 465.7 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.6 | 465.4 | 465.0 | 464.8 | 464.4 |
| 132.5° | 490.2 | 490.3 | 490.2 | 490.2 | 490.0 | 489.9 | 489.6 | 489.3 | 489.0 | 488.8 | 488.5 |
| 135° | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 525.3 | 525.0 | 524.7 | 524.3 |
| 137.5° | 559.5 | 559.9 | 560.1 | 560.4 | 560.5 | 560.8 | 560.4 | 560.0 | 559.7 | 559.3 | 559.1 |
| 140° | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.9 | 582.8 | 582.6 | 582.5 |
| 142.5° | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.6 | 604.6 | 604.5 | 604.5 | 604.5 | 604.5 |
| 145° | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 | 637.1 | 637.0 | 636.8 | 636.5 |
| 147.5° | 667.0 | 667.3 | 667.2 | 667.1 | 666.9 | 666.8 | 666.8 | 666.6 | 666.5 | 666.3 | 666.3 |
| 150° | 684.9 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.1 |
| 152.5° | 701.3 | 701.6 | 701.6 | 701.8 | 701.9 | 702.1 | 702.4 | 702.7 | 703.0 | 703.4 | 703.4 |
| 155° | 726.6 | 726.5 | 726.4 | 726.3 | 726.1 | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 |
| 157.5° | 748.0 | 747.9 | 747.9 | 747.9 | 747.8 | 747.8 | 748.2 | 748.6 | 749.1 | 749.5 | 749.4 |
| 160° | 761.7 | 761.6 | 761.5 | 761.3 | 761.2 | 761.1 | 761.5 | 761.9 | 762.3 | 762.7 | 762.6 |
| 162.5° | 773.1 | 772.8 | 772.7 | 772.6 | 772.4 | 772.3 | 773.1 | 773.8 | 774.5 | 775.3 | 775.3 |
| 165° | 789.3 | 789.0 | 788.6 | 788.4 | 788.1 | 787.8 | 788.6 | 789.5 | 790.4 | 791.2 | 791.3 |
| 167.5° | 801.3 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.9 | 802.7 | 803.6 | 804.5 | 804.5 |
| 170° | 808.0 | 807.6 | 807.8 | 808.0 | 808.0 | 808.2 | 809.0 | 809.9 | 810.7 | 811.6 | 811.5 |
| 172.5° | 813.5 | 813.2 | 813.3 | 813.3 | 813.3 | 813.3 | 814.2 | 815.2 | 816.2 | 817.2 | 817.2 |
| 175° | 820.0 | 819.6 | 819.5 | 819.3 | 819.2 | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 |
| 177.5° | 822.9 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 823.4 | 824.2 | 825.0 | 825.8 | 825.7 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 7.2 | 7.1 | 7.0 | 7.3 | 7.0 | 7.1 | 7.2 | 6.8 | 6.7 | 6.8 | 6.5 |
| 90° | 18.3 | 18.6 | 18.8 | 19.2 | 18.8 | 18.6 | 18.3 | 18.0 | 17.4 | 16.6 | 15.7 |
| 92.5° | 27.8 | 28.0 | 28.1 | 28.3 | 28.1 | 28.0 | 27.8 | 27.6 | 27.3 | 26.7 | 26.3 |
| 95° | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.1 | 49.7 | 49.3 |
| 97.5° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.7 | 78.1 | 77.6 |
| 100° | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.7 | 98.4 | 98.1 |
| 102.5° | 120.9 | 121.0 | 121.2 | 121.2 | 121.2 | 121.0 | 120.9 | 120.7 | 120.5 | 120.1 | 119.8 |
