

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: P1032950

Luminaire Tested: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1032950  
REPORT IS A COMBINATION OF REPORTS P1000311 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K  
Description: Define 4 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

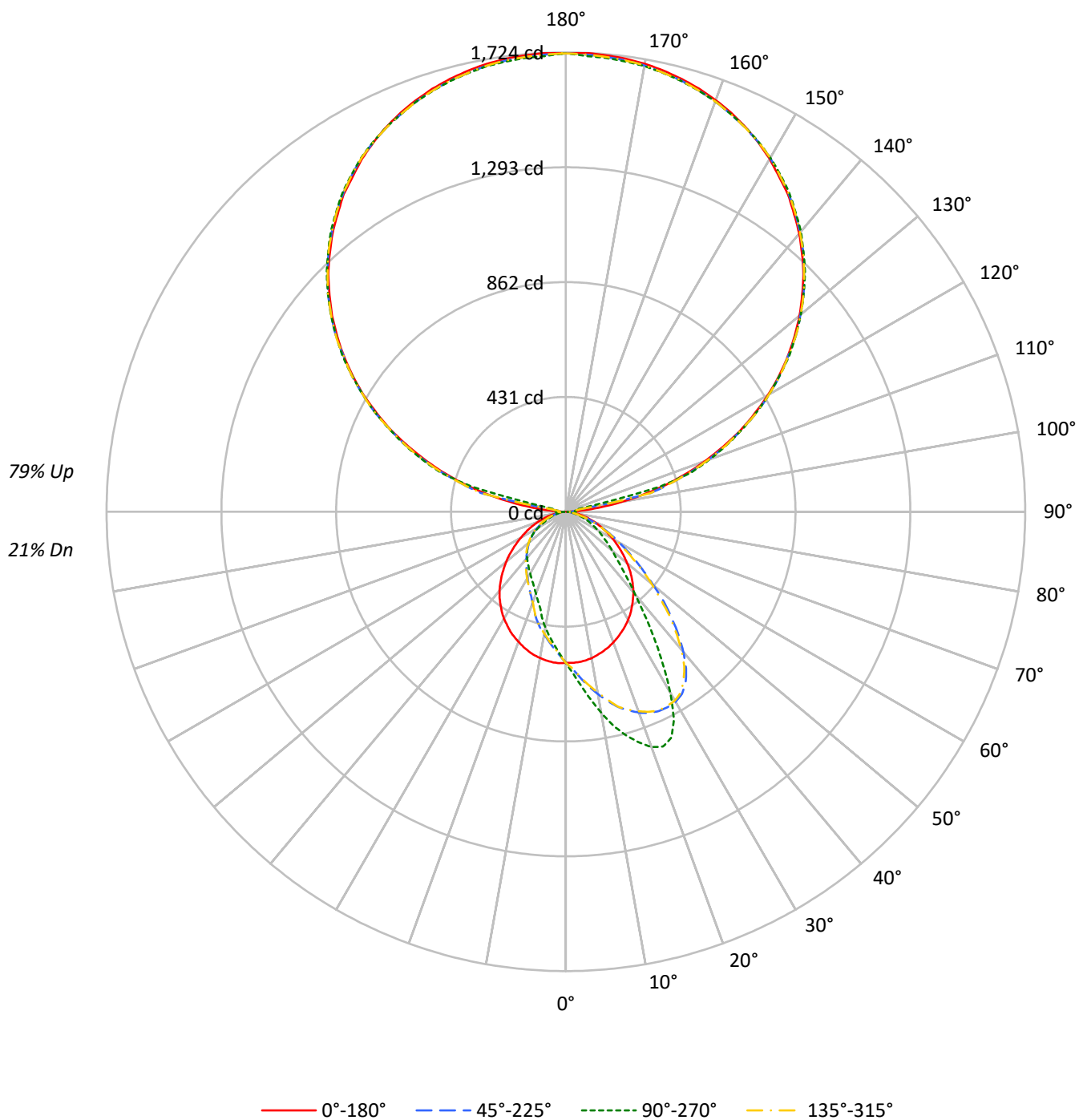
Lumens per Lamp: N/A  
Luminaire Lumens: 6759.0 lumens  
Efficiency: N/A  
Efficacy: 122.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 55.1  
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: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1032950

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 100 | 100 | 100 | 100 | 89 | 89 | 89 | 89 | 67 | 67 | 67 | 48 | 48 | 48 | 30 | 30 | 30 | 21 |    |    |
| 1   | 92  | 87  | 84  | 81  | 81 | 78 | 75 | 72 | 59 | 57 | 55 | 42 | 41 | 40 | 27 | 26 | 25 | 18 |    |    |
| 2   | 83  | 77  | 71  | 66  | 74 | 68 | 63 | 59 | 52 | 49 | 46 | 37 | 35 | 34 | 24 | 23 | 22 | 16 |    |    |
| 3   | 76  | 67  | 61  | 55  | 67 | 60 | 54 | 50 | 46 | 42 | 39 | 33 | 31 | 29 | 21 | 20 | 19 | 13 |    |    |
| 4   | 70  | 60  | 52  | 47  | 61 | 53 | 47 | 42 | 41 | 37 | 33 | 29 | 27 | 25 | 19 | 17 | 16 | 12 |    |    |
| 5   | 64  | 53  | 45  | 40  | 56 | 47 | 41 | 36 | 36 | 32 | 28 | 26 | 23 | 21 | 17 | 15 | 14 | 10 |    |    |
| 6   | 59  | 47  | 40  | 34  | 52 | 42 | 36 | 31 | 33 | 28 | 25 | 24 | 21 | 19 | 15 | 14 | 12 | 9  |    |    |
| 7   | 54  | 43  | 35  | 30  | 48 | 38 | 32 | 27 | 30 | 25 | 22 | 22 | 19 | 16 | 14 | 12 | 11 | 8  |    |    |
| 8   | 50  | 39  | 31  | 26  | 44 | 35 | 28 | 24 | 27 | 22 | 19 | 20 | 17 | 14 | 13 | 11 | 10 | 7  |    |    |
| 9   | 47  | 35  | 28  | 23  | 41 | 31 | 25 | 21 | 25 | 20 | 17 | 18 | 15 | 13 | 12 | 10 | 9  | 7  |    |    |
| 10  | 43  | 32  | 25  | 21  | 38 | 29 | 23 | 19 | 22 | 18 | 15 | 17 | 14 | 12 | 11 | 9  | 8  | 6  |    |    |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4623 | 4623 | 4623 | 4623 |
| 5°  | 4623 | 5223 | 4630 | 3992 |
| 10° | 4598 | 6021 | 4594 | 3472 |
| 15° | 4544 | 6777 | 4544 | 2907 |
| 20° | 4486 | 7348 | 4462 | 2560 |
| 25° | 4416 | 7379 | 4395 | 2312 |
