

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: P332873-927

Luminaire Tested: **S124RDIP-S350D590U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332873-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIP-S350D590U927-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2850.4 lumens
Efficiency: N/A
Efficacy: 111.3 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

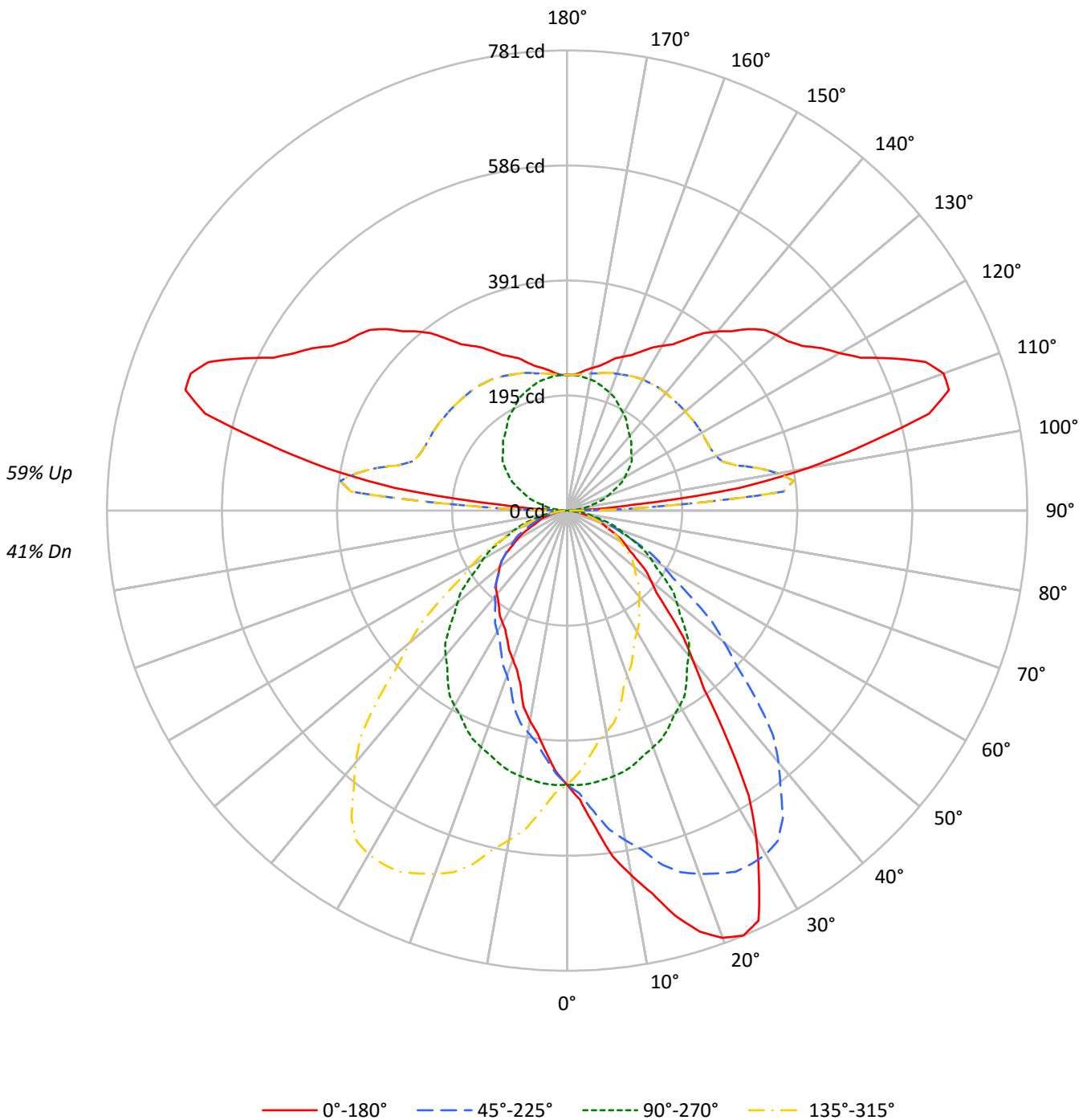
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 48 | 48 | 48 | 41 | | | | | | | | |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 36 | | | | | | | | |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 37 | 35 | 30 | | | | | | | | |
| 3 | 80 | 71 | 64 | 59 | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 34 | 32 | 31 | 26 | | | | | | | | |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 52 | 46 | 48 | 43 | 40 | 39 | 36 | 33 | 31 | 29 | 27 | 23 | | | | | | | | |
| 5 | 68 | 56 | 49 | 43 | 62 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 32 | 29 | 28 | 25 | 23 | 20 | | | | | | | | |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 23 | 21 | 18 | | | | | | | | |
| 7 | 58 | 46 | 38 | 33 | 53 | 42 | 35 | 31 | 36 | 30 | 27 | 29 | 25 | 22 | 23 | 21 | 18 | 16 | | | | | | | | |
| 8 | 54 | 42 | 34 | 29 | 49 | 38 | 32 | 27 | 32 | 27 | 24 | 27 | 23 | 20 | 21 | 19 | 17 | 14 | | | | | | | | |
| 9 | 50 | 38 | 31 | 26 | 45 | 35 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 | | | | | | | | |
| 10 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 22 | 27 | 22 | 19 | 23 | 19 | 16 | 18 | 16 | 14 | 12 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 3756 | 3756 | 3756 | 3756 |
| 5° | 4357 | 3767 | 3331 | 3767 |
| 10° | 5155 | 3751 | 2972 | 3751 |
| 15° | 5954 | 3717 | 2554 | 3717 |
| 20° | 6630 | 3669 | 2310 | 3669 |
| 25° | 6844 | 3622 | 2144 | 3622 |
| 30° | 5991 | 3566 | 2045 | 3566 |
| 35° | 4664 | 3481 | 1985 | 3481 |
| 40° | 3497 | 3385 | 1952 | 3385 |
| 45° | 2762 | 3230 | 1934 | 3230 |
| 50° | 2331 | 3052 | 1879 | 3052 |
| 55° | 2031 | 2856 | 1779 | 2856 |
| 60° | 1828 | 2651 | 1574 | 2651 |
| 65° | 1612 | 2432 | 1354 | 2432 |
| 70° | 1452 | 2205 | 1220 | 2205 |
| 75° | 1216 | 1953 | 1042 | 1953 |
| 80° | 1027 | 1664 | 976 | 1664 |
| 85° | 861 | 1306 | 861 | 1306 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 45.1 | 1.6 |
| 10°-20° | 136.0 | 4.8 |
| 20°-30° | 212.7 | 7.5 |
| 30°-40° | 236.5 | 8.3 |
| 40°-50° | 209.8 | 7.4 |
| 50°-60° | 163.5 | 5.7 |
| 60°-70° | 107.0 | 3.8 |
| 70°-80° | 52.6 | 1.8 |
| 80°-90° | 14.3 | 0.5 |
| 90°-100° | 166.1 | 5.8 |
| 100°-110° | 345.8 | 12.1 |
| 110°-120° | 309.7 | 10.9 |
| 120°-130° | 260.5 | 9.1 |
| 130°-140° | 217.2 | 7.6 |
| 140°-150° | 166.0 | 5.8 |
| 150°-160° | 116.6 | 4.1 |
| 160°-170° | 68.6 | 2.4 |
| 170°-180° | 22.3 | 0.8 |
| 0°-30° | 393.8 | 13.8 |
| 0°-40° | 630.3 | 22.1 |
| 0°-60° | 1003.6 | 35.2 |
| 0°-90° | 1177.5 | 41.3 |
| 90°-120° | 821.6 | 28.8 |
| 90°-150° | 1465.3 | 51.4 |
| 90°-180° | 1673.0 | 58.7 |
| 0°-180° | 2850.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 465 | 465 | 465 | 465 | 465 | |
| 5° | 538 | 465 | 411 | 465 | 538 | 54 |
| 15° | 712 | 445 | 306 | 445 | 712 | 203 |
| 25° | 768 | 407 | 241 | 407 | 768 | 341 |
| 35° | 473 | 353 | 201 | 353 | 473 | 297 |
| 45° | 242 | 283 | 169 | 283 | 242 | 192 |
| 55° | 144 | 203 | 126 | 203 | 144 | 131 |
| 65° | 84 | 127 | 71 | 127 | 84 | 85 |
| 75° | 39 | 63 | 33 | 63 | 39 | 43 |
| 85° | 9 | 14 | 9 | 14 | 9 | 11 |
| 90° | 10 | 0 | 10 | 0 | 10 | 8 |
| 95° | 110 | 15 | 110 | 15 | 110 | 171 |
| 105° | 636 | 53 | 636 | 53 | 636 | 629 |
| 115° | 610 | 93 | 610 | 93 | 610 | 606 |
| 125° | 487 | 130 | 487 | 130 | 487 | 443 |
| 135° | 436 | 154 | 436 | 154 | 436 | 336 |
| 145° | 356 | 178 | 356 | 178 | 356 | 225 |
| 155° | 298 | 202 | 298 | 202 | 298 | 139 |
| 165° | 260 | 220 | 260 | 220 | 260 | 74 |
| 175° | 234 | 230 | 234 | 230 | 234 | 23 |
| 180° | 230 | 230 | 230 | 230 | 230 | |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 490.8 | 492.2 | 490.8 | 490.7 | 489.2 | 488.7 | 488.1 | 486.2 | 482.6 | 480.5 | 480.9 |
| 5° | 537.7 | 542.4 | 539.8 | 539.4 | 535.3 | 531.2 | 528.5 | 522.5 | 516.1 | 511.8 | 508.3 |
| 7.5° | 591.9 | 594.6 | 592.9 | 590.3 | 583.7 | 579.9 | 573.8 | 565.9 | 554.4 | 545.7 | 537.7 |
| 10° | 628.8 | 631.1 | 630.3 | 625.4 | 620.6 | 610.6 | 605.0 | 594.0 | 579.5 | 568.1 | 557.4 |
| 12.5° | 665.1 | 667.5 | 660.9 | 661.2 | 651.9 | 644.0 | 635.2 | 621.2 | 604.6 | 589.9 | 576.5 |
| 15° | 712.4 | 709.4 | 709.4 | 705.7 | 695.4 | 684.5 | 675.3 | 660.7 | 639.7 | 622.1 | 603.5 |
| 17.5° | 749.5 | 750.5 | 749.0 | 740.1 | 732.1 | 720.8 | 703.9 | 686.9 | 667.4 | 643.7 | 624.8 |
| 20° | 771.7 | 771.7 | 770.0 | 764.0 | 753.5 | 741.5 | 723.3 | 704.7 | 680.0 | 656.2 | 634.9 |
| 22.5° | 780.7 | 781.3 | 779.3 | 774.4 | 764.9 | 753.2 | 737.7 | 718.8 | 693.3 | 666.5 | 640.1 |
| 25° | 768.3 | 771.9 | 772.2 | 771.0 | 768.1 | 761.0 | 747.7 | 728.4 | 705.5 | 676.4 | 647.9 |
| 27.5° | 705.4 | 709.9 | 713.8 | 720.3 | 729.0 | 733.4 | 734.0 | 724.2 | 704.3 | 676.3 | 647.6 |
| 30° | 642.7 | 646.4 | 658.6 | 674.5 | 686.9 | 698.2 | 708.0 | 710.6 | 699.3 | 674.2 | 644.0 |
| 32.5° | 573.1 | 578.2 | 590.4 | 607.5 | 628.1 | 647.2 | 669.1 | 680.2 | 679.9 | 664.9 | 637.0 |
| 35° | 473.2 | 477.0 | 488.2 | 506.2 | 530.9 | 559.3 | 594.0 | 620.9 | 639.3 | 638.0 | 620.9 |
| 37.5° | 381.7 | 385.9 | 397.2 | 412.2 | 436.2 | 471.2 | 504.8 | 542.0 | 575.9 | 595.0 | 589.3 |
| 40° | 331.8 | 332.0 | 343.1 | 358.5 | 381.0 | 411.5 | 448.1 | 489.3 | 527.2 | 558.2 | 564.1 |
| 42.5° | 292.6 | 292.6 | 299.9 | 316.5 | 332.6 | 361.4 | 396.3 | 437.3 | 481.6 | 517.4 | 533.2 |
| 45° | 241.9 | 243.5 | 249.5 | 259.4 | 272.2 | 296.6 | 324.6 | 362.6 | 412.3 | 454.6 | 481.1 |
| 47.5° | 204.8 | 207.3 | 211.1 | 219.2 | 229.3 | 245.6 | 268.7 | 302.9 | 343.3 | 389.9 | 427.5 |
| 50° | 185.6 | 186.0 | 190.8 | 195.4 | 204.1 | 217.1 | 237.3 | 265.9 | 303.0 | 347.8 | 389.6 |
| 52.5° | 169.1 | 169.1 | 172.0 | 177.7 | 184.8 | 194.9 | 211.3 | 237.2 | 270.1 | 310.3 | 353.5 |
| 55° | 144.3 | 145.3 | 147.6 | 152.0 | 157.5 | 164.6 | 177.5 | 197.0 | 222.9 | 257.2 | 296.4 |
| 57.5° | 125.6 | 126.0 | 127.8 | 129.7 | 134.7 | 139.9 | 149.6 | 163.1 | 184.9 | 213.0 | 249.5 |
