

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1034791

Luminaire Tested: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1034791  
REPORT IS A COMBINATION OF REPORTS P1006368 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K  
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}  
{m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

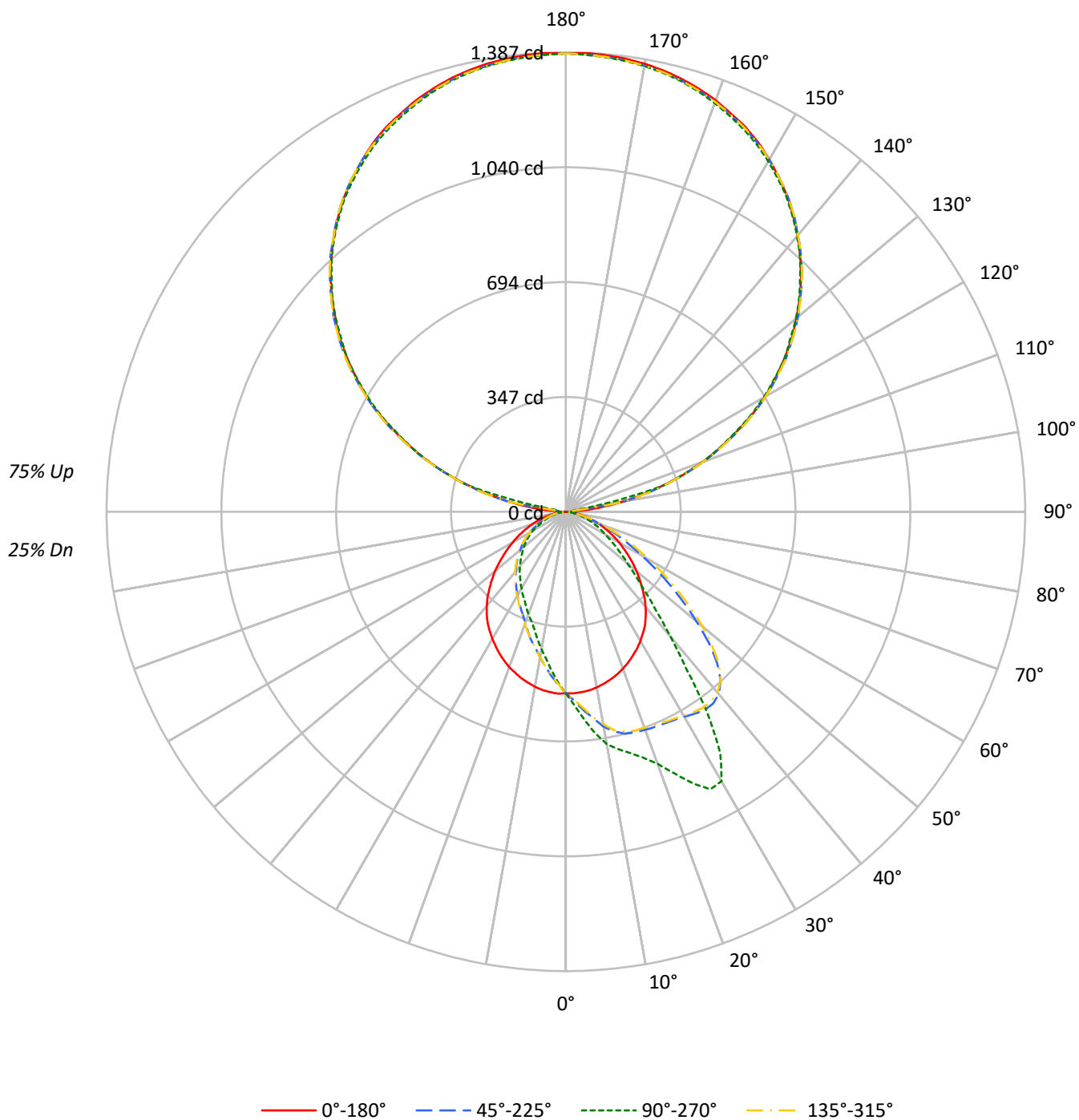
Lumens per Lamp: N/A  
Luminaire Lumens: 5672.9 lumens  
Efficiency: N/A  
Efficacy: 127.5 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 44.5  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1034791

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### Luminous Intensity Polar Plot



TEST NUMBER: P1034791

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 51 | 51 | 51 | 33 | 33 | 33 |
| 1   | 92  | 88  | 85  | 81  | 82 | 79 | 76 | 73 | 61 | 59 | 57 | 45 | 44 | 42 | 30 | 29 | 28 |
| 2   | 84  | 77  | 72  | 67  | 75 | 69 | 64 | 60 | 54 | 50 | 48 | 39 | 37 | 36 | 26 | 25 | 24 |
| 3   | 77  | 68  | 61  | 56  | 68 | 61 | 55 | 50 | 47 | 43 | 40 | 35 | 32 | 30 | 23 | 22 | 21 |
| 4   | 70  | 60  | 53  | 47  | 62 | 54 | 48 | 43 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 19 | 18 |
| 5   | 64  | 54  | 46  | 40  | 57 | 48 | 41 | 37 | 38 | 33 | 29 | 28 | 25 | 23 | 19 | 17 | 16 |
| 6   | 59  | 48  | 40  | 35  | 53 | 43 | 36 | 32 | 34 | 29 | 26 | 25 | 22 | 20 | 17 | 15 | 14 |
| 7   | 55  | 43  | 36  | 30  | 49 | 39 | 32 | 28 | 31 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 24 | 28 | 23 | 20 | 21 | 18 | 15 | 14 | 12 | 11 |
| 9   | 47  | 35  | 28  | 23  | 42 | 32 | 26 | 22 | 25 | 21 | 18 | 19 | 16 | 14 | 13 | 11 | 10 |
| 10  | 44  | 32  | 25  | 21  | 39 | 29 | 23 | 19 | 23 | 19 | 16 | 18 | 15 | 12 | 12 | 10 | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3512 | 3512 | 3512 | 3512 |
| 5°  | 3508 | 3958 | 3508 | 3042 |
| 10° | 3489 | 4447 | 3477 | 2630 |
| 15° | 3451 | 4705 | 3428 | 2290 |
| 20° | 3405 | 5079 | 3375 | 2069 |
| 25° | 3346 | 5750 | 3308 | 1878 |
| 30° | 3285 | 6111 | 3236 | 1741 |
| 35° | 3206 | 5026 | 3162 | 1614 |
| 40° | 3067 | 3413 | 3041 | 1499 |
| 45° | 2884 | 2453 | 2880 | 1386 |
| 50° | 2696 | 1887 | 2709 | 1282 |
| 55° | 2485 | 1534 | 2480 | 1181 |
| 60° | 2288 | 1257 | 2277 | 1049 |
| 65° | 2059 | 1048 | 2072 | 844  |
| 70° | 1869 | 840  | 1862 | 703  |
| 75° | 1578 | 637  | 1578 | 578  |
| 80° | 1280 | 388  | 1264 | 388  |
| 85° | 898  | 203  | 875  | 231  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4999 cd/sqm

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.6   | 0.9       |
| 10°-20°   | 154.1  | 2.7       |
| 20°-30°   | 244.3  | 4.3       |
| 30°-40°   | 295.2  | 5.2       |
| 40°-50°   | 262.8  | 4.6       |
| 50°-60°   | 201.5  | 3.6       |
| 60°-70°   | 130.9  | 2.3       |
| 70°-80°   | 63.5   | 1.1       |
| 80°-90°   | 17.0   | 0.3       |
| 90°-100°  | 47.0   | 0.8       |
| 100°-110° | 312.3  | 5.5       |
| 110°-120° | 562.4  | 9.9       |
| 120°-130° | 721.9  | 12.7      |
| 130°-140° | 776.5  | 13.7      |
| 140°-150° | 728.7  | 12.8      |
| 150°-160° | 589.5  | 10.4      |
| 160°-170° | 381.2  | 6.7       |
| 170°-180° | 131.5  | 2.3       |
| 0°-30°    | 451.0  | 7.9       |
| 0°-40°    | 746.2  | 13.2      |
| 0°-60°    | 1210.6 | 21.3      |
| 0°-90°    | 1421.9 | 25.1      |
| 90°-120°  | 921.7  | 16.2      |
| 90°-150°  | 3148.8 | 55.5      |
| 90°-180°  | 4251.0 | 74.9      |
| 0°-180°   | 5672.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 548  | 548  | 548  | 548  | 548  |      |
| 5°   | 547  | 628  | 547  | 483  | 547  | 52   |
| 15°  | 524  | 755  | 520  | 367  | 524  | 148  |
| 25°  | 479  | 904  | 473  | 295  | 479  | 221  |
| 35°  | 417  | 750  | 411  | 241  | 417  | 260  |
| 45°  | 326  | 335  | 326  | 189  | 326  | 252  |
| 55°  | 230  | 184  | 230  | 142  | 230  | 206  |
| 65°  | 143  | 104  | 144  | 84   | 143  | 143  |
| 75°  | 70   | 49   | 70   | 44   | 70   | 75   |
| 85°  | 16   | 10   | 15   | 12   | 16   | 18   |
| 90°  | 1    | 25   | 1    | 25   | 1    | 4    |
| 95°  | 58   | 22   | 58   | 22   | 58   | 72   |
| 105° | 302  | 305  | 302  | 305  | 302  | 320  |
| 115° | 566  | 562  | 566  | 562  | 566  | 561  |
| 125° | 805  | 805  | 805  | 805  | 805  | 719  |
| 135° | 1004 | 1000 | 1004 | 1000 | 1004 | 774  |
| 145° | 1164 | 1161 | 1164 | 1161 | 1164 | 728  |
| 155° | 1282 | 1273 | 1282 | 1273 | 1282 | 591  |
| 165° | 1353 | 1346 | 1353 | 1346 | 1353 | 382  |
| 175° | 1384 | 1378 | 1384 | 1378 | 1384 | 132  |
| 180° | 1384 | 1384 | 1384 | 1384 | 1384 |      |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 548.5 | 553.0 | 554.4 | 558.0 | 562.0 | 562.9 | 565.2 | 568.3 | 570.1 | 569.7 | 569.7 |
| 5°     | 546.7 | 554.4 | 559.8 | 566.1 | 573.7 | 576.9 | 579.6 | 586.3 | 591.7 | 594.9 | 600.3 |
| 7.5°   | 543.6 | 554.8 | 563.8 | 573.3 | 585.0 | 590.4 | 596.2 | 605.7 | 615.6 | 621.9 | 627.7 |
| 10°    | 538.6 | 553.0 | 565.6 | 579.6 | 595.3 | 603.4 | 610.6 | 625.0 | 637.2 | 645.3 | 658.8 |
| 12.5°  | 531.4 | 549.4 | 567.0 | 585.4 | 605.2 | 613.8 | 623.7 | 639.4 | 656.5 | 668.2 | 679.5 |
| 15°    | 523.8 | 545.4 | 564.3 | 586.3 | 610.2 | 623.2 | 635.8 | 652.5 | 667.8 | 680.8 | 693.9 |
| 17.5°  | 514.8 | 537.7 | 561.1 | 586.3 | 613.3 | 626.4 | 637.2 | 657.0 | 673.2 | 686.2 | 697.9 |
| 20°    | 504.0 | 529.6 | 556.2 | 584.1 | 611.5 | 623.7 | 634.0 | 655.6 | 670.0 | 684.0 | 700.6 |
| 22.5°  | 492.3 | 520.2 | 548.5 | 576.0 | 603.0 | 616.0 | 628.2 | 647.1 | 662.8 | 681.7 | 703.3 |
| 25°    | 478.8 | 509.4 | 538.2 | 565.6 | 591.3 | 603.4 | 614.2 | 634.9 | 657.0 | 680.8 | 705.1 |
| 27.5°  | 465.3 | 495.0 | 522.9 | 548.1 | 576.0 | 587.2 | 598.0 | 624.1 | 650.2 | 675.4 | 708.7 |
| 30°    | 450.4 | 480.6 | 504.9 | 528.3 | 555.3 | 567.0 | 580.5 | 610.2 | 639.9 | 674.1 | 714.6 |
| 32.5°  | 433.8 | 461.2 | 483.7 | 508.0 | 532.3 | 546.7 | 563.8 | 596.2 | 630.4 | 671.4 | 723.1 |
| 35°    | 417.1 | 439.2 | 459.9 | 482.8 | 512.1 | 527.4 | 544.0 | 578.2 | 621.0 | 670.0 | 730.3 |
| 37.5°  | 396.0 | 417.1 | 433.3 | 456.7 | 486.9 | 504.9 | 521.5 | 561.1 | 609.7 | 666.9 | 729.9 |
| 40°    | 374.4 | 392.4 | 407.7 | 432.0 | 464.8 | 481.5 | 499.5 | 542.7 | 598.0 | 657.9 | 719.1 |
| 42.5°  | 351.0 | 366.3 | 382.9 | 406.3 | 438.3 | 454.5 | 475.2 | 525.6 | 581.8 | 645.3 | 691.2 |
| 45°    | 326.2 | 341.1 | 355.0 | 379.3 | 411.3 | 428.8 | 451.3 | 503.1 | 562.0 | 618.7 | 646.2 |
| 47.5°  | 301.9 | 315.0 | 329.8 | 351.0 | 383.4 | 402.7 | 425.7 | 481.0 | 535.5 | 583.2 | 585.4 |
| 50°    | 278.5 | 288.9 | 301.5 | 323.1 | 356.8 | 375.3 | 399.1 | 450.9 | 504.0 | 536.8 | 514.8 |
| 52.5°  | 254.2 | 263.7 | 276.7 | 295.6 | 327.1 | 348.7 | 369.4 | 421.2 | 465.7 | 487.8 | 447.3 |
| 55°    | 230.4 | 238.5 | 252.0 | 273.1 | 300.6 | 317.2 | 338.4 | 386.5 | 425.7 | 426.1 | 382.0 |
| 57.5°  | 207.0 | 214.2 | 225.4 | 244.3 | 270.0 | 289.3 | 308.7 | 350.5 | 377.1 | 369.4 | 320.4 |
| 60°    | 186.3 | 190.8 | 201.1 | 219.6 | 243.4 | 257.4 | 278.1 | 313.2 | 330.7 | 316.8 | 264.1 |
| 62.5°  | 164.7 | 169.2 | 177.3 | 192.1 | 214.6 | 229.5 | 242.5 | 271.3 | 283.5 | 262.3 | 219.1 |
| 65°    | 143.1 | 148.5 | 154.3 | 166.0 | 187.2 | 197.1 | 208.8 | 229.9 | 241.6 | 216.9 | 179.5 |
| 67.5°  | 124.2 | 126.9 | 132.7 | 144.9 | 159.7 | 168.7 | 176.8 | 191.2 | 193.5 | 173.7 | 143.1 |
| 70°    | 106.6 | 107.5 | 112.9 | 120.1 | 131.4 | 136.8 | 143.5 | 152.1 | 152.1 | 135.9 | 111.6 |
| 72.5°  | 86.8  | 88.2  | 92.2  | 99.9  | 106.6 | 109.3 | 111.6 | 117.0 | 116.1 | 101.2 | 84.6  |
| 75°    | 69.7  | 70.6  | 73.8  | 77.4  | 80.1  | 85.0  | 86.8  | 85.9  | 85.5  | 72.9  | 63.4  |