| 105° | 154.3 | 154.7 | 155.1 | 155.6 | 155.1 | 154.7 | 154.3 | 153.8 | 153.4 | 153.0 | 152.5 |
| 107.5° | 189.0 | 189.0 | 189.0 | 188.9 | 189.0 | 189.0 | 189.0 | 189.1 | 188.8 | 188.4 | 188.1 |
| 110° | 211.7 | 212.1 | 212.5 | 212.9 | 212.5 | 212.1 | 211.7 | 211.2 | 211.1 | 211.4 | 211.7 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.1 | 237.2 | 237.3 | 237.3 | 237.3 | 237.2 | 237.1 | 237.0 | 237.0 | 237.1 | 237.1 |
| 115° | 275.8 | 275.7 | 275.5 | 275.3 | 275.5 | 275.7 | 275.8 | 275.9 | 276.1 | 276.2 | 276.3 |
| 117.5° | 312.4 | 312.1 | 311.9 | 311.5 | 311.9 | 312.1 | 312.4 | 312.7 | 313.1 | 313.6 | 314.1 |
| 120° | 338.3 | 338.5 | 338.8 | 339.1 | 338.8 | 338.5 | 338.3 | 337.9 | 338.2 | 338.8 | 339.6 |
| 122.5° | 363.5 | 363.1 | 362.6 | 362.1 | 362.6 | 363.1 | 363.5 | 364.1 | 364.6 | 365.1 | 365.5 |
| 125° | 402.4 | 402.1 | 401.9 | 401.5 | 401.9 | 402.1 | 402.4 | 402.7 | 403.0 | 403.2 | 403.6 |
| 127.5° | 438.8 | 438.6 | 438.4 | 438.1 | 438.4 | 438.6 | 438.8 | 439.0 | 439.3 | 439.6 | 439.9 |
| 130° | 463.8 | 463.3 | 462.7 | 462.1 | 462.7 | 463.3 | 463.8 | 464.4 | 464.8 | 465.0 | 465.4 |
| 132.5° | 488.3 | 488.0 | 487.8 | 487.6 | 487.8 | 488.0 | 488.3 | 488.5 | 488.8 | 489.0 | 489.3 |
| 135° | 523.9 | 523.5 | 523.1 | 522.7 | 523.1 | 523.5 | 523.9 | 524.3 | 524.7 | 525.0 | 525.3 |
| 137.5° | 559.2 | 559.3 | 559.4 | 559.5 | 559.4 | 559.3 | 559.2 | 559.1 | 559.3 | 559.7 | 560.0 |
| 140° | 582.4 | 582.2 | 582.0 | 582.0 | 582.0 | 582.2 | 582.4 | 582.5 | 582.6 | 582.8 | 582.9 |
| 142.5° | 604.5 | 604.5 | 604.4 | 604.4 | 604.4 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 |
| 145° | 636.1 | 635.7 | 635.3 | 634.9 | 635.3 | 635.7 | 636.1 | 636.5 | 636.8 | 637.0 | 637.1 |
| 147.5° | 666.1 | 665.9 | 665.9 | 665.7 | 665.9 | 665.9 | 666.1 | 666.3 | 666.3 | 666.5 | 666.6 |
| 150° | 685.0 | 684.9 | 684.7 | 684.5 | 684.7 | 684.9 | 685.0 | 685.1 | 685.2 | 685.2 | 685.2 |
| 152.5° | 703.0 | 702.6 | 702.3 | 701.9 | 702.3 | 702.6 | 703.0 | 703.4 | 703.4 | 703.0 | 702.7 |
| 155° | 727.7 | 727.1 | 726.5 | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 |
| 157.5° | 749.0 | 748.5 | 748.0 | 747.5 | 748.0 | 748.5 | 749.0 | 749.4 | 749.5 | 749.1 | 748.6 |
| 160° | 761.9 | 761.2 | 760.5 | 759.8 | 760.5 | 761.2 | 761.9 | 762.6 | 762.7 | 762.3 | 761.9 |
| 162.5° | 774.6 | 774.0 | 773.2 | 772.5 | 773.2 | 774.0 | 774.6 | 775.3 | 775.3 | 774.5 | 773.8 |
| 165° | 790.8 | 790.2 | 789.6 | 789.1 | 789.6 | 790.2 | 790.8 | 791.3 | 791.2 | 790.4 | 789.5 |
| 167.5° | 803.6 | 802.7 | 801.8 | 801.0 | 801.8 | 802.7 | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 |