| 60° | 113.2 | 113.4 | 114.0 | 116.8 | 120.7 | 125.6 | 132.2 | 143.6 | 162.0 | 187.7 | 216.6 |
| 62.5° | 101.2 | 101.6 | 102.4 | 104.5 | 107.6 | 110.9 | 117.8 | 127.0 | 142.2 | 164.1 | 190.1 |
| 65° | 84.4 | 84.5 | 85.9 | 86.6 | 89.0 | 92.1 | 97.1 | 103.3 | 113.8 | 132.2 | 151.9 |
| 67.5° | 70.5 | 70.5 | 70.6 | 71.6 | 73.3 | 75.3 | 78.3 | 83.3 | 91.2 | 102.4 | 119.8 |
| 70° | 61.5 | 61.5 | 61.9 | 62.4 | 63.4 | 65.0 | 66.8 | 70.5 | 76.3 | 85.5 | 98.8 |
| 72.5° | 53.1 | 53.2 | 53.6 | 53.7 | 54.2 | 55.6 | 56.9 | 59.3 | 63.5 | 70.5 | 81.3 |
| 75° | 39.0 | 39.5 | 40.5 | 41.3 | 42.2 | 42.0 | 43.3 | 44.8 | 46.1 | 50.2 | 56.4 |
| 77.5° | 29.0 | 28.8 | 28.8 | 29.5 | 29.5 | 29.8 | 30.7 | 31.8 | 32.9 | 34.8 | 37.0 |
| 80° | 22.1 | 22.1 | 22.7 | 22.9 | 22.7 | 22.9 | 23.8 | 24.4 | 24.7 | 25.5 | 27.6 |
| 82.5° | 16.7 | 17.0 | 16.9 | 17.0 | 17.1 | 17.3 | 18.1 | 18.2 | 18.6 | 18.9 | 19.7 |
| 85° | 9.3 | 9.6 | 9.7 | 9.3 | 9.3 | 9.3 | 9.7 | 9.9 | 10.3 | 10.1 | 10.5 |
| 87.5° | 5.2 | 5.1 | 5.3 | 5.2 | 5.2 | 5.1 | 5.1 | 5.4 | 5.0 | 5.2 | 5.1 |
| 90° | 9.5 | 9.5 | 9.9 | 9.5 | 9.0 | 9.0 | 8.6 | 8.2 | 7.7 | 8.2 | 7.2 |
| 92.5° | 34.8 | 34.8 | 36.4 | 38.7 | 44.1 | 53.2 | 66.8 | 88.7 | 119.4 | 143.3 | 125.5 |
| 95° | 110.3 | 116.1 | 124.3 | 138.3 | 160.4 | 204.2 | 264.8 | 334.9 | 378.7 | 368.3 | 277.9 |
| 97.5° | 294.7 | 304.1 | 317.7 | 344.9 | 377.3 | 424.5 | 468.7 | 494.7 | 475.8 | 387.9 | 260.2 |
| 100° | 414.4 | 418.0 | 431.6 | 459.1 | 498.4 | 531.9 | 554.1 | 545.0 | 479.0 | 363.3 | 235.9 |
| 102.5° | 518.5 | 521.4 | 535.7 | 555.6 | 579.8 | 593.7 | 587.3 | 542.5 | 451.9 | 332.6 | 219.6 |
| 105° | 635.8 | 638.5 | 644.8 | 648.5 | 647.6 | 629.1 | 584.3 | 506.1 | 402.7 | 296.4 | 205.7 |
| 107.5° | 679.4 | 678.2 | 673.7 | 663.4 | 641.0 | 600.8 | 537.7 | 454.6 | 362.9 | 276.2 | 203.1 |
| 110° | 680.1 | 676.0 | 667.9 | 649.0 | 616.9 | 567.1 | 501.6 | 423.4 | 343.0 | 269.3 | 203.8 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 658.8 | 652.2 | 640.8 | 617.8 | 581.4 | 531.7 | 469.8 | 400.7 | 331.8 | 266.1 | 206.0 |
| 115° | 610.5 | 606.9 | 592.5 | 565.3 | 529.7 | 486.2 | 433.4 | 377.8 | 321.3 | 264.4 | 210.2 |
| 117.5° | 561.7 | 558.8 | 544.2 | 521.4 | 490.9 | 454.2 | 412.6 | 366.5 | 316.6 | 263.9 | 214.5 |
| 120° | 534.2 | 529.2 | 517.5 | 497.6 | 471.7 | 439.7 | 403.5 | 361.6 | 314.1 | 263.9 | 217.9 |
| 122.5° | 512.5 | 507.5 | 497.6 | 480.5 | 458.8 | 430.6 | 397.8 | 357.2 | 311.2 | 263.6 | 221.1 |
| 125° | 487.1 | 484.4 | 475.9 | 462.7 | 444.7 | 419.8 | 388.6 | 349.7 | 306.4 | 263.0 | 225.9 |
| 127.5° | 472.3 | 469.6 | 462.4 | 450.8 | 432.5 | 409.0 | 377.9 | 340.7 | 300.0 | 262.0 | 229.8 |
| 130° | 463.7 | 461.0 | 453.7 | 442.4 | 423.9 | 399.9 | 369.2 | 333.5 | 296.0 | 261.7 | 232.7 |
| 132.5° | 453.9 | 451.1 | 444.3 | 431.6 | 413.4 | 389.4 | 359.4 | 325.9 | 292.4 | 261.3 | 235.3 |
| 135° | 435.6 | 432.9 | 425.7 | 413.0 | 395.0 | 372.3 | 344.8 | 315.4 | 286.9 | 260.7 | 239.1 |
| 137.5° | 413.0 | 409.8 | 403.9 | 391.3 | 374.5 | 354.0 | 330.8 | 305.9 | 282.3 | 260.6 | 241.3 |
| 140° | 396.8 | 393.2 | 386.8 | 376.9 | 361.1 | 342.1 | 321.8 | 300.5 | 279.7 | 260.3 | 243.1 |
| 142.5° | 379.4 | 376.9 | 371.3 | 362.0 | 348.1 | 331.6 | 314.2 | 295.5 | 277.6 | 260.3 | 244.5 |
| 145° | 355.6 | 353.4 | 348.9 | 341.2 | 329.9 | 317.3 | 303.6 | 288.3 | 273.9 | 259.4 | 245.4 |
| 147.5° | 334.6 | 333.7 | 330.3 | 323.8 | 315.4 | 305.5 | 294.6 | 282.4 | 270.5 | 257.8 | 245.8 |
| 150° | 322.7 | 322.2 | 319.5 | 313.6 | 306.4 | 298.3 | 289.2 | 278.8 | 268.0 | 256.7 | 245.8 |
| 152.5° | 311.8 | 311.3 | 309.7 | 304.9 | 298.8 | 292.1 | 283.8 | 274.8 | 265.1 | 254.8 | 245.1 |
| 155° | 297.8 | 297.8 | 296.4 | 292.9 | 288.3 | 282.9 | 276.1 | 268.9 | 260.7 | 252.2 | 244.0 |
| 157.5° | 285.5 | 285.5 | 284.7 | 282.0 | 278.5 | 274.2 | 268.5 | 262.4 | 256.4 | 249.4 | 242.9 |
| 160° | 277.9 | 277.9 | 277.5 | 274.7 | 272.0 | 268.4 | 263.5 | 258.5 | 253.1 | 247.2 | 241.8 |
| 162.5° | 270.7 | 271.1 | 270.6 | 267.9 | 265.9 | 262.6 | 258.7 | 254.5 | 250.2 | 245.0 | 240.7 |
| 165° | 259.8 | 260.3 | 260.7 | 259.0 | 257.1 | 254.8 | 251.7 | 249.0 | 245.4 | 241.8 | 238.6 |
| 167.5° | 251.3 | 251.6 | 251.7 | 250.6 | 249.6 | 248.3 | 245.7 | 243.7 | 241.1 | 238.5 | 236.5 |
| 170° | 245.8 | 245.8 | 246.3 | 245.8 | 244.9 | 243.6 | 241.8 | 240.4 | 238.1 | 236.3 | 235.0 |
| 172.5° | 240.4 | 241.1 | 241.6 | 241.1 | 240.6 | 239.6 | 238.5 | 237.5 | 235.6 | 234.2 | 233.5 |
| 175° | 234.1 | 235.0 | 235.9 | 235.0 | 235.0 | 235.0 | 234.1 | 233.6 | 232.7 | 231.8 | 231.8 |
| 177.5° | 230.4 | 231.1 | 231.8 | 231.5 | 231.8 | 231.5 | 231.5 | 231.1 | 230.8 | 230.4 | 230.4 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 479.4 | 477.4 | 476.3 | 473.9 | 471.0 | 469.5 | 468.2 | 466.2 | 463.7 | 461.0 | 459.1 |
| 5° | 503.7 | 499.2 | 493.6 | 486.9 | 480.9 | 475.1 | 470.0 | 464.9 | 459.1 | 453.1 | 447.2 |
| 7.5° | 528.7 | 519.9 | 510.3 | 499.2 | 488.5 | 478.7 | 469.7 | 461.1 | 451.4 | 442.6 | 434.7 |
| 10° | 546.1 | 534.2 | 520.9 | 506.8 | 492.7 | 480.5 | 468.5 | 457.6 | 445.7 | 435.0 | 426.0 |
| 12.5° | 560.2 | 546.1 | 530.1 | 512.6 | 495.7 | 480.9 | 467.1 | 453.0 | 439.3 | 427.8 | 415.7 |
| 15° | 583.6 | 564.4 | 542.8 | 521.7 | 499.9 | 479.7 | 461.2 | 444.7 | 429.1 | 412.8 | 401.4 |
| 17.5° | 599.8 | 576.8 | 550.6 | 525.4 | 499.5 | 475.8 | 454.4 | 434.7 | 416.8 | 400.1 | 386.5 |
| 20° | 609.3 | 584.0 | 554.9 | 526.2 | 497.2 | 471.9 | 448.9 | 427.1 | 408.5 | 390.5 | 376.4 |
| 22.5° | 614.7 | 586.7 | 554.9 | 524.9 | 494.8 | 467.4 | 442.1 | 419.5 | 399.3 | 381.2 | 365.7 |
| 25° | 616.5 | 586.5 | 554.1 | 519.5 | 486.6 | 457.5 | 431.2 | 406.6 | 384.1 | 366.1 | 349.7 |
| 27.5° | 614.0 | 578.7 | 545.5 | 510.1 | 476.0 | 445.4 | 417.9 | 392.1 | 369.6 | 350.2 | 333.3 |
| 30° | 610.5 | 572.6 | 536.9 | 500.2 | 465.7 | 436.3 | 407.2 | 382.5 | 359.0 | 339.0 | 321.9 |
| 32.5° | 602.6 | 565.1 | 526.7 | 489.1 | 454.2 | 423.8 | 396.2 | 371.4 | 348.4 | 327.9 | 309.7 |
| 35° | 587.2 | 549.1 | 507.6 | 468.9 | 434.6 | 403.1 | 377.2 | 353.2 | 331.3 | 309.3 | 290.3 |
| 37.5° | 566.8 | 528.0 | 486.6 | 444.3 | 409.9 | 380.2 | 356.5 | 333.9 | 312.5 | 292.5 | 271.3 |
| 40° | 547.6 | 512.2 | 469.4 | 427.5 | 392.2 | 363.5 | 341.6 | 321.2 | 299.6 | 279.7 | 258.6 |
