

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: P332872-940

Luminaire Tested: **S124RDIP-S350D590U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332872-940
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-S350D590U940-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3150.5 lumens
Efficiency: N/A
Efficacy: 123.1 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: General Diffuse

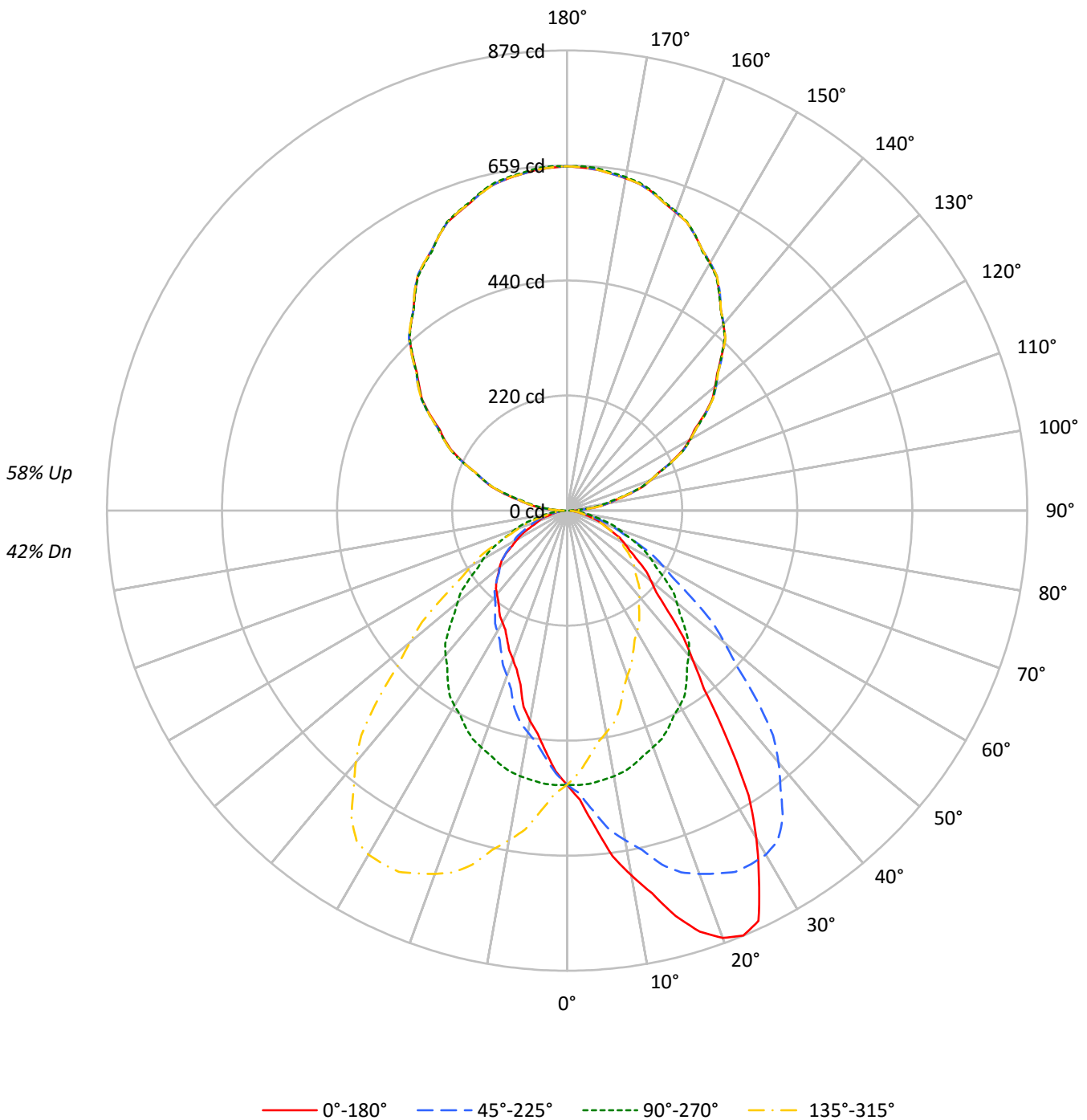
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-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 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 42 |
| 1 | 96 | 92 | 89 | 85 | 88 | 84 | 81 | 78 | 70 | 68 | 66 | 56 | 55 | 53 | 44 | 43 | 42 | 36 |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 65 | 62 | 58 | 55 | 50 | 47 | 45 | 39 | 37 | 36 | 31 |
| 3 | 81 | 71 | 64 | 59 | 73 | 66 | 60 | 55 | 55 | 50 | 46 | 44 | 41 | 39 | 35 | 33 | 31 | 27 |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 52 | 47 | 49 | 44 | 40 | 40 | 36 | 33 | 31 | 29 | 27 | 23 |
| 5 | 68 | 57 | 49 | 43 | 62 | 52 | 45 | 40 | 44 | 38 | 35 | 36 | 32 | 29 | 28 | 26 | 24 | 20 |
| 6 | 63 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 29 | 26 | 26 | 23 | 21 | 18 |
| 7 | 58 | 46 | 38 | 33 | 53 | 42 | 36 | 31 | 36 | 31 | 27 | 29 | 26 | 23 | 24 | 21 | 19 | 16 |
| 8 | 54 | 42 | 34 | 29 | 49 | 39 | 32 | 27 | 33 | 27 | 24 | 27 | 23 | 20 | 22 | 19 | 17 | 14 |
| 9 | 50 | 38 | 31 | 26 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 |
| 10 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 22 | 28 | 23 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 4229 | 4229 | 4229 | 4229 |
| 5° | 4905 | 4241 | 3749 | 4241 |
| 10° | 5802 | 4223 | 3345 | 4223 |
| 15° | 6702 | 4184 | 2875 | 4184 |
| 20° | 7462 | 4130 | 2600 | 4130 |
| 25° | 7704 | 4077 | 2414 | 4077 |
| 30° | 6743 | 4013 | 2302 | 4013 |
| 35° | 5249 | 3918 | 2234 | 3918 |
| 40° | 3936 | 3810 | 2197 | 3810 |
| 45° | 3108 | 3635 | 2177 | 3635 |
| 50° | 2624 | 3435 | 2115 | 3435 |
| 55° | 2287 | 3215 | 2001 | 3215 |
| 60° | 2057 | 2985 | 1773 | 2985 |
| 65° | 1815 | 2737 | 1524 | 2737 |
| 70° | 1633 | 2481 | 1374 | 2481 |
| 75° | 1369 | 2196 | 1170 | 2196 |
| 80° | 1158 | 1874 | 1097 | 1874 |
| 85° | 973 | 1473 | 973 | 1473 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.8 | 1.6 |
| 10°-20° | 153.1 | 4.9 |
| 20°-30° | 239.4 | 7.6 |
| 30°-40° | 266.2 | 8.4 |
| 40°-50° | 236.2 | 7.5 |
| 50°-60° | 184.0 | 5.8 |
| 60°-70° | 120.5 | 3.8 |
| 70°-80° | 59.3 | 1.9 |
| 80°-90° | 16.6 | 0.5 |
| 90°-100° | 43.4 | 1.4 |
| 100°-110° | 128.5 | 4.1 |
| 110°-120° | 218.1 | 6.9 |
| 120°-130° | 287.6 | 9.1 |
| 130°-140° | 322.9 | 10.3 |
| 140°-150° | 317.3 | 10.1 |
| 150°-160° | 266.9 | 8.5 |
| 160°-170° | 177.6 | 5.6 |
| 170°-180° | 62.2 | 2.0 |
| 0°-30° | 443.3 | 14.1 |
| 0°-40° | 709.5 | 22.5 |
| 0°-60° | 1129.7 | 35.9 |
| 0°-90° | 1326.0 | 42.1 |
| 90°-120° | 389.9 | 12.4 |
| 90°-150° | 1317.8 | 41.8 |
| 90°-180° | 1824.0 | 57.9 |
| 0°-180° | 3150.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 524 | 524 | 524 | 524 | 524 | |
| 5° | 605 | 523 | 463 | 523 | 605 | 61 |
| 15° | 802 | 501 | 344 | 501 | 802 | 228 |
| 25° | 865 | 458 | 271 | 458 | 865 | 384 |
| 35° | 533 | 398 | 227 | 398 | 533 | 334 |
| 45° | 272 | 318 | 191 | 318 | 272 | 216 |
| 55° | 162 | 228 | 142 | 228 | 162 | 148 |
| 65° | 95 | 143 | 80 | 143 | 95 | 96 |
| 75° | 44 | 70 | 38 | 70 | 44 | 48 |
| 85° | 10 | 16 | 10 | 16 | 10 | 12 |
| 90° | 15 | 2 | 15 | 2 | 15 | 8 |
| 95° | 40 | 30 | 40 | 30 | 40 | 42 |
| 105° | 124 | 118 | 124 | 118 | 124 | 131 |
| 115° | 220 | 222 | 220 | 222 | 220 | 217 |
| 125° | 320 | 323 | 320 | 323 | 320 | 286 |
| 135° | 417 | 416 | 417 | 416 | 417 | 322 |
| 145° | 507 | 506 | 507 | 506 | 507 | 317 |
| 155° | 579 | 580 | 579 | 580 | 579 | 267 |
| 165° | 630 | 631 | 630 | 631 | 630 | 177 |
| 175° | 654 | 657 | 654 | 657 | 654 | 62 |
| 180° | 658 | 658 | 658 | 658 | 658 | |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 552.5 | 554.0 | 552.5 | 552.3 | 550.6 | 550.1 | 549.5 | 547.2 | 543.2 | 540.8 | 541.4 |
| 5° | 605.3 | 610.6 | 607.6 | 607.2 | 602.5 | 597.9 | 594.9 | 588.2 | 580.9 | 576.1 | 572.1 |
| 7.5° | 666.3 | 669.3 | 667.4 | 664.5 | 657.0 | 652.7 | 645.9 | 637.0 | 624.1 | 614.3 | 605.3 |
| 10° | 707.8 | 710.3 | 709.5 | 704.0 | 698.6 | 687.3 | 681.0 | 668.6 | 652.3 | 639.4 | 627.4 |
| 12.5° | 748.7 | 751.4 | 744.0 | 744.2 | 733.8 | 725.0 | 715.0 | 699.3 | 680.6 | 664.0 | 648.9 |
| 15° | 801.9 | 798.5 | 798.5 | 794.3 | 782.7 | 770.5 | 760.2 | 743.7 | 720.1 | 700.3 | 679.3 |
| 17.5° | 843.6 | 844.8 | 843.1 | 833.1 | 824.0 | 811.4 | 792.4 | 773.2 | 751.3 | 724.6 | 703.3 |
| 20° | 868.6 | 868.6 | 866.7 | 860.0 | 848.2 | 834.6 | 814.2 | 793.3 | 765.4 | 738.6 | 714.6 |
| 22.5° | 878.8 | 879.4 | 877.2 | 871.6 | 861.0 | 847.8 | 830.4 | 809.1 | 780.4 | 750.3 | 720.5 |
| 25° | 864.9 | 868.9 | 869.2 | 867.8 | 864.6 | 856.6 | 841.6 | 819.9 | 794.2 | 761.4 | 729.3 |
| 27.5° | 794.0 | 799.1 | 803.5 | 810.8 | 820.6 | 825.5 | 826.3 | 815.2 | 792.7 | 761.3 | 729.0 |
| 30° | 723.4 | 727.6 | 741.4 | 759.3 | 773.2 | 785.9 | 796.9 | 799.9 | 787.2 | 758.9 | 725.0 |
| 32.5° | 645.1 | 650.9 | 664.6 | 683.9 | 707.0 | 728.5 | 753.1 | 765.7 | 765.4 | 748.4 | 717.0 |
| 35° | 532.6 | 536.9 | 549.6 | 569.8 | 597.6 | 629.5 | 668.6 | 698.9 | 719.6 | 718.2 | 698.9 |
| 37.5° | 429.6 | 434.4 | 447.1 | 464.0 | 491.0 | 530.4 | 568.2 | 610.1 | 648.3 | 669.8 | 663.3 |
| 40° | 373.5 | 373.7 | 386.2 | 403.5 | 428.8 | 463.2 | 504.4 | 550.8 | 593.4 | 628.3 | 635.0 |
| 42.5° | 329.3 | 329.3 | 337.6 | 356.2 | 374.4 | 406.8 | 446.1 | 492.2 | 542.2 | 582.4 | 600.2 |
| 45° | 272.2 | 274.1 | 280.9 | 292.0 | 306.4 | 333.9 | 365.3 | 408.1 | 464.0 | 511.8 | 541.5 |
| 47.5° | 230.5 | 233.4 | 237.6 | 246.7 | 258.2 | 276.4 | 302.5 | 341.0 | 386.5 | 438.9 | 481.3 |
| 50° | 208.9 | 209.4 | 214.8 | 219.9 | 229.8 | 244.4 | 267.2 | 299.3 | 341.1 | 391.5 | 438.5 |
| 52.5° | 190.4 | 190.3 | 193.6 | 200.0 | 208.0 | 219.4 | 237.8 | 267.0 | 304.1 | 349.3 | 397.9 |
| 55° | 162.5 | 163.5 | 166.1 | 171.1 | 177.3 | 185.3 | 199.8 | 221.8 | 250.9 | 289.5 | 333.7 |
| 57.5° | 141.3 | 141.9 | 143.8 | 146.0 | 151.6 | 157.5 | 168.4 | 183.6 | 208.1 | 239.8 | 280.9 |