| 170° | 810.6 | 809.6 | 808.5 | 807.6 | 808.5 | 809.6 | 810.6 | 811.5 | 811.6 | 810.7 | 809.9 |
| 172.5° | 816.2 | 815.1 | 814.2 | 813.2 | 814.2 | 815.1 | 816.2 | 817.2 | 817.2 | 816.2 | 815.2 |
| 175° | 822.0 | 821.0 | 820.0 | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 |
| 177.5° | 824.8 | 823.9 | 823.0 | 822.1 | 823.0 | 823.9 | 824.8 | 825.7 | 825.8 | 825.0 | 824.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 6.4 | 6.4 | 6.1 | 5.7 | 5.8 | 5.6 | 5.5 | 5.1 | 5.3 | 5.5 | 5.6 |
| 90° | 14.8 | 14.0 | 12.9 | 11.7 | 10.6 | 9.5 | 8.2 | 6.6 | 5.1 | 3.5 | 1.9 |
| 92.5° | 25.8 | 25.3 | 24.5 | 23.6 | 22.8 | 22.1 | 20.8 | 19.0 | 17.2 | 15.4 | 13.6 |
| 95° | 48.8 | 48.4 | 47.5 | 46.5 | 45.5 | 44.5 | 43.4 | 42.1 | 40.8 | 39.5 | 38.2 |
| 97.5° | 77.1 | 76.6 | 75.4 | 74.3 | 73.1 | 72.0 | 70.8 | 69.9 | 68.8 | 67.8 | 66.8 |
| 100° | 97.8 | 97.5 | 96.2 | 95.0 | 93.7 | 92.5 | 91.5 | 90.9 | 90.3 | 89.8 | 89.3 |
| 102.5° | 119.4 | 119.0 | 117.8 | 116.6 | 115.4 | 114.3 | 113.6 | 113.4 | 113.2 | 112.9 | 112.7 |
| 105° | 152.1 | 151.7 | 151.2 | 150.6 | 150.0 | 149.4 | 149.1 | 149.0 | 148.8 | 148.6 | 148.5 |
| 107.5° | 187.7 | 187.3 | 187.2 | 187.1 | 187.0 | 186.9 | 186.8 | 186.6 | 186.5 | 186.3 | 186.1 |
| 110° | 212.0 | 212.2 | 212.4 | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.1 | 211.9 | 211.7 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.2 | 237.3 | 237.5 | 237.7 | 238.0 | 238.2 | 238.4 | 238.3 | 238.2 | 238.1 | 238.1 |
| 115° | 276.5 | 276.6 | 276.9 | 277.2 | 277.4 | 277.8 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 |
| 117.5° | 314.5 | 315.0 | 315.2 | 315.4 | 315.6 | 315.8 | 315.8 | 315.7 | 315.6 | 315.5 | 315.4 |
| 120° | 340.3 | 341.0 | 341.4 | 341.9 | 342.3 | 342.7 | 342.7 | 342.1 | 341.5 | 341.0 | 340.4 |
| 122.5° | 366.0 | 366.5 | 366.7 | 366.9 | 367.1 | 367.3 | 367.3 | 367.0 | 366.8 | 366.6 | 366.4 |
| 125° | 403.8 | 404.1 | 404.2 | 404.4 | 404.6 | 404.6 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 |
| 127.5° | 440.2 | 440.4 | 440.7 | 440.9 | 441.1 | 441.3 | 441.2 | 440.8 | 440.4 | 439.9 | 439.5 |
| 130° | 465.6 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.7 | 465.3 | 464.9 | 464.5 | 464.0 |
| 132.5° | 489.6 | 489.9 | 490.0 | 490.2 | 490.2 | 490.3 | 490.2 | 489.9 | 489.7 | 489.3 | 489.0 |
| 135° | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 524.6 | 523.7 | 522.9 | 522.0 |
| 137.5° | 560.4 | 560.8 | 560.5 | 560.4 | 560.1 | 559.9 | 559.5 | 559.1 | 558.7 | 558.4 | 558.0 |
| 140° | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.8 | 582.5 | 582.2 | 582.0 |
| 142.5° | 604.6 | 604.6 | 604.7 | 604.9 | 605.0 | 605.1 | 605.0 | 604.7 | 604.5 | 604.1 | 603.9 |