| 42.5° | 524.4 | 494.2 | 451.0 | 408.8 | 374.1 | 346.4 | 326.0 | 306.0 | 286.4 | 267.1 | 245.0 |
| 45° | 485.6 | 462.7 | 422.2 | 381.8 | 346.7 | 319.2 | 300.6 | 282.9 | 265.7 | 247.3 | 226.5 |
| 47.5° | 441.1 | 425.6 | 390.7 | 349.2 | 316.8 | 292.2 | 274.0 | 259.6 | 245.0 | 226.6 | 208.4 |
| 50° | 410.2 | 400.3 | 366.5 | 328.7 | 297.7 | 275.0 | 256.5 | 243.0 | 230.8 | 213.2 | 196.9 |
| 52.5° | 377.2 | 371.9 | 343.4 | 307.2 | 277.3 | 255.1 | 239.2 | 227.1 | 214.8 | 200.1 | 184.9 |
| 55° | 326.9 | 329.8 | 305.6 | 274.3 | 246.1 | 227.4 | 213.0 | 202.9 | 192.3 | 180.0 | 168.2 |
| 57.5° | 275.6 | 285.9 | 269.7 | 242.2 | 215.8 | 198.4 | 187.6 | 179.1 | 170.2 | 160.0 | 149.9 |
| 60° | 244.9 | 253.5 | 244.3 | 220.1 | 197.0 | 180.9 | 170.8 | 164.2 | 155.4 | 146.1 | 138.4 |
| 62.5° | 214.8 | 224.1 | 218.6 | 199.1 | 177.7 | 163.8 | 154.9 | 148.8 | 142.2 | 134.0 | 126.0 |
| 65° | 177.2 | 183.2 | 180.5 | 167.1 | 151.9 | 140.1 | 131.8 | 127.3 | 121.3 | 115.3 | 108.2 |
| 67.5° | 135.7 | 147.3 | 145.8 | 138.6 | 125.5 | 116.2 | 110.8 | 106.9 | 101.4 | 97.0 | 92.1 |
| 70° | 111.5 | 122.2 | 122.1 | 116.2 | 109.1 | 100.5 | 96.7 | 93.4 | 88.5 | 84.2 | 80.2 |
| 72.5° | 91.3 | 101.1 | 102.6 | 98.1 | 93.2 | 86.7 | 83.1 | 80.8 | 76.0 | 73.1 | 69.9 |
| 75° | 63.9 | 71.1 | 73.0 | 73.0 | 70.7 | 67.3 | 64.1 | 62.6 | 59.3 | 56.6 | 54.7 |
| 77.5° | 41.9 | 46.4 | 49.4 | 50.0 | 50.4 | 49.2 | 46.6 | 45.6 | 42.9 | 42.1 | 40.2 |
| 80° | 29.6 | 32.6 | 36.0 | 37.2 | 38.0 | 37.7 | 36.6 | 35.8 | 33.4 | 32.4 | 31.7 |
| 82.5° | 20.4 | 22.1 | 24.9 | 27.4 | 27.1 | 28.1 | 27.1 | 26.5 | 24.6 | 24.3 | 23.6 |
| 85° | 10.7 | 10.9 | 11.2 | 12.9 | 13.9 | 14.3 | 14.4 | 14.1 | 13.5 | 13.5 | 12.2 |
| 87.5° | 4.8 | 4.8 | 4.4 | 4.4 | 4.5 | 5.1 | 5.2 | 5.2 | 4.9 | 4.8 | 4.4 |
| 90° | 6.3 | 6.3 | 3.6 | 3.6 | 3.2 | 2.7 | 1.3 | 0.5 | 1.3 | 2.7 | 3.2 |
| 92.5° | 91.3 | 56.2 | 33.3 | 23.8 | 17.3 | 11.7 | 7.5 | 5.1 | 7.5 | 11.7 | 17.3 |
| 95° | 169.9 | 95.8 | 56.5 | 37.5 | 26.7 | 20.8 | 16.2 | 14.9 | 16.2 | 20.8 | 26.7 |
| 97.5° | 152.7 | 91.6 | 61.3 | 45.4 | 36.0 | 30.7 | 26.8 | 26.8 | 26.8 | 30.7 | 36.0 |
| 100° | 143.7 | 92.6 | 66.0 | 51.5 | 42.9 | 37.5 | 34.4 | 34.4 | 34.4 | 37.5 | 42.9 |
| 102.5° | 141.2 | 96.3 | 72.1 | 58.4 | 50.1 | 45.1 | 42.3 | 41.6 | 42.3 | 45.1 | 50.1 |
| 105° | 142.4 | 104.8 | 83.2 | 70.0 | 61.9 | 56.5 | 54.3 | 52.8 | 54.3 | 56.5 | 61.9 |
| 107.5° | 149.0 | 114.9 | 95.0 | 82.1 | 74.3 | 68.5 | 66.2 | 65.4 | 66.2 | 68.5 | 74.3 |
| 110° | 154.1 | 122.5 | 102.6 | 90.4 | 82.2 | 76.8 | 74.5 | 73.7 | 74.5 | 76.8 | 82.2 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 159.5 | 129.7 | 110.5 | 98.3 | 90.2 | 85.2 | 82.5 | 81.6 | 82.5 | 85.2 | 90.2 |
| 115° | 168.1 | 141.0 | 122.9 | 110.7 | 102.1 | 97.6 | 94.4 | 93.1 | 94.4 | 97.6 | 102.1 |
| 117.5° | 176.9 | 151.9 | 134.8 | 122.1 | 114.1 | 109.1 | 106.3 | 105.0 | 106.3 | 109.1 | 114.1 |
| 120° | 183.0 | 159.5 | 142.4 | 129.7 | 122.0 | 117.0 | 113.9 | 113.0 | 113.9 | 117.0 | 122.0 |
| 122.5° | 188.8 | 166.8 | 149.6 | 137.3 | 128.9 | 124.3 | 121.1 | 120.2 | 121.1 | 124.3 | 128.9 |
| 125° | 197.5 | 176.7 | 160.4 | 147.7 | 139.2 | 134.2 | 131.5 | 129.7 | 131.5 | 134.2 | 139.2 |
| 127.5° | 205.0 | 185.9 | 170.2 | 157.4 | 148.5 | 142.8 | 139.6 | 138.1 | 139.6 | 142.8 | 148.5 |
| 130° | 209.7 | 192.0 | 176.7 | 163.6 | 155.0 | 148.2 | 144.6 | 142.8 | 144.6 | 148.2 | 155.0 |
| 132.5° | 214.4 | 197.1 | 181.7 | 169.4 | 160.1 | 153.7 | 148.9 | 147.5 | 148.9 | 153.7 | 160.1 |
| 135° | 220.5 | 204.2 | 189.3 | 177.6 | 168.1 | 160.4 | 155.9 | 154.1 | 155.9 | 160.4 | 168.1 |
| 137.5° | 224.9 | 209.7 | 195.7 | 184.6 | 174.7 | 167.4 | 162.4 | 160.7 | 162.4 | 167.4 | 174.7 |
| 140° | 227.8 | 213.3 | 199.7 | 188.9 | 179.4 | 171.7 | 166.8 | 165.4 | 166.8 | 171.7 | 179.4 |
| 142.5° | 229.9 | 216.6 | 203.4 | 192.9 | 183.7 | 176.4 | 171.8 | 170.5 | 171.8 | 176.4 | 183.7 |
| 145° | 232.3 | 220.1 | 208.3 | 198.4 | 189.8 | 183.5 | 179.0 | 177.6 | 179.0 | 183.5 | 189.8 |
| 147.5° | 234.3 | 223.7 | 212.7 | 203.7 | 196.5 | 190.0 | 186.1 | 185.6 | 186.1 | 190.0 | 196.5 |
| 150° | 235.4 | 225.5 | 215.6 | 207.0 | 200.2 | 194.8 | 191.2 | 190.7 | 191.2 | 194.8 | 200.2 |
| 152.5° | 236.1 | 227.0 | 218.1 | 210.2 | 204.1 | 199.1 | 195.5 | 195.4 | 195.5 | 199.1 | 204.1 |
| 155° | 236.8 | 229.1 | 221.4 | 214.7 | 209.7 | 205.2 | 202.5 | 202.0 | 202.5 | 205.2 | 209.7 |
| 157.5° | 236.8 | 230.7 | 224.1 | 218.8 | 214.4 | 211.0 | 208.4 | 208.4 | 208.4 | 211.0 | 214.4 |
| 160° | 236.8 | 231.4 | 225.9 | 220.9 | 217.4 | 214.2 | 212.4 | 212.4 | 212.4 | 214.2 | 217.4 |
| 162.5° | 236.8 | 232.1 | 227.0 | 223.2 | 219.9 | 217.1 | 215.6 | 216.0 | 215.6 | 217.1 | 219.9 |
| 165° | 235.9 | 232.3 | 228.2 | 225.5 | 223.2 | 220.9 | 220.1 | 220.1 | 220.1 | 220.9 | 223.2 |
| 167.5° | 234.8 | 232.2 | 229.2 | 227.1 | 225.9 | 224.1 | 223.7 | 224.1 | 223.7 | 224.1 | 225.9 |
| 170° | 234.1 | 231.8 | 229.6 | 228.2 | 227.3 | 225.9 | 225.5 | 225.9 | 225.5 | 225.9 | 227.3 |
| 172.5° | 233.4 | 231.5 | 229.9 | 228.9 | 228.4 | 227.4 | 227.3 | 227.8 | 227.3 | 227.4 | 228.4 |
| 175° | 232.3 | 230.9 | 230.0 | 230.0 | 229.6 | 229.1 | 229.1 | 229.6 | 229.1 | 229.1 | 229.6 |
| 177.5° | 231.1 | 230.4 | 230.0 | 230.0 | 230.0 | 229.7 | 230.0 | 230.4 | 230.0 | 229.7 | 230.0 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 456.9 | 455.4 | 453.5 | 451.2 | 448.5 | 446.2 | 445.0 | 446.0 | 446.5 | 445.2 | 445.0 |
| 5° | 443.0 | 438.3 | 434.6 | 429.0 | 424.5 | 420.7 | 418.1 | 416.9 | 417.3 | 414.3 | 413.6 |
| 7.5° | 427.4 | 421.8 | 415.7 | 409.0 | 402.8 | 397.3 | 394.4 | 392.8 | 389.6 | 388.2 | 386.0 |
| 10° | 417.3 | 409.9 | 403.9 | 395.9 | 388.8 | 382.3 | 379.1 | 376.4 | 373.3 | 371.8 | 368.6 |
| 12.5° | 407.0 | 398.3 | 391.7 | 383.5 | 376.2 | 368.4 | 365.3 | 360.4 | 355.5 | 352.3 | 348.2 |
| 15° | 392.4 | 381.9 | 373.8 | 364.1 | 355.5 | 346.5 | 338.4 | 329.4 | 326.1 | 318.9 | 314.8 |
| 17.5° | 375.3 | 364.7 | 354.7 | 341.7 | 328.4 | 317.1 | 308.6 | 299.9 | 294.8 | 290.3 | 288.1 |
| 20° | 364.1 | 354.3 | 340.5 | 325.3 | 310.5 | 298.1 | 291.1 | 285.5 | 279.9 | 276.7 | 274.5 |
| 22.5° | 353.5 | 341.0 | 324.9 | 308.5 | 293.7 | 284.0 | 278.1 | 272.4 | 267.8 | 264.7 | 261.7 |
| 25° | 335.6 | 319.2 | 302.2 | 283.4 | 273.4 | 264.9 | 258.6 | 253.8 | 251.0 | 247.1 | 245.6 |