| 60° | 127.4 | 127.7 | 128.3 | 131.4 | 135.9 | 141.4 | 148.8 | 161.7 | 182.4 | 211.2 | 243.8 |
| 62.5° | 114.0 | 114.3 | 115.3 | 117.6 | 121.1 | 124.8 | 132.6 | 142.9 | 160.1 | 184.8 | 214.0 |
| 65° | 95.0 | 95.1 | 96.7 | 97.5 | 100.2 | 103.6 | 109.3 | 116.3 | 128.1 | 148.8 | 170.9 |
| 67.5° | 79.4 | 79.4 | 79.5 | 80.6 | 82.5 | 84.7 | 88.1 | 93.7 | 102.6 | 115.3 | 134.8 |
| 70° | 69.2 | 69.2 | 69.6 | 70.3 | 71.3 | 73.2 | 75.2 | 79.4 | 85.9 | 96.2 | 111.2 |
| 72.5° | 59.7 | 59.9 | 60.4 | 60.5 | 61.0 | 62.6 | 64.0 | 66.7 | 71.5 | 79.4 | 91.5 |
| 75° | 43.9 | 44.5 | 45.6 | 46.5 | 47.5 | 47.3 | 48.8 | 50.5 | 51.9 | 56.5 | 63.5 |
| 77.5° | 32.6 | 32.4 | 32.5 | 33.2 | 33.3 | 33.5 | 34.6 | 35.8 | 37.0 | 39.1 | 41.6 |
| 80° | 24.9 | 24.9 | 25.5 | 25.8 | 25.5 | 25.8 | 26.8 | 27.5 | 27.8 | 28.7 | 31.0 |
| 82.5° | 18.8 | 19.2 | 19.0 | 19.2 | 19.3 | 19.5 | 20.4 | 20.5 | 21.0 | 21.3 | 22.2 |
| 85° | 10.5 | 10.8 | 11.0 | 10.5 | 10.5 | 10.5 | 11.0 | 11.1 | 11.6 | 11.4 | 11.9 |
| 87.5° | 6.8 | 6.5 | 6.7 | 6.6 | 6.8 | 6.5 | 6.5 | 6.7 | 6.2 | 6.3 | 6.2 |
| 90° | 15.2 | 15.1 | 14.8 | 14.6 | 14.4 | 13.9 | 13.2 | 12.6 | 11.9 | 11.1 | 10.3 |
| 92.5° | 22.6 | 22.5 | 22.3 | 22.2 | 22.0 | 21.8 | 21.4 | 21.0 | 20.5 | 20.2 | 19.5 |
| 95° | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.0 | 39.7 | 39.3 | 39.0 | 38.6 | 37.9 |
| 97.5° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 62.8 | 62.3 | 62.0 | 61.5 | 61.2 | 60.2 |
| 100° | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.7 | 78.5 | 78.3 | 78.0 | 77.8 | 76.8 |
| 102.5° | 96.8 | 96.7 | 96.6 | 96.5 | 96.4 | 96.1 | 95.9 | 95.5 | 95.2 | 94.9 | 94.0 |
| 105° | 124.1 | 123.8 | 123.4 | 123.1 | 122.7 | 122.4 | 122.1 | 121.7 | 121.4 | 121.0 | 120.6 |
| 107.5° | 150.8 | 150.8 | 150.8 | 150.8 | 150.9 | 150.7 | 150.3 | 150.1 | 149.7 | 149.5 | 149.4 |
| 110° | 169.9 | 169.5 | 169.2 | 168.9 | 168.5 | 168.4 | 168.7 | 168.9 | 169.2 | 169.3 | 169.5 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.4 | 189.3 | 189.2 | 189.2 | 189.1 | 189.1 | 189.1 | 189.2 | 189.2 | 189.3 | 189.5 |
| 115° | 219.7 | 219.8 | 219.9 | 220.1 | 220.2 | 220.3 | 220.4 | 220.5 | 220.6 | 220.7 | 221.0 |
| 117.5° | 248.6 | 248.8 | 249.1 | 249.2 | 249.5 | 249.8 | 250.2 | 250.6 | 250.9 | 251.4 | 251.5 |
| 120° | 270.5 | 270.4 | 270.1 | 269.9 | 269.7 | 269.8 | 270.4 | 271.0 | 271.5 | 272.1 | 272.4 |
| 122.5° | 288.9 | 289.3 | 289.7 | 290.1 | 290.5 | 290.9 | 291.3 | 291.7 | 292.0 | 292.5 | 292.6 |
| 125° | 320.4 | 320.7 | 320.8 | 321.1 | 321.3 | 321.6 | 321.7 | 322.0 | 322.2 | 322.4 | 322.5 |
| 127.5° | 349.6 | 349.8 | 350.0 | 350.2 | 350.4 | 350.5 | 350.8 | 351.0 | 351.2 | 351.4 | 351.6 |
| 130° | 368.7 | 369.2 | 369.6 | 370.1 | 370.5 | 370.9 | 371.1 | 371.3 | 371.6 | 371.8 | 371.8 |
| 132.5° | 389.1 | 389.2 | 389.4 | 389.6 | 389.8 | 390.0 | 390.2 | 390.5 | 390.7 | 390.9 | 391.0 |
| 135° | 417.1 | 417.4 | 417.7 | 418.0 | 418.4 | 418.7 | 418.9 | 419.1 | 419.4 | 419.5 | 419.5 |
| 137.5° | 446.5 | 446.4 | 446.3 | 446.2 | 446.1 | 446.3 | 446.6 | 446.8 | 447.2 | 447.5 | 447.3 |
| 140° | 464.3 | 464.5 | 464.6 | 464.7 | 464.8 | 464.9 | 465.0 | 465.1 | 465.2 | 465.4 | 465.4 |
| 142.5° | 482.2 | 482.2 | 482.3 | 482.3 | 482.3 | 482.3 | 482.4 | 482.4 | 482.4 | 482.4 | 482.5 |
| 145° | 506.6 | 506.8 | 507.2 | 507.6 | 507.9 | 508.1 | 508.3 | 508.4 | 508.5 | 508.5 | 508.5 |
| 147.5° | 531.2 | 531.3 | 531.4 | 531.5 | 531.6 | 531.7 | 531.8 | 531.9 | 532.0 | 532.1 | 532.2 |
| 150° | 546.3 | 546.4 | 546.4 | 546.5 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 |
| 152.5° | 560.1 | 560.4 | 560.6 | 561.0 | 561.2 | 561.2 | 561.0 | 560.7 | 560.4 | 560.2 | 560.1 |
| 155° | 579.3 | 579.7 | 580.1 | 580.6 | 581.1 | 581.1 | 580.6 | 580.1 | 579.7 | 579.3 | 579.4 |
| 157.5° | 596.5 | 596.8 | 597.3 | 597.6 | 598.0 | 598.1 | 597.7 | 597.4 | 597.0 | 596.6 | 596.7 |
| 160° | 606.3 | 606.8 | 607.3 | 608.0 | 608.5 | 608.6 | 608.2 | 608.0 | 607.6 | 607.3 | 607.3 |
| 162.5° | 616.4 | 617.0 | 617.5 | 618.1 | 618.7 | 618.7 | 618.0 | 617.4 | 616.8 | 616.2 | 616.4 |
| 165° | 629.6 | 630.1 | 630.5 | 631.0 | 631.4 | 631.3 | 630.6 | 630.0 | 629.3 | 628.7 | 628.8 |
| 167.5° | 639.1 | 639.8 | 640.5 | 641.2 | 641.9 | 641.9 | 641.2 | 640.5 | 639.9 | 639.2 | 639.2 |
| 170° | 644.4 | 645.2 | 646.0 | 646.8 | 647.6 | 647.6 | 646.9 | 646.2 | 645.6 | 644.9 | 644.8 |
| 172.5° | 648.9 | 649.6 | 650.4 | 651.2 | 652.0 | 652.0 | 651.3 | 650.5 | 649.7 | 649.0 | 648.9 |
| 175° | 653.5 | 654.3 | 655.1 | 655.9 | 656.7 | 656.7 | 655.9 | 655.1 | 654.3 | 653.5 | 653.6 |
| 177.5° | 655.9 | 656.7 | 657.5 | 658.2 | 658.9 | 658.9 | 658.3 | 657.6 | 657.0 | 656.4 | 656.4 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 539.7 | 537.3 | 536.1 | 533.4 | 530.2 | 528.5 | 527.0 | 524.8 | 521.9 | 518.9 | 516.7 |
| 5° | 567.0 | 562.0 | 555.6 | 548.0 | 541.4 | 534.8 | 529.1 | 523.3 | 516.8 | 510.1 | 503.4 |
| 7.5° | 595.1 | 585.2 | 574.4 | 562.0 | 549.9 | 538.9 | 528.7 | 519.1 | 508.1 | 498.2 | 489.3 |
| 10° | 614.7 | 601.3 | 586.3 | 570.4 | 554.6 | 540.9 | 527.4 | 515.1 | 501.7 | 489.6 | 479.5 |
| 12.5° | 630.6 | 614.7 | 596.7 | 577.0 | 557.9 | 541.4 | 525.8 | 509.9 | 494.5 | 481.5 | 468.0 |
| 15° | 656.9 | 635.3 | 611.0 | 587.3 | 562.7 | 540.0 | 519.2 | 500.6 | 483.0 | 464.7 | 451.8 |
| 17.5° | 675.1 | 649.3 | 619.7 | 591.4 | 562.2 | 535.6 | 511.5 | 489.4 | 469.1 | 450.4 | 435.1 |
| 20° | 685.9 | 657.4 | 624.6 | 592.4 | 559.6 | 531.2 | 505.2 | 480.7 | 459.9 | 439.6 | 423.7 |
| 22.5° | 692.0 | 660.4 | 624.6 | 590.8 | 557.0 | 526.1 | 497.7 | 472.2 | 449.4 | 429.1 | 411.6 |
| 25° | 693.9 | 660.1 | 623.7 | 584.8 | 547.7 | 515.0 | 485.4 | 457.7 | 432.4 | 412.1 | 393.6 |
| 27.5° | 691.2 | 651.4 | 614.0 | 574.2 | 535.8 | 501.4 | 470.4 | 441.3 | 416.0 | 394.2 | 375.1 |
| 30° | 687.2 | 644.5 | 604.4 | 563.0 | 524.2 | 491.1 | 458.3 | 430.5 | 404.1 | 381.6 | 362.4 |
| 32.5° | 678.3 | 636.1 | 592.9 | 550.5 | 511.2 | 477.1 | 446.0 | 418.0 | 392.2 | 369.1 | 348.7 |
| 35° | 660.9 | 618.1 | 571.3 | 527.8 | 489.2 | 453.7 | 424.6 | 397.6 | 372.9 | 348.2 | 326.7 |
| 37.5° | 638.0 | 594.3 | 547.7 | 500.1 | 461.4 | 427.9 | 401.3 | 375.9 | 351.8 | 329.2 | 305.4 |
| 40° | 616.4 | 576.6 | 528.4 | 481.2 | 441.5 | 409.2 | 384.5 | 361.5 | 337.2 | 314.9 | 291.1 |