| 30° | 4342 | 6274 | 4308 | 2141 |
| 35° | 4236 | 4734 | 4183 | 2014 |
| 40° | 4119 | 3431 | 4039 | 1915 |
| 45° | 3927 | 2607 | 3829 | 1828 |
| 50° | 3697 | 2107 | 3596 | 1699 |
| 55° | 3448 | 1745 | 3336 | 1527 |
| 60° | 3198 | 1476 | 3056 | 1271 |
| 65° | 2886 | 1202 | 2795 | 1009 |
| 70° | 2599 | 974  | 2476 | 820  |
| 75° | 2277 | 702  | 2118 | 602  |
| 80° | 1880 | 466  | 1711 | 442  |
| 85° | 1361 | 239  | 1128 | 239  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 5787 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.9   | 0.8       |
| 10°-20°   | 165.8  | 2.5       |
| 20°-30°   | 259.7  | 3.8       |
| 30°-40°   | 288.3  | 4.3       |
| 40°-50°   | 255.5  | 3.8       |
| 50°-60°   | 199.1  | 2.9       |
| 60°-70°   | 130.2  | 1.9       |
| 70°-80°   | 63.9   | 0.9       |
| 80°-90°   | 19.1   | 0.3       |
| 90°-100°  | 57.1   | 0.8       |
| 100°-110° | 376.0  | 5.6       |
| 110°-120° | 718.0  | 10.6      |
| 120°-130° | 911.5  | 13.5      |
| 130°-140° | 975.1  | 14.4      |
| 140°-150° | 911.8  | 13.5      |
| 150°-160° | 735.3  | 10.9      |
| 160°-170° | 474.2  | 7.0       |
| 170°-180° | 163.4  | 2.4       |
| 0°-30°    | 480.3  | 7.1       |
| 0°-40°    | 768.6  | 11.4      |
| 0°-60°    | 1223.3 | 18.1      |
| 0°-90°    | 1436.5 | 21.3      |
| 90°-120°  | 1151.1 | 17.0      |
| 90°-150°  | 3949.5 | 58.4      |
| 90°-180°  | 5322.0 | 78.7      |
| 0°-180°   | 6759.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 567  | 567  | 567  | 567  | 567  |      |
| 5°   | 566  | 655  | 567  | 501  | 566  | 54   |
| 15°  | 542  | 868  | 542  | 372  | 542  | 153  |
| 25°  | 496  | 936  | 494  | 293  | 496  | 229  |
| 35°  | 433  | 576  | 428  | 245  | 433  | 271  |
| 45°  | 349  | 295  | 340  | 206  | 349  | 269  |
| 55°  | 251  | 176  | 243  | 154  | 251  | 225  |
| 65°  | 158  | 103  | 153  | 86   | 158  | 157  |
| 75°  | 79   | 48   | 74   | 41   | 79   | 84   |
| 85°  | 19   | 11   | 16   | 11   | 19   | 21   |
| 90°  | 4    | 39   | 4    | 39   | 4    | 5    |
| 95°  | 71   | 37   | 71   | 37   | 71   | 87   |
| 105° | 387  | 367  | 387  | 367  | 387  | 405  |