| 27.5° | 317.3 | 297.5 | 278.7 | 266.1 | 255.6 | 247.8 | 242.2 | 238.8 | 235.2 | 232.7 | 230.7 |
| 30° | 303.2 | 283.1 | 266.3 | 254.2 | 243.5 | 237.2 | 232.7 | 228.5 | 225.7 | 223.6 | 222.2 |
| 32.5° | 289.2 | 269.2 | 255.0 | 242.1 | 233.6 | 227.4 | 222.6 | 219.5 | 217.3 | 214.7 | 213.7 |
| 35° | 269.0 | 251.2 | 238.8 | 227.2 | 218.6 | 213.0 | 209.2 | 206.0 | 204.1 | 203.4 | 202.9 |
| 37.5° | 249.6 | 235.0 | 221.7 | 212.2 | 204.5 | 200.1 | 195.7 | 194.1 | 192.8 | 191.5 | 192.1 |
| 40° | 237.3 | 223.6 | 211.8 | 201.8 | 195.5 | 190.7 | 188.1 | 186.2 | 185.1 | 185.1 | 185.1 |
| 42.5° | 226.7 | 213.3 | 201.8 | 192.7 | 186.6 | 182.4 | 179.5 | 177.9 | 177.5 | 177.4 | 178.3 |
| 45° | 210.2 | 197.8 | 186.2 | 178.6 | 173.4 | 169.3 | 167.6 | 166.3 | 166.3 | 167.1 | 167.2 |
| 47.5° | 193.8 | 182.2 | 172.9 | 164.5 | 159.6 | 157.1 | 155.6 | 155.0 | 155.0 | 155.7 | 156.6 |
| 50° | 183.7 | 172.3 | 163.1 | 155.6 | 151.1 | 148.7 | 147.3 | 146.9 | 147.3 | 147.3 | 148.7 |
| 52.5° | 172.8 | 162.6 | 153.5 | 147.2 | 142.1 | 139.8 | 139.1 | 138.6 | 138.8 | 139.4 | 140.0 |
| 55° | 156.8 | 147.6 | 138.9 | 132.9 | 129.2 | 127.7 | 126.0 | 126.2 | 125.8 | 126.2 | 126.2 |
| 57.5° | 140.6 | 132.4 | 124.4 | 119.6 | 116.3 | 114.2 | 112.3 | 112.8 | 112.3 | 112.2 | 111.9 |
| 60° | 130.3 | 121.3 | 114.9 | 110.6 | 106.9 | 105.0 | 103.3 | 103.7 | 103.1 | 102.7 | 102.0 |
| 62.5° | 119.1 | 111.5 | 105.4 | 101.3 | 98.3 | 96.2 | 94.4 | 94.1 | 92.8 | 91.5 | 89.8 |
| 65° | 102.7 | 96.6 | 91.1 | 87.2 | 84.4 | 82.7 | 81.4 | 80.2 | 77.4 | 74.5 | 73.0 |
| 67.5° | 86.9 | 82.4 | 77.3 | 74.0 | 71.7 | 69.6 | 67.0 | 65.1 | 62.5 | 60.8 | 59.9 |
| 70° | 76.7 | 72.4 | 68.0 | 64.9 | 62.4 | 60.4 | 57.6 | 56.2 | 54.3 | 53.6 | 52.7 |
| 72.5° | 66.9 | 62.9 | 58.9 | 56.0 | 53.5 | 51.8 | 49.6 | 48.3 | 47.5 | 47.1 | 46.3 |
| 75° | 52.1 | 49.0 | 45.9 | 43.3 | 41.3 | 40.1 | 39.2 | 38.3 | 37.9 | 36.2 | 35.3 |
| 77.5° | 38.0 | 35.9 | 34.1 | 32.2 | 30.7 | 29.9 | 28.1 | 27.1 | 26.5 | 25.7 | 25.4 |
| 80° | 29.6 | 28.1 | 26.2 | 25.1 | 23.1 | 22.3 | 21.5 | 21.4 | 21.2 | 21.0 | 20.8 |
| 82.5° | 22.3 | 20.8 | 18.9 | 18.2 | 17.7 | 17.2 | 16.8 | 16.6 | 16.4 | 16.5 | 16.5 |
| 85° | 11.2 | 10.5 | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.7 | 9.6 | 9.7 | 9.6 |
| 87.5° | 4.4 | 4.4 | 4.8 | 4.6 | 4.9 | 5.1 | 4.8 | 4.9 | 5.1 | 5.0 | 5.0 |
| 90° | 3.6 | 3.6 | 6.3 | 6.3 | 7.2 | 8.2 | 7.7 | 8.2 | 8.6 | 9.0 | 9.0 |
| 92.5° | 23.8 | 33.3 | 56.2 | 91.3 | 125.5 | 143.3 | 119.4 | 88.7 | 66.8 | 53.2 | 44.1 |
| 95° | 37.5 | 56.5 | 95.8 | 169.9 | 277.9 | 368.3 | 378.7 | 334.9 | 264.8 | 204.2 | 160.4 |
| 97.5° | 45.4 | 61.3 | 91.6 | 152.7 | 260.2 | 387.9 | 475.8 | 494.7 | 468.7 | 424.5 | 377.3 |
| 100° | 51.5 | 66.0 | 92.6 | 143.7 | 235.9 | 363.3 | 479.0 | 545.0 | 554.1 | 531.9 | 498.4 |
| 102.5° | 58.4 | 72.1 | 96.3 | 141.2 | 219.6 | 332.6 | 451.9 | 542.5 | 587.3 | 593.7 | 579.8 |
| 105° | 70.0 | 83.2 | 104.8 | 142.4 | 205.7 | 296.4 | 402.7 | 506.1 | 584.3 | 629.1 | 647.6 |
| 107.5° | 82.1 | 95.0 | 114.9 | 149.0 | 203.1 | 276.2 | 362.9 | 454.6 | 537.7 | 600.8 | 641.0 |
| 110° | 90.4 | 102.6 | 122.5 | 154.1 | 203.8 | 269.3 | 343.0 | 423.4 | 501.6 | 567.1 | 616.9 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 98.3 | 110.5 | 129.7 | 159.5 | 206.0 | 266.1 | 331.8 | 400.7 | 469.8 | 531.7 | 581.4 |
| 115° | 110.7 | 122.9 | 141.0 | 168.1 | 210.2 | 264.4 | 321.3 | 377.8 | 433.4 | 486.2 | 529.7 |
| 117.5° | 122.1 | 134.8 | 151.9 | 176.9 | 214.5 | 263.9 | 316.6 | 366.5 | 412.6 | 454.2 | 490.9 |
| 120° | 129.7 | 142.4 | 159.5 | 183.0 | 217.9 | 263.9 | 314.1 | 361.6 | 403.5 | 439.7 | 471.7 |
| 122.5° | 137.3 | 149.6 | 166.8 | 188.8 | 221.1 | 263.6 | 311.2 | 357.2 | 397.8 | 430.6 | 458.8 |
| 125° | 147.7 | 160.4 | 176.7 | 197.5 | 225.9 | 263.0 | 306.4 | 349.7 | 388.6 | 419.8 | 444.7 |
| 127.5° | 157.4 | 170.2 | 185.9 | 205.0 | 229.8 | 262.0 | 300.0 | 340.7 | 377.9 | 409.0 | 432.5 |
| 130° | 163.6 | 176.7 | 192.0 | 209.7 | 232.7 | 261.7 | 296.0 | 333.5 | 369.2 | 399.9 | 423.9 |
| 132.5° | 169.4 | 181.7 | 197.1 | 214.4 | 235.3 | 261.3 | 292.4 | 325.9 | 359.4 | 389.4 | 413.4 |
| 135° | 177.6 | 189.3 | 204.2 | 220.5 | 239.1 | 260.7 | 286.9 | 315.4 | 344.8 | 372.3 | 395.0 |
| 137.5° | 184.6 | 195.7 | 209.7 | 224.9 | 241.3 | 260.6 | 282.3 | 305.9 | 330.8 | 354.0 | 374.5 |
| 140° | 188.9 | 199.7 | 213.3 | 227.8 | 243.1 | 260.3 | 279.7 | 300.5 | 321.8 | 342.1 | 361.1 |
| 142.5° | 192.9 | 203.4 | 216.6 | 229.9 | 244.5 | 260.3 | 277.6 | 295.5 | 314.2 | 331.6 | 348.1 |
| 145° | 198.4 | 208.3 | 220.1 | 232.3 | 245.4 | 259.4 | 273.9 | 288.3 | 303.6 | 317.3 | 329.9 |
| 147.5° | 203.7 | 212.7 | 223.7 | 234.3 | 245.8 | 257.8 | 270.5 | 282.4 | 294.6 | 305.5 | 315.4 |
| 150° | 207.0 | 215.6 | 225.5 | 235.4 | 245.8 | 256.7 | 268.0 | 278.8 | 289.2 | 298.3 | 306.4 |
| 152.5° | 210.2 | 218.1 | 227.0 | 236.1 | 245.1 | 254.8 | 265.1 | 274.8 | 283.8 | 292.1 | 298.8 |
| 155° | 214.7 | 221.4 | 229.1 | 236.8 | 244.0 | 252.2 | 260.7 | 268.9 | 276.1 | 282.9 | 288.3 |
| 157.5° | 218.8 | 224.1 | 230.7 | 236.8 | 242.9 | 249.4 | 256.4 | 262.4 | 268.5 | 274.2 | 278.5 |
| 160° | 220.9 | 225.9 | 231.4 | 236.8 | 241.8 | 247.2 | 253.1 | 258.5 | 263.5 | 268.4 | 272.0 |
| 162.5° | 223.2 | 227.0 | 232.1 | 236.8 | 240.7 | 245.0 | 250.2 | 254.5 | 258.7 | 262.6 | 265.9 |
| 165° | 225.5 | 228.2 | 232.3 | 235.9 | 238.6 | 241.8 | 245.4 | 249.0 | 251.7 | 254.8 | 257.1 |
| 167.5° | 227.1 | 229.2 | 232.2 | 234.8 | 236.5 | 238.5 | 241.1 | 243.7 | 245.7 | 248.3 | 249.6 |
| 170° | 228.2 | 229.6 | 231.8 | 234.1 | 235.0 | 236.3 | 238.1 | 240.4 | 241.8 | 243.6 | 244.9 |
| 172.5° | 228.9 | 229.9 | 231.5 | 233.4 | 233.5 | 234.2 | 235.6 | 237.5 | 238.5 | 239.6 | 240.6 |
| 175° | 230.0 | 230.0 | 230.9 | 232.3 | 231.8 | 231.8 | 232.7 | 233.6 | 234.1 | 235.0 | 235.0 |
| 177.5° | 230.0 | 230.0 | 230.4 | 231.1 | 230.4 | 230.4 | 230.8 | 231.1 | 231.5 | 231.5 | 231.8 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 444.2 | 444.5 | 443.5 | 443.1 | 443.5 | 444.5 | 444.2 | 445.0 | 445.2 | 446.5 | 446.0 |
| 5° | 412.1 | 411.7 | 410.7 | 411.0 | 410.7 | 411.7 | 412.1 | 413.6 | 414.3 | 417.3 | 416.9 |
| 7.5° | 384.6 | 383.2 | 383.6 | 382.1 | 383.6 | 383.2 | 384.6 | 386.0 | 388.2 | 389.6 | 392.8 |
| 10° | 367.8 | 365.8 | 364.1 | 362.6 | 364.1 | 365.8 | 367.8 | 368.6 | 371.8 | 373.3 | 376.4 |