| 42.5° | 590.3 | 556.3 | 507.7 | 460.2 | 421.1 | 389.9 | 366.9 | 344.5 | 322.4 | 300.7 | 275.8 |
| 45° | 546.6 | 520.8 | 475.3 | 429.7 | 390.2 | 359.4 | 338.3 | 318.4 | 299.1 | 278.4 | 254.9 |
| 47.5° | 496.5 | 479.1 | 439.8 | 393.1 | 356.6 | 328.9 | 308.4 | 292.2 | 275.8 | 255.1 | 234.6 |
| 50° | 461.7 | 450.6 | 412.6 | 370.0 | 335.1 | 309.6 | 288.7 | 273.5 | 259.8 | 240.0 | 221.6 |
| 52.5° | 424.6 | 418.7 | 386.6 | 345.8 | 312.2 | 287.1 | 269.3 | 255.7 | 241.7 | 225.2 | 208.1 |
| 55° | 368.0 | 371.2 | 344.0 | 308.7 | 277.1 | 256.0 | 239.8 | 228.4 | 216.5 | 202.6 | 189.3 |
| 57.5° | 310.2 | 321.8 | 303.5 | 272.6 | 242.9 | 223.4 | 211.2 | 201.6 | 191.6 | 180.1 | 168.7 |
| 60° | 275.6 | 285.3 | 275.0 | 247.7 | 221.8 | 203.7 | 192.3 | 184.9 | 175.0 | 164.4 | 155.8 |
| 62.5° | 241.8 | 252.3 | 246.1 | 224.1 | 200.0 | 184.4 | 174.3 | 167.5 | 160.1 | 150.9 | 141.9 |
| 65° | 199.5 | 206.2 | 203.2 | 188.1 | 170.9 | 157.7 | 148.4 | 143.3 | 136.5 | 129.8 | 121.8 |
| 67.5° | 152.8 | 165.8 | 164.1 | 156.0 | 141.2 | 130.8 | 124.8 | 120.3 | 114.1 | 109.1 | 103.7 |
| 70° | 125.6 | 137.6 | 137.4 | 130.8 | 122.8 | 113.2 | 108.9 | 105.1 | 99.6 | 94.8 | 90.3 |
| 72.5° | 102.8 | 113.8 | 115.5 | 110.4 | 105.0 | 97.6 | 93.5 | 91.0 | 85.6 | 82.3 | 78.6 |
| 75° | 72.0 | 80.0 | 82.1 | 82.1 | 79.5 | 75.8 | 72.1 | 70.4 | 66.7 | 63.8 | 61.6 |
| 77.5° | 47.2 | 52.3 | 55.6 | 56.3 | 56.7 | 55.4 | 52.4 | 51.3 | 48.3 | 47.3 | 45.3 |
| 80° | 33.3 | 36.7 | 40.5 | 41.8 | 42.8 | 42.4 | 41.2 | 40.3 | 37.5 | 36.5 | 35.7 |
| 82.5° | 23.0 | 24.9 | 28.0 | 30.9 | 30.5 | 31.7 | 30.5 | 29.9 | 27.7 | 27.4 | 26.6 |
| 85° | 12.0 | 12.2 | 12.7 | 14.5 | 15.6 | 16.1 | 16.2 | 15.9 | 15.2 | 15.2 | 13.7 |
| 87.5° | 5.9 | 5.6 | 5.7 | 5.5 | 5.4 | 5.9 | 6.2 | 6.1 | 5.8 | 5.5 | 5.3 |
| 90° | 9.4 | 8.5 | 7.6 | 6.5 | 5.3 | 4.0 | 2.8 | 1.5 | 2.8 | 4.0 | 5.3 |
| 92.5° | 18.9 | 18.3 | 17.6 | 16.6 | 15.2 | 13.7 | 12.3 | 10.9 | 12.3 | 13.7 | 15.2 |
| 95° | 37.1 | 36.3 | 35.5 | 34.6 | 33.5 | 32.5 | 31.6 | 30.5 | 31.6 | 32.5 | 33.5 |
| 97.5° | 59.3 | 58.3 | 57.4 | 56.5 | 55.7 | 54.9 | 54.1 | 53.3 | 54.1 | 54.9 | 55.7 |
| 100° | 75.8 | 74.7 | 73.7 | 73.0 | 72.6 | 72.1 | 71.7 | 71.2 | 71.7 | 72.1 | 72.6 |
| 102.5° | 93.0 | 92.1 | 91.2 | 90.6 | 90.4 | 90.2 | 90.1 | 89.9 | 90.1 | 90.2 | 90.4 |
| 105° | 120.1 | 119.7 | 119.2 | 119.0 | 118.9 | 118.7 | 118.6 | 118.5 | 118.6 | 118.7 | 118.9 |
| 107.5° | 149.3 | 149.2 | 149.2 | 149.1 | 148.9 | 148.7 | 148.6 | 148.5 | 148.6 | 148.7 | 148.9 |
| 110° | 169.6 | 169.7 | 169.8 | 169.8 | 169.5 | 169.3 | 169.1 | 168.9 | 169.1 | 169.3 | 169.5 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.7 | 189.9 | 190.1 | 190.2 | 190.1 | 190.1 | 190.0 | 190.0 | 190.0 | 190.1 | 190.1 |
| 115° | 221.1 | 221.4 | 221.6 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 |
| 117.5° | 251.6 | 251.8 | 252.0 | 252.0 | 251.9 | 251.8 | 251.7 | 251.6 | 251.7 | 251.8 | 251.9 |
| 120° | 272.8 | 273.1 | 273.5 | 273.4 | 273.0 | 272.5 | 272.1 | 271.6 | 272.1 | 272.5 | 273.0 |
| 122.5° | 292.7 | 292.9 | 293.1 | 293.0 | 292.8 | 292.7 | 292.5 | 292.3 | 292.5 | 292.7 | 292.8 |
| 125° | 322.7 | 322.8 | 322.9 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 |
| 127.5° | 351.8 | 352.0 | 352.1 | 352.0 | 351.8 | 351.4 | 351.1 | 350.7 | 351.1 | 351.4 | 351.8 |
| 130° | 371.8 | 371.8 | 371.8 | 371.6 | 371.3 | 371.0 | 370.6 | 370.2 | 370.6 | 371.0 | 371.3 |
| 132.5° | 391.1 | 391.2 | 391.3 | 391.2 | 390.9 | 390.7 | 390.5 | 390.2 | 390.5 | 390.7 | 390.9 |
| 135° | 419.5 | 419.5 | 419.5 | 419.3 | 418.6 | 417.9 | 417.2 | 416.5 | 417.2 | 417.9 | 418.6 |
| 137.5° | 447.1 | 446.9 | 446.7 | 446.5 | 446.1 | 445.9 | 445.5 | 445.2 | 445.5 | 445.9 | 446.1 |
| 140° | 465.4 | 465.4 | 465.4 | 465.2 | 465.0 | 464.8 | 464.6 | 464.3 | 464.6 | 464.8 | 465.0 |
| 142.5° | 482.6 | 482.7 | 482.8 | 482.8 | 482.5 | 482.3 | 482.1 | 481.8 | 482.1 | 482.3 | 482.5 |
| 145° | 508.4 | 508.3 | 508.1 | 507.8 | 507.4 | 506.9 | 506.5 | 506.0 | 506.5 | 506.9 | 507.4 |
| 147.5° | 532.3 | 532.4 | 532.4 | 532.3 | 531.6 | 531.1 | 530.6 | 530.0 | 530.6 | 531.1 | 531.6 |
| 150° | 546.7 | 546.7 | 546.7 | 546.5 | 546.1 | 545.6 | 545.2 | 544.7 | 545.2 | 545.6 | 546.1 |
| 152.5° | 560.0 | 559.9 | 559.8 | 559.6 | 559.4 | 559.1 | 558.8 | 558.6 | 558.8 | 559.1 | 559.4 |
| 155° | 579.5 | 579.6 | 579.7 | 579.8 | 579.8 | 579.8 | 579.8 | 579.8 | 579.8 | 579.8 | 579.8 |
| 157.5° | 596.7 | 596.7 | 596.7 | 596.9 | 597.1 | 597.3 | 597.4 | 597.7 | 597.4 | 597.3 | 597.1 |
| 160° | 607.5 | 607.6 | 607.7 | 607.8 | 608.0 | 608.1 | 608.1 | 608.2 | 608.1 | 608.1 | 608.0 |
| 162.5° | 616.4 | 616.5 | 616.6 | 616.9 | 617.2 | 617.4 | 617.8 | 618.0 | 617.8 | 617.4 | 617.2 |
| 165° | 629.1 | 629.3 | 629.5 | 629.8 | 630.2 | 630.4 | 630.8 | 631.2 | 630.8 | 630.4 | 630.2 |
| 167.5° | 639.2 | 639.1 | 639.1 | 639.4 | 639.8 | 640.2 | 640.8 | 641.2 | 640.8 | 640.2 | 639.8 |
| 170° | 644.6 | 644.5 | 644.4 | 644.6 | 645.2 | 645.8 | 646.4 | 646.9 | 646.4 | 645.8 | 645.2 |
| 172.5° | 648.9 | 648.9 | 648.9 | 649.1 | 649.6 | 650.1 | 650.5 | 650.9 | 650.5 | 650.1 | 649.6 |
| 175° | 653.8 | 653.9 | 654.0 | 654.3 | 654.9 | 655.5 | 656.0 | 656.6 | 656.0 | 655.5 | 654.9 |
| 177.5° | 656.4 | 656.4 | 656.4 | 656.6 | 657.1 | 657.5 | 658.0 | 658.4 | 658.0 | 657.5 | 657.1 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 514.3 | 512.6 | 510.5 | 507.9 | 504.9 | 502.2 | 501.0 | 502.0 | 502.6 | 501.1 | 501.0 |
| 5° | 498.6 | 493.4 | 489.2 | 482.9 | 477.8 | 473.6 | 470.6 | 469.3 | 469.8 | 466.4 | 465.6 |
| 7.5° | 481.1 | 474.8 | 467.9 | 460.4 | 453.4 | 447.2 | 444.0 | 442.2 | 438.5 | 437.0 | 434.4 |
| 10° | 469.8 | 461.4 | 454.6 | 445.7 | 437.7 | 430.3 | 426.7 | 423.7 | 420.2 | 418.5 | 414.9 |
| 12.5° | 458.2 | 448.4 | 440.9 | 431.7 | 423.5 | 414.6 | 411.2 | 405.7 | 400.1 | 396.5 | 391.9 |
| 15° | 441.7 | 429.9 | 420.8 | 409.8 | 400.1 | 390.0 | 380.9 | 370.8 | 367.0 | 359.0 | 354.4 |
| 17.5° | 422.5 | 410.5 | 399.3 | 384.6 | 369.6 | 357.0 | 347.3 | 337.6 | 331.8 | 326.7 | 324.3 |
| 20° | 409.8 | 398.9 | 383.3 | 366.1 | 349.5 | 335.6 | 327.7 | 321.4 | 315.0 | 311.5 | 309.0 |
| 22.5° | 397.9 | 383.8 | 365.7 | 347.2 | 330.6 | 319.7 | 313.1 | 306.6 | 301.4 | 298.0 | 294.6 |
| 25° | 377.7 | 359.4 | 340.2 | 319.1 | 307.7 | 298.2 | 291.1 | 285.7 | 282.6 | 278.1 | 276.4 |