| 77.5°  | 54.0  | 54.4  | 56.7  | 59.8  | 60.3  | 62.1  | 60.7  | 60.7  | 56.7  | 49.5  | 44.5  |
| 80°    | 39.6  | 40.0  | 40.9  | 41.8  | 41.8  | 41.8  | 41.8  | 39.6  | 36.9  | 32.4  | 31.0  |
| 82.5°  | 26.5  | 26.5  | 27.0  | 27.9  | 27.4  | 26.5  | 25.6  | 23.4  | 21.6  | 20.2  | 19.3  |
| 85°    | 15.7  | 15.7  | 16.2  | 15.7  | 13.9  | 13.5  | 12.6  | 12.1  | 11.7  | 11.2  | 11.2  |
| 87.5°  | 7.6   | 7.2   | 6.3   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 4.9   | 4.9   |
| 90°    | 1.0   | 2.8   | 4.6   | 6.5   | 8.3   | 9.2   | 10.0  | 11.6  | 13.2  | 14.8  | 16.4  |
| 92.5°  | 19.5  | 17.5  | 15.4  | 13.4  | 11.3  | 10.3  | 11.0  | 12.3  | 13.7  | 15.0  | 16.4  |
| 95°    | 58.5  | 57.8  | 57.1  | 56.4  | 55.7  | 55.4  | 51.1  | 42.4  | 33.7  | 25.1  | 16.4  |
| 97.5°  | 109.8 | 111.2 | 112.5 | 113.9 | 115.2 | 115.9 | 105.1 | 83.4  | 61.8  | 40.1  | 18.5  |
| 100°   | 171.3 | 172.0 | 172.7 | 173.4 | 174.1 | 174.4 | 174.9 | 175.8 | 176.7 | 177.6 | 178.5 |
| 102.5° | 233.9 | 234.8 | 235.7 | 236.6 | 237.5 | 238.0 | 238.2 | 238.7 | 239.1 | 239.6 | 240.0 |
| 105°   | 301.6 | 302.5 | 303.4 | 304.3 | 305.2 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 |
| 107.5° | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 | 371.6 | 372.1 | 372.5 | 373.0 | 373.4 |
| 110°   | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 | 439.3 | 439.8 | 440.2 | 440.7 | 441.1 |



TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 502.7  | 503.4  | 504.0  | 504.7  | 505.4  | 505.7  | 505.8  | 506.1  | 506.3  | 506.6  | 506.8  |
| 115°   | 566.3  | 567.4  | 568.6  | 569.7  | 570.8  | 571.4  | 571.5  | 571.7  | 572.0  | 572.2  | 572.4  |
| 117.5° | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 633.4  | 634.3  | 635.2  | 636.2  | 637.1  |
| 120°   | 694.5  | 694.3  | 694.1  | 693.8  | 693.6  | 693.5  | 693.8  | 694.5  | 695.2  | 695.8  | 696.5  |
| 122.5° | 748.9  | 750.0  | 751.2  | 752.3  | 753.4  | 754.0  | 754.1  | 754.3  | 754.6  | 754.8  | 755.0  |
| 125°   | 805.3  | 806.9  | 808.5  | 810.1  | 811.7  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  |
| 127.5° | 859.7  | 860.8  | 862.0  | 863.1  | 864.2  | 864.8  | 864.7  | 864.5  | 864.2  | 864.0  | 863.8  |
| 130°   | 908.9  | 910.0  | 911.2  | 912.3  | 913.4  | 914.0  | 914.1  | 914.4  | 914.6  | 914.9  | 915.1  |
| 132.5° | 958.1  | 959.5  | 960.9  | 962.2  | 963.6  | 964.3  | 964.0  | 963.3  | 962.6  | 961.9  | 961.2  |
| 135°   | 1004.3 | 1005.7 | 1007.1 | 1008.4 | 1009.8 | 1010.5 | 1010.3 | 1009.8 | 1009.3 | 1008.9 | 1008.4 |
| 137.5° | 1047.4 | 1048.8 | 1050.1 | 1051.5 | 1052.8 | 1053.5 | 1053.3 | 1052.8 | 1052.4 | 1051.9 | 1051.5 |
| 140°   | 1089.4 | 1089.9 | 1090.3 | 1090.8 | 1091.3 | 1091.5 | 1091.4 | 1091.2 | 1090.9 | 1090.7 | 1090.5 |
| 142.5° | 1127.4 | 1127.6 | 1127.8 | 1128.1 | 1128.3 | 1128.4 | 1128.6 | 1129.1 | 1129.6 | 1130.0 | 1130.5 |
| 145°   | 1164.3 | 1164.8 | 1165.2 | 1165.7 | 1166.2 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 |
| 147.5° | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.3 | 1197.5 | 1197.8 | 1198.0 | 1198.2 |
| 150°   | 1227.9 | 1227.5 | 1227.0 | 1226.6 | 1226.1 | 1225.9 | 1226.1 | 1226.6 | 1227.0 | 1227.5 | 1227.9 |
| 152.5° | 1257.7 | 1256.6 | 1255.4 | 1254.3 | 1253.2 | 1252.6 | 1252.8 | 1253.3 | 1253.7 | 1254.2 | 1254.6 |
| 155°   | 1282.3 | 1280.9 | 1279.6 | 1278.2 | 1276.9 | 1276.2 | 1276.4 | 1276.9 | 1277.3 | 1277.8 | 1278.2 |
| 157.5° | 1301.8 | 1301.1 | 1300.4 | 1299.7 | 1299.0 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 |
| 160°   | 1322.3 | 1320.9 | 1319.6 | 1318.2 | 1316.9 | 1316.2 | 1316.3 | 1316.5 | 1316.8 | 1317.0 | 1317.2 |
| 162.5° | 1338.7 | 1337.3 | 1336.0 | 1334.6 | 1333.3 | 1332.6 | 1332.7 | 1332.9 | 1333.2 | 1333.4 | 1333.6 |
| 165°   | 1353.1 | 1351.7 | 1350.3 | 1349.0 | 1347.6 | 1346.9 | 1347.0 | 1347.3 | 1347.5 | 1347.8 | 1348.0 |
| 167.5° | 1364.4 | 1363.0 | 1361.6 | 1360.3 | 1358.9 | 1358.2 | 1358.3 | 1358.5 | 1358.8 | 1359.0 | 1359.2 |
| 170°   | 1373.6 | 1372.0 | 1370.4 | 1368.8 | 1367.2 | 1366.4 | 1366.5 | 1366.8 | 1367.0 | 1367.3 | 1367.5 |
| 172.5° | 1379.8 | 1378.2 | 1376.6 | 1375.0 | 1373.4 | 1372.6 | 1372.8 | 1373.3 | 1373.7 | 1374.2 | 1374.6 |
| 175°   | 1383.9 | 1382.5 | 1381.1 | 1379.8 | 1378.4 | 1377.7 | 1377.8 | 1378.0 | 1378.3 | 1378.5 | 1378.7 |
| 177.5° | 1386.9 | 1385.5 | 1384.2 | 1382.8 | 1381.5 | 1380.8 | 1380.9 | 1381.1 | 1381.4 | 1381.6 | 1381.8 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 571.9 | 575.1 | 577.8 | 576.4 | 581.8 | 581.4 | 582.3 | 584.1 | 584.5 | 583.6 | 581.8 |
| 5°     | 603.0 | 607.5 | 615.1 | 619.2 | 618.3 | 621.9 | 623.7 | 626.4 | 629.1 | 628.2 | 628.2 |
| 7.5°   | 637.6 | 643.9 | 651.6 | 661.9 | 663.3 | 666.4 | 671.8 | 671.8 | 675.0 | 673.6 | 673.2 |
| 10°    | 667.8 | 675.4 | 687.6 | 695.7 | 699.3 | 701.1 | 706.5 | 708.3 | 711.9 | 712.3 | 712.3 |
| 12.5°  | 692.5 | 706.0 | 714.1 | 722.2 | 724.0 | 726.7 | 730.8 | 733.5 | 734.8 | 734.8 | 733.5 |
| 15°    | 705.6 | 716.4 | 725.8 | 734.4 | 739.3 | 741.6 | 745.6 | 748.8 | 750.6 | 754.6 | 755.5 |
| 17.5°  | 711.0 | 724.0 | 739.3 | 751.5 | 760.0 | 762.3 | 770.4 | 773.1 | 776.7 | 778.5 | 780.7 |
| 20°    | 718.6 | 737.5 | 756.0 | 770.8 | 778.9 | 784.8 | 793.3 | 805.9 | 809.5 | 809.5 | 808.2 |
| 22.5°  | 725.4 | 749.7 | 774.9 | 798.7 | 805.5 | 817.2 | 832.9 | 846.4 | 851.8 | 854.1 | 852.3 |
| 25°    | 733.5 | 766.8 | 799.6 | 829.3 | 847.8 | 856.3 | 877.5 | 893.7 | 900.0 | 903.6 | 904.5 |
| 27.5°  | 747.4 | 789.3 | 831.1 | 868.9 | 887.8 | 897.7 | 919.8 | 933.7 | 941.4 | 944.5 | 942.3 |
| 30°    | 763.2 | 814.5 | 863.1 | 896.8 | 909.4 | 921.6 | 936.0 | 941.4 | 939.6 | 939.6 | 946.3 |
| 32.5°  | 779.4 | 832.5 | 875.7 | 897.7 | 902.2 | 900.4 | 894.6 | 878.4 | 868.9 | 868.9 | 874.8 |
| 35°    | 788.4 | 834.3 | 856.3 | 849.1 | 831.6 | 821.2 | 789.3 | 771.3 | 751.0 | 749.7 | 756.4 |
| 37.5°  | 783.4 | 803.2 | 794.2 | 747.0 | 723.1 | 703.3 | 653.4 | 633.6 | 618.7 | 598.0 | 630.0 |
| 40°    | 748.8 | 742.0 | 695.2 | 627.3 | 600.7 | 572.8 | 533.2 | 513.4 | 492.7 | 489.6 | 497.2 |
| 42.5°  | 690.3 | 650.2 | 581.8 | 516.1 | 489.1 | 469.3 | 439.2 | 419.8 | 406.8 | 401.4 | 410.4 |
| 45°    | 617.4 | 554.4 | 486.0 | 433.8 | 404.1 | 393.7 | 366.3 | 349.2 | 339.3 | 335.2 | 341.5 |
| 47.5°  | 528.3 | 464.8 | 400.0 | 355.9 | 338.4 | 328.0 | 309.6 | 294.7 | 286.2 | 283.5 | 286.2 |
| 50°    | 448.6 | 383.4 | 328.9 | 300.6 | 284.8 | 276.3 | 261.0 | 251.5 | 244.8 | 243.0 | 247.5 |
| 52.5°  | 379.8 | 320.4 | 279.0 | 253.8 | 243.4 | 236.2 | 225.4 | 217.3 | 213.3 | 211.5 | 214.6 |
| 55°    | 318.1 | 270.0 | 236.7 | 215.1 | 207.4 | 202.9 | 193.5 | 189.0 | 184.5 | 184.0 | 187.2 |
| 57.5°  | 263.7 | 230.4 | 199.8 | 184.5 | 182.2 | 175.5 | 167.4 | 163.3 | 161.1 | 160.6 | 162.0 |
| 60°    | 219.6 | 189.9 | 171.4 | 157.9 | 154.8 | 149.4 | 144.9 | 142.2 | 139.5 | 138.6 | 139.5 |
| 62.5°  | 182.7 | 159.3 | 144.4 | 135.4 | 130.9 | 129.6 | 124.6 | 121.5 | 121.0 | 121.0 | 121.9 |
| 65°    | 150.7 | 130.9 | 121.5 | 114.3 | 111.1 | 109.8 | 106.2 | 103.9 | 104.4 | 104.4 | 104.8 |
| 67.5°  | 122.8 | 108.4 | 99.9  | 96.3  | 93.6  | 93.1  | 89.5  | 88.6  | 87.7  | 87.7  | 88.6  |
| 70°    | 97.6  | 88.6  | 82.3  | 80.5  | 80.1  | 76.9  | 75.6  | 75.1  | 73.8  | 74.2  | 74.2  |
| 72.5°  | 76.5  | 70.6  | 67.0  | 64.3  | 64.8  | 63.0  | 61.2  | 61.2  | 60.3  | 61.6  | 61.6  |
| 75°    | 56.7  | 54.0  | 51.3  | 50.4  | 51.3  | 50.4  | 49.0  | 48.6  | 49.0  | 48.6  | 48.6  |
| 77.5°  | 41.8  | 40.5  | 39.6  | 39.1  | 39.1  | 37.3  | 36.4  | 37.3  | 35.5  | 36.4  | 36.4  |