| 145° | 637.2 | 637.4 | 637.2 | 637.1 | 637.0 | 636.8 | 636.5 | 635.9 | 635.4 | 634.8 | 634.2 |
| 147.5° | 666.8 | 666.8 | 666.9 | 667.1 | 667.2 | 667.3 | 667.0 | 666.3 | 665.6 | 665.0 | 664.3 |
| 150° | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 684.9 | 684.4 | 683.8 | 683.2 | 682.7 |
| 152.5° | 702.4 | 702.1 | 701.9 | 701.8 | 701.6 | 701.6 | 701.3 | 701.0 | 700.7 | 700.3 | 700.0 |
| 155° | 726.5 | 726.0 | 726.1 | 726.3 | 726.4 | 726.5 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 |
| 157.5° | 748.2 | 747.8 | 747.8 | 747.9 | 747.9 | 747.9 | 748.0 | 748.3 | 748.5 | 748.8 | 749.1 |
| 160° | 761.5 | 761.1 | 761.2 | 761.3 | 761.5 | 761.6 | 761.7 | 761.9 | 762.1 | 762.1 | 762.3 |
| 162.5° | 773.1 | 772.3 | 772.4 | 772.6 | 772.7 | 772.8 | 773.1 | 773.5 | 773.8 | 774.2 | 774.5 |
| 165° | 788.6 | 787.8 | 788.1 | 788.4 | 788.6 | 789.0 | 789.3 | 789.7 | 790.2 | 790.6 | 791.0 |
| 167.5° | 801.9 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.3 | 801.8 | 802.4 | 803.0 | 803.6 |
| 170° | 809.0 | 808.2 | 808.0 | 808.0 | 807.8 | 807.6 | 808.0 | 808.6 | 809.3 | 810.1 | 810.7 |
| 172.5° | 814.2 | 813.3 | 813.3 | 813.3 | 813.3 | 813.2 | 813.5 | 814.1 | 814.6 | 815.3 | 815.9 |
| 175° | 820.0 | 819.0 | 819.2 | 819.3 | 819.5 | 819.6 | 820.0 | 820.8 | 821.4 | 822.1 | 822.9 |
| 177.5° | 823.4 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 822.9 | 823.5 | 824.0 | 824.6 | 825.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 5.8 | 5.6 | 5.3 | 5.5 | 5.8 | 5.7 | 6.0 | 6.3 | 6.5 | 6.5 | 7.0 |
| 90° | 3.5 | 5.1 | 6.6 | 8.2 | 9.5 | 10.6 | 11.7 | 12.9 | 14.0 | 14.8 | 15.7 |
| 92.5° | 15.4 | 17.2 | 19.0 | 20.8 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 25.8 | 26.3 |
| 95° | 39.5 | 40.8 | 42.1 | 43.4 | 44.5 | 45.5 | 46.5 | 47.5 | 48.4 | 48.8 | 49.3 |
| 97.5° | 67.8 | 68.8 | 69.9 | 70.8 | 72.0 | 73.1 | 74.3 | 75.4 | 76.6 | 77.1 | 77.6 |
| 100° | 89.8 | 90.3 | 90.9 | 91.5 | 92.5 | 93.7 | 95.0 | 96.2 | 97.5 | 97.8 | 98.1 |
| 102.5° | 112.9 | 113.2 | 113.4 | 113.6 | 114.3 | 115.4 | 116.6 | 117.8 | 119.0 | 119.4 | 119.8 |
| 105° | 148.6 | 148.8 | 149.0 | 149.1 | 149.4 | 150.0 | 150.6 | 151.2 | 151.7 | 152.1 | 152.5 |
| 107.5° | 186.3 | 186.5 | 186.6 | 186.8 | 186.9 | 187.0 | 187.1 | 187.2 | 187.3 | 187.7 | 188.1 |
| 110° | 211.9 | 212.1 | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.4 | 212.2 | 212.0 | 211.7 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 238.1 | 238.2 | 238.3 | 238.4 | 238.2 | 238.0 | 237.7 | 237.5 | 237.3 | 237.2 | 237.1 |
| 115° | 277.9 | 277.9 | 277.9 | 277.9 | 277.8 | 277.4 | 277.2 | 276.9 | 276.6 | 276.5 | 276.3 |