| 27.5° | 357.1 | 334.8 | 313.7 | 299.5 | 287.7 | 278.9 | 272.7 | 268.8 | 264.7 | 261.9 | 259.7 |
| 30° | 341.3 | 318.7 | 299.7 | 286.1 | 274.1 | 267.0 | 261.9 | 257.3 | 254.0 | 251.7 | 250.1 |
| 32.5° | 325.6 | 303.0 | 287.0 | 272.5 | 263.0 | 256.0 | 250.6 | 247.1 | 244.6 | 241.7 | 240.6 |
| 35° | 302.8 | 282.8 | 268.9 | 255.7 | 246.1 | 239.8 | 235.5 | 231.9 | 229.8 | 229.0 | 228.4 |
| 37.5° | 281.0 | 264.6 | 249.6 | 238.9 | 230.2 | 225.2 | 220.3 | 218.5 | 217.0 | 215.5 | 216.2 |
| 40° | 267.2 | 251.7 | 238.4 | 227.1 | 220.1 | 214.6 | 211.7 | 209.6 | 208.3 | 208.3 | 208.3 |
| 42.5° | 255.2 | 240.1 | 227.1 | 217.0 | 210.0 | 205.4 | 202.1 | 200.3 | 199.8 | 199.7 | 200.7 |
| 45° | 236.6 | 222.7 | 209.6 | 201.1 | 195.2 | 190.6 | 188.7 | 187.2 | 187.2 | 188.1 | 188.2 |
| 47.5° | 218.1 | 205.1 | 194.6 | 185.1 | 179.7 | 176.8 | 175.1 | 174.4 | 174.5 | 175.3 | 176.3 |
| 50° | 206.8 | 193.9 | 183.6 | 175.1 | 170.1 | 167.4 | 165.9 | 165.4 | 165.9 | 165.9 | 167.4 |
| 52.5° | 194.5 | 183.0 | 172.8 | 165.7 | 160.0 | 157.4 | 156.6 | 156.0 | 156.2 | 156.9 | 157.6 |
| 55° | 176.5 | 166.1 | 156.4 | 149.6 | 145.4 | 143.7 | 141.8 | 142.0 | 141.6 | 142.0 | 142.0 |
| 57.5° | 158.3 | 149.0 | 140.0 | 134.6 | 130.9 | 128.5 | 126.4 | 127.0 | 126.4 | 126.3 | 125.9 |
| 60° | 146.7 | 136.5 | 129.4 | 124.5 | 120.3 | 118.2 | 116.3 | 116.7 | 116.1 | 115.7 | 114.8 |
| 62.5° | 134.0 | 125.6 | 118.7 | 114.0 | 110.7 | 108.3 | 106.3 | 105.9 | 104.4 | 103.0 | 101.1 |
| 65° | 115.7 | 108.7 | 102.5 | 98.2 | 95.0 | 93.1 | 91.6 | 90.3 | 87.1 | 83.8 | 82.1 |
| 67.5° | 97.8 | 92.7 | 87.0 | 83.3 | 80.7 | 78.3 | 75.4 | 73.3 | 70.4 | 68.5 | 67.4 |
| 70° | 86.3 | 81.5 | 76.6 | 73.0 | 70.3 | 67.9 | 64.8 | 63.3 | 61.2 | 60.4 | 59.3 |
| 72.5° | 75.3 | 70.8 | 66.3 | 63.0 | 60.2 | 58.3 | 55.8 | 54.4 | 53.4 | 53.1 | 52.1 |
| 75° | 58.7 | 55.1 | 51.7 | 48.8 | 46.5 | 45.1 | 44.1 | 43.1 | 42.6 | 40.8 | 39.7 |
| 77.5° | 42.8 | 40.4 | 38.3 | 36.2 | 34.6 | 33.7 | 31.7 | 30.5 | 29.8 | 28.9 | 28.6 |
| 80° | 33.3 | 31.7 | 29.5 | 28.3 | 25.9 | 25.1 | 24.3 | 24.1 | 23.8 | 23.6 | 23.5 |
| 82.5° | 25.1 | 23.4 | 21.3 | 20.5 | 19.9 | 19.4 | 18.9 | 18.6 | 18.5 | 18.5 | 18.5 |
| 85° | 12.7 | 11.9 | 11.9 | 11.6 | 11.4 | 11.1 | 11.0 | 11.0 | 10.8 | 11.0 | 10.8 |
| 87.5° | 5.5 | 5.5 | 5.7 | 5.6 | 6.0 | 6.2 | 6.1 | 6.2 | 6.5 | 6.3 | 6.4 |
| 90° | 6.5 | 7.6 | 8.5 | 9.4 | 10.3 | 11.1 | 11.9 | 12.6 | 13.2 | 13.9 | 14.4 |
| 92.5° | 16.6 | 17.6 | 18.3 | 18.9 | 19.5 | 20.2 | 20.5 | 21.0 | 21.4 | 21.8 | 22.0 |
| 95° | 34.6 | 35.5 | 36.3 | 37.1 | 37.9 | 38.6 | 39.0 | 39.3 | 39.7 | 40.0 | 40.2 |
| 97.5° | 56.5 | 57.4 | 58.3 | 59.3 | 60.2 | 61.2 | 61.5 | 62.0 | 62.3 | 62.8 | 63.0 |
| 100° | 73.0 | 73.7 | 74.7 | 75.8 | 76.8 | 77.8 | 78.0 | 78.3 | 78.5 | 78.7 | 78.8 |
| 102.5° | 90.6 | 91.2 | 92.1 | 93.0 | 94.0 | 94.9 | 95.2 | 95.5 | 95.9 | 96.1 | 96.4 |
| 105° | 119.0 | 119.2 | 119.7 | 120.1 | 120.6 | 121.0 | 121.4 | 121.7 | 122.1 | 122.4 | 122.7 |
| 107.5° | 149.1 | 149.2 | 149.2 | 149.3 | 149.4 | 149.5 | 149.7 | 150.1 | 150.3 | 150.7 | 150.9 |
| 110° | 169.8 | 169.8 | 169.7 | 169.6 | 169.5 | 169.3 | 169.2 | 168.9 | 168.7 | 168.4 | 168.5 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 190.2 | 190.1 | 189.9 | 189.7 | 189.5 | 189.3 | 189.2 | 189.2 | 189.1 | 189.1 | 189.1 |
| 115° | 221.8 | 221.6 | 221.4 | 221.1 | 221.0 | 220.7 | 220.6 | 220.5 | 220.4 | 220.3 | 220.2 |
| 117.5° | 252.0 | 252.0 | 251.8 | 251.6 | 251.5 | 251.4 | 250.9 | 250.6 | 250.2 | 249.8 | 249.5 |
| 120° | 273.4 | 273.5 | 273.1 | 272.8 | 272.4 | 272.1 | 271.5 | 271.0 | 270.4 | 269.8 | 269.7 |
| 122.5° | 293.0 | 293.1 | 292.9 | 292.7 | 292.6 | 292.5 | 292.0 | 291.7 | 291.3 | 290.9 | 290.5 |
| 125° | 323.0 | 322.9 | 322.8 | 322.7 | 322.5 | 322.4 | 322.2 | 322.0 | 321.7 | 321.6 | 321.3 |
| 127.5° | 352.0 | 352.1 | 352.0 | 351.8 | 351.6 | 351.4 | 351.2 | 351.0 | 350.8 | 350.5 | 350.4 |
| 130° | 371.6 | 371.8 | 371.8 | 371.8 | 371.8 | 371.8 | 371.6 | 371.3 | 371.1 | 370.9 | 370.5 |
| 132.5° | 391.2 | 391.3 | 391.2 | 391.1 | 391.0 | 390.9 | 390.7 | 390.5 | 390.2 | 390.0 | 389.8 |
| 135° | 419.3 | 419.5 | 419.5 | 419.5 | 419.5 | 419.5 | 419.4 | 419.1 | 418.9 | 418.7 | 418.4 |
| 137.5° | 446.5 | 446.7 | 446.9 | 447.1 | 447.3 | 447.5 | 447.2 | 446.8 | 446.6 | 446.3 | 446.1 |
| 140° | 465.2 | 465.4 | 465.4 | 465.4 | 465.4 | 465.4 | 465.2 | 465.1 | 465.0 | 464.9 | 464.8 |
| 142.5° | 482.8 | 482.8 | 482.7 | 482.6 | 482.5 | 482.4 | 482.4 | 482.4 | 482.4 | 482.3 | 482.3 |
| 145° | 507.8 | 508.1 | 508.3 | 508.4 | 508.5 | 508.5 | 508.5 | 508.4 | 508.3 | 508.1 | 507.9 |
| 147.5° | 532.3 | 532.4 | 532.4 | 532.3 | 532.2 | 532.1 | 532.0 | 531.9 | 531.8 | 531.7 | 531.6 |
| 150° | 546.5 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 |
| 152.5° | 559.6 | 559.8 | 559.9 | 560.0 | 560.1 | 560.2 | 560.4 | 560.7 | 561.0 | 561.2 | 561.2 |
| 155° | 579.8 | 579.7 | 579.6 | 579.5 | 579.4 | 579.3 | 579.7 | 580.1 | 580.6 | 581.1 | 581.1 |
| 157.5° | 596.9 | 596.7 | 596.7 | 596.7 | 596.7 | 596.6 | 597.0 | 597.4 | 597.7 | 598.1 | 598.0 |
| 160° | 607.8 | 607.7 | 607.6 | 607.5 | 607.3 | 607.3 | 607.6 | 608.0 | 608.2 | 608.6 | 608.5 |
| 162.5° | 616.9 | 616.6 | 616.5 | 616.4 | 616.4 | 616.2 | 616.8 | 617.4 | 618.0 | 618.7 | 618.7 |
| 165° | 629.8 | 629.5 | 629.3 | 629.1 | 628.8 | 628.7 | 629.3 | 630.0 | 630.6 | 631.3 | 631.4 |
| 167.5° | 639.4 | 639.1 | 639.1 | 639.2 | 639.2 | 639.2 | 639.9 | 640.5 | 641.2 | 641.9 | 641.9 |
| 170° | 644.6 | 644.4 | 644.5 | 644.6 | 644.8 | 644.9 | 645.6 | 646.2 | 646.9 | 647.6 | 647.6 |
| 172.5° | 649.1 | 648.9 | 648.9 | 648.9 | 648.9 | 649.0 | 649.7 | 650.5 | 651.3 | 652.0 | 652.0 |
| 175° | 654.3 | 654.0 | 653.9 | 653.8 | 653.6 | 653.5 | 654.3 | 655.1 | 655.9 | 656.7 | 656.7 |
| 177.5° | 656.6 | 656.4 | 656.4 | 656.4 | 656.4 | 656.4 | 657.0 | 657.6 | 658.3 | 658.9 | 658.9 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 500.0 | 500.3 | 499.2 | 498.8 | 499.2 | 500.3 | 500.0 | 501.0 | 501.1 | 502.6 | 502.0 |
| 5° | 463.9 | 463.4 | 462.4 | 462.6 | 462.4 | 463.4 | 463.9 | 465.6 | 466.4 | 469.8 | 469.3 |
| 7.5° | 432.9 | 431.3 | 431.8 | 430.1 | 431.8 | 431.3 | 432.9 | 434.4 | 437.0 | 438.5 | 442.2 |
| 10° | 414.0 | 411.7 | 409.8 | 408.1 | 409.8 | 411.7 | 414.0 | 414.9 | 418.5 | 420.2 | 423.7 |