| 80°    | 29.2  | 27.4  | 27.0  | 26.1  | 26.5  | 25.2  | 25.6  | 24.7  | 24.7  | 24.7  | 24.7  |
| 82.5°  | 18.4  | 18.0  | 18.0  | 18.0  | 17.5  | 17.5  | 17.5  | 17.5  | 17.5  | 17.5  | 17.1  |
| 85°    | 11.2  | 10.8  | 10.8  | 10.8  | 10.3  | 10.3  | 10.3  | 10.3  | 10.3  | 10.3  | 10.3  |
| 87.5°  | 4.5   | 4.9   | 4.9   | 5.4   | 4.9   | 4.5   | 4.5   | 4.5   | 4.9   | 4.9   | 4.5   |
| 90°    | 17.5  | 18.7  | 19.8  | 20.9  | 21.5  | 21.8  | 22.5  | 23.2  | 23.9  | 24.6  | 23.9  |
| 92.5°  | 17.5  | 18.7  | 19.8  | 20.9  | 21.5  | 21.6  | 21.9  | 22.1  | 22.4  | 22.6  | 22.4  |
| 95°    | 17.5  | 18.7  | 19.8  | 20.9  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  |
| 97.5°  | 18.9  | 19.4  | 19.8  | 20.3  | 20.5  | 20.6  | 20.8  | 21.1  | 21.3  | 21.5  | 21.3  |
| 100°   | 144.5 | 110.5 | 76.6  | 42.6  | 25.6  | 25.1  | 24.2  | 23.3  | 22.4  | 21.5  | 22.4  |
| 102.5° | 240.5 | 240.9 | 241.4 | 241.9 | 242.1 | 232.5 | 213.4 | 194.2 | 175.1 | 155.9 | 175.1 |
| 105°   | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.6 | 305.4 | 305.1 | 304.9 | 304.7 | 304.9 |
| 107.5° | 373.6 | 373.8 | 374.1 | 374.3 | 374.4 | 373.9 | 373.0 | 372.1 | 371.2 | 370.3 | 371.2 |
| 110°   | 440.4 | 439.7 | 439.0 | 438.3 | 438.0 | 438.1 | 438.4 | 438.6 | 438.9 | 439.1 | 438.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 505.9  | 505.0  | 504.1  | 503.2  | 502.7  | 502.5  | 502.0  | 501.5  | 501.1  | 500.6  | 501.1  |
| 115°   | 571.5  | 570.6  | 569.7  | 568.8  | 568.3  | 567.6  | 566.3  | 564.9  | 563.6  | 562.2  | 563.6  |
| 117.5° | 635.7  | 634.3  | 633.0  | 631.6  | 630.9  | 630.7  | 630.2  | 629.7  | 629.3  | 628.8  | 629.3  |
| 120°   | 696.1  | 695.6  | 695.2  | 694.7  | 694.5  | 693.9  | 692.8  | 691.7  | 690.5  | 689.4  | 690.5  |
| 122.5° | 754.6  | 754.1  | 753.7  | 753.2  | 753.0  | 752.3  | 750.9  | 749.6  | 748.2  | 746.8  | 748.2  |
| 125°   | 811.6  | 810.7  | 809.8  | 808.9  | 808.4  | 808.1  | 807.4  | 806.7  | 806.0  | 805.3  | 806.0  |
| 127.5° | 863.3  | 862.9  | 862.4  | 861.9  | 861.7  | 860.8  | 859.0  | 857.1  | 855.3  | 853.5  | 855.3  |
| 130°   | 914.4  | 913.7  | 913.0  | 912.3  | 912.0  | 911.4  | 910.3  | 909.1  | 908.0  | 906.8  | 908.0  |
| 132.5° | 961.2  | 961.2  | 961.2  | 961.2  | 961.2  | 960.6  | 959.5  | 958.4  | 957.2  | 956.1  | 957.2  |
| 135°   | 1008.0 | 1007.5 | 1007.1 | 1006.6 | 1006.4 | 1005.7 | 1004.3 | 1003.0 | 1001.6 | 1000.2 | 1001.6 |
| 137.5° | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1050.9 | 1049.8 | 1048.7 | 1047.5 | 1046.4 | 1047.5 |
| 140°   | 1090.9 | 1091.4 | 1091.8 | 1092.3 | 1092.5 | 1091.8 | 1090.5 | 1089.1 | 1087.8 | 1086.4 | 1087.8 |
| 142.5° | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1129.8 | 1128.4 | 1127.1 | 1125.7 | 1124.3 | 1125.7 |
| 145°   | 1166.6 | 1166.8 | 1167.1 | 1167.3 | 1167.4 | 1166.7 | 1165.4 | 1164.0 | 1162.7 | 1161.3 | 1162.7 |
| 147.5° | 1198.4 | 1198.6 | 1198.9 | 1199.1 | 1199.2 | 1198.4 | 1196.8 | 1195.2 | 1193.6 | 1192.0 | 1193.6 |
| 150°   | 1228.4 | 1228.8 | 1229.3 | 1229.8 | 1230.0 | 1229.1 | 1227.3 | 1225.4 | 1223.6 | 1221.8 | 1223.6 |
| 152.5° | 1255.1 | 1255.5 | 1256.0 | 1256.5 | 1256.7 | 1255.9 | 1254.3 | 1252.7 | 1251.1 | 1249.5 | 1251.1 |
| 155°   | 1278.9 | 1279.6 | 1280.3 | 1281.0 | 1281.3 | 1280.4 | 1278.6 | 1276.7 | 1274.9 | 1273.1 | 1274.9 |
| 157.5° | 1299.4 | 1300.1 | 1300.8 | 1301.5 | 1301.8 | 1300.9 | 1299.1 | 1297.2 | 1295.4 | 1293.6 | 1295.4 |
| 160°   | 1318.1 | 1319.0 | 1319.9 | 1320.8 | 1321.3 | 1320.4 | 1318.6 | 1316.7 | 1314.9 | 1313.1 | 1314.9 |
| 162.5° | 1335.0 | 1336.4 | 1337.7 | 1339.1 | 1339.8 | 1338.8 | 1336.7 | 1334.6 | 1332.6 | 1330.5 | 1332.6 |
| 165°   | 1349.4 | 1350.7 | 1352.1 | 1353.4 | 1354.1 | 1353.2 | 1351.4 | 1349.5 | 1347.7 | 1345.9 | 1347.7 |
| 167.5° | 1360.8 | 1362.4 | 1364.0 | 1365.6 | 1366.4 | 1365.4 | 1363.3 | 1361.3 | 1359.2 | 1357.2 | 1359.2 |
| 170°   | 1369.3 | 1371.1 | 1373.0 | 1374.8 | 1375.7 | 1374.7 | 1372.6 | 1370.5 | 1368.5 | 1366.4 | 1368.5 |
| 172.5° | 1376.2 | 1377.8 | 1379.4 | 1381.0 | 1381.8 | 1380.8 | 1378.7 | 1376.7 | 1374.6 | 1372.6 | 1374.6 |
| 175°   | 1380.5 | 1382.3 | 1384.2 | 1386.0 | 1386.9 | 1385.9 | 1383.8 | 1381.8 | 1379.7 | 1377.7 | 1379.7 |
| 177.5° | 1383.4 | 1385.0 | 1386.6 | 1388.2 | 1389.0 | 1388.1 | 1386.3 | 1384.4 | 1382.6 | 1380.8 | 1382.6 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1 | 548.1 | 548.1  | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 584.1 | 580.9 | 582.3 | 580.9  | 579.6 | 578.2 | 575.1 | 570.6 | 567.0 | 564.3 | 563.8 |
| 5°     | 629.1 | 625.0 | 622.3 | 621.0  | 618.3 | 614.7 | 608.8 | 602.1 | 594.0 | 590.8 | 584.5 |
| 7.5°   | 670.5 | 669.1 | 662.8 | 661.9  | 660.1 | 653.4 | 643.5 | 634.5 | 624.1 | 615.6 | 607.5 |
| 10°    | 709.6 | 706.5 | 702.0 | 695.7  | 694.8 | 686.2 | 676.8 | 664.2 | 650.7 | 642.6 | 628.2 |
| 12.5°  | 733.9 | 730.3 | 725.4 | 721.3  | 719.1 | 713.7 | 700.6 | 688.0 | 675.9 | 661.0 | 648.4 |
| 15°    | 751.5 | 747.0 | 738.0 | 734.8  | 732.1 | 724.9 | 715.5 | 702.4 | 686.2 | 675.9 | 657.9 |
| 17.5°  | 775.3 | 769.9 | 760.9 | 755.1  | 750.1 | 738.9 | 725.4 | 707.8 | 692.5 | 680.8 | 664.6 |
| 20°    | 802.8 | 794.7 | 783.0 | 775.3  | 768.1 | 755.1 | 736.2 | 715.5 | 693.4 | 679.0 | 662.4 |
| 22.5°  | 848.2 | 832.9 | 814.5 | 803.7  | 793.8 | 771.3 | 748.8 | 723.1 | 698.4 | 676.8 | 656.5 |
| 25°    | 892.3 | 877.0 | 854.1 | 839.2  | 823.9 | 797.8 | 768.1 | 732.6 | 701.1 | 675.9 | 649.3 |
| 27.5°  | 933.3 | 917.5 | 896.4 | 878.4  | 863.5 | 824.4 | 785.2 | 745.2 | 705.1 | 670.5 | 643.5 |
| 30°    | 942.7 | 936.0 | 919.8 | 904.0  | 890.5 | 854.5 | 809.1 | 758.2 | 710.1 | 665.5 | 635.4 |
| 32.5°  | 885.6 | 902.2 | 906.3 | 904.0  | 895.5 | 869.8 | 828.0 | 774.4 | 717.3 | 663.3 | 621.9 |
| 35°    | 766.8 | 796.9 | 828.0 | 844.6  | 852.7 | 856.3 | 831.6 | 782.5 | 722.2 | 659.7 | 612.9 |
| 37.5°  | 635.8 | 665.1 | 714.1 | 738.9  | 766.3 | 802.3 | 812.2 | 780.7 | 720.0 | 657.0 | 598.5 |
| 40°    | 522.4 | 559.8 | 600.3 | 622.8  | 646.6 | 711.4 | 760.5 | 756.9 | 712.8 | 647.1 | 587.2 |
| 42.5°  | 425.2 | 448.6 | 484.2 | 508.9  | 538.2 | 610.6 | 676.3 | 708.7 | 691.2 | 634.9 | 572.8 |
| 45°    | 354.6 | 372.6 | 397.8 | 423.0  | 441.0 | 506.7 | 584.5 | 637.6 | 654.3 | 613.3 | 550.8 |
| 47.5°  | 298.8 | 312.3 | 334.3 | 350.1  | 369.4 | 421.2 | 488.7 | 563.4 | 598.5 | 582.7 | 527.4 |
| 50°    | 256.0 | 266.8 | 284.4 | 294.3  | 311.4 | 355.9 | 407.2 | 485.5 | 538.6 | 540.4 | 496.3 |
| 52.5°  | 218.7 | 229.5 | 244.3 | 252.9  | 263.2 | 293.4 | 345.1 | 411.3 | 472.5 | 495.0 | 460.8 |
| 55°    | 190.3 | 196.6 | 208.8 | 215.5  | 225.0 | 254.2 | 287.1 | 343.3 | 407.2 | 444.1 | 422.5 |
| 57.5°  | 164.2 | 171.0 | 178.6 | 184.0  | 190.8 | 214.2 | 243.9 | 286.2 | 349.6 | 389.7 | 382.5 |
| 60°    | 143.1 | 147.1 | 154.3 | 158.4  | 164.7 | 180.0 | 200.7 | 243.0 | 293.4 | 331.2 | 335.2 |
| 62.5°  | 123.3 | 126.9 | 131.8 | 135.4  | 139.5 | 151.6 | 166.9 | 197.1 | 241.2 | 282.1 | 287.5 |
| 65°    | 106.2 | 109.3 | 112.0 | 115.2  | 118.3 | 126.0 | 139.0 | 162.4 | 196.6 | 234.9 | 246.6 |
| 67.5°  | 90.9  | 91.8  | 95.8  | 96.3   | 98.1  | 103.9 | 113.4 | 132.3 | 157.0 | 187.6 | 202.9 |
| 70°    | 76.0  | 77.8  | 78.7  | 80.1   | 81.9  | 85.9  | 93.6  | 103.5 | 121.9 | 146.7 | 161.1 |
| 72.5°  | 61.6  | 62.1  | 63.4  | 64.3   | 66.1  | 69.3  | 72.9  | 80.5  | 92.2  | 110.2 | 123.3 |
| 75°    | 49.0  | 49.5  | 50.4  | 50.8   | 52.2  | 53.1  | 54.9  | 60.3  | 68.4  | 79.2  | 88.6  |
| 77.5°  | 36.9  | 37.8  | 38.7  | 38.7   | 39.1  | 40.0  | 40.9  | 42.7  | 46.8  | 54.0  | 62.1  |