| 117.5° | 315.5 | 315.6 | 315.7 | 315.8 | 315.8 | 315.6 | 315.4 | 315.2 | 315.0 | 314.5 | 314.1 |
| 120° | 341.0 | 341.5 | 342.1 | 342.7 | 342.7 | 342.3 | 341.9 | 341.4 | 341.0 | 340.3 | 339.6 |
| 122.5° | 366.6 | 366.8 | 367.0 | 367.3 | 367.3 | 367.1 | 366.9 | 366.7 | 366.5 | 366.0 | 365.5 |
| 125° | 404.7 | 404.7 | 404.7 | 404.7 | 404.6 | 404.6 | 404.4 | 404.2 | 404.1 | 403.8 | 403.6 |
| 127.5° | 439.9 | 440.4 | 440.8 | 441.2 | 441.3 | 441.1 | 440.9 | 440.7 | 440.4 | 440.2 | 439.9 |
| 130° | 464.5 | 464.9 | 465.3 | 465.7 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.6 | 465.4 |
| 132.5° | 489.3 | 489.7 | 489.9 | 490.2 | 490.3 | 490.2 | 490.2 | 490.0 | 489.9 | 489.6 | 489.3 |
| 135° | 522.9 | 523.7 | 524.6 | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 525.3 |
| 137.5° | 558.4 | 558.7 | 559.1 | 559.5 | 559.9 | 560.1 | 560.4 | 560.5 | 560.8 | 560.4 | 560.0 |
| 140° | 582.2 | 582.5 | 582.8 | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.9 |
| 142.5° | 604.1 | 604.5 | 604.7 | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.6 | 604.6 | 604.5 |
| 145° | 634.8 | 635.4 | 635.9 | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 | 637.1 |
| 147.5° | 665.0 | 665.6 | 666.3 | 667.0 | 667.3 | 667.2 | 667.1 | 666.9 | 666.8 | 666.8 | 666.6 |
| 150° | 683.2 | 683.8 | 684.4 | 684.9 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 |
| 152.5° | 700.3 | 700.7 | 701.0 | 701.3 | 701.6 | 701.6 | 701.8 | 701.9 | 702.1 | 702.4 | 702.7 |
| 155° | 726.6 | 726.6 | 726.6 | 726.6 | 726.5 | 726.4 | 726.3 | 726.1 | 726.0 | 726.5 | 727.1 |
| 157.5° | 748.8 | 748.5 | 748.3 | 748.0 | 747.9 | 747.9 | 747.9 | 747.8 | 747.8 | 748.2 | 748.6 |
| 160° | 762.1 | 762.1 | 761.9 | 761.7 | 761.6 | 761.5 | 761.3 | 761.2 | 761.1 | 761.5 | 761.9 |
| 162.5° | 774.2 | 773.8 | 773.5 | 773.1 | 772.8 | 772.7 | 772.6 | 772.4 | 772.3 | 773.1 | 773.8 |
| 165° | 790.6 | 790.2 | 789.7 | 789.3 | 789.0 | 788.6 | 788.4 | 788.1 | 787.8 | 788.6 | 789.5 |
| 167.5° | 803.0 | 802.4 | 801.8 | 801.3 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.9 | 802.7 |
| 170° | 810.1 | 809.3 | 808.6 | 808.0 | 807.6 | 807.8 | 808.0 | 808.0 | 808.2 | 809.0 | 809.9 |
| 172.5° | 815.3 | 814.6 | 814.1 | 813.5 | 813.2 | 813.3 | 813.3 | 813.3 | 813.3 | 814.2 | 815.2 |
| 175° | 822.1 | 821.4 | 820.8 | 820.0 | 819.6 | 819.5 | 819.3 | 819.2 | 819.0 | 820.0 | 821.0 |
| 177.5° | 824.6 | 824.0 | 823.5 | 822.9 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 823.4 | 824.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

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° | 6.8 | 6.8 | 7.2 | 7.0 | 7.1 | 7.0 | 7.3 |