| 12.5° | 388.3 | 386.2 | 383.7 | 384.1 | 383.7 | 386.2 | 388.3 | 391.9 | 396.5 | 400.1 | 405.7 |
| 15° | 351.6 | 348.4 | 343.4 | 344.0 | 343.4 | 348.4 | 351.6 | 354.4 | 359.0 | 367.0 | 370.8 |
| 17.5° | 320.6 | 320.6 | 318.3 | 318.9 | 318.3 | 320.6 | 320.6 | 324.3 | 326.7 | 331.8 | 337.6 |
| 20° | 304.5 | 303.1 | 303.3 | 302.6 | 303.3 | 303.1 | 304.5 | 309.0 | 311.5 | 315.0 | 321.4 |
| 22.5° | 293.4 | 291.6 | 290.1 | 288.8 | 290.1 | 291.6 | 293.4 | 294.6 | 298.0 | 301.4 | 306.6 |
| 25° | 274.6 | 273.3 | 271.4 | 271.0 | 271.4 | 273.3 | 274.6 | 276.4 | 278.1 | 282.6 | 285.7 |
| 27.5° | 258.0 | 257.8 | 257.0 | 256.0 | 257.0 | 257.8 | 258.0 | 259.7 | 261.9 | 264.7 | 268.8 |
| 30° | 248.4 | 248.0 | 247.5 | 246.9 | 247.5 | 248.0 | 248.4 | 250.1 | 251.7 | 254.0 | 257.3 |
| 32.5° | 239.8 | 239.5 | 239.1 | 239.2 | 239.1 | 239.5 | 239.8 | 240.6 | 241.7 | 244.6 | 247.1 |
| 35° | 227.5 | 227.3 | 226.9 | 226.7 | 226.9 | 227.3 | 227.5 | 228.4 | 229.0 | 229.8 | 231.9 |
| 37.5° | 216.1 | 216.6 | 216.3 | 216.2 | 216.3 | 216.6 | 216.1 | 216.2 | 215.5 | 217.0 | 218.5 |
| 40° | 208.1 | 208.3 | 208.7 | 208.5 | 208.7 | 208.3 | 208.1 | 208.3 | 208.3 | 208.3 | 209.6 |
| 42.5° | 201.5 | 201.5 | 202.2 | 201.4 | 202.2 | 201.5 | 201.5 | 200.7 | 199.7 | 199.8 | 200.3 |
| 45° | 189.8 | 191.0 | 190.7 | 190.7 | 190.7 | 191.0 | 189.8 | 188.2 | 188.1 | 187.2 | 187.2 |
| 47.5° | 176.8 | 178.0 | 178.3 | 178.2 | 178.3 | 178.0 | 176.8 | 176.3 | 175.3 | 174.5 | 174.4 |
| 50° | 168.4 | 168.0 | 168.6 | 168.4 | 168.6 | 168.0 | 168.4 | 167.4 | 165.9 | 165.9 | 165.4 |
| 52.5° | 158.1 | 158.2 | 158.2 | 157.9 | 158.2 | 158.2 | 158.1 | 157.6 | 156.9 | 156.2 | 156.0 |
| 55° | 142.2 | 142.5 | 142.0 | 142.2 | 142.0 | 142.5 | 142.2 | 142.0 | 142.0 | 141.6 | 142.0 |
| 57.5° | 125.0 | 124.0 | 124.4 | 123.9 | 124.4 | 124.0 | 125.0 | 125.9 | 126.3 | 126.4 | 127.0 |
| 60° | 112.7 | 111.0 | 110.6 | 109.8 | 110.6 | 111.0 | 112.7 | 114.8 | 115.7 | 116.1 | 116.7 |
| 62.5° | 98.9 | 97.6 | 96.2 | 96.9 | 96.2 | 97.6 | 98.9 | 101.1 | 103.0 | 104.4 | 105.9 |
| 65° | 80.4 | 79.5 | 78.9 | 79.8 | 78.9 | 79.5 | 80.4 | 82.1 | 83.8 | 87.1 | 90.3 |
| 67.5° | 66.5 | 66.1 | 66.1 | 65.7 | 66.1 | 66.1 | 66.5 | 67.4 | 68.5 | 70.4 | 73.3 |
| 70° | 59.3 | 58.7 | 58.7 | 58.2 | 58.7 | 58.7 | 59.3 | 59.3 | 60.4 | 61.2 | 63.3 |
| 72.5° | 51.9 | 51.3 | 51.5 | 51.2 | 51.5 | 51.3 | 51.9 | 52.1 | 53.1 | 53.4 | 54.4 |
| 75° | 38.4 | 37.4 | 37.4 | 37.5 | 37.4 | 37.4 | 38.4 | 39.7 | 40.8 | 42.6 | 43.1 |
| 77.5° | 28.6 | 28.4 | 28.7 | 28.4 | 28.7 | 28.4 | 28.6 | 28.6 | 28.9 | 29.8 | 30.5 |
| 80° | 23.5 | 23.2 | 23.0 | 23.6 | 23.0 | 23.2 | 23.5 | 23.5 | 23.6 | 23.8 | 24.1 |
| 82.5° | 18.2 | 18.2 | 18.1 | 18.9 | 18.1 | 18.2 | 18.2 | 18.5 | 18.5 | 18.5 | 18.6 |
| 85° | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.8 | 11.0 | 10.8 | 11.0 |
| 87.5° | 6.8 | 6.7 | 6.5 | 6.8 | 6.5 | 6.7 | 6.8 | 6.4 | 6.3 | 6.5 | 6.2 |
| 90° | 14.6 | 14.8 | 15.1 | 15.2 | 15.1 | 14.8 | 14.6 | 14.4 | 13.9 | 13.2 | 12.6 |
| 92.5° | 22.2 | 22.3 | 22.5 | 22.6 | 22.5 | 22.3 | 22.2 | 22.0 | 21.8 | 21.4 | 21.0 |
| 95° | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.0 | 39.7 | 39.3 |
| 97.5° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 62.8 | 62.3 | 62.0 |
| 100° | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.7 | 78.5 | 78.3 |
| 102.5° | 96.5 | 96.6 | 96.7 | 96.8 | 96.7 | 96.6 | 96.5 | 96.4 | 96.1 | 95.9 | 95.5 |
| 105° | 123.1 | 123.4 | 123.8 | 124.1 | 123.8 | 123.4 | 123.1 | 122.7 | 122.4 | 122.1 | 121.7 |
| 107.5° | 150.8 | 150.8 | 150.8 | 150.8 | 150.8 | 150.8 | 150.8 | 150.9 | 150.7 | 150.3 | 150.1 |
| 110° | 168.9 | 169.2 | 169.5 | 169.9 | 169.5 | 169.2 | 168.9 | 168.5 | 168.4 | 168.7 | 168.9 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.2 | 189.2 | 189.3 | 189.4 | 189.3 | 189.2 | 189.2 | 189.1 | 189.1 | 189.1 | 189.2 |
| 115° | 220.1 | 219.9 | 219.8 | 219.7 | 219.8 | 219.9 | 220.1 | 220.2 | 220.3 | 220.4 | 220.5 |
| 117.5° | 249.2 | 249.1 | 248.8 | 248.6 | 248.8 | 249.1 | 249.2 | 249.5 | 249.8 | 250.2 | 250.6 |
| 120° | 269.9 | 270.1 | 270.4 | 270.5 | 270.4 | 270.1 | 269.9 | 269.7 | 269.8 | 270.4 | 271.0 |
| 122.5° | 290.1 | 289.7 | 289.3 | 288.9 | 289.3 | 289.7 | 290.1 | 290.5 | 290.9 | 291.3 | 291.7 |
| 125° | 321.1 | 320.8 | 320.7 | 320.4 | 320.7 | 320.8 | 321.1 | 321.3 | 321.6 | 321.7 | 322.0 |
| 127.5° | 350.2 | 350.0 | 349.8 | 349.6 | 349.8 | 350.0 | 350.2 | 350.4 | 350.5 | 350.8 | 351.0 |
| 130° | 370.1 | 369.6 | 369.2 | 368.7 | 369.2 | 369.6 | 370.1 | 370.5 | 370.9 | 371.1 | 371.3 |
| 132.5° | 389.6 | 389.4 | 389.2 | 389.1 | 389.2 | 389.4 | 389.6 | 389.8 | 390.0 | 390.2 | 390.5 |
| 135° | 418.0 | 417.7 | 417.4 | 417.1 | 417.4 | 417.7 | 418.0 | 418.4 | 418.7 | 418.9 | 419.1 |
| 137.5° | 446.2 | 446.3 | 446.4 | 446.5 | 446.4 | 446.3 | 446.2 | 446.1 | 446.3 | 446.6 | 446.8 |
| 140° | 464.7 | 464.6 | 464.5 | 464.3 | 464.5 | 464.6 | 464.7 | 464.8 | 464.9 | 465.0 | 465.1 |
| 142.5° | 482.3 | 482.3 | 482.2 | 482.2 | 482.2 | 482.3 | 482.3 | 482.3 | 482.3 | 482.4 | 482.4 |
| 145° | 507.6 | 507.2 | 506.8 | 506.6 | 506.8 | 507.2 | 507.6 | 507.9 | 508.1 | 508.3 | 508.4 |
| 147.5° | 531.5 | 531.4 | 531.3 | 531.2 | 531.3 | 531.4 | 531.5 | 531.6 | 531.7 | 531.8 | 531.9 |
| 150° | 546.5 | 546.4 | 546.4 | 546.3 | 546.4 | 546.4 | 546.5 | 546.7 | 546.7 | 546.7 | 546.7 |
| 152.5° | 561.0 | 560.6 | 560.4 | 560.1 | 560.4 | 560.6 | 561.0 | 561.2 | 561.2 | 561.0 | 560.7 |
| 155° | 580.6 | 580.1 | 579.7 | 579.3 | 579.7 | 580.1 | 580.6 | 581.1 | 581.1 | 580.6 | 580.1 |
| 157.5° | 597.6 | 597.3 | 596.8 | 596.5 | 596.8 | 597.3 | 597.6 | 598.0 | 598.1 | 597.7 | 597.4 |
| 160° | 608.0 | 607.3 | 606.8 | 606.3 | 606.8 | 607.3 | 608.0 | 608.5 | 608.6 | 608.2 | 608.0 |
| 162.5° | 618.1 | 617.5 | 617.0 | 616.4 | 617.0 | 617.5 | 618.1 | 618.7 | 618.7 | 618.0 | 617.4 |
| 165° | 631.0 | 630.5 | 630.1 | 629.6 | 630.1 | 630.5 | 631.0 | 631.4 | 631.3 | 630.6 | 630.0 |
| 167.5° | 641.2 | 640.5 | 639.8 | 639.1 | 639.8 | 640.5 | 641.2 | 641.9 | 641.9 | 641.2 | 640.5 |
| 170° | 646.8 | 646.0 | 645.2 | 644.4 | 645.2 | 646.0 | 646.8 | 647.6 | 647.6 | 646.9 | 646.2 |
| 172.5° | 651.2 | 650.4 | 649.6 | 648.9 | 649.6 | 650.4 | 651.2 | 652.0 | 652.0 | 651.3 | 650.5 |
| 175° | 655.9 | 655.1 | 654.3 | 653.5 | 654.3 | 655.1 | 655.9 | 656.7 | 656.7 | 655.9 | 655.1 |