| 80°    | 25.2  | 25.6  | 25.6  | 26.1   | 25.6  | 27.0  | 28.3  | 30.6  | 32.4  | 34.6  | 38.7  |
| 82.5°  | 17.5  | 17.5  | 17.5  | 18.0   | 18.0  | 18.4  | 18.4  | 18.9  | 19.3  | 20.7  | 22.5  |
| 85°    | 10.8  | 10.8  | 11.2  | 10.3   | 10.8  | 11.2  | 11.2  | 10.8  | 11.2  | 11.7  | 12.1  |
| 87.5°  | 4.5   | 4.5   | 4.9   | 4.9    | 4.9   | 4.9   | 4.5   | 4.9   | 4.5   | 4.9   | 4.9   |
| 90°    | 23.2  | 22.5  | 21.8  | 21.5   | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 14.8  | 13.2  |
| 92.5°  | 22.1  | 21.9  | 21.6  | 21.5   | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 15.0  | 13.7  |
| 95°    | 21.5  | 21.5  | 21.5  | 21.5   | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 25.1  | 33.7  |
| 97.5°  | 21.1  | 20.8  | 20.6  | 20.5   | 20.3  | 19.8  | 19.4  | 18.9  | 18.5  | 40.1  | 61.8  |
| 100°   | 23.3  | 24.2  | 25.1  | 25.6   | 42.6  | 76.6  | 110.5 | 144.5 | 178.5 | 177.6 | 176.7 |
| 102.5° | 194.2 | 213.4 | 232.5 | 242.1  | 241.9 | 241.4 | 240.9 | 240.5 | 240.0 | 239.6 | 239.1 |
| 105°   | 305.1 | 305.4 | 305.6 | 305.7  | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 |
| 107.5° | 372.1 | 373.0 | 373.9 | 374.4  | 374.3 | 374.1 | 373.8 | 373.6 | 373.4 | 373.0 | 372.5 |
| 110°   | 438.6 | 438.4 | 438.1 | 438.0  | 438.3 | 439.0 | 439.7 | 440.4 | 441.1 | 440.7 | 440.2 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 501.5  | 502.0  | 502.5  | 502.7  | 503.2  | 504.1  | 505.0  | 505.9  | 506.8  | 506.6  | 506.3  |
| 115°   | 564.9  | 566.3  | 567.6  | 568.3  | 568.8  | 569.7  | 570.6  | 571.5  | 572.4  | 572.2  | 572.0  |
| 117.5° | 629.7  | 630.2  | 630.7  | 630.9  | 631.6  | 633.0  | 634.3  | 635.7  | 637.1  | 636.2  | 635.2  |
| 120°   | 691.7  | 692.8  | 693.9  | 694.5  | 694.7  | 695.2  | 695.6  | 696.1  | 696.5  | 695.8  | 695.2  |
| 122.5° | 749.6  | 750.9  | 752.3  | 753.0  | 753.2  | 753.7  | 754.1  | 754.6  | 755.0  | 754.8  | 754.6  |
| 125°   | 806.7  | 807.4  | 808.1  | 808.4  | 808.9  | 809.8  | 810.7  | 811.6  | 812.5  | 812.5  | 812.5  |
| 127.5° | 857.1  | 859.0  | 860.8  | 861.7  | 861.9  | 862.4  | 862.9  | 863.3  | 863.8  | 864.0  | 864.2  |
| 130°   | 909.1  | 910.3  | 911.4  | 912.0  | 912.3  | 913.0  | 913.7  | 914.4  | 915.1  | 914.9  | 914.6  |
| 132.5° | 958.4  | 959.5  | 960.6  | 961.2  | 961.2  | 961.2  | 961.2  | 961.2  | 961.2  | 961.9  | 962.6  |
| 135°   | 1003.0 | 1004.3 | 1005.7 | 1006.4 | 1006.6 | 1007.1 | 1007.5 | 1008.0 | 1008.4 | 1008.9 | 1009.3 |
| 137.5° | 1048.7 | 1049.8 | 1050.9 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.9 | 1052.4 |
| 140°   | 1089.1 | 1090.5 | 1091.8 | 1092.5 | 1092.3 | 1091.8 | 1091.4 | 1090.9 | 1090.5 | 1090.7 | 1090.9 |
| 142.5° | 1127.1 | 1128.4 | 1129.8 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.0 | 1129.6 |
| 145°   | 1164.0 | 1165.4 | 1166.7 | 1167.4 | 1167.3 | 1167.1 | 1166.8 | 1166.6 | 1166.4 | 1166.4 | 1166.4 |
| 147.5° | 1195.2 | 1196.8 | 1198.4 | 1199.2 | 1199.1 | 1198.9 | 1198.6 | 1198.4 | 1198.2 | 1198.0 | 1197.8 |
| 150°   | 1225.4 | 1227.3 | 1229.1 | 1230.0 | 1229.8 | 1229.3 | 1228.8 | 1228.4 | 1227.9 | 1227.5 | 1227.0 |
| 152.5° | 1252.7 | 1254.3 | 1255.9 | 1256.7 | 1256.5 | 1256.0 | 1255.5 | 1255.1 | 1254.6 | 1254.2 | 1253.7 |
| 155°   | 1276.7 | 1278.6 | 1280.4 | 1281.3 | 1281.0 | 1280.3 | 1279.6 | 1278.9 | 1278.2 | 1277.8 | 1277.3 |
| 157.5° | 1297.2 | 1299.1 | 1300.9 | 1301.8 | 1301.5 | 1300.8 | 1300.1 | 1299.4 | 1298.7 | 1298.7 | 1298.7 |
| 160°   | 1316.7 | 1318.6 | 1320.4 | 1321.3 | 1320.8 | 1319.9 | 1319.0 | 1318.1 | 1317.2 | 1317.0 | 1316.8 |
| 162.5° | 1334.6 | 1336.7 | 1338.8 | 1339.8 | 1339.1 | 1337.7 | 1336.4 | 1335.0 | 1333.6 | 1333.4 | 1333.2 |
| 165°   | 1349.5 | 1351.4 | 1353.2 | 1354.1 | 1353.4 | 1352.1 | 1350.7 | 1349.4 | 1348.0 | 1347.8 | 1347.5 |
| 167.5° | 1361.3 | 1363.3 | 1365.4 | 1366.4 | 1365.6 | 1364.0 | 1362.4 | 1360.8 | 1359.2 | 1359.0 | 1358.8 |
| 170°   | 1370.5 | 1372.6 | 1374.7 | 1375.7 | 1374.8 | 1373.0 | 1371.1 | 1369.3 | 1367.5 | 1367.3 | 1367.0 |
| 172.5° | 1376.7 | 1378.7 | 1380.8 | 1381.8 | 1381.0 | 1379.4 | 1377.8 | 1376.2 | 1374.6 | 1374.2 | 1373.7 |
| 175°   | 1381.8 | 1383.8 | 1385.9 | 1386.9 | 1386.0 | 1384.2 | 1382.3 | 1380.5 | 1378.7 | 1378.5 | 1378.3 |
| 177.5° | 1384.4 | 1386.3 | 1388.1 | 1389.0 | 1388.2 | 1386.6 | 1385.0 | 1383.4 | 1381.8 | 1381.6 | 1381.4 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1 | 548.1  | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 562.5 | 559.8 | 558.0  | 557.5 | 554.8 | 552.6 | 549.9 | 549.4 | 548.1 | 544.5 | 542.2 |
| 5°     | 580.0 | 573.7 | 572.4  | 568.3 | 561.6 | 556.6 | 550.3 | 546.7 | 542.7 | 535.9 | 530.5 |
| 7.5°   | 598.0 | 589.5 | 583.2  | 577.3 | 567.9 | 558.9 | 549.9 | 542.7 | 535.5 | 525.6 | 517.5 |
| 10°    | 615.6 | 602.5 | 594.9  | 586.3 | 573.3 | 559.8 | 547.2 | 536.8 | 525.1 | 513.4 | 501.7 |
| 12.5°  | 631.8 | 615.1 | 603.9  | 591.7 | 575.5 | 558.9 | 542.7 | 528.3 | 516.1 | 500.4 | 487.3 |
| 15°    | 641.7 | 623.2 | 612.0  | 600.3 | 576.0 | 557.5 | 538.6 | 520.2 | 504.0 | 487.3 | 475.2 |
| 17.5°  | 647.5 | 626.8 | 614.2  | 603.4 | 578.7 | 553.5 | 529.2 | 509.4 | 491.8 | 472.0 | 455.8 |
| 20°    | 644.8 | 624.6 | 612.9  | 602.5 | 573.7 | 548.5 | 522.4 | 499.5 | 477.4 | 457.2 | 440.1 |
| 22.5°  | 639.0 | 617.8 | 604.8  | 595.3 | 569.7 | 540.0 | 511.2 | 486.4 | 463.5 | 443.2 | 423.9 |
| 25°    | 626.4 | 605.7 | 594.4  | 582.7 | 557.5 | 529.2 | 499.9 | 473.4 | 449.1 | 427.5 | 405.9 |
| 27.5°  | 615.1 | 589.9 | 578.2  | 567.9 | 541.3 | 516.1 | 487.3 | 458.1 | 433.3 | 410.8 | 389.2 |
| 30°    | 602.1 | 573.7 | 561.1  | 547.2 | 523.3 | 499.5 | 470.7 | 443.7 | 418.0 | 394.2 | 373.5 |
| 32.5°  | 588.1 | 555.3 | 540.9  | 525.1 | 500.8 | 478.3 | 454.0 | 427.5 | 401.8 | 378.4 | 356.8 |
| 35°    | 570.1 | 535.0 | 518.4  | 503.5 | 478.3 | 455.8 | 433.3 | 411.3 | 385.6 | 360.9 | 340.2 |
| 37.5°  | 553.0 | 514.3 | 496.8  | 479.7 | 453.1 | 431.5 | 413.1 | 392.4 | 367.6 | 343.8 | 324.0 |
| 40°    | 533.7 | 489.1 | 471.1  | 455.4 | 427.9 | 404.1 | 387.4 | 371.2 | 349.6 | 326.7 | 305.1 |
| 42.5°  | 516.1 | 465.7 | 446.8  | 430.6 | 401.8 | 379.3 | 363.6 | 350.1 | 331.2 | 310.0 | 288.0 |
| 45°    | 491.8 | 440.5 | 421.2  | 404.1 | 374.8 | 353.7 | 337.5 | 325.8 | 310.9 | 291.1 | 271.3 |
| 47.5°  | 469.3 | 416.2 | 395.1  | 374.4 | 347.8 | 326.2 | 311.4 | 302.4 | 292.5 | 274.9 | 254.7 |
| 50°    | 441.9 | 388.3 | 366.7  | 349.6 | 319.5 | 301.0 | 286.2 | 279.9 | 270.9 | 254.2 | 238.0 |
| 52.5°  | 412.2 | 361.3 | 341.1  | 320.4 | 292.5 | 274.5 | 261.4 | 254.2 | 247.0 | 234.9 | 219.6 |
| 55°    | 377.5 | 331.2 | 312.3  | 293.8 | 265.9 | 249.3 | 237.6 | 229.9 | 225.9 | 214.6 | 203.4 |
| 57.5°  | 344.2 | 300.6 | 283.0  | 265.9 | 241.6 | 222.7 | 215.1 | 208.3 | 202.5 | 194.4 | 184.9 |
| 60°    | 310.5 | 270.9 | 252.0  | 236.7 | 215.5 | 198.4 | 192.1 | 185.4 | 180.9 | 174.6 | 167.8 |
| 62.5°  | 271.8 | 238.0 | 223.6  | 209.2 | 191.2 | 177.7 | 170.5 | 165.1 | 159.3 | 155.2 | 149.4 |
| 65°    | 230.8 | 207.0 | 193.0  | 182.2 | 165.1 | 153.0 | 147.6 | 144.0 | 139.0 | 135.0 | 130.5 |
| 67.5°  | 192.6 | 173.7 | 167.8  | 156.1 | 143.1 | 132.3 | 128.2 | 123.7 | 119.7 | 117.4 | 113.4 |
| 70°    | 155.7 | 142.2 | 136.3  | 133.2 | 118.8 | 111.6 | 108.0 | 106.2 | 101.2 | 99.0  | 96.3  |
| 72.5°  | 120.6 | 115.6 | 111.6  | 107.5 | 98.1  | 93.6  | 89.5  | 87.7  | 84.1  | 82.3  | 81.4  |
| 75°    | 89.1  | 85.9  | 83.7   | 83.2  | 79.2  | 74.7  | 70.6  | 69.7  | 67.0  | 65.2  | 64.3  |
| 77.5°  | 62.5  | 61.6  | 61.2   | 61.6  | 58.9  | 56.2  | 55.3  | 54.4  | 51.3  | 50.8  | 50.8  |
| 80°    | 40.9  | 43.2  | 43.2   | 42.7  | 41.8  | 41.4  | 40.0  | 39.1  | 37.3  | 36.9  | 37.3  |