| 90° | 16.6 | 17.4 | 18.0 | 18.3 | 18.6 | 18.8 | 19.2 |
| 92.5° | 26.7 | 27.3 | 27.6 | 27.8 | 28.0 | 28.1 | 28.3 |
| 95° | 49.7 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 97.5° | 78.1 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 100° | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 102.5° | 120.1 | 120.5 | 120.7 | 120.9 | 121.0 | 121.2 | 121.2 |
| 105° | 153.0 | 153.4 | 153.8 | 154.3 | 154.7 | 155.1 | 155.6 |
| 107.5° | 188.4 | 188.8 | 189.1 | 189.0 | 189.0 | 189.0 | 188.9 |
| 110° | 211.4 | 211.1 | 211.2 | 211.7 | 212.1 | 212.5 | 212.9 |



TEST NUMBER: P332878-930

CATALOG NUMBER: S124RDIP-S350D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.1 | 237.0 | 237.0 | 237.1 | 237.2 | 237.3 | 237.3 |
| 115° | 276.2 | 276.1 | 275.9 | 275.8 | 275.7 | 275.5 | 275.3 |
| 117.5° | 313.6 | 313.1 | 312.7 | 312.4 | 312.1 | 311.9 | 311.5 |
| 120° | 338.8 | 338.2 | 337.9 | 338.3 | 338.5 | 338.8 | 339.1 |
| 122.5° | 365.1 | 364.6 | 364.1 | 363.5 | 363.1 | 362.6 | 362.1 |
| 125° | 403.2 | 403.0 | 402.7 | 402.4 | 402.1 | 401.9 | 401.5 |
| 127.5° | 439.6 | 439.3 | 439.0 | 438.8 | 438.6 | 438.4 | 438.1 |
| 130° | 465.0 | 464.8 | 464.4 | 463.8 | 463.3 | 462.7 | 462.1 |
| 132.5° | 489.0 | 488.8 | 488.5 | 488.3 | 488.0 | 487.8 | 487.6 |
| 135° | 525.0 | 524.7 | 524.3 | 523.9 | 523.5 | 523.1 | 522.7 |
| 137.5° | 559.7 | 559.3 | 559.1 | 559.2 | 559.3 | 559.4 | 559.5 |
| 140° | 582.8 | 582.6 | 582.5 | 582.4 | 582.2 | 582.0 | 582.0 |
| 142.5° | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.4 | 604.4 |
| 145° | 637.0 | 636.8 | 636.5 | 636.1 | 635.7 | 635.3 | 634.9 |
| 147.5° | 666.5 | 666.3 | 666.3 | 666.1 | 665.9 | 665.9 | 665.7 |
| 150° | 685.2 | 685.2 | 685.1 | 685.0 | 684.9 | 684.7 | 684.5 |
| 152.5° | 703.0 | 703.4 | 703.4 | 703.0 | 702.6 | 702.3 | 701.9 |
| 155° | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 | 726.5 | 726.0 |
| 157.5° | 749.1 | 749.5 | 749.4 | 749.0 | 748.5 | 748.0 | 747.5 |
| 160° | 762.3 | 762.7 | 762.6 | 761.9 | 761.2 | 760.5 | 759.8 |
| 162.5° | 774.5 | 775.3 | 775.3 | 774.6 | 774.0 | 773.2 | 772.5 |
| 165° | 790.4 | 791.2 | 791.3 | 790.8 | 790.2 | 789.6 | 789.1 |
| 167.5° | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 | 801.8 | 801.0 |
| 170° | 810.7 | 811.6 | 811.5 | 810.6 | 809.6 | 808.5 | 807.6 |
| 172.5° | 816.2 | 817.2 | 817.2 | 816.2 | 815.1 | 814.2 | 813.2 |
| 175° | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 | 820.0 | 819.0 |
| 177.5° | 825.0 | 825.8 | 825.7 | 824.8 | 823.9 | 823.0 | 822.1 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |

(END OF REPORT)