| 177.5° | 658.2 | 657.5 | 656.7 | 655.9 | 656.7 | 657.5 | 658.2 | 658.9 | 658.9 | 658.3 | 657.6 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 501.0 | 502.2 | 504.9 | 507.9 | 510.5 | 512.6 | 514.3 | 516.7 | 518.9 | 521.9 | 524.8 |
| 5° | 470.6 | 473.6 | 477.8 | 482.9 | 489.2 | 493.4 | 498.6 | 503.4 | 510.1 | 516.8 | 523.3 |
| 7.5° | 444.0 | 447.2 | 453.4 | 460.4 | 467.9 | 474.8 | 481.1 | 489.3 | 498.2 | 508.1 | 519.1 |
| 10° | 426.7 | 430.3 | 437.7 | 445.7 | 454.6 | 461.4 | 469.8 | 479.5 | 489.6 | 501.7 | 515.1 |
| 12.5° | 411.2 | 414.6 | 423.5 | 431.7 | 440.9 | 448.4 | 458.2 | 468.0 | 481.5 | 494.5 | 509.9 |
| 15° | 380.9 | 390.0 | 400.1 | 409.8 | 420.8 | 429.9 | 441.7 | 451.8 | 464.7 | 483.0 | 500.6 |
| 17.5° | 347.3 | 357.0 | 369.6 | 384.6 | 399.3 | 410.5 | 422.5 | 435.1 | 450.4 | 469.1 | 489.4 |
| 20° | 327.7 | 335.6 | 349.5 | 366.1 | 383.3 | 398.9 | 409.8 | 423.7 | 439.6 | 459.9 | 480.7 |
| 22.5° | 313.1 | 319.7 | 330.6 | 347.2 | 365.7 | 383.8 | 397.9 | 411.6 | 429.1 | 449.4 | 472.2 |
| 25° | 291.1 | 298.2 | 307.7 | 319.1 | 340.2 | 359.4 | 377.7 | 393.6 | 412.1 | 432.4 | 457.7 |
| 27.5° | 272.7 | 278.9 | 287.7 | 299.5 | 313.7 | 334.8 | 357.1 | 375.1 | 394.2 | 416.0 | 441.3 |
| 30° | 261.9 | 267.0 | 274.1 | 286.1 | 299.7 | 318.7 | 341.3 | 362.4 | 381.6 | 404.1 | 430.5 |
| 32.5° | 250.6 | 256.0 | 263.0 | 272.5 | 287.0 | 303.0 | 325.6 | 348.7 | 369.1 | 392.2 | 418.0 |
| 35° | 235.5 | 239.8 | 246.1 | 255.7 | 268.9 | 282.8 | 302.8 | 326.7 | 348.2 | 372.9 | 397.6 |
| 37.5° | 220.3 | 225.2 | 230.2 | 238.9 | 249.6 | 264.6 | 281.0 | 305.4 | 329.2 | 351.8 | 375.9 |
| 40° | 211.7 | 214.6 | 220.1 | 227.1 | 238.4 | 251.7 | 267.2 | 291.1 | 314.9 | 337.2 | 361.5 |
| 42.5° | 202.1 | 205.4 | 210.0 | 217.0 | 227.1 | 240.1 | 255.2 | 275.8 | 300.7 | 322.4 | 344.5 |
| 45° | 188.7 | 190.6 | 195.2 | 201.1 | 209.6 | 222.7 | 236.6 | 254.9 | 278.4 | 299.1 | 318.4 |
| 47.5° | 175.1 | 176.8 | 179.7 | 185.1 | 194.6 | 205.1 | 218.1 | 234.6 | 255.1 | 275.8 | 292.2 |
| 50° | 165.9 | 167.4 | 170.1 | 175.1 | 183.6 | 193.9 | 206.8 | 221.6 | 240.0 | 259.8 | 273.5 |
| 52.5° | 156.6 | 157.4 | 160.0 | 165.7 | 172.8 | 183.0 | 194.5 | 208.1 | 225.2 | 241.7 | 255.7 |
| 55° | 141.8 | 143.7 | 145.4 | 149.6 | 156.4 | 166.1 | 176.5 | 189.3 | 202.6 | 216.5 | 228.4 |
| 57.5° | 126.4 | 128.5 | 130.9 | 134.6 | 140.0 | 149.0 | 158.3 | 168.7 | 180.1 | 191.6 | 201.6 |
| 60° | 116.3 | 118.2 | 120.3 | 124.5 | 129.4 | 136.5 | 146.7 | 155.8 | 164.4 | 175.0 | 184.9 |
| 62.5° | 106.3 | 108.3 | 110.7 | 114.0 | 118.7 | 125.6 | 134.0 | 141.9 | 150.9 | 160.1 | 167.5 |
| 65° | 91.6 | 93.1 | 95.0 | 98.2 | 102.5 | 108.7 | 115.7 | 121.8 | 129.8 | 136.5 | 143.3 |
| 67.5° | 75.4 | 78.3 | 80.7 | 83.3 | 87.0 | 92.7 | 97.8 | 103.7 | 109.1 | 114.1 | 120.3 |
| 70° | 64.8 | 67.9 | 70.3 | 73.0 | 76.6 | 81.5 | 86.3 | 90.3 | 94.8 | 99.6 | 105.1 |
| 72.5° | 55.8 | 58.3 | 60.2 | 63.0 | 66.3 | 70.8 | 75.3 | 78.6 | 82.3 | 85.6 | 91.0 |
| 75° | 44.1 | 45.1 | 46.5 | 48.8 | 51.7 | 55.1 | 58.7 | 61.6 | 63.8 | 66.7 | 70.4 |
| 77.5° | 31.7 | 33.7 | 34.6 | 36.2 | 38.3 | 40.4 | 42.8 | 45.3 | 47.3 | 48.3 | 51.3 |
| 80° | 24.3 | 25.1 | 25.9 | 28.3 | 29.5 | 31.7 | 33.3 | 35.7 | 36.5 | 37.5 | 40.3 |
| 82.5° | 18.9 | 19.4 | 19.9 | 20.5 | 21.3 | 23.4 | 25.1 | 26.6 | 27.4 | 27.7 | 29.9 |
| 85° | 11.0 | 11.1 | 11.4 | 11.6 | 11.9 | 11.9 | 12.7 | 13.7 | 15.2 | 15.2 | 15.9 |
| 87.5° | 6.1 | 6.2 | 6.0 | 5.6 | 5.7 | 5.5 | 5.5 | 5.3 | 5.5 | 5.8 | 6.1 |
| 90° | 11.9 | 11.1 | 10.3 | 9.4 | 8.5 | 7.6 | 6.5 | 5.3 | 4.0 | 2.8 | 1.5 |
| 92.5° | 20.5 | 20.2 | 19.5 | 18.9 | 18.3 | 17.6 | 16.6 | 15.2 | 13.7 | 12.3 | 10.9 |
| 95° | 39.0 | 38.6 | 37.9 | 37.1 | 36.3 | 35.5 | 34.6 | 33.5 | 32.5 | 31.6 | 30.5 |
| 97.5° | 61.5 | 61.2 | 60.2 | 59.3 | 58.3 | 57.4 | 56.5 | 55.7 | 54.9 | 54.1 | 53.3 |
| 100° | 78.0 | 77.8 | 76.8 | 75.8 | 74.7 | 73.7 | 73.0 | 72.6 | 72.1 | 71.7 | 71.2 |
| 102.5° | 95.2 | 94.9 | 94.0 | 93.0 | 92.1 | 91.2 | 90.6 | 90.4 | 90.2 | 90.1 | 89.9 |
| 105° | 121.4 | 121.0 | 120.6 | 120.1 | 119.7 | 119.2 | 119.0 | 118.9 | 118.7 | 118.6 | 118.5 |
| 107.5° | 149.7 | 149.5 | 149.4 | 149.3 | 149.2 | 149.2 | 149.1 | 148.9 | 148.7 | 148.6 | 148.5 |
| 110° | 169.2 | 169.3 | 169.5 | 169.6 | 169.7 | 169.8 | 169.8 | 169.5 | 169.3 | 169.1 | 168.9 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.2 | 189.3 | 189.5 | 189.7 | 189.9 | 190.1 | 190.2 | 190.1 | 190.1 | 190.0 | 190.0 |
| 115° | 220.6 | 220.7 | 221.0 | 221.1 | 221.4 | 221.6 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 |
| 117.5° | 250.9 | 251.4 | 251.5 | 251.6 | 251.8 | 252.0 | 252.0 | 251.9 | 251.8 | 251.7 | 251.6 |
| 120° | 271.5 | 272.1 | 272.4 | 272.8 | 273.1 | 273.5 | 273.4 | 273.0 | 272.5 | 272.1 | 271.6 |
| 122.5° | 292.0 | 292.5 | 292.6 | 292.7 | 292.9 | 293.1 | 293.0 | 292.8 | 292.7 | 292.5 | 292.3 |
| 125° | 322.2 | 322.4 | 322.5 | 322.7 | 322.8 | 322.9 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 |
| 127.5° | 351.2 | 351.4 | 351.6 | 351.8 | 352.0 | 352.1 | 352.0 | 351.8 | 351.4 | 351.1 | 350.7 |
| 130° | 371.6 | 371.8 | 371.8 | 371.8 | 371.8 | 371.8 | 371.6 | 371.3 | 371.0 | 370.6 | 370.2 |
| 132.5° | 390.7 | 390.9 | 391.0 | 391.1 | 391.2 | 391.3 | 391.2 | 390.9 | 390.7 | 390.5 | 390.2 |
| 135° | 419.4 | 419.5 | 419.5 | 419.5 | 419.5 | 419.5 | 419.3 | 418.6 | 417.9 | 417.2 | 416.5 |
| 137.5° | 447.2 | 447.5 | 447.3 | 447.1 | 446.9 | 446.7 | 446.5 | 446.1 | 445.9 | 445.5 | 445.2 |
| 140° | 465.2 | 465.4 | 465.4 | 465.4 | 465.4 | 465.4 | 465.2 | 465.0 | 464.8 | 464.6 | 464.3 |
| 142.5° | 482.4 | 482.4 | 482.5 | 482.6 | 482.7 | 482.8 | 482.8 | 482.5 | 482.3 | 482.1 | 481.8 |
| 145° | 508.5 | 508.5 | 508.5 | 508.4 | 508.3 | 508.1 | 507.8 | 507.4 | 506.9 | 506.5 | 506.0 |
| 147.5° | 532.0 | 532.1 | 532.2 | 532.3 | 532.4 | 532.4 | 532.3 | 531.6 | 531.1 | 530.6 | 530.0 |
| 150° | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.5 | 546.1 | 545.6 | 545.2 | 544.7 |
| 152.5° | 560.4 | 560.2 | 560.1 | 560.0 | 559.9 | 559.8 | 559.6 | 559.4 | 559.1 | 558.8 | 558.6 |
| 155° | 579.7 | 579.3 | 579.4 | 579.5 | 579.6 | 579.7 | 579.8 | 579.8 | 579.8 | 579.8 | 579.8 |
| 157.5° | 597.0 | 596.6 | 596.7 | 596.7 | 596.7 | 596.7 | 596.9 | 597.1 | 597.3 | 597.4 | 597.7 |