| 82.5°  | 25.2  | 26.5  | 27.0   | 27.9  | 27.4  | 27.0  | 26.1  | 25.6  | 26.1  | 25.2  | 25.6  |
| 85°    | 12.6  | 13.5  | 15.3   | 15.3  | 15.7  | 15.7  | 15.7  | 15.3  | 14.4  | 14.8  | 14.4  |
| 87.5°  | 4.9   | 5.4   | 5.4    | 5.4   | 4.9   | 6.3   | 6.7   | 6.7   | 6.7   | 5.8   | 5.8   |
| 90°    | 11.6  | 10.0  | 9.2    | 8.3   | 6.5   | 4.6   | 2.8   | 1.0   | 2.8   | 4.6   | 6.5   |
| 92.5°  | 12.3  | 11.0  | 10.3   | 11.3  | 13.4  | 15.4  | 17.5  | 19.5  | 17.5  | 15.4  | 13.4  |
| 95°    | 42.4  | 51.1  | 55.4   | 55.7  | 56.4  | 57.1  | 57.8  | 58.5  | 57.8  | 57.1  | 56.4  |
| 97.5°  | 83.4  | 105.1 | 115.9  | 115.2 | 113.9 | 112.5 | 111.2 | 109.8 | 111.2 | 112.5 | 113.9 |
| 100°   | 175.8 | 174.9 | 174.4  | 174.1 | 173.4 | 172.7 | 172.0 | 171.3 | 172.0 | 172.7 | 173.4 |
| 102.5° | 238.7 | 238.2 | 238.0  | 237.5 | 236.6 | 235.7 | 234.8 | 233.9 | 234.8 | 235.7 | 236.6 |
| 105°   | 305.7 | 305.7 | 305.7  | 305.2 | 304.3 | 303.4 | 302.5 | 301.6 | 302.5 | 303.4 | 304.3 |
| 107.5° | 372.1 | 371.6 | 371.4  | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 | 371.4 |
| 110°   | 439.8 | 439.3 | 439.1  | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 | 439.1 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 506.1  | 505.8  | 505.7  | 505.4  | 504.7  | 504.0  | 503.4  | 502.7  | 503.4  | 504.0  | 504.7  |
| 115°   | 571.7  | 571.5  | 571.4  | 570.8  | 569.7  | 568.6  | 567.4  | 566.3  | 567.4  | 568.6  | 569.7  |
| 117.5° | 634.3  | 633.4  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  | 632.9  |
| 120°   | 694.5  | 693.8  | 693.5  | 693.6  | 693.8  | 694.1  | 694.3  | 694.5  | 694.3  | 694.1  | 693.8  |
| 122.5° | 754.3  | 754.1  | 754.0  | 753.4  | 752.3  | 751.2  | 750.0  | 748.9  | 750.0  | 751.2  | 752.3  |
| 125°   | 812.5  | 812.5  | 812.5  | 811.7  | 810.1  | 808.5  | 806.9  | 805.3  | 806.9  | 808.5  | 810.1  |
| 127.5° | 864.5  | 864.7  | 864.8  | 864.2  | 863.1  | 862.0  | 860.8  | 859.7  | 860.8  | 862.0  | 863.1  |
| 130°   | 914.4  | 914.1  | 914.0  | 913.4  | 912.3  | 911.2  | 910.0  | 908.9  | 910.0  | 911.2  | 912.3  |
| 132.5° | 963.3  | 964.0  | 964.3  | 963.6  | 962.2  | 960.9  | 959.5  | 958.1  | 959.5  | 960.9  | 962.2  |
| 135°   | 1009.8 | 1010.3 | 1010.5 | 1009.8 | 1008.4 | 1007.1 | 1005.7 | 1004.3 | 1005.7 | 1007.1 | 1008.4 |
| 137.5° | 1052.8 | 1053.3 | 1053.5 | 1052.8 | 1051.5 | 1050.1 | 1048.8 | 1047.4 | 1048.8 | 1050.1 | 1051.5 |
| 140°   | 1091.2 | 1091.4 | 1091.5 | 1091.3 | 1090.8 | 1090.3 | 1089.9 | 1089.4 | 1089.9 | 1090.3 | 1090.8 |
| 142.5° | 1129.1 | 1128.6 | 1128.4 | 1128.3 | 1128.1 | 1127.8 | 1127.6 | 1127.4 | 1127.6 | 1127.8 | 1128.1 |
| 145°   | 1166.4 | 1166.4 | 1166.4 | 1166.2 | 1165.7 | 1165.2 | 1164.8 | 1164.3 | 1164.8 | 1165.2 | 1165.7 |
| 147.5° | 1197.5 | 1197.3 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 | 1197.2 |
| 150°   | 1226.6 | 1226.1 | 1225.9 | 1226.1 | 1226.6 | 1227.0 | 1227.5 | 1227.9 | 1227.5 | 1227.0 | 1226.6 |
| 152.5° | 1253.3 | 1252.8 | 1252.6 | 1253.2 | 1254.3 | 1255.4 | 1256.6 | 1257.7 | 1256.6 | 1255.4 | 1254.3 |
| 155°   | 1276.9 | 1276.4 | 1276.2 | 1276.9 | 1278.2 | 1279.6 | 1280.9 | 1282.3 | 1280.9 | 1279.6 | 1278.2 |
| 157.5° | 1298.7 | 1298.7 | 1298.7 | 1299.0 | 1299.7 | 1300.4 | 1301.1 | 1301.8 | 1301.1 | 1300.4 | 1299.7 |
| 160°   | 1316.5 | 1316.3 | 1316.2 | 1316.9 | 1318.2 | 1319.6 | 1320.9 | 1322.3 | 1320.9 | 1319.6 | 1318.2 |
| 162.5° | 1332.9 | 1332.7 | 1332.6 | 1333.3 | 1334.6 | 1336.0 | 1337.3 | 1338.7 | 1337.3 | 1336.0 | 1334.6 |
| 165°   | 1347.3 | 1347.0 | 1346.9 | 1347.6 | 1349.0 | 1350.3 | 1351.7 | 1353.1 | 1351.7 | 1350.3 | 1349.0 |
| 167.5° | 1358.5 | 1358.3 | 1358.2 | 1358.9 | 1360.3 | 1361.6 | 1363.0 | 1364.4 | 1363.0 | 1361.6 | 1360.3 |
| 170°   | 1366.8 | 1366.5 | 1366.4 | 1367.2 | 1368.8 | 1370.4 | 1372.0 | 1373.6 | 1372.0 | 1370.4 | 1368.8 |
| 172.5° | 1373.3 | 1372.8 | 1372.6 | 1373.4 | 1375.0 | 1376.6 | 1378.2 | 1379.8 | 1378.2 | 1376.6 | 1375.0 |
| 175°   | 1378.0 | 1377.8 | 1377.7 | 1378.4 | 1379.8 | 1381.1 | 1382.5 | 1383.9 | 1382.5 | 1381.1 | 1379.8 |
| 177.5° | 1381.1 | 1380.9 | 1380.8 | 1381.5 | 1382.8 | 1384.2 | 1385.5 | 1386.9 | 1385.5 | 1384.2 | 1382.8 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1  | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 540.9 | 539.1  | 537.7 | 536.4 | 530.5 | 524.2 | 523.3 | 522.0 | 519.3 | 522.4 | 521.1 |
| 5°     | 526.9 | 522.9  | 520.6 | 514.8 | 507.6 | 502.2 | 497.7 | 492.3 | 490.0 | 488.2 | 487.8 |
| 7.5°   | 509.8 | 506.2  | 502.2 | 496.3 | 487.3 | 478.3 | 471.6 | 466.2 | 461.7 | 459.4 | 459.4 |
| 10°    | 493.2 | 488.7  | 483.3 | 473.4 | 464.8 | 453.6 | 446.4 | 441.0 | 434.7 | 431.1 | 427.9 |
| 12.5°  | 476.1 | 471.1  | 466.2 | 453.6 | 443.7 | 432.0 | 421.6 | 414.9 | 411.7 | 407.7 | 402.3 |
| 15°    | 459.0 | 451.3  | 446.4 | 433.8 | 421.2 | 409.5 | 402.7 | 395.5 | 388.3 | 384.3 | 382.5 |
| 17.5°  | 441.0 | 435.6  | 427.5 | 414.0 | 400.0 | 389.7 | 379.8 | 373.0 | 364.5 | 360.4 | 356.4 |
| 20°    | 424.8 | 416.7  | 408.6 | 395.1 | 381.6 | 367.6 | 357.7 | 349.6 | 344.2 | 341.1 | 337.5 |
| 22.5°  | 405.4 | 397.8  | 391.0 | 376.6 | 361.8 | 348.7 | 337.9 | 333.0 | 327.6 | 322.6 | 319.0 |
| 25°    | 388.8 | 381.1  | 374.4 | 358.6 | 342.4 | 330.3 | 322.2 | 315.9 | 310.0 | 307.8 | 304.2 |
| 27.5°  | 371.2 | 364.0  | 355.0 | 339.3 | 324.9 | 314.5 | 306.0 | 300.1 | 295.6 | 291.1 | 288.4 |
| 30°    | 354.6 | 346.5  | 338.4 | 321.3 | 309.6 | 299.2 | 291.1 | 283.9 | 280.3 | 278.1 | 273.6 |
| 32.5°  | 338.4 | 328.0  | 321.3 | 305.5 | 294.3 | 284.4 | 277.6 | 271.3 | 266.8 | 262.8 | 259.2 |
| 35°    | 320.8 | 309.6  | 302.8 | 289.8 | 278.1 | 268.2 | 262.3 | 257.8 | 252.4 | 248.8 | 247.0 |
| 37.5°  | 304.2 | 294.7  | 288.0 | 274.5 | 262.8 | 254.7 | 248.4 | 242.5 | 240.3 | 235.3 | 234.4 |
| 40°    | 286.2 | 278.1  | 271.8 | 258.7 | 247.9 | 241.6 | 234.9 | 229.5 | 225.4 | 223.2 | 220.0 |
| 42.5°  | 270.0 | 263.2  | 256.5 | 244.3 | 234.0 | 226.3 | 221.4 | 216.4 | 212.8 | 209.2 | 207.0 |
| 45°    | 255.1 | 247.9  | 241.6 | 229.9 | 219.6 | 212.8 | 207.9 | 202.0 | 201.1 | 196.2 | 193.9 |
| 47.5°  | 239.4 | 233.1  | 227.7 | 215.5 | 206.1 | 199.3 | 193.5 | 189.4 | 185.4 | 183.6 | 180.4 |
| 50°    | 224.1 | 217.8  | 211.5 | 200.7 | 192.1 | 185.4 | 179.5 | 175.0 | 172.8 | 170.1 | 167.4 |
| 52.5°  | 207.4 | 202.5  | 197.5 | 186.3 | 177.7 | 171.9 | 166.9 | 161.1 | 158.8 | 156.6 | 154.8 |
| 55°    | 193.5 | 186.3  | 180.9 | 171.4 | 163.8 | 157.5 | 152.1 | 147.6 | 145.3 | 143.5 | 141.3 |
| 57.5°  | 174.6 | 170.1  | 165.6 | 157.0 | 149.8 | 143.5 | 138.1 | 134.5 | 131.8 | 130.5 | 130.9 |
| 60°    | 158.4 | 153.4  | 150.7 | 141.7 | 134.5 | 129.6 | 124.6 | 121.0 | 118.3 | 117.0 | 116.5 |
| 62.5°  | 141.3 | 137.7  | 132.7 | 126.4 | 119.2 | 114.7 | 111.1 | 108.4 | 103.9 | 103.5 | 102.1 |
| 65°    | 124.6 | 121.9  | 117.4 | 111.6 | 105.7 | 101.7 | 97.6  | 94.0  | 92.2  | 90.0  | 88.6  |
| 67.5°  | 108.4 | 105.7  | 101.7 | 96.7  | 92.7  | 88.6  | 85.0  | 81.4  | 78.3  | 76.5  | 75.6  |
| 70°    | 92.7  | 90.4   | 87.7  | 81.9  | 76.9  | 73.8  | 71.1  | 68.8  | 65.7  | 64.8  | 64.3  |
| 72.5°  | 77.4  | 75.1   | 73.8  | 68.8  | 64.3  | 61.6  | 58.9  | 56.7  | 55.3  | 54.9  | 53.5  |
| 75°    | 63.4  | 61.2   | 59.4  | 54.9  | 52.2  | 50.4  | 47.7  | 46.8  | 45.4  | 45.0  | 44.5  |
| 77.5°  | 49.5  | 47.2   | 46.8  | 43.6  | 40.5  | 39.6  | 38.7  | 36.9  | 36.9  | 36.9  | 36.0  |
| 80°    | 35.5  | 35.1   | 34.6  | 31.5  | 30.1  | 29.2  | 28.8  | 27.4  | 26.5  | 25.6  | 25.2  |
| 82.5°  | 23.8  | 23.4   | 22.9  | 21.6  | 20.2  | 19.8  | 19.3  | 18.4  | 18.4  | 18.9  | 18.0  |