| 12.5° | 344.9 | 343.1 | 340.9 | 341.3 | 340.9 | 343.1 | 344.9 | 348.2 | 352.3 | 355.5 | 360.4 |
| 15° | 312.4 | 309.5 | 305.1 | 305.6 | 305.1 | 309.5 | 312.4 | 314.8 | 318.9 | 326.1 | 329.4 |
| 17.5° | 284.8 | 284.8 | 282.7 | 283.3 | 282.7 | 284.8 | 284.8 | 288.1 | 290.3 | 294.8 | 299.9 |
| 20° | 270.5 | 269.3 | 269.4 | 268.9 | 269.4 | 269.3 | 270.5 | 274.5 | 276.7 | 279.9 | 285.5 |
| 22.5° | 260.6 | 259.0 | 257.7 | 256.6 | 257.7 | 259.0 | 260.6 | 261.7 | 264.7 | 267.8 | 272.4 |
| 25° | 243.9 | 242.8 | 241.1 | 240.7 | 241.1 | 242.8 | 243.9 | 245.6 | 247.1 | 251.0 | 253.8 |
| 27.5° | 229.2 | 229.0 | 228.3 | 227.4 | 228.3 | 229.0 | 229.2 | 230.7 | 232.7 | 235.2 | 238.8 |
| 30° | 220.7 | 220.3 | 219.9 | 219.4 | 219.9 | 220.3 | 220.7 | 222.2 | 223.6 | 225.7 | 228.5 |
| 32.5° | 213.0 | 212.8 | 212.4 | 212.5 | 212.4 | 212.8 | 213.0 | 213.7 | 214.7 | 217.3 | 219.5 |
| 35° | 202.1 | 201.9 | 201.5 | 201.4 | 201.5 | 201.9 | 202.1 | 202.9 | 203.4 | 204.1 | 206.0 |
| 37.5° | 191.9 | 192.4 | 192.2 | 192.1 | 192.2 | 192.4 | 191.9 | 192.1 | 191.5 | 192.8 | 194.1 |
| 40° | 184.9 | 185.1 | 185.4 | 185.2 | 185.4 | 185.1 | 184.9 | 185.1 | 185.1 | 185.1 | 186.2 |
| 42.5° | 179.0 | 179.0 | 179.6 | 179.0 | 179.6 | 179.0 | 179.0 | 178.3 | 177.4 | 177.5 | 177.9 |
| 45° | 168.6 | 169.7 | 169.4 | 169.4 | 169.4 | 169.7 | 168.6 | 167.2 | 167.1 | 166.3 | 166.3 |
| 47.5° | 157.1 | 158.1 | 158.4 | 158.3 | 158.4 | 158.1 | 157.1 | 156.6 | 155.7 | 155.0 | 155.0 |
| 50° | 149.6 | 149.2 | 149.8 | 149.6 | 149.8 | 149.2 | 149.6 | 148.7 | 147.3 | 147.3 | 146.9 |
| 52.5° | 140.5 | 140.5 | 140.5 | 140.3 | 140.5 | 140.5 | 140.5 | 140.0 | 139.4 | 138.8 | 138.6 |
| 55° | 126.4 | 126.6 | 126.2 | 126.4 | 126.2 | 126.6 | 126.4 | 126.2 | 126.2 | 125.8 | 126.2 |
| 57.5° | 111.1 | 110.2 | 110.5 | 110.1 | 110.5 | 110.2 | 111.1 | 111.9 | 112.2 | 112.3 | 112.8 |
| 60° | 100.1 | 98.6 | 98.2 | 97.5 | 98.2 | 98.6 | 100.1 | 102.0 | 102.7 | 103.1 | 103.7 |
| 62.5° | 87.9 | 86.7 | 85.5 | 86.1 | 85.5 | 86.7 | 87.9 | 89.8 | 91.5 | 92.8 | 94.1 |
| 65° | 71.5 | 70.7 | 70.1 | 70.9 | 70.1 | 70.7 | 71.5 | 73.0 | 74.5 | 77.4 | 80.2 |
| 67.5° | 59.1 | 58.7 | 58.7 | 58.4 | 58.7 | 58.7 | 59.1 | 59.9 | 60.8 | 62.5 | 65.1 |
| 70° | 52.7 | 52.1 | 52.1 | 51.7 | 52.1 | 52.1 | 52.7 | 52.7 | 53.6 | 54.3 | 56.2 |
| 72.5° | 46.1 | 45.6 | 45.7 | 45.5 | 45.7 | 45.6 | 46.1 | 46.3 | 47.1 | 47.5 | 48.3 |
| 75° | 34.1 | 33.2 | 33.2 | 33.4 | 33.2 | 33.2 | 34.1 | 35.3 | 36.2 | 37.9 | 38.3 |
| 77.5° | 25.4 | 25.3 | 25.5 | 25.2 | 25.5 | 25.3 | 25.4 | 25.4 | 25.7 | 26.5 | 27.1 |
| 80° | 20.8 | 20.6 | 20.4 | 21.0 | 20.4 | 20.6 | 20.8 | 20.8 | 21.0 | 21.2 | 21.4 |
| 82.5° | 16.2 | 16.2 | 16.1 | 16.8 | 16.1 | 16.2 | 16.2 | 16.5 | 16.5 | 16.4 | 16.6 |
| 85° | 9.7 | 9.3 | 9.7 | 9.3 | 9.7 | 9.3 | 9.7 | 9.6 | 9.7 | 9.6 | 9.7 |
| 87.5° | 5.4 | 5.3 | 5.1 | 5.2 | 5.1 | 5.3 | 5.4 | 5.0 | 5.0 | 5.1 | 4.9 |
| 90° | 9.5 | 9.9 | 9.5 | 9.5 | 9.5 | 9.9 | 9.5 | 9.0 | 9.0 | 8.6 | 8.2 |
| 92.5° | 38.7 | 36.4 | 34.8 | 34.8 | 34.8 | 36.4 | 38.7 | 44.1 | 53.2 | 66.8 | 88.7 |
| 95° | 138.3 | 124.3 | 116.1 | 110.3 | 116.1 | 124.3 | 138.3 | 160.4 | 204.2 | 264.8 | 334.9 |
| 97.5° | 344.9 | 317.7 | 304.1 | 294.7 | 304.1 | 317.7 | 344.9 | 377.3 | 424.5 | 468.7 | 494.7 |
| 100° | 459.1 | 431.6 | 418.0 | 414.4 | 418.0 | 431.6 | 459.1 | 498.4 | 531.9 | 554.1 | 545.0 |
| 102.5° | 555.6 | 535.7 | 521.4 | 518.5 | 521.4 | 535.7 | 555.6 | 579.8 | 593.7 | 587.3 | 542.5 |
| 105° | 648.5 | 644.8 | 638.5 | 635.8 | 638.5 | 644.8 | 648.5 | 647.6 | 629.1 | 584.3 | 506.1 |
| 107.5° | 663.4 | 673.7 | 678.2 | 679.4 | 678.2 | 673.7 | 663.4 | 641.0 | 600.8 | 537.7 | 454.6 |
| 110° | 649.0 | 667.9 | 676.0 | 680.1 | 676.0 | 667.9 | 649.0 | 616.9 | 567.1 | 501.6 | 423.4 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 617.8 | 640.8 | 652.2 | 658.8 | 652.2 | 640.8 | 617.8 | 581.4 | 531.7 | 469.8 | 400.7 |
| 115° | 565.3 | 592.5 | 606.9 | 610.5 | 606.9 | 592.5 | 565.3 | 529.7 | 486.2 | 433.4 | 377.8 |
| 117.5° | 521.4 | 544.2 | 558.8 | 561.7 | 558.8 | 544.2 | 521.4 | 490.9 | 454.2 | 412.6 | 366.5 |
| 120° | 497.6 | 517.5 | 529.2 | 534.2 | 529.2 | 517.5 | 497.6 | 471.7 | 439.7 | 403.5 | 361.6 |
| 122.5° | 480.5 | 497.6 | 507.5 | 512.5 | 507.5 | 497.6 | 480.5 | 458.8 | 430.6 | 397.8 | 357.2 |
| 125° | 462.7 | 475.9 | 484.4 | 487.1 | 484.4 | 475.9 | 462.7 | 444.7 | 419.8 | 388.6 | 349.7 |
| 127.5° | 450.8 | 462.4 | 469.6 | 472.3 | 469.6 | 462.4 | 450.8 | 432.5 | 409.0 | 377.9 | 340.7 |
| 130° | 442.4 | 453.7 | 461.0 | 463.7 | 461.0 | 453.7 | 442.4 | 423.9 | 399.9 | 369.2 | 333.5 |
| 132.5° | 431.6 | 444.3 | 451.1 | 453.9 | 451.1 | 444.3 | 431.6 | 413.4 | 389.4 | 359.4 | 325.9 |
| 135° | 413.0 | 425.7 | 432.9 | 435.6 | 432.9 | 425.7 | 413.0 | 395.0 | 372.3 | 344.8 | 315.4 |
| 137.5° | 391.3 | 403.9 | 409.8 | 413.0 | 409.8 | 403.9 | 391.3 | 374.5 | 354.0 | 330.8 | 305.9 |
| 140° | 376.9 | 386.8 | 393.2 | 396.8 | 393.2 | 386.8 | 376.9 | 361.1 | 342.1 | 321.8 | 300.5 |
| 142.5° | 362.0 | 371.3 | 376.9 | 379.4 | 376.9 | 371.3 | 362.0 | 348.1 | 331.6 | 314.2 | 295.5 |
| 145° | 341.2 | 348.9 | 353.4 | 355.6 | 353.4 | 348.9 | 341.2 | 329.9 | 317.3 | 303.6 | 288.3 |
| 147.5° | 323.8 | 330.3 | 333.7 | 334.6 | 333.7 | 330.3 | 323.8 | 315.4 | 305.5 | 294.6 | 282.4 |
| 150° | 313.6 | 319.5 | 322.2 | 322.7 | 322.2 | 319.5 | 313.6 | 306.4 | 298.3 | 289.2 | 278.8 |
| 152.5° | 304.9 | 309.7 | 311.3 | 311.8 | 311.3 | 309.7 | 304.9 | 298.8 | 292.1 | 283.8 | 274.8 |
| 155° | 292.9 | 296.4 | 297.8 | 297.8 | 297.8 | 296.4 | 292.9 | 288.3 | 282.9 | 276.1 | 268.9 |
| 157.5° | 282.0 | 284.7 | 285.5 | 285.5 | 285.5 | 284.7 | 282.0 | 278.5 | 274.2 | 268.5 | 262.4 |
| 160° | 274.7 | 277.5 | 277.9 | 277.9 | 277.9 | 277.5 | 274.7 | 272.0 | 268.4 | 263.5 | 258.5 |
| 162.5° | 267.9 | 270.6 | 271.1 | 270.7 | 271.1 | 270.6 | 267.9 | 265.9 | 262.6 | 258.7 | 254.5 |
| 165° | 259.0 | 260.7 | 260.3 | 259.8 | 260.3 | 260.7 | 259.0 | 257.1 | 254.8 | 251.7 | 249.0 |
| 167.5° | 250.6 | 251.7 | 251.6 | 251.3 | 251.6 | 251.7 | 250.6 | 249.6 | 248.3 | 245.7 | 243.7 |
| 170° | 245.8 | 246.3 | 245.8 | 245.8 | 245.8 | 246.3 | 245.8 | 244.9 | 243.6 | 241.8 | 240.4 |
| 172.5° | 241.1 | 241.6 | 241.1 | 240.4 | 241.1 | 241.6 | 241.1 | 240.6 | 239.6 | 238.5 | 237.5 |