| 160° | 607.6 | 607.3 | 607.3 | 607.5 | 607.6 | 607.7 | 607.8 | 608.0 | 608.1 | 608.1 | 608.2 |
| 162.5° | 616.8 | 616.2 | 616.4 | 616.4 | 616.5 | 616.6 | 616.9 | 617.2 | 617.4 | 617.8 | 618.0 |
| 165° | 629.3 | 628.7 | 628.8 | 629.1 | 629.3 | 629.5 | 629.8 | 630.2 | 630.4 | 630.8 | 631.2 |
| 167.5° | 639.9 | 639.2 | 639.2 | 639.2 | 639.1 | 639.1 | 639.4 | 639.8 | 640.2 | 640.8 | 641.2 |
| 170° | 645.6 | 644.9 | 644.8 | 644.6 | 644.5 | 644.4 | 644.6 | 645.2 | 645.8 | 646.4 | 646.9 |
| 172.5° | 649.7 | 649.0 | 648.9 | 648.9 | 648.9 | 648.9 | 649.1 | 649.6 | 650.1 | 650.5 | 650.9 |
| 175° | 654.3 | 653.5 | 653.6 | 653.8 | 653.9 | 654.0 | 654.3 | 654.9 | 655.5 | 656.0 | 656.6 |
| 177.5° | 657.0 | 656.4 | 656.4 | 656.4 | 656.4 | 656.4 | 656.6 | 657.1 | 657.5 | 658.0 | 658.4 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 527.0 | 528.5 | 530.2 | 533.4 | 536.1 | 537.3 | 539.7 | 541.4 | 540.8 | 543.2 | 547.2 |
| 5° | 529.1 | 534.8 | 541.4 | 548.0 | 555.6 | 562.0 | 567.0 | 572.1 | 576.1 | 580.9 | 588.2 |
| 7.5° | 528.7 | 538.9 | 549.9 | 562.0 | 574.4 | 585.2 | 595.1 | 605.3 | 614.3 | 624.1 | 637.0 |
| 10° | 527.4 | 540.9 | 554.6 | 570.4 | 586.3 | 601.3 | 614.7 | 627.4 | 639.4 | 652.3 | 668.6 |
| 12.5° | 525.8 | 541.4 | 557.9 | 577.0 | 596.7 | 614.7 | 630.6 | 648.9 | 664.0 | 680.6 | 699.3 |
| 15° | 519.2 | 540.0 | 562.7 | 587.3 | 611.0 | 635.3 | 656.9 | 679.3 | 700.3 | 720.1 | 743.7 |
| 17.5° | 511.5 | 535.6 | 562.2 | 591.4 | 619.7 | 649.3 | 675.1 | 703.3 | 724.6 | 751.3 | 773.2 |
| 20° | 505.2 | 531.2 | 559.6 | 592.4 | 624.6 | 657.4 | 685.9 | 714.6 | 738.6 | 765.4 | 793.3 |
| 22.5° | 497.7 | 526.1 | 557.0 | 590.8 | 624.6 | 660.4 | 692.0 | 720.5 | 750.3 | 780.4 | 809.1 |
| 25° | 485.4 | 515.0 | 547.7 | 584.8 | 623.7 | 660.1 | 693.9 | 729.3 | 761.4 | 794.2 | 819.9 |
| 27.5° | 470.4 | 501.4 | 535.8 | 574.2 | 614.0 | 651.4 | 691.2 | 729.0 | 761.3 | 792.7 | 815.2 |
| 30° | 458.3 | 491.1 | 524.2 | 563.0 | 604.4 | 644.5 | 687.2 | 725.0 | 758.9 | 787.2 | 799.9 |
| 32.5° | 446.0 | 477.1 | 511.2 | 550.5 | 592.9 | 636.1 | 678.3 | 717.0 | 748.4 | 765.4 | 765.7 |
| 35° | 424.6 | 453.7 | 489.2 | 527.8 | 571.3 | 618.1 | 660.9 | 698.9 | 718.2 | 719.6 | 698.9 |
| 37.5° | 401.3 | 427.9 | 461.4 | 500.1 | 547.7 | 594.3 | 638.0 | 663.3 | 669.8 | 648.3 | 610.1 |
| 40° | 384.5 | 409.2 | 441.5 | 481.2 | 528.4 | 576.6 | 616.4 | 635.0 | 628.3 | 593.4 | 550.8 |
| 42.5° | 366.9 | 389.9 | 421.1 | 460.2 | 507.7 | 556.3 | 590.3 | 600.2 | 582.4 | 542.2 | 492.2 |
| 45° | 338.3 | 359.4 | 390.2 | 429.7 | 475.3 | 520.8 | 546.6 | 541.5 | 511.8 | 464.0 | 408.1 |
| 47.5° | 308.4 | 328.9 | 356.6 | 393.1 | 439.8 | 479.1 | 496.5 | 481.3 | 438.9 | 386.5 | 341.0 |
| 50° | 288.7 | 309.6 | 335.1 | 370.0 | 412.6 | 450.6 | 461.7 | 438.5 | 391.5 | 341.1 | 299.3 |
| 52.5° | 269.3 | 287.1 | 312.2 | 345.8 | 386.6 | 418.7 | 424.6 | 397.9 | 349.3 | 304.1 | 267.0 |
| 55° | 239.8 | 256.0 | 277.1 | 308.7 | 344.0 | 371.2 | 368.0 | 333.7 | 289.5 | 250.9 | 221.8 |
| 57.5° | 211.2 | 223.4 | 242.9 | 272.6 | 303.5 | 321.8 | 310.2 | 280.9 | 239.8 | 208.1 | 183.6 |
| 60° | 192.3 | 203.7 | 221.8 | 247.7 | 275.0 | 285.3 | 275.6 | 243.8 | 211.2 | 182.4 | 161.7 |
| 62.5° | 174.3 | 184.4 | 200.0 | 224.1 | 246.1 | 252.3 | 241.8 | 214.0 | 184.8 | 160.1 | 142.9 |
| 65° | 148.4 | 157.7 | 170.9 | 188.1 | 203.2 | 206.2 | 199.5 | 170.9 | 148.8 | 128.1 | 116.3 |
| 67.5° | 124.8 | 130.8 | 141.2 | 156.0 | 164.1 | 165.8 | 152.8 | 134.8 | 115.3 | 102.6 | 93.7 |
| 70° | 108.9 | 113.2 | 122.8 | 130.8 | 137.4 | 137.6 | 125.6 | 111.2 | 96.2 | 85.9 | 79.4 |
| 72.5° | 93.5 | 97.6 | 105.0 | 110.4 | 115.5 | 113.8 | 102.8 | 91.5 | 79.4 | 71.5 | 66.7 |
| 75° | 72.1 | 75.8 | 79.5 | 82.1 | 82.1 | 80.0 | 72.0 | 63.5 | 56.5 | 51.9 | 50.5 |
| 77.5° | 52.4 | 55.4 | 56.7 | 56.3 | 55.6 | 52.3 | 47.2 | 41.6 | 39.1 | 37.0 | 35.8 |
| 80° | 41.2 | 42.4 | 42.8 | 41.8 | 40.5 | 36.7 | 33.3 | 31.0 | 28.7 | 27.8 | 27.5 |
| 82.5° | 30.5 | 31.7 | 30.5 | 30.9 | 28.0 | 24.9 | 23.0 | 22.2 | 21.3 | 21.0 | 20.5 |
| 85° | 16.2 | 16.1 | 15.6 | 14.5 | 12.7 | 12.2 | 12.0 | 11.9 | 11.4 | 11.6 | 11.1 |
| 87.5° | 6.2 | 5.9 | 5.4 | 5.5 | 5.7 | 5.6 | 5.9 | 6.2 | 6.3 | 6.2 | 6.7 |
| 90° | 2.8 | 4.0 | 5.3 | 6.5 | 7.6 | 8.5 | 9.4 | 10.3 | 11.1 | 11.9 | 12.6 |
| 92.5° | 12.3 | 13.7 | 15.2 | 16.6 | 17.6 | 18.3 | 18.9 | 19.5 | 20.2 | 20.5 | 21.0 |
| 95° | 31.6 | 32.5 | 33.5 | 34.6 | 35.5 | 36.3 | 37.1 | 37.9 | 38.6 | 39.0 | 39.3 |
| 97.5° | 54.1 | 54.9 | 55.7 | 56.5 | 57.4 | 58.3 | 59.3 | 60.2 | 61.2 | 61.5 | 62.0 |
| 100° | 71.7 | 72.1 | 72.6 | 73.0 | 73.7 | 74.7 | 75.8 | 76.8 | 77.8 | 78.0 | 78.3 |
| 102.5° | 90.1 | 90.2 | 90.4 | 90.6 | 91.2 | 92.1 | 93.0 | 94.0 | 94.9 | 95.2 | 95.5 |
| 105° | 118.6 | 118.7 | 118.9 | 119.0 | 119.2 | 119.7 | 120.1 | 120.6 | 121.0 | 121.4 | 121.7 |
| 107.5° | 148.6 | 148.7 | 148.9 | 149.1 | 149.2 | 149.2 | 149.3 | 149.4 | 149.5 | 149.7 | 150.1 |
| 110° | 169.1 | 169.3 | 169.5 | 169.8 | 169.8 | 169.7 | 169.6 | 169.5 | 169.3 | 169.2 | 168.9 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 190.0 | 190.1 | 190.1 | 190.2 | 190.1 | 189.9 | 189.7 | 189.5 | 189.3 | 189.2 | 189.2 |
| 115° | 221.8 | 221.8 | 221.8 | 221.8 | 221.6 | 221.4 | 221.1 | 221.0 | 220.7 | 220.6 | 220.5 |
| 117.5° | 251.7 | 251.8 | 251.9 | 252.0 | 252.0 | 251.8 | 251.6 | 251.5 | 251.4 | 250.9 | 250.6 |
| 120° | 272.1 | 272.5 | 273.0 | 273.4 | 273.5 | 273.1 | 272.8 | 272.4 | 272.1 | 271.5 | 271.0 |
| 122.5° | 292.5 | 292.7 | 292.8 | 293.0 | 293.1 | 292.9 | 292.7 | 292.6 | 292.5 | 292.0 | 291.7 |
| 125° | 323.0 | 323.0 | 323.0 | 323.0 | 322.9 | 322.8 | 322.7 | 322.5 | 322.4 | 322.2 | 322.0 |
| 127.5° | 351.1 | 351.4 | 351.8 | 352.0 | 352.1 | 352.0 | 351.8 | 351.6 | 351.4 | 351.2 | 351.0 |
| 130° | 370.6 | 371.0 | 371.3 | 371.6 | 371.8 | 371.8 | 371.8 | 371.8 | 371.8 | 371.6 | 371.3 |
| 132.5° | 390.5 | 390.7 | 390.9 | 391.2 | 391.3 | 391.2 | 391.1 | 391.0 | 390.9 | 390.7 | 390.5 |
| 135° | 417.2 | 417.9 | 418.6 | 419.3 | 419.5 | 419.5 | 419.5 | 419.5 | 419.5 | 419.4 | 419.1 |
| 137.5° | 445.5 | 445.9 | 446.1 | 446.5 | 446.7 | 446.9 | 447.1 | 447.3 | 447.5 | 447.2 | 446.8 |
| 140° | 464.6 | 464.8 | 465.0 | 465.2 | 465.4 | 465.4 | 465.4 | 465.4 | 465.4 | 465.2 | 465.1 |
| 142.5° | 482.1 | 482.3 | 482.5 | 482.8 | 482.8 | 482.7 | 482.6 | 482.5 | 482.4 | 482.4 | 482.4 |