| 85°    | 14.4  | 13.5   | 13.0  | 12.6  | 11.7  | 11.7  | 12.1  | 11.7  | 11.7  | 11.7  | 11.2  |
| 87.5°  | 5.4   | 5.4    | 5.4   | 5.4   | 5.8   | 4.9   | 5.4   | 5.4   | 4.9   | 4.9   | 4.5   |
| 90°    | 8.3   | 9.2    | 10.0  | 11.6  | 13.2  | 14.8  | 16.4  | 17.5  | 18.7  | 19.8  | 20.9  |
| 92.5°  | 11.3  | 10.3   | 11.0  | 12.3  | 13.7  | 15.0  | 16.4  | 17.5  | 18.7  | 19.8  | 20.9  |
| 95°    | 55.7  | 55.4   | 51.1  | 42.4  | 33.7  | 25.1  | 16.4  | 17.5  | 18.7  | 19.8  | 20.9  |
| 97.5°  | 115.2 | 115.9  | 105.1 | 83.4  | 61.8  | 40.1  | 18.5  | 18.9  | 19.4  | 19.8  | 20.3  |
| 100°   | 174.1 | 174.4  | 174.9 | 175.8 | 176.7 | 177.6 | 178.5 | 144.5 | 110.5 | 76.6  | 42.6  |
| 102.5° | 237.5 | 238.0  | 238.2 | 238.7 | 239.1 | 239.6 | 240.0 | 240.5 | 240.9 | 241.4 | 241.9 |
| 105°   | 305.2 | 305.7  | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 |
| 107.5° | 371.4 | 371.4  | 371.6 | 372.1 | 372.5 | 373.0 | 373.4 | 373.6 | 373.8 | 374.1 | 374.3 |
| 110°   | 439.1 | 439.1  | 439.3 | 439.8 | 440.2 | 440.7 | 441.1 | 440.4 | 439.7 | 439.0 | 438.3 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 505.4  | 505.7  | 505.8  | 506.1  | 506.3  | 506.6  | 506.8  | 505.9  | 505.0  | 504.1  | 503.2  |
| 115°   | 570.8  | 571.4  | 571.5  | 571.7  | 572.0  | 572.2  | 572.4  | 571.5  | 570.6  | 569.7  | 568.8  |
| 117.5° | 632.9  | 632.9  | 633.4  | 634.3  | 635.2  | 636.2  | 637.1  | 635.7  | 634.3  | 633.0  | 631.6  |
| 120°   | 693.6  | 693.5  | 693.8  | 694.5  | 695.2  | 695.8  | 696.5  | 696.1  | 695.6  | 695.2  | 694.7  |
| 122.5° | 753.4  | 754.0  | 754.1  | 754.3  | 754.6  | 754.8  | 755.0  | 754.6  | 754.1  | 753.7  | 753.2  |
| 125°   | 811.7  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  | 811.6  | 810.7  | 809.8  | 808.9  |
| 127.5° | 864.2  | 864.8  | 864.7  | 864.5  | 864.2  | 864.0  | 863.8  | 863.3  | 862.9  | 862.4  | 861.9  |
| 130°   | 913.4  | 914.0  | 914.1  | 914.4  | 914.6  | 914.9  | 915.1  | 914.4  | 913.7  | 913.0  | 912.3  |
| 132.5° | 963.6  | 964.3  | 964.0  | 963.3  | 962.6  | 961.9  | 961.2  | 961.2  | 961.2  | 961.2  | 961.2  |
| 135°   | 1009.8 | 1010.5 | 1010.3 | 1009.8 | 1009.3 | 1008.9 | 1008.4 | 1008.0 | 1007.5 | 1007.1 | 1006.6 |
| 137.5° | 1052.8 | 1053.5 | 1053.3 | 1052.8 | 1052.4 | 1051.9 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.5 |
| 140°   | 1091.3 | 1091.5 | 1091.4 | 1091.2 | 1090.9 | 1090.7 | 1090.5 | 1090.9 | 1091.4 | 1091.8 | 1092.3 |
| 142.5° | 1128.3 | 1128.4 | 1128.6 | 1129.1 | 1129.6 | 1130.0 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.5 |
| 145°   | 1166.2 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.6 | 1166.8 | 1167.1 | 1167.3 |
| 147.5° | 1197.2 | 1197.2 | 1197.3 | 1197.5 | 1197.8 | 1198.0 | 1198.2 | 1198.4 | 1198.6 | 1198.9 | 1199.1 |
| 150°   | 1226.1 | 1225.9 | 1226.1 | 1226.6 | 1227.0 | 1227.5 | 1227.9 | 1228.4 | 1228.8 | 1229.3 | 1229.8 |
| 152.5° | 1253.2 | 1252.6 | 1252.8 | 1253.3 | 1253.7 | 1254.2 | 1254.6 | 1255.1 | 1255.5 | 1256.0 | 1256.5 |
| 155°   | 1276.9 | 1276.2 | 1276.4 | 1276.9 | 1277.3 | 1277.8 | 1278.2 | 1278.9 | 1279.6 | 1280.3 | 1281.0 |
| 157.5° | 1299.0 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1299.4 | 1300.1 | 1300.8 | 1301.5 |
| 160°   | 1316.9 | 1316.2 | 1316.3 | 1316.5 | 1316.8 | 1317.0 | 1317.2 | 1318.1 | 1319.0 | 1319.9 | 1320.8 |
| 162.5° | 1333.3 | 1332.6 | 1332.7 | 1332.9 | 1333.2 | 1333.4 | 1333.6 | 1335.0 | 1336.4 | 1337.7 | 1339.1 |
| 165°   | 1347.6 | 1346.9 | 1347.0 | 1347.3 | 1347.5 | 1347.8 | 1348.0 | 1349.4 | 1350.7 | 1352.1 | 1353.4 |
| 167.5° | 1358.9 | 1358.2 | 1358.3 | 1358.5 | 1358.8 | 1359.0 | 1359.2 | 1360.8 | 1362.4 | 1364.0 | 1365.6 |
| 170°   | 1367.2 | 1366.4 | 1366.5 | 1366.8 | 1367.0 | 1367.3 | 1367.5 | 1369.3 | 1371.1 | 1373.0 | 1374.8 |
| 172.5° | 1373.4 | 1372.6 | 1372.8 | 1373.3 | 1373.7 | 1374.2 | 1374.6 | 1376.2 | 1377.8 | 1379.4 | 1381.0 |
| 175°   | 1378.4 | 1377.7 | 1377.8 | 1378.0 | 1378.3 | 1378.5 | 1378.7 | 1380.5 | 1382.3 | 1384.2 | 1386.0 |
| 177.5° | 1381.5 | 1380.8 | 1380.9 | 1381.1 | 1381.4 | 1381.6 | 1381.8 | 1383.4 | 1385.0 | 1386.6 | 1388.2 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 548.1  | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1  |
| 2.5°   | 518.8  | 519.7 | 517.5 | 516.6 | 514.8 | 517.0 | 517.5 | 517.0 | 521.1 | 519.3 | 520.2  |
| 5°     | 488.7  | 486.9 | 485.5 | 482.4 | 482.4 | 482.8 | 484.2 | 481.9 | 483.3 | 486.4 | 486.0  |
| 7.5°   | 455.4  | 454.5 | 454.9 | 451.3 | 448.6 | 449.5 | 448.6 | 452.7 | 454.9 | 454.0 | 455.8  |
| 10°    | 425.2  | 427.0 | 423.0 | 421.2 | 419.4 | 421.2 | 420.7 | 421.6 | 424.3 | 426.1 | 429.3  |
| 12.5°  | 400.9  | 400.5 | 398.2 | 396.4 | 393.3 | 394.2 | 396.9 | 396.0 | 396.4 | 400.5 | 400.0  |
| 15°    | 378.0  | 375.3 | 373.5 | 369.4 | 370.3 | 367.2 | 369.9 | 373.0 | 374.4 | 378.0 | 380.2  |
| 17.5°  | 355.0  | 354.6 | 352.3 | 351.9 | 346.9 | 345.6 | 348.3 | 349.2 | 350.5 | 352.3 | 355.5  |
| 20°    | 335.7  | 335.2 | 332.1 | 331.2 | 327.1 | 329.8 | 328.9 | 330.7 | 331.6 | 335.2 | 336.6  |
| 22.5°  | 318.1  | 315.9 | 315.0 | 313.6 | 312.3 | 311.8 | 313.6 | 313.2 | 316.3 | 317.7 | 318.1  |
| 25°    | 301.9  | 300.1 | 299.7 | 297.4 | 296.5 | 295.2 | 296.5 | 297.9 | 301.5 | 302.8 | 304.6  |
| 27.5°  | 287.1  | 285.7 | 284.8 | 283.0 | 281.7 | 281.7 | 282.6 | 284.4 | 285.7 | 286.6 | 287.5  |
| 30°    | 273.6  | 272.7 | 270.0 | 269.1 | 267.7 | 267.7 | 267.7 | 268.6 | 270.9 | 273.6 | 274.9  |
| 32.5°  | 259.6  | 257.8 | 256.0 | 256.0 | 254.7 | 254.7 | 255.1 | 256.0 | 258.3 | 258.7 | 261.0  |
| 35°    | 246.1  | 244.3 | 243.0 | 242.1 | 242.5 | 240.7 | 241.6 | 243.0 | 245.7 | 246.6 | 247.9  |
| 37.5°  | 233.1  | 232.6 | 229.9 | 228.6 | 229.5 | 229.5 | 229.0 | 229.9 | 231.7 | 233.5 | 234.4  |
| 40°    | 218.7  | 217.8 | 217.8 | 216.4 | 216.9 | 215.1 | 216.4 | 217.3 | 218.2 | 220.0 | 221.4  |
| 42.5°  | 206.1  | 205.2 | 203.4 | 203.8 | 202.5 | 202.5 | 203.4 | 203.8 | 205.2 | 207.4 | 208.3  |
| 45°    | 192.6  | 192.6 | 191.7 | 190.3 | 190.8 | 189.4 | 190.3 | 190.8 | 192.6 | 194.8 | 193.9  |
| 47.5°  | 179.5  | 179.1 | 179.1 | 177.3 | 178.2 | 176.8 | 178.2 | 178.6 | 179.5 | 180.9 | 180.4  |
| 50°    | 166.9  | 165.6 | 166.0 | 165.6 | 165.1 | 165.1 | 166.0 | 166.0 | 166.9 | 166.9 | 168.3  |
| 52.5°  | 153.9  | 153.9 | 153.0 | 153.4 | 154.3 | 153.4 | 154.8 | 153.4 | 154.3 | 154.8 | 155.7  |
| 55°    | 142.2  | 141.3 | 141.7 | 141.3 | 143.1 | 141.7 | 143.1 | 142.2 | 143.1 | 142.6 | 143.5  |
| 57.5°  | 129.6  | 128.2 | 128.7 | 128.2 | 129.6 | 129.1 | 130.5 | 129.1 | 129.6 | 130.0 | 131.4  |
| 60°    | 115.2  | 115.2 | 115.2 | 114.3 | 115.6 | 115.6 | 115.2 | 115.2 | 117.0 | 117.9 | 117.4  |
| 62.5°  | 101.7  | 101.2 | 99.9  | 99.4  | 99.9  | 99.0  | 100.8 | 100.3 | 101.2 | 102.1 | 103.0  |
| 65°    | 86.8   | 85.9  | 85.5  | 84.6  | 84.6  | 84.1  | 84.6  | 86.4  | 86.8  | 87.3  | 89.5   |
| 67.5°  | 74.7   | 74.2  | 73.8  | 72.4  | 72.4  | 73.3  | 73.3  | 73.3  | 76.0  | 74.7  | 76.5   |
| 70°    | 63.9   | 63.0  | 62.1  | 61.6  | 61.6  | 62.1  | 62.5  | 63.0  | 62.5  | 64.3  | 64.8   |
| 72.5°  | 53.5   | 54.0  | 53.1  | 53.1  | 53.1  | 52.6  | 52.6  | 53.5  | 54.0  | 53.5  | 54.0   |
| 75°    | 44.5   | 44.5  | 44.1  | 44.5  | 44.5  | 44.1  | 44.1  | 45.0  | 45.0  | 44.5  | 45.9   |
| 77.5°  | 36.0   | 35.5  | 34.6  | 33.7  | 34.2  | 33.7  | 34.2  | 33.7  | 35.1  | 36.4  | 35.5   |
| 80°    | 25.2   | 24.7  | 24.7  | 24.7  | 25.2  | 24.7  | 25.6  | 24.7  | 25.2  | 25.2  | 25.6   |
| 82.5°  | 18.0   | 18.4  | 18.4  | 18.0  | 18.4  | 18.0  | 18.4  | 18.4  | 18.4  | 18.0  | 18.4   |