| 175° | 235.0 | 235.9 | 235.0 | 234.1 | 235.0 | 235.9 | 235.0 | 235.0 | 235.0 | 234.1 | 233.6 |
| 177.5° | 231.5 | 231.8 | 231.1 | 230.4 | 231.1 | 231.8 | 231.5 | 231.8 | 231.5 | 231.5 | 231.1 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 445.0 | 446.2 | 448.5 | 451.2 | 453.5 | 455.4 | 456.9 | 459.1 | 461.0 | 463.7 | 466.2 |
| 5° | 418.1 | 420.7 | 424.5 | 429.0 | 434.6 | 438.3 | 443.0 | 447.2 | 453.1 | 459.1 | 464.9 |
| 7.5° | 394.4 | 397.3 | 402.8 | 409.0 | 415.7 | 421.8 | 427.4 | 434.7 | 442.6 | 451.4 | 461.1 |
| 10° | 379.1 | 382.3 | 388.8 | 395.9 | 403.9 | 409.9 | 417.3 | 426.0 | 435.0 | 445.7 | 457.6 |
| 12.5° | 365.3 | 368.4 | 376.2 | 383.5 | 391.7 | 398.3 | 407.0 | 415.7 | 427.8 | 439.3 | 453.0 |
| 15° | 338.4 | 346.5 | 355.5 | 364.1 | 373.8 | 381.9 | 392.4 | 401.4 | 412.8 | 429.1 | 444.7 |
| 17.5° | 308.6 | 317.1 | 328.4 | 341.7 | 354.7 | 364.7 | 375.3 | 386.5 | 400.1 | 416.8 | 434.7 |
| 20° | 291.1 | 298.1 | 310.5 | 325.3 | 340.5 | 354.3 | 364.1 | 376.4 | 390.5 | 408.5 | 427.1 |
| 22.5° | 278.1 | 284.0 | 293.7 | 308.5 | 324.9 | 341.0 | 353.5 | 365.7 | 381.2 | 399.3 | 419.5 |
| 25° | 258.6 | 264.9 | 273.4 | 283.4 | 302.2 | 319.2 | 335.6 | 349.7 | 366.1 | 384.1 | 406.6 |
| 27.5° | 242.2 | 247.8 | 255.6 | 266.1 | 278.7 | 297.5 | 317.3 | 333.3 | 350.2 | 369.6 | 392.1 |
| 30° | 232.7 | 237.2 | 243.5 | 254.2 | 266.3 | 283.1 | 303.2 | 321.9 | 339.0 | 359.0 | 382.5 |
| 32.5° | 222.6 | 227.4 | 233.6 | 242.1 | 255.0 | 269.2 | 289.2 | 309.7 | 327.9 | 348.4 | 371.4 |
| 35° | 209.2 | 213.0 | 218.6 | 227.2 | 238.8 | 251.2 | 269.0 | 290.3 | 309.3 | 331.3 | 353.2 |
| 37.5° | 195.7 | 200.1 | 204.5 | 212.2 | 221.7 | 235.0 | 249.6 | 271.3 | 292.5 | 312.5 | 333.9 |
| 40° | 188.1 | 190.7 | 195.5 | 201.8 | 211.8 | 223.6 | 237.3 | 258.6 | 279.7 | 299.6 | 321.2 |
| 42.5° | 179.5 | 182.4 | 186.6 | 192.7 | 201.8 | 213.3 | 226.7 | 245.0 | 267.1 | 286.4 | 306.0 |
| 45° | 167.6 | 169.3 | 173.4 | 178.6 | 186.2 | 197.8 | 210.2 | 226.5 | 247.3 | 265.7 | 282.9 |
| 47.5° | 155.6 | 157.1 | 159.6 | 164.5 | 172.9 | 182.2 | 193.8 | 208.4 | 226.6 | 245.0 | 259.6 |
| 50° | 147.3 | 148.7 | 151.1 | 155.6 | 163.1 | 172.3 | 183.7 | 196.9 | 213.2 | 230.8 | 243.0 |
| 52.5° | 139.1 | 139.8 | 142.1 | 147.2 | 153.5 | 162.6 | 172.8 | 184.9 | 200.1 | 214.8 | 227.1 |
| 55° | 126.0 | 127.7 | 129.2 | 132.9 | 138.9 | 147.6 | 156.8 | 168.2 | 180.0 | 192.3 | 202.9 |
| 57.5° | 112.3 | 114.2 | 116.3 | 119.6 | 124.4 | 132.4 | 140.6 | 149.9 | 160.0 | 170.2 | 179.1 |
| 60° | 103.3 | 105.0 | 106.9 | 110.6 | 114.9 | 121.3 | 130.3 | 138.4 | 146.1 | 155.4 | 164.2 |
| 62.5° | 94.4 | 96.2 | 98.3 | 101.3 | 105.4 | 111.5 | 119.1 | 126.0 | 134.0 | 142.2 | 148.8 |
| 65° | 81.4 | 82.7 | 84.4 | 87.2 | 91.1 | 96.6 | 102.7 | 108.2 | 115.3 | 121.3 | 127.3 |
| 67.5° | 67.0 | 69.6 | 71.7 | 74.0 | 77.3 | 82.4 | 86.9 | 92.1 | 97.0 | 101.4 | 106.9 |
| 70° | 57.6 | 60.4 | 62.4 | 64.9 | 68.0 | 72.4 | 76.7 | 80.2 | 84.2 | 88.5 | 93.4 |
| 72.5° | 49.6 | 51.8 | 53.5 | 56.0 | 58.9 | 62.9 | 66.9 | 69.9 | 73.1 | 76.0 | 80.8 |
| 75° | 39.2 | 40.1 | 41.3 | 43.3 | 45.9 | 49.0 | 52.1 | 54.7 | 56.6 | 59.3 | 62.6 |
| 77.5° | 28.1 | 29.9 | 30.7 | 32.2 | 34.1 | 35.9 | 38.0 | 40.2 | 42.1 | 42.9 | 45.6 |
| 80° | 21.5 | 22.3 | 23.1 | 25.1 | 26.2 | 28.1 | 29.6 | 31.7 | 32.4 | 33.4 | 35.8 |
| 82.5° | 16.8 | 17.2 | 17.7 | 18.2 | 18.9 | 20.8 | 22.3 | 23.6 | 24.3 | 24.6 | 26.5 |
| 85° | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 10.5 | 11.2 | 12.2 | 13.5 | 13.5 | 14.1 |
| 87.5° | 4.8 | 5.1 | 4.9 | 4.6 | 4.8 | 4.4 | 4.4 | 4.4 | 4.8 | 4.9 | 5.2 |
| 90° | 7.7 | 8.2 | 7.2 | 6.3 | 6.3 | 3.6 | 3.6 | 3.2 | 2.7 | 1.3 | 0.5 |
| 92.5° | 119.4 | 143.3 | 125.5 | 91.3 | 56.2 | 33.3 | 23.8 | 17.3 | 11.7 | 7.5 | 5.1 |
| 95° | 378.7 | 368.3 | 277.9 | 169.9 | 95.8 | 56.5 | 37.5 | 26.7 | 20.8 | 16.2 | 14.9 |
| 97.5° | 475.8 | 387.9 | 260.2 | 152.7 | 91.6 | 61.3 | 45.4 | 36.0 | 30.7 | 26.8 | 26.8 |
| 100° | 479.0 | 363.3 | 235.9 | 143.7 | 92.6 | 66.0 | 51.5 | 42.9 | 37.5 | 34.4 | 34.4 |
| 102.5° | 451.9 | 332.6 | 219.6 | 141.2 | 96.3 | 72.1 | 58.4 | 50.1 | 45.1 | 42.3 | 41.6 |
| 105° | 402.7 | 296.4 | 205.7 | 142.4 | 104.8 | 83.2 | 70.0 | 61.9 | 56.5 | 54.3 | 52.8 |
| 107.5° | 362.9 | 276.2 | 203.1 | 149.0 | 114.9 | 95.0 | 82.1 | 74.3 | 68.5 | 66.2 | 65.4 |
| 110° | 343.0 | 269.3 | 203.8 | 154.1 | 122.5 | 102.6 | 90.4 | 82.2 | 76.8 | 74.5 | 73.7 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 331.8 | 266.1 | 206.0 | 159.5 | 129.7 | 110.5 | 98.3 | 90.2 | 85.2 | 82.5 | 81.6 |
| 115° | 321.3 | 264.4 | 210.2 | 168.1 | 141.0 | 122.9 | 110.7 | 102.1 | 97.6 | 94.4 | 93.1 |
| 117.5° | 316.6 | 263.9 | 214.5 | 176.9 | 151.9 | 134.8 | 122.1 | 114.1 | 109.1 | 106.3 | 105.0 |
| 120° | 314.1 | 263.9 | 217.9 | 183.0 | 159.5 | 142.4 | 129.7 | 122.0 | 117.0 | 113.9 | 113.0 |
| 122.5° | 311.2 | 263.6 | 221.1 | 188.8 | 166.8 | 149.6 | 137.3 | 128.9 | 124.3 | 121.1 | 120.2 |
| 125° | 306.4 | 263.0 | 225.9 | 197.5 | 176.7 | 160.4 | 147.7 | 139.2 | 134.2 | 131.5 | 129.7 |
| 127.5° | 300.0 | 262.0 | 229.8 | 205.0 | 185.9 | 170.2 | 157.4 | 148.5 | 142.8 | 139.6 | 138.1 |
| 130° | 296.0 | 261.7 | 232.7 | 209.7 | 192.0 | 176.7 | 163.6 | 155.0 | 148.2 | 144.6 | 142.8 |
| 132.5° | 292.4 | 261.3 | 235.3 | 214.4 | 197.1 | 181.7 | 169.4 | 160.1 | 153.7 | 148.9 | 147.5 |
| 135° | 286.9 | 260.7 | 239.1 | 220.5 | 204.2 | 189.3 | 177.6 | 168.1 | 160.4 | 155.9 | 154.1 |
| 137.5° | 282.3 | 260.6 | 241.3 | 224.9 | 209.7 | 195.7 | 184.6 | 174.7 | 167.4 | 162.4 | 160.7 |
| 140° | 279.7 | 260.3 | 243.1 | 227.8 | 213.3 | 199.7 | 188.9 | 179.4 | 171.7 | 166.8 | 165.4 |
| 142.5° | 277.6 | 260.3 | 244.5 | 229.9 | 216.6 | 203.4 | 192.9 | 183.7 | 176.4 | 171.8 | 170.5 |
| 145° | 273.9 | 259.4 | 245.4 | 232.3 | 220.1 | 208.3 | 198.4 | 189.8 | 183.5 | 179.0 | 177.6 |
| 147.5° | 270.5 | 257.8 | 245.8 | 234.3 | 223.7 | 212.7 | 203.7 | 196.5 | 190.0 | 186.1 | 185.6 |
| 150° | 268.0 | 256.7 | 245.8 | 235.4 | 225.5 | 215.6 | 207.0 | 200.2 | 194.8 | 191.2 | 190.7 |
| 152.5° | 265.1 | 254.8 | 245.1 | 236.1 | 227.0 | 218.1 | 210.2 | 204.1 | 199.1 | 195.5 | 195.4 |
| 155° | 260.7 | 252.2 | 244.0 | 236.8 | 229.1 | 221.4 | 214.7 | 209.7 | 205.2 | 202.5 | 202.0 |
| 157.5° | 256.4 | 249.4 | 242.9 | 236.8 | 230.7 | 224.1 | 218.8 | 214.4 | 211.0 | 208.4 | 208.4 |