| 145° | 506.5 | 506.9 | 507.4 | 507.8 | 508.1 | 508.3 | 508.4 | 508.5 | 508.5 | 508.5 | 508.4 |
| 147.5° | 530.6 | 531.1 | 531.6 | 532.3 | 532.4 | 532.4 | 532.3 | 532.2 | 532.1 | 532.0 | 531.9 |
| 150° | 545.2 | 545.6 | 546.1 | 546.5 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 | 546.7 |
| 152.5° | 558.8 | 559.1 | 559.4 | 559.6 | 559.8 | 559.9 | 560.0 | 560.1 | 560.2 | 560.4 | 560.7 |
| 155° | 579.8 | 579.8 | 579.8 | 579.8 | 579.7 | 579.6 | 579.5 | 579.4 | 579.3 | 579.7 | 580.1 |
| 157.5° | 597.4 | 597.3 | 597.1 | 596.9 | 596.7 | 596.7 | 596.7 | 596.7 | 596.6 | 597.0 | 597.4 |
| 160° | 608.1 | 608.1 | 608.0 | 607.8 | 607.7 | 607.6 | 607.5 | 607.3 | 607.3 | 607.6 | 608.0 |
| 162.5° | 617.8 | 617.4 | 617.2 | 616.9 | 616.6 | 616.5 | 616.4 | 616.4 | 616.2 | 616.8 | 617.4 |
| 165° | 630.8 | 630.4 | 630.2 | 629.8 | 629.5 | 629.3 | 629.1 | 628.8 | 628.7 | 629.3 | 630.0 |
| 167.5° | 640.8 | 640.2 | 639.8 | 639.4 | 639.1 | 639.1 | 639.2 | 639.2 | 639.2 | 639.9 | 640.5 |
| 170° | 646.4 | 645.8 | 645.2 | 644.6 | 644.4 | 644.5 | 644.6 | 644.8 | 644.9 | 645.6 | 646.2 |
| 172.5° | 650.5 | 650.1 | 649.6 | 649.1 | 648.9 | 648.9 | 648.9 | 648.9 | 649.0 | 649.7 | 650.5 |
| 175° | 656.0 | 655.5 | 654.9 | 654.3 | 654.0 | 653.9 | 653.8 | 653.6 | 653.5 | 654.3 | 655.1 |
| 177.5° | 658.0 | 657.5 | 657.1 | 656.6 | 656.4 | 656.4 | 656.4 | 656.4 | 656.4 | 657.0 | 657.6 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 549.5 | 550.1 | 550.6 | 552.3 | 552.5 | 554.0 | 552.5 |
| 5° | 594.9 | 597.9 | 602.5 | 607.2 | 607.6 | 610.6 | 605.3 |
| 7.5° | 645.9 | 652.7 | 657.0 | 664.5 | 667.4 | 669.3 | 666.3 |
| 10° | 681.0 | 687.3 | 698.6 | 704.0 | 709.5 | 710.3 | 707.8 |
| 12.5° | 715.0 | 725.0 | 733.8 | 744.2 | 744.0 | 751.4 | 748.7 |
| 15° | 760.2 | 770.5 | 782.7 | 794.3 | 798.5 | 798.5 | 801.9 |
| 17.5° | 792.4 | 811.4 | 824.0 | 833.1 | 843.1 | 844.8 | 843.6 |
| 20° | 814.2 | 834.6 | 848.2 | 860.0 | 866.7 | 868.6 | 868.6 |
| 22.5° | 830.4 | 847.8 | 861.0 | 871.6 | 877.2 | 879.4 | 878.8 |
| 25° | 841.6 | 856.6 | 864.6 | 867.8 | 869.2 | 868.9 | 864.9 |
| 27.5° | 826.3 | 825.5 | 820.6 | 810.8 | 803.5 | 799.1 | 794.0 |
| 30° | 796.9 | 785.9 | 773.2 | 759.3 | 741.4 | 727.6 | 723.4 |
| 32.5° | 753.1 | 728.5 | 707.0 | 683.9 | 664.6 | 650.9 | 645.1 |
| 35° | 668.6 | 629.5 | 597.6 | 569.8 | 549.6 | 536.9 | 532.6 |
| 37.5° | 568.2 | 530.4 | 491.0 | 464.0 | 447.1 | 434.4 | 429.6 |
| 40° | 504.4 | 463.2 | 428.8 | 403.5 | 386.2 | 373.7 | 373.5 |
| 42.5° | 446.1 | 406.8 | 374.4 | 356.2 | 337.6 | 329.3 | 329.3 |
| 45° | 365.3 | 333.9 | 306.4 | 292.0 | 280.9 | 274.1 | 272.2 |
| 47.5° | 302.5 | 276.4 | 258.2 | 246.7 | 237.6 | 233.4 | 230.5 |
| 50° | 267.2 | 244.4 | 229.8 | 219.9 | 214.8 | 209.4 | 208.9 |
| 52.5° | 237.8 | 219.4 | 208.0 | 200.0 | 193.6 | 190.3 | 190.4 |
| 55° | 199.8 | 185.3 | 177.3 | 171.1 | 166.1 | 163.5 | 162.5 |
| 57.5° | 168.4 | 157.5 | 151.6 | 146.0 | 143.8 | 141.9 | 141.3 |
| 60° | 148.8 | 141.4 | 135.9 | 131.4 | 128.3 | 127.7 | 127.4 |
| 62.5° | 132.6 | 124.8 | 121.1 | 117.6 | 115.3 | 114.3 | 114.0 |
| 65° | 109.3 | 103.6 | 100.2 | 97.5 | 96.7 | 95.1 | 95.0 |
| 67.5° | 88.1 | 84.7 | 82.5 | 80.6 | 79.5 | 79.4 | 79.4 |
| 70° | 75.2 | 73.2 | 71.3 | 70.3 | 69.6 | 69.2 | 69.2 |
| 72.5° | 64.0 | 62.6 | 61.0 | 60.5 | 60.4 | 59.9 | 59.7 |
| 75° | 48.8 | 47.3 | 47.5 | 46.5 | 45.6 | 44.5 | 43.9 |
| 77.5° | 34.6 | 33.5 | 33.3 | 33.2 | 32.5 | 32.4 | 32.6 |
| 80° | 26.8 | 25.8 | 25.5 | 25.8 | 25.5 | 24.9 | 24.9 |
| 82.5° | 20.4 | 19.5 | 19.3 | 19.2 | 19.0 | 19.2 | 18.8 |
| 85° | 11.0 | 10.5 | 10.5 | 10.5 | 11.0 | 10.8 | 10.5 |
| 87.5° | 6.5 | 6.5 | 6.8 | 6.6 | 6.7 | 6.5 | 6.8 |
| 90° | 13.2 | 13.9 | 14.4 | 14.6 | 14.8 | 15.1 | 15.2 |
| 92.5° | 21.4 | 21.8 | 22.0 | 22.2 | 22.3 | 22.5 | 22.6 |
| 95° | 39.7 | 40.0 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| 97.5° | 62.3 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 100° | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 102.5° | 95.9 | 96.1 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 |
| 105° | 122.1 | 122.4 | 122.7 | 123.1 | 123.4 | 123.8 | 124.1 |
| 107.5° | 150.3 | 150.7 | 150.9 | 150.8 | 150.8 | 150.8 | 150.8 |
| 110° | 168.7 | 168.4 | 168.5 | 168.9 | 169.2 | 169.5 | 169.9 |



TEST NUMBER: P332872-940

CATALOG NUMBER: S124RDIP-S350D590U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.1 | 189.1 | 189.1 | 189.2 | 189.2 | 189.3 | 189.4 |
| 115° | 220.4 | 220.3 | 220.2 | 220.1 | 219.9 | 219.8 | 219.7 |
| 117.5° | 250.2 | 249.8 | 249.5 | 249.2 | 249.1 | 248.8 | 248.6 |
| 120° | 270.4 | 269.8 | 269.7 | 269.9 | 270.1 | 270.4 | 270.5 |
| 122.5° | 291.3 | 290.9 | 290.5 | 290.1 | 289.7 | 289.3 | 288.9 |
| 125° | 321.7 | 321.6 | 321.3 | 321.1 | 320.8 | 320.7 | 320.4 |
| 127.5° | 350.8 | 350.5 | 350.4 | 350.2 | 350.0 | 349.8 | 349.6 |
| 130° | 371.1 | 370.9 | 370.5 | 370.1 | 369.6 | 369.2 | 368.7 |
| 132.5° | 390.2 | 390.0 | 389.8 | 389.6 | 389.4 | 389.2 | 389.1 |
| 135° | 418.9 | 418.7 | 418.4 | 418.0 | 417.7 | 417.4 | 417.1 |
| 137.5° | 446.6 | 446.3 | 446.1 | 446.2 | 446.3 | 446.4 | 446.5 |
| 140° | 465.0 | 464.9 | 464.8 | 464.7 | 464.6 | 464.5 | 464.3 |
| 142.5° | 482.4 | 482.3 | 482.3 | 482.3 | 482.3 | 482.2 | 482.2 |
| 145° | 508.3 | 508.1 | 507.9 | 507.6 | 507.2 | 506.8 | 506.6 |
| 147.5° | 531.8 | 531.7 | 531.6 | 531.5 | 531.4 | 531.3 | 531.2 |
| 150° | 546.7 | 546.7 | 546.7 | 546.5 | 546.4 | 546.4 | 546.3 |
| 152.5° | 561.0 | 561.2 | 561.2 | 561.0 | 560.6 | 560.4 | 560.1 |
| 155° | 580.6 | 581.1 | 581.1 | 580.6 | 580.1 | 579.7 | 579.3 |
| 157.5° | 597.7 | 598.1 | 598.0 | 597.6 | 597.3 | 596.8 | 596.5 |
| 160° | 608.2 | 608.6 | 608.5 | 608.0 | 607.3 | 606.8 | 606.3 |
| 162.5° | 618.0 | 618.7 | 618.7 | 618.1 | 617.5 | 617.0 | 616.4 |
| 165° | 630.6 | 631.3 | 631.4 | 631.0 | 630.5 | 630.1 | 629.6 |
| 167.5° | 641.2 | 641.9 | 641.9 | 641.2 | 640.5 | 639.8 | 639.1 |
| 170° | 646.9 | 647.6 | 647.6 | 646.8 | 646.0 | 645.2 | 644.4 |
| 172.5° | 651.3 | 652.0 | 652.0 | 651.2 | 650.4 | 649.6 | 648.9 |
| 175° | 655.9 | 656.7 | 656.7 | 655.9 | 655.1 | 654.3 | 653.5 |
| 177.5° | 658.3 | 658.9 | 658.9 | 658.2 | 657.5 | 656.7 | 655.9 |
| 180° | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 | 657.6 |

(END OF REPORT)