| 85°    | 11.7   | 11.7  | 11.7  | 11.7  | 11.2  | 11.7  | 11.7  | 11.7  | 12.1  | 11.7  | 12.1   |
| 87.5°  | 4.9    | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 5.4   | 4.9   | 5.4    |
| 90°    | 21.5   | 21.8  | 22.5  | 23.2  | 23.9  | 24.6  | 23.9  | 23.2  | 22.5  | 21.8  | 21.5   |
| 92.5°  | 21.5   | 21.6  | 21.9  | 22.1  | 22.4  | 22.6  | 22.4  | 22.1  | 21.9  | 21.6  | 21.5   |
| 95°    | 21.5   | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5  | 21.5   |
| 97.5°  | 20.5   | 20.6  | 20.8  | 21.1  | 21.3  | 21.5  | 21.3  | 21.1  | 20.8  | 20.6  | 20.5   |
| 100°   | 25.6   | 25.1  | 24.2  | 23.3  | 22.4  | 21.5  | 22.4  | 23.3  | 24.2  | 25.1  | 25.6   |
| 102.5° | 242.1  | 232.5 | 213.4 | 194.2 | 175.1 | 155.9 | 175.1 | 194.2 | 213.4 | 232.5 | 242.1  |
| 105°   | 305.7  | 305.6 | 305.4 | 305.1 | 304.9 | 304.7 | 304.9 | 305.1 | 305.4 | 305.6 | 305.7  |
| 107.5° | 374.4  | 373.9 | 373.0 | 372.1 | 371.2 | 370.3 | 371.2 | 372.1 | 373.0 | 373.9 | 374.4  |
| 110°   | 438.0  | 438.1 | 438.4 | 438.6 | 438.9 | 439.1 | 438.9 | 438.6 | 438.4 | 438.1 | 438.0  |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 502.7  | 502.5  | 502.0  | 501.5  | 501.1  | 500.6  | 501.1  | 501.5  | 502.0  | 502.5  | 502.7  |
| 115°   | 568.3  | 567.6  | 566.3  | 564.9  | 563.6  | 562.2  | 563.6  | 564.9  | 566.3  | 567.6  | 568.3  |
| 117.5° | 630.9  | 630.7  | 630.2  | 629.7  | 629.3  | 628.8  | 629.3  | 629.7  | 630.2  | 630.7  | 630.9  |
| 120°   | 694.5  | 693.9  | 692.8  | 691.7  | 690.5  | 689.4  | 690.5  | 691.7  | 692.8  | 693.9  | 694.5  |
| 122.5° | 753.0  | 752.3  | 750.9  | 749.6  | 748.2  | 746.8  | 748.2  | 749.6  | 750.9  | 752.3  | 753.0  |
| 125°   | 808.4  | 808.1  | 807.4  | 806.7  | 806.0  | 805.3  | 806.0  | 806.7  | 807.4  | 808.1  | 808.4  |
| 127.5° | 861.7  | 860.8  | 859.0  | 857.1  | 855.3  | 853.5  | 855.3  | 857.1  | 859.0  | 860.8  | 861.7  |
| 130°   | 912.0  | 911.4  | 910.3  | 909.1  | 908.0  | 906.8  | 908.0  | 909.1  | 910.3  | 911.4  | 912.0  |
| 132.5° | 961.2  | 960.6  | 959.5  | 958.4  | 957.2  | 956.1  | 957.2  | 958.4  | 959.5  | 960.6  | 961.2  |
| 135°   | 1006.4 | 1005.7 | 1004.3 | 1003.0 | 1001.6 | 1000.2 | 1001.6 | 1003.0 | 1004.3 | 1005.7 | 1006.4 |
| 137.5° | 1051.5 | 1050.9 | 1049.8 | 1048.7 | 1047.5 | 1046.4 | 1047.5 | 1048.7 | 1049.8 | 1050.9 | 1051.5 |
| 140°   | 1092.5 | 1091.8 | 1090.5 | 1089.1 | 1087.8 | 1086.4 | 1087.8 | 1089.1 | 1090.5 | 1091.8 | 1092.5 |
| 142.5° | 1130.5 | 1129.8 | 1128.4 | 1127.1 | 1125.7 | 1124.3 | 1125.7 | 1127.1 | 1128.4 | 1129.8 | 1130.5 |
| 145°   | 1167.4 | 1166.7 | 1165.4 | 1164.0 | 1162.7 | 1161.3 | 1162.7 | 1164.0 | 1165.4 | 1166.7 | 1167.4 |
| 147.5° | 1199.2 | 1198.4 | 1196.8 | 1195.2 | 1193.6 | 1192.0 | 1193.6 | 1195.2 | 1196.8 | 1198.4 | 1199.2 |
| 150°   | 1230.0 | 1229.1 | 1227.3 | 1225.4 | 1223.6 | 1221.8 | 1223.6 | 1225.4 | 1227.3 | 1229.1 | 1230.0 |
| 152.5° | 1256.7 | 1255.9 | 1254.3 | 1252.7 | 1251.1 | 1249.5 | 1251.1 | 1252.7 | 1254.3 | 1255.9 | 1256.7 |
| 155°   | 1281.3 | 1280.4 | 1278.6 | 1276.7 | 1274.9 | 1273.1 | 1274.9 | 1276.7 | 1278.6 | 1280.4 | 1281.3 |
| 157.5° | 1301.8 | 1300.9 | 1299.1 | 1297.2 | 1295.4 | 1293.6 | 1295.4 | 1297.2 | 1299.1 | 1300.9 | 1301.8 |
| 160°   | 1321.3 | 1320.4 | 1318.6 | 1316.7 | 1314.9 | 1313.1 | 1314.9 | 1316.7 | 1318.6 | 1320.4 | 1321.3 |
| 162.5° | 1339.8 | 1338.8 | 1336.7 | 1334.6 | 1332.6 | 1330.5 | 1332.6 | 1334.6 | 1336.7 | 1338.8 | 1339.8 |
| 165°   | 1354.1 | 1353.2 | 1351.4 | 1349.5 | 1347.7 | 1345.9 | 1347.7 | 1349.5 | 1351.4 | 1353.2 | 1354.1 |
| 167.5° | 1366.4 | 1365.4 | 1363.3 | 1361.3 | 1359.2 | 1357.2 | 1359.2 | 1361.3 | 1363.3 | 1365.4 | 1366.4 |
| 170°   | 1375.7 | 1374.7 | 1372.6 | 1370.5 | 1368.5 | 1366.4 | 1368.5 | 1370.5 | 1372.6 | 1374.7 | 1375.7 |
| 172.5° | 1381.8 | 1380.8 | 1378.7 | 1376.7 | 1374.6 | 1372.6 | 1374.6 | 1376.7 | 1378.7 | 1380.8 | 1381.8 |
| 175°   | 1386.9 | 1385.9 | 1383.8 | 1381.8 | 1379.7 | 1377.7 | 1379.7 | 1381.8 | 1383.8 | 1385.9 | 1386.9 |
| 177.5° | 1389.0 | 1388.1 | 1386.3 | 1384.4 | 1382.6 | 1380.8 | 1382.6 | 1384.4 | 1386.3 | 1388.1 | 1389.0 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1 | 548.1  | 548.1 |
| 2.5°   | 518.4 | 520.6 | 518.8 | 517.5 | 521.1 | 522.9 | 522.9 | 526.0 | 529.2 | 531.9  | 532.3 |
| 5°     | 486.4 | 490.0 | 490.9 | 490.5 | 495.9 | 498.6 | 504.4 | 507.6 | 512.1 | 515.2  | 518.8 |
| 7.5°   | 457.2 | 462.1 | 462.6 | 463.5 | 471.6 | 476.1 | 481.0 | 489.1 | 495.4 | 499.9  | 504.0 |
| 10°    | 427.9 | 431.1 | 434.2 | 438.3 | 446.4 | 454.0 | 461.2 | 469.8 | 477.9 | 482.4  | 488.2 |
| 12.5°  | 405.9 | 408.1 | 411.7 | 414.4 | 423.0 | 429.7 | 439.2 | 450.9 | 462.6 | 466.2  | 473.4 |
| 15°    | 382.9 | 384.3 | 391.5 | 394.2 | 401.4 | 412.6 | 418.5 | 429.7 | 442.3 | 449.1  | 457.2 |
| 17.5°  | 356.4 | 364.5 | 369.0 | 372.1 | 381.1 | 390.1 | 399.6 | 411.3 | 427.5 | 433.8  | 439.6 |
| 20°    | 337.5 | 343.3 | 348.3 | 352.3 | 360.4 | 373.9 | 382.5 | 391.9 | 407.2 | 414.4  | 423.0 |
| 22.5°  | 320.8 | 325.8 | 330.3 | 334.8 | 340.2 | 352.3 | 362.2 | 375.3 | 390.6 | 397.3  | 407.2 |
| 25°    | 305.1 | 310.0 | 312.7 | 318.1 | 325.3 | 333.9 | 345.6 | 357.3 | 372.6 | 380.2  | 389.7 |
| 27.5°  | 289.8 | 294.7 | 299.7 | 304.2 | 309.1 | 317.2 | 325.3 | 340.2 | 355.9 | 364.9  | 373.0 |
| 30°    | 276.7 | 279.0 | 283.5 | 288.4 | 293.4 | 301.0 | 310.5 | 320.8 | 338.8 | 346.9  | 356.8 |
| 32.5°  | 262.3 | 266.4 | 269.5 | 273.1 | 279.4 | 285.7 | 294.3 | 307.3 | 321.7 | 329.4  | 340.2 |
| 35°    | 248.8 | 252.4 | 254.7 | 261.0 | 265.0 | 271.8 | 280.3 | 292.0 | 304.2 | 312.7  | 322.2 |
| 37.5°  | 235.8 | 239.4 | 242.1 | 245.7 | 251.1 | 256.9 | 265.9 | 274.5 | 288.9 | 296.1  | 306.9 |
| 40°    | 222.3 | 225.4 | 228.6 | 232.6 | 237.6 | 244.8 | 250.2 | 261.0 | 272.7 | 280.8  | 288.9 |
| 42.5°  | 209.2 | 211.0 | 214.6 | 219.1 | 224.1 | 230.4 | 238.0 | 246.6 | 258.3 | 265.5  | 272.7 |
| 45°    | 195.3 | 198.4 | 202.5 | 205.6 | 210.1 | 216.4 | 223.2 | 230.8 | 242.5 | 249.7  | 257.4 |
| 47.5°  | 182.2 | 184.5 | 187.2 | 192.1 | 198.0 | 202.5 | 209.7 | 216.9 | 227.7 | 234.4  | 241.6 |
| 50°    | 168.7 | 171.0 | 175.0 | 178.2 | 182.7 | 188.5 | 195.3 | 202.9 | 213.3 | 217.8  | 225.0 |
| 52.5°  | 156.1 | 157.0 | 161.1 | 164.2 | 168.7 | 175.5 | 180.9 | 187.6 | 197.5 | 202.5  | 209.7 |
| 55°    | 143.5 | 144.4 | 146.7 | 149.8 | 154.8 | 160.2 | 166.0 | 173.7 | 182.2 | 186.7  | 193.5 |
| 57.5°  | 130.5 | 131.4 | 133.6 | 135.9 | 140.8 | 145.8 | 152.5 | 158.8 | 167.4 | 171.4  | 177.7 |
| 60°    | 117.4 | 117.4 | 119.7 | 122.8 | 126.4 | 130.9 | 136.8 | 144.4 | 150.7 | 155.7  | 160.2 |
| 62.5°  | 103.5 | 104.8 | 106.2 | 108.4 | 112.5 | 117.9 | 122.8 | 128.2 | 135.9 | 139.5  | 143.5 |
| 65°    | 89.5  | 90.9  | 93.6  | 95.8  | 99.0  | 102.6 | 108.9 | 113.4 | 119.2 | 123.3  | 126.9 |
| 67.5°  | 77.4  | 78.7  | 80.5  | 83.2  | 85.5  | 89.5  | 94.0  | 98.5  | 104.8 | 107.5  | 110.2 |
| 70°    | 64.8  | 66.1  | 67.5  | 71.1  | 73.3  | 76.5  | 79.6  | 84.1  | 89.5  | 91.3   | 93.6  |
| 72.5°  | 54.9  | 55.3  | 57.1  | 58.0  | 61.2  | 63.9  | 67.5  | 70.2  | 74.2  | 76.5   | 78.3  |
| 75°    | 46.3  | 46.3  | 46.8  | 47.7  | 49.5  | 51.3  | 54.0  | 56.7  | 60.3  | 61.6   | 63.9  |
| 77.5°  | 36.4  | 37.8  | 37.3  | 38.2  | 39.1  | 40.0  | 42.3  | 44.1  | 47.7  | 48.6   | 49.5  |
| 80°    | 26.1  | 26.5  | 27.9  | 29.2  | 29.2  | 30.6  | 31.9  | 32.4  | 34.6  | 36.0   | 36.0  |
| 82.5°  | 18.9  | 19.3  | 18.9  | 19.3  | 19.8  | 20.2  | 21.6  | 23.4  | 23.4  | 23.8   | 24.7  |