| 160° | 253.1 | 247.2 | 241.8 | 236.8 | 231.4 | 225.9 | 220.9 | 217.4 | 214.2 | 212.4 | 212.4 |
| 162.5° | 250.2 | 245.0 | 240.7 | 236.8 | 232.1 | 227.0 | 223.2 | 219.9 | 217.1 | 215.6 | 216.0 |
| 165° | 245.4 | 241.8 | 238.6 | 235.9 | 232.3 | 228.2 | 225.5 | 223.2 | 220.9 | 220.1 | 220.1 |
| 167.5° | 241.1 | 238.5 | 236.5 | 234.8 | 232.2 | 229.2 | 227.1 | 225.9 | 224.1 | 223.7 | 224.1 |
| 170° | 238.1 | 236.3 | 235.0 | 234.1 | 231.8 | 229.6 | 228.2 | 227.3 | 225.9 | 225.5 | 225.9 |
| 172.5° | 235.6 | 234.2 | 233.5 | 233.4 | 231.5 | 229.9 | 228.9 | 228.4 | 227.4 | 227.3 | 227.8 |
| 175° | 232.7 | 231.8 | 231.8 | 232.3 | 230.9 | 230.0 | 230.0 | 229.6 | 229.1 | 229.1 | 229.6 |
| 177.5° | 230.8 | 230.4 | 230.4 | 231.1 | 230.4 | 230.0 | 230.0 | 230.0 | 229.7 | 230.0 | 230.4 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 468.2 | 469.5 | 471.0 | 473.9 | 476.3 | 477.4 | 479.4 | 480.9 | 480.5 | 482.6 | 486.2 |
| 5° | 470.0 | 475.1 | 480.9 | 486.9 | 493.6 | 499.2 | 503.7 | 508.3 | 511.8 | 516.1 | 522.5 |
| 7.5° | 469.7 | 478.7 | 488.5 | 499.2 | 510.3 | 519.9 | 528.7 | 537.7 | 545.7 | 554.4 | 565.9 |
| 10° | 468.5 | 480.5 | 492.7 | 506.8 | 520.9 | 534.2 | 546.1 | 557.4 | 568.1 | 579.5 | 594.0 |
| 12.5° | 467.1 | 480.9 | 495.7 | 512.6 | 530.1 | 546.1 | 560.2 | 576.5 | 589.9 | 604.6 | 621.2 |
| 15° | 461.2 | 479.7 | 499.9 | 521.7 | 542.8 | 564.4 | 583.6 | 603.5 | 622.1 | 639.7 | 660.7 |
| 17.5° | 454.4 | 475.8 | 499.5 | 525.4 | 550.6 | 576.8 | 599.8 | 624.8 | 643.7 | 667.4 | 686.9 |
| 20° | 448.9 | 471.9 | 497.2 | 526.2 | 554.9 | 584.0 | 609.3 | 634.9 | 656.2 | 680.0 | 704.7 |
| 22.5° | 442.1 | 467.4 | 494.8 | 524.9 | 554.9 | 586.7 | 614.7 | 640.1 | 666.5 | 693.3 | 718.8 |
| 25° | 431.2 | 457.5 | 486.6 | 519.5 | 554.1 | 586.5 | 616.5 | 647.9 | 676.4 | 705.5 | 728.4 |
| 27.5° | 417.9 | 445.4 | 476.0 | 510.1 | 545.5 | 578.7 | 614.0 | 647.6 | 676.3 | 704.3 | 724.2 |
| 30° | 407.2 | 436.3 | 465.7 | 500.2 | 536.9 | 572.6 | 610.5 | 644.0 | 674.2 | 699.3 | 710.6 |
| 32.5° | 396.2 | 423.8 | 454.2 | 489.1 | 526.7 | 565.1 | 602.6 | 637.0 | 664.9 | 679.9 | 680.2 |
| 35° | 377.2 | 403.1 | 434.6 | 468.9 | 507.6 | 549.1 | 587.2 | 620.9 | 638.0 | 639.3 | 620.9 |
| 37.5° | 356.5 | 380.2 | 409.9 | 444.3 | 486.6 | 528.0 | 566.8 | 589.3 | 595.0 | 575.9 | 542.0 |
| 40° | 341.6 | 363.5 | 392.2 | 427.5 | 469.4 | 512.2 | 547.6 | 564.1 | 558.2 | 527.2 | 489.3 |
| 42.5° | 326.0 | 346.4 | 374.1 | 408.8 | 451.0 | 494.2 | 524.4 | 533.2 | 517.4 | 481.6 | 437.3 |
| 45° | 300.6 | 319.2 | 346.7 | 381.8 | 422.2 | 462.7 | 485.6 | 481.1 | 454.6 | 412.3 | 362.6 |
| 47.5° | 274.0 | 292.2 | 316.8 | 349.2 | 390.7 | 425.6 | 441.1 | 427.5 | 389.9 | 343.3 | 302.9 |
| 50° | 256.5 | 275.0 | 297.7 | 328.7 | 366.5 | 400.3 | 410.2 | 389.6 | 347.8 | 303.0 | 265.9 |
| 52.5° | 239.2 | 255.1 | 277.3 | 307.2 | 343.4 | 371.9 | 377.2 | 353.5 | 310.3 | 270.1 | 237.2 |
| 55° | 213.0 | 227.4 | 246.1 | 274.3 | 305.6 | 329.8 | 326.9 | 296.4 | 257.2 | 222.9 | 197.0 |
| 57.5° | 187.6 | 198.4 | 215.8 | 242.2 | 269.7 | 285.9 | 275.6 | 249.5 | 213.0 | 184.9 | 163.1 |
| 60° | 170.8 | 180.9 | 197.0 | 220.1 | 244.3 | 253.5 | 244.9 | 216.6 | 187.7 | 162.0 | 143.6 |
| 62.5° | 154.9 | 163.8 | 177.7 | 199.1 | 218.6 | 224.1 | 214.8 | 190.1 | 164.1 | 142.2 | 127.0 |
| 65° | 131.8 | 140.1 | 151.9 | 167.1 | 180.5 | 183.2 | 177.2 | 151.9 | 132.2 | 113.8 | 103.3 |
| 67.5° | 110.8 | 116.2 | 125.5 | 138.6 | 145.8 | 147.3 | 135.7 | 119.8 | 102.4 | 91.2 | 83.3 |
| 70° | 96.7 | 100.5 | 109.1 | 116.2 | 122.1 | 122.2 | 111.5 | 98.8 | 85.5 | 76.3 | 70.5 |
| 72.5° | 83.1 | 86.7 | 93.2 | 98.1 | 102.6 | 101.1 | 91.3 | 81.3 | 70.5 | 63.5 | 59.3 |
| 75° | 64.1 | 67.3 | 70.7 | 73.0 | 73.0 | 71.1 | 63.9 | 56.4 | 50.2 | 46.1 | 44.8 |
| 77.5° | 46.6 | 49.2 | 50.4 | 50.0 | 49.4 | 46.4 | 41.9 | 37.0 | 34.8 | 32.9 | 31.8 |
| 80° | 36.6 | 37.7 | 38.0 | 37.2 | 36.0 | 32.6 | 29.6 | 27.6 | 25.5 | 24.7 | 24.4 |
| 82.5° | 27.1 | 28.1 | 27.1 | 27.4 | 24.9 | 22.1 | 20.4 | 19.7 | 18.9 | 18.6 | 18.2 |
| 85° | 14.4 | 14.3 | 13.9 | 12.9 | 11.2 | 10.9 | 10.7 | 10.5 | 10.1 | 10.3 | 9.9 |
| 87.5° | 5.2 | 5.1 | 4.5 | 4.4 | 4.4 | 4.8 | 4.8 | 5.1 | 5.2 | 5.0 | 5.4 |
| 90° | 1.3 | 2.7 | 3.2 | 3.6 | 3.6 | 6.3 | 6.3 | 7.2 | 8.2 | 7.7 | 8.2 |
| 92.5° | 7.5 | 11.7 | 17.3 | 23.8 | 33.3 | 56.2 | 91.3 | 125.5 | 143.3 | 119.4 | 88.7 |
| 95° | 16.2 | 20.8 | 26.7 | 37.5 | 56.5 | 95.8 | 169.9 | 277.9 | 368.3 | 378.7 | 334.9 |
| 97.5° | 26.8 | 30.7 | 36.0 | 45.4 | 61.3 | 91.6 | 152.7 | 260.2 | 387.9 | 475.8 | 494.7 |
| 100° | 34.4 | 37.5 | 42.9 | 51.5 | 66.0 | 92.6 | 143.7 | 235.9 | 363.3 | 479.0 | 545.0 |
| 102.5° | 42.3 | 45.1 | 50.1 | 58.4 | 72.1 | 96.3 | 141.2 | 219.6 | 332.6 | 451.9 | 542.5 |
| 105° | 54.3 | 56.5 | 61.9 | 70.0 | 83.2 | 104.8 | 142.4 | 205.7 | 296.4 | 402.7 | 506.1 |
| 107.5° | 66.2 | 68.5 | 74.3 | 82.1 | 95.0 | 114.9 | 149.0 | 203.1 | 276.2 | 362.9 | 454.6 |
| 110° | 74.5 | 76.8 | 82.2 | 90.4 | 102.6 | 122.5 | 154.1 | 203.8 | 269.3 | 343.0 | 423.4 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 82.5 | 85.2 | 90.2 | 98.3 | 110.5 | 129.7 | 159.5 | 206.0 | 266.1 | 331.8 | 400.7 |
| 115° | 94.4 | 97.6 | 102.1 | 110.7 | 122.9 | 141.0 | 168.1 | 210.2 | 264.4 | 321.3 | 377.8 |
| 117.5° | 106.3 | 109.1 | 114.1 | 122.1 | 134.8 | 151.9 | 176.9 | 214.5 | 263.9 | 316.6 | 366.5 |
| 120° | 113.9 | 117.0 | 122.0 | 129.7 | 142.4 | 159.5 | 183.0 | 217.9 | 263.9 | 314.1 | 361.6 |
| 122.5° | 121.1 | 124.3 | 128.9 | 137.3 | 149.6 | 166.8 | 188.8 | 221.1 | 263.6 | 311.2 | 357.2 |
| 125° | 131.5 | 134.2 | 139.2 | 147.7 | 160.4 | 176.7 | 197.5 | 225.9 | 263.0 | 306.4 | 349.7 |
| 127.5° | 139.6 | 142.8 | 148.5 | 157.4 | 170.2 | 185.9 | 205.0 | 229.8 | 262.0 | 300.0 | 340.7 |
| 130° | 144.6 | 148.2 | 155.0 | 163.6 | 176.7 | 192.0 | 209.7 | 232.7 | 261.7 | 296.0 | 333.5 |
| 132.5° | 148.9 | 153.7 | 160.1 | 169.4 | 181.7 | 197.1 | 214.4 | 235.3 | 261.3 | 292.4 | 325.9 |
| 135° | 155.9 | 160.4 | 168.1 | 177.6 | 189.3 | 204.2 | 220.5 | 239.1 | 260.7 | 286.9 | 315.4 |
| 137.5° | 162.4 | 167.4 | 174.7 | 184.6 | 195.7 | 209.7 | 224.9 | 241.3 | 260.6 | 282.3 | 305.9 |
| 140° | 166.8 | 171.7 | 179.4 | 188.9 | 199.7 | 213.3 | 227.8 | 243.1 | 260.3 | 279.7 | 300.5 |
| 142.5° | 171.8 | 176.4 | 183.7 | 192.9 | 203.4 | 216.6 | 229.9 | 244.5 | 260.3 | 277.6 | 295.5 |