| 85°    | 11.7  | 11.7  | 12.1  | 12.6  | 12.6  | 12.1  | 13.0  | 12.6  | 13.0  | 13.9   | 13.9  |
| 87.5°  | 5.8   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.8   | 5.4   | 5.8   | 5.8    | 5.8   |
| 90°    | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 14.8  | 13.2  | 11.6  | 10.0  | 9.2    | 8.3   |
| 92.5°  | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 15.0  | 13.7  | 12.3  | 11.0  | 10.3   | 11.3  |
| 95°    | 20.9  | 19.8  | 18.7  | 17.5  | 16.4  | 25.1  | 33.7  | 42.4  | 51.1  | 55.4   | 55.7  |
| 97.5°  | 20.3  | 19.8  | 19.4  | 18.9  | 18.5  | 40.1  | 61.8  | 83.4  | 105.1 | 115.9  | 115.2 |
| 100°   | 42.6  | 76.6  | 110.5 | 144.5 | 178.5 | 177.6 | 176.7 | 175.8 | 174.9 | 174.4  | 174.1 |
| 102.5° | 241.9 | 241.4 | 240.9 | 240.5 | 240.0 | 239.6 | 239.1 | 238.7 | 238.2 | 238.0  | 237.5 |
| 105°   | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7 | 305.7  | 305.2 |
| 107.5° | 374.3 | 374.1 | 373.8 | 373.6 | 373.4 | 373.0 | 372.5 | 372.1 | 371.6 | 371.4  | 371.4 |
| 110°   | 438.3 | 439.0 | 439.7 | 440.4 | 441.1 | 440.7 | 440.2 | 439.8 | 439.3 | 439.1  | 439.1 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 503.2  | 504.1  | 505.0  | 505.9  | 506.8  | 506.6  | 506.3  | 506.1  | 505.8  | 505.7  | 505.4  |
| 115°   | 568.8  | 569.7  | 570.6  | 571.5  | 572.4  | 572.2  | 572.0  | 571.7  | 571.5  | 571.4  | 570.8  |
| 117.5° | 631.6  | 633.0  | 634.3  | 635.7  | 637.1  | 636.2  | 635.2  | 634.3  | 633.4  | 632.9  | 632.9  |
| 120°   | 694.7  | 695.2  | 695.6  | 696.1  | 696.5  | 695.8  | 695.2  | 694.5  | 693.8  | 693.5  | 693.6  |
| 122.5° | 753.2  | 753.7  | 754.1  | 754.6  | 755.0  | 754.8  | 754.6  | 754.3  | 754.1  | 754.0  | 753.4  |
| 125°   | 808.9  | 809.8  | 810.7  | 811.6  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  | 812.5  | 811.7  |
| 127.5° | 861.9  | 862.4  | 862.9  | 863.3  | 863.8  | 864.0  | 864.2  | 864.5  | 864.7  | 864.8  | 864.2  |
| 130°   | 912.3  | 913.0  | 913.7  | 914.4  | 915.1  | 914.9  | 914.6  | 914.4  | 914.1  | 914.0  | 913.4  |
| 132.5° | 961.2  | 961.2  | 961.2  | 961.2  | 961.2  | 961.9  | 962.6  | 963.3  | 964.0  | 964.3  | 963.6  |
| 135°   | 1006.6 | 1007.1 | 1007.5 | 1008.0 | 1008.4 | 1008.9 | 1009.3 | 1009.8 | 1010.3 | 1010.5 | 1009.8 |
| 137.5° | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.5 | 1051.9 | 1052.4 | 1052.8 | 1053.3 | 1053.5 | 1052.8 |
| 140°   | 1092.3 | 1091.8 | 1091.4 | 1090.9 | 1090.5 | 1090.7 | 1090.9 | 1091.2 | 1091.4 | 1091.5 | 1091.3 |
| 142.5° | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.5 | 1130.0 | 1129.6 | 1129.1 | 1128.6 | 1128.4 | 1128.3 |
| 145°   | 1167.3 | 1167.1 | 1166.8 | 1166.6 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.4 | 1166.2 |
| 147.5° | 1199.1 | 1198.9 | 1198.6 | 1198.4 | 1198.2 | 1198.0 | 1197.8 | 1197.5 | 1197.3 | 1197.2 | 1197.2 |
| 150°   | 1229.8 | 1229.3 | 1228.8 | 1228.4 | 1227.9 | 1227.5 | 1227.0 | 1226.6 | 1226.1 | 1225.9 | 1226.1 |
| 152.5° | 1256.5 | 1256.0 | 1255.5 | 1255.1 | 1254.6 | 1254.2 | 1253.7 | 1253.3 | 1252.8 | 1252.6 | 1253.2 |
| 155°   | 1281.0 | 1280.3 | 1279.6 | 1278.9 | 1278.2 | 1277.8 | 1277.3 | 1276.9 | 1276.4 | 1276.2 | 1276.9 |
| 157.5° | 1301.5 | 1300.8 | 1300.1 | 1299.4 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1298.7 | 1299.0 |
| 160°   | 1320.8 | 1319.9 | 1319.0 | 1318.1 | 1317.2 | 1317.0 | 1316.8 | 1316.5 | 1316.3 | 1316.2 | 1316.9 |
| 162.5° | 1339.1 | 1337.7 | 1336.4 | 1335.0 | 1333.6 | 1333.4 | 1333.2 | 1332.9 | 1332.7 | 1332.6 | 1333.3 |
| 165°   | 1353.4 | 1352.1 | 1350.7 | 1349.4 | 1348.0 | 1347.8 | 1347.5 | 1347.3 | 1347.0 | 1346.9 | 1347.6 |
| 167.5° | 1365.6 | 1364.0 | 1362.4 | 1360.8 | 1359.2 | 1359.0 | 1358.8 | 1358.5 | 1358.3 | 1358.2 | 1358.9 |
| 170°   | 1374.8 | 1373.0 | 1371.1 | 1369.3 | 1367.5 | 1367.3 | 1367.0 | 1366.8 | 1366.5 | 1366.4 | 1367.2 |
| 172.5° | 1381.0 | 1379.4 | 1377.8 | 1376.2 | 1374.6 | 1374.2 | 1373.7 | 1373.3 | 1372.8 | 1372.6 | 1373.4 |
| 175°   | 1386.0 | 1384.2 | 1382.3 | 1380.5 | 1378.7 | 1378.5 | 1378.3 | 1378.0 | 1377.8 | 1377.7 | 1378.4 |
| 177.5° | 1388.2 | 1386.6 | 1385.0 | 1383.4 | 1381.8 | 1381.6 | 1381.4 | 1381.1 | 1380.9 | 1380.8 | 1381.5 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 548.1 | 548.1 | 548.1 | 548.1 |
| 2.5°   | 535.5 | 539.5 | 543.6 | 548.5 |
| 5°     | 524.7 | 531.9 | 539.5 | 546.7 |
| 7.5°   | 513.0 | 523.3 | 533.2 | 543.6 |
| 10°    | 499.9 | 513.0 | 524.2 | 538.6 |
| 12.5°  | 485.5 | 499.5 | 515.2 | 531.4 |
| 15°    | 471.1 | 488.7 | 505.3 | 523.8 |
| 17.5°  | 457.6 | 474.3 | 492.7 | 514.8 |
| 20°    | 441.4 | 459.9 | 480.6 | 504.0 |
| 22.5°  | 424.3 | 444.6 | 467.1 | 492.3 |
| 25°    | 409.9 | 430.6 | 452.2 | 478.8 |
| 27.5°  | 394.2 | 415.8 | 436.9 | 465.3 |
| 30°    | 376.2 | 399.6 | 421.2 | 450.4 |
| 32.5°  | 359.1 | 382.5 | 406.3 | 433.8 |
| 35°    | 342.4 | 365.4 | 389.2 | 417.1 |
| 37.5°  | 326.7 | 347.4 | 370.8 | 396.0 |
| 40°    | 311.8 | 330.7 | 351.4 | 374.4 |
| 42.5°  | 292.9 | 315.0 | 334.3 | 351.0 |
| 45°    | 276.7 | 294.7 | 312.7 | 326.2 |
| 47.5°  | 257.8 | 275.8 | 291.1 | 301.9 |
| 50°    | 242.1 | 256.5 | 269.1 | 278.5 |
| 52.5°  | 223.2 | 236.7 | 247.0 | 254.2 |
| 55°    | 204.7 | 216.4 | 225.4 | 230.4 |
| 57.5°  | 188.1 | 195.7 | 202.5 | 207.0 |
| 60°    | 169.6 | 175.5 | 181.3 | 186.3 |
| 62.5°  | 149.8 | 156.1 | 159.3 | 164.7 |
| 65°    | 132.3 | 136.3 | 141.3 | 143.1 |
| 67.5°  | 115.2 | 117.4 | 120.6 | 124.2 |
| 70°    | 97.2  | 98.5  | 101.7 | 106.6 |
| 72.5°  | 81.4  | 82.8  | 85.0  | 86.8  |
| 75°    | 64.8  | 66.1  | 67.9  | 69.7  |
| 77.5°  | 50.8  | 51.3  | 52.2  | 54.0  |
| 80°    | 36.9  | 38.2  | 39.1  | 39.6  |
| 82.5°  | 25.6  | 26.1  | 26.1  | 26.5  |
| 85°    | 16.2  | 15.3  | 15.3  | 15.7  |
| 87.5°  | 5.8   | 6.7   | 6.7   | 7.6   |
| 90°    | 6.5   | 4.6   | 2.8   | 1.0   |
| 92.5°  | 13.4  | 15.4  | 17.5  | 19.5  |
| 95°    | 56.4  | 57.1  | 57.8  | 58.5  |
| 97.5°  | 113.9 | 112.5 | 111.2 | 109.8 |
| 100°   | 173.4 | 172.7 | 172.0 | 171.3 |
| 102.5° | 236.6 | 235.7 | 234.8 | 233.9 |
| 105°   | 304.3 | 303.4 | 302.5 | 301.6 |
| 107.5° | 371.4 | 371.4 | 371.4 | 371.4 |
| 110°   | 439.1 | 439.1 | 439.1 | 439.1 |

TEST NUMBER: P1034791

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A\_3000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 504.7  | 504.0  | 503.4  | 502.7  |
| 115°   | 569.7  | 568.6  | 567.4  | 566.3  |
| 117.5° | 632.9  | 632.9  | 632.9  | 632.9  |
| 120°   | 693.8  | 694.1  | 694.3  | 694.5  |
| 122.5° | 752.3  | 751.2  | 750.0  | 748.9  |
| 125°   | 810.1  | 808.5  | 806.9  | 805.3  |
| 127.5° | 863.1  | 862.0  | 860.8  | 859.7  |
| 130°   | 912.3  | 911.2  | 910.0  | 908.9  |
| 132.5° | 962.2  | 960.9  | 959.5  | 958.1  |
| 135°   | 1008.4 | 1007.1 | 1005.7 | 1004.3 |
| 137.5° | 1051.5 | 1050.1 | 1048.8 | 1047.4 |
| 140°   | 1090.8 | 1090.3 | 1089.9 | 1089.4 |
| 142.5° | 1128.1 | 1127.8 | 1127.6 | 1127.4 |
| 145°   | 1165.7 | 1165.2 | 1164.8 | 1164.3 |
| 147.5° | 1197.2 | 1197.2 | 1197.2 | 1197.2 |
| 150°   | 1226.6 | 1227.0 | 1227.5 | 1227.9 |
| 152.5° | 1254.3 | 1255.4 | 1256.6 | 1257.7 |
| 155°   | 1278.2 | 1279.6 | 1280.9 | 1282.3 |
| 157.5° | 1299.7 | 1300.4 | 1301.1 | 1301.8 |
| 160°   | 1318.2 | 1319.6 | 1320.9 | 1322.3 |
| 162.5° | 1334.6 | 1336.0 | 1337.3 | 1338.7 |
| 165°   | 1349.0 | 1350.3 | 1351.7 | 1353.1 |
| 167.5° | 1360.3 | 1361.6 | 1363.0 | 1364.4 |
| 170°   | 1368.8 | 1370.4 | 1372.0 | 1373.6 |
| 172.5° | 1375.0 | 1376.6 | 1378.2 | 1379.8 |
| 175°   | 1379.8 | 1381.1 | 1382.5 | 1383.9 |
| 177.5° | 1382.8 | 1384.2 | 1385.5 | 1386.9 |
| 180°   | 1383.9 | 1383.9 | 1383.9 | 1383.9 |

(END OF REPORT)