| 145° | 179.0 | 183.5 | 189.8 | 198.4 | 208.3 | 220.1 | 232.3 | 245.4 | 259.4 | 273.9 | 288.3 |
| 147.5° | 186.1 | 190.0 | 196.5 | 203.7 | 212.7 | 223.7 | 234.3 | 245.8 | 257.8 | 270.5 | 282.4 |
| 150° | 191.2 | 194.8 | 200.2 | 207.0 | 215.6 | 225.5 | 235.4 | 245.8 | 256.7 | 268.0 | 278.8 |
| 152.5° | 195.5 | 199.1 | 204.1 | 210.2 | 218.1 | 227.0 | 236.1 | 245.1 | 254.8 | 265.1 | 274.8 |
| 155° | 202.5 | 205.2 | 209.7 | 214.7 | 221.4 | 229.1 | 236.8 | 244.0 | 252.2 | 260.7 | 268.9 |
| 157.5° | 208.4 | 211.0 | 214.4 | 218.8 | 224.1 | 230.7 | 236.8 | 242.9 | 249.4 | 256.4 | 262.4 |
| 160° | 212.4 | 214.2 | 217.4 | 220.9 | 225.9 | 231.4 | 236.8 | 241.8 | 247.2 | 253.1 | 258.5 |
| 162.5° | 215.6 | 217.1 | 219.9 | 223.2 | 227.0 | 232.1 | 236.8 | 240.7 | 245.0 | 250.2 | 254.5 |
| 165° | 220.1 | 220.9 | 223.2 | 225.5 | 228.2 | 232.3 | 235.9 | 238.6 | 241.8 | 245.4 | 249.0 |
| 167.5° | 223.7 | 224.1 | 225.9 | 227.1 | 229.2 | 232.2 | 234.8 | 236.5 | 238.5 | 241.1 | 243.7 |
| 170° | 225.5 | 225.9 | 227.3 | 228.2 | 229.6 | 231.8 | 234.1 | 235.0 | 236.3 | 238.1 | 240.4 |
| 172.5° | 227.3 | 227.4 | 228.4 | 228.9 | 229.9 | 231.5 | 233.4 | 233.5 | 234.2 | 235.6 | 237.5 |
| 175° | 229.1 | 229.1 | 229.6 | 230.0 | 230.0 | 230.9 | 232.3 | 231.8 | 231.8 | 232.7 | 233.6 |
| 177.5° | 230.0 | 229.7 | 230.0 | 230.0 | 230.0 | 230.4 | 231.1 | 230.4 | 230.4 | 230.8 | 231.1 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 | 465.3 |
| 2.5° | 488.1 | 488.7 | 489.2 | 490.7 | 490.8 | 492.2 | 490.8 |
| 5° | 528.5 | 531.2 | 535.3 | 539.4 | 539.8 | 542.4 | 537.7 |
| 7.5° | 573.8 | 579.9 | 583.7 | 590.3 | 592.9 | 594.6 | 591.9 |
| 10° | 605.0 | 610.6 | 620.6 | 625.4 | 630.3 | 631.1 | 628.8 |
| 12.5° | 635.2 | 644.0 | 651.9 | 661.2 | 660.9 | 667.5 | 665.1 |
| 15° | 675.3 | 684.5 | 695.4 | 705.7 | 709.4 | 709.4 | 712.4 |
| 17.5° | 703.9 | 720.8 | 732.1 | 740.1 | 749.0 | 750.5 | 749.5 |
| 20° | 723.3 | 741.5 | 753.5 | 764.0 | 770.0 | 771.7 | 771.7 |
| 22.5° | 737.7 | 753.2 | 764.9 | 774.4 | 779.3 | 781.3 | 780.7 |
| 25° | 747.7 | 761.0 | 768.1 | 771.0 | 772.2 | 771.9 | 768.3 |
| 27.5° | 734.0 | 733.4 | 729.0 | 720.3 | 713.8 | 709.9 | 705.4 |
| 30° | 708.0 | 698.2 | 686.9 | 674.5 | 658.6 | 646.4 | 642.7 |
| 32.5° | 669.1 | 647.2 | 628.1 | 607.5 | 590.4 | 578.2 | 573.1 |
| 35° | 594.0 | 559.3 | 530.9 | 506.2 | 488.2 | 477.0 | 473.2 |
| 37.5° | 504.8 | 471.2 | 436.2 | 412.2 | 397.2 | 385.9 | 381.7 |
| 40° | 448.1 | 411.5 | 381.0 | 358.5 | 343.1 | 332.0 | 331.8 |
| 42.5° | 396.3 | 361.4 | 332.6 | 316.5 | 299.9 | 292.6 | 292.6 |
| 45° | 324.6 | 296.6 | 272.2 | 259.4 | 249.5 | 243.5 | 241.9 |
| 47.5° | 268.7 | 245.6 | 229.3 | 219.2 | 211.1 | 207.3 | 204.8 |
| 50° | 237.3 | 217.1 | 204.1 | 195.4 | 190.8 | 186.0 | 185.6 |
| 52.5° | 211.3 | 194.9 | 184.8 | 177.7 | 172.0 | 169.1 | 169.1 |
| 55° | 177.5 | 164.6 | 157.5 | 152.0 | 147.6 | 145.3 | 144.3 |
| 57.5° | 149.6 | 139.9 | 134.7 | 129.7 | 127.8 | 126.0 | 125.6 |
| 60° | 132.2 | 125.6 | 120.7 | 116.8 | 114.0 | 113.4 | 113.2 |
| 62.5° | 117.8 | 110.9 | 107.6 | 104.5 | 102.4 | 101.6 | 101.2 |
| 65° | 97.1 | 92.1 | 89.0 | 86.6 | 85.9 | 84.5 | 84.4 |
| 67.5° | 78.3 | 75.3 | 73.3 | 71.6 | 70.6 | 70.5 | 70.5 |
| 70° | 66.8 | 65.0 | 63.4 | 62.4 | 61.9 | 61.5 | 61.5 |
| 72.5° | 56.9 | 55.6 | 54.2 | 53.7 | 53.6 | 53.2 | 53.1 |
| 75° | 43.3 | 42.0 | 42.2 | 41.3 | 40.5 | 39.5 | 39.0 |
| 77.5° | 30.7 | 29.8 | 29.5 | 29.5 | 28.8 | 28.8 | 29.0 |
| 80° | 23.8 | 22.9 | 22.7 | 22.9 | 22.7 | 22.1 | 22.1 |
| 82.5° | 18.1 | 17.3 | 17.1 | 17.0 | 16.9 | 17.0 | 16.7 |
| 85° | 9.7 | 9.3 | 9.3 | 9.3 | 9.7 | 9.6 | 9.3 |
| 87.5° | 5.1 | 5.1 | 5.2 | 5.2 | 5.3 | 5.1 | 5.2 |
| 90° | 8.6 | 9.0 | 9.0 | 9.5 | 9.9 | 9.5 | 9.5 |
| 92.5° | 66.8 | 53.2 | 44.1 | 38.7 | 36.4 | 34.8 | 34.8 |
| 95° | 264.8 | 204.2 | 160.4 | 138.3 | 124.3 | 116.1 | 110.3 |
| 97.5° | 468.7 | 424.5 | 377.3 | 344.9 | 317.7 | 304.1 | 294.7 |
| 100° | 554.1 | 531.9 | 498.4 | 459.1 | 431.6 | 418.0 | 414.4 |
| 102.5° | 587.3 | 593.7 | 579.8 | 555.6 | 535.7 | 521.4 | 518.5 |
| 105° | 584.3 | 629.1 | 647.6 | 648.5 | 644.8 | 638.5 | 635.8 |
| 107.5° | 537.7 | 600.8 | 641.0 | 663.4 | 673.7 | 678.2 | 679.4 |
| 110° | 501.6 | 567.1 | 616.9 | 649.0 | 667.9 | 676.0 | 680.1 |



TEST NUMBER: P332873-927

CATALOG NUMBER: S124RDIP-S350D590U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 469.8 | 531.7 | 581.4 | 617.8 | 640.8 | 652.2 | 658.8 |
| 115° | 433.4 | 486.2 | 529.7 | 565.3 | 592.5 | 606.9 | 610.5 |
| 117.5° | 412.6 | 454.2 | 490.9 | 521.4 | 544.2 | 558.8 | 561.7 |
| 120° | 403.5 | 439.7 | 471.7 | 497.6 | 517.5 | 529.2 | 534.2 |
| 122.5° | 397.8 | 430.6 | 458.8 | 480.5 | 497.6 | 507.5 | 512.5 |
| 125° | 388.6 | 419.8 | 444.7 | 462.7 | 475.9 | 484.4 | 487.1 |
| 127.5° | 377.9 | 409.0 | 432.5 | 450.8 | 462.4 | 469.6 | 472.3 |
| 130° | 369.2 | 399.9 | 423.9 | 442.4 | 453.7 | 461.0 | 463.7 |
| 132.5° | 359.4 | 389.4 | 413.4 | 431.6 | 444.3 | 451.1 | 453.9 |
| 135° | 344.8 | 372.3 | 395.0 | 413.0 | 425.7 | 432.9 | 435.6 |
| 137.5° | 330.8 | 354.0 | 374.5 | 391.3 | 403.9 | 409.8 | 413.0 |
| 140° | 321.8 | 342.1 | 361.1 | 376.9 | 386.8 | 393.2 | 396.8 |
| 142.5° | 314.2 | 331.6 | 348.1 | 362.0 | 371.3 | 376.9 | 379.4 |
| 145° | 303.6 | 317.3 | 329.9 | 341.2 | 348.9 | 353.4 | 355.6 |
| 147.5° | 294.6 | 305.5 | 315.4 | 323.8 | 330.3 | 333.7 | 334.6 |
| 150° | 289.2 | 298.3 | 306.4 | 313.6 | 319.5 | 322.2 | 322.7 |
| 152.5° | 283.8 | 292.1 | 298.8 | 304.9 | 309.7 | 311.3 | 311.8 |
| 155° | 276.1 | 282.9 | 288.3 | 292.9 | 296.4 | 297.8 | 297.8 |
| 157.5° | 268.5 | 274.2 | 278.5 | 282.0 | 284.7 | 285.5 | 285.5 |
| 160° | 263.5 | 268.4 | 272.0 | 274.7 | 277.5 | 277.9 | 277.9 |
| 162.5° | 258.7 | 262.6 | 265.9 | 267.9 | 270.6 | 271.1 | 270.7 |
| 165° | 251.7 | 254.8 | 257.1 | 259.0 | 260.7 | 260.3 | 259.8 |
| 167.5° | 245.7 | 248.3 | 249.6 | 250.6 | 251.7 | 251.6 | 251.3 |
| 170° | 241.8 | 243.6 | 244.9 | 245.8 | 246.3 | 245.8 | 245.8 |
| 172.5° | 238.5 | 239.6 | 240.6 | 241.1 | 241.6 | 241.1 | 240.4 |
| 175° | 234.1 | 235.0 | 235.0 | 235.0 | 235.9 | 235.0 | 234.1 |
| 177.5° | 231.5 | 231.5 | 231.8 | 231.5 | 231.8 | 231.1 | 230.4 |
| 180° | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 |

(END OF REPORT)