| 115° | 723  | 728  | 723  | 728  | 723  | 712  |
| 125° | 1016 | 1024 | 1016 | 1024 | 1016 | 908  |
| 135° | 1261 | 1270 | 1261 | 1270 | 1261 | 971  |
| 145° | 1454 | 1462 | 1454 | 1462 | 1454 | 908  |
| 155° | 1594 | 1593 | 1594 | 1593 | 1594 | 735  |
| 165° | 1682 | 1674 | 1682 | 1674 | 1682 | 475  |
| 175° | 1720 | 1710 | 1720 | 1710 | 1720 | 164  |
| 180° | 1720 | 1720 | 1720 | 1720 | 1720 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 567.8 | 572.8 | 575.6 | 577.8 | 582.4 | 584.2 | 587.9 | 588.8 | 592.5 | 592.0 | 590.6 |
| 5°     | 566.0 | 574.6 | 581.0 | 587.9 | 596.1 | 600.7 | 605.7 | 613.0 | 616.7 | 621.7 | 624.9 |
| 7.5°   | 562.8 | 574.6 | 585.1 | 595.7 | 608.9 | 616.2 | 622.6 | 634.0 | 643.6 | 651.8 | 661.0 |
| 10°    | 557.7 | 572.8 | 588.3 | 602.5 | 620.8 | 629.5 | 639.1 | 656.0 | 669.2 | 680.6 | 695.2 |
| 12.5°  | 550.0 | 571.0 | 588.3 | 607.5 | 630.8 | 642.7 | 655.5 | 675.6 | 691.1 | 709.9 | 728.1 |
| 15°    | 541.8 | 565.1 | 587.9 | 613.0 | 639.5 | 653.2 | 666.0 | 693.0 | 716.7 | 738.2 | 758.3 |
| 17.5°  | 532.6 | 558.2 | 583.3 | 611.2 | 643.2 | 660.1 | 675.1 | 707.6 | 733.6 | 761.5 | 781.6 |
| 20°    | 521.7 | 549.5 | 578.3 | 609.4 | 645.4 | 664.2 | 681.1 | 718.1 | 746.9 | 777.0 | 802.1 |
| 22.5°  | 509.8 | 539.9 | 571.4 | 605.2 | 642.7 | 663.3 | 682.9 | 722.6 | 756.0 | 783.9 | 817.7 |
| 25°    | 496.5 | 528.5 | 560.9 | 596.6 | 638.6 | 661.0 | 681.1 | 720.4 | 756.0 | 792.5 | 825.4 |
| 27.5°  | 482.8 | 515.7 | 549.5 | 587.0 | 629.9 | 651.8 | 674.7 | 712.6 | 754.2 | 793.9 | 827.2 |
| 30°    | 467.8 | 499.7 | 535.4 | 571.0 | 616.7 | 638.6 | 661.9 | 703.0 | 748.2 | 788.0 | 824.1 |
| 32.5°  | 451.3 | 484.2 | 518.0 | 555.0 | 599.8 | 623.5 | 645.0 | 691.6 | 737.7 | 777.0 | 810.8 |
| 35°    | 433.0 | 464.1 | 496.1 | 534.0 | 578.3 | 599.8 | 625.3 | 673.8 | 720.4 | 761.9 | 783.9 |
| 37.5°  | 413.4 | 443.1 | 472.8 | 510.2 | 552.7 | 578.8 | 603.9 | 652.8 | 702.1 | 730.0 | 741.4 |
| 40°    | 395.1 | 421.2 | 447.2 | 483.3 | 526.2 | 553.2 | 578.8 | 629.5 | 672.9 | 694.3 | 685.6 |
| 42.5°  | 371.8 | 398.8 | 422.1 | 455.4 | 498.8 | 523.9 | 550.0 | 602.5 | 637.7 | 646.4 | 624.9 |
| 45°    | 349.0 | 371.4 | 393.8 | 426.2 | 471.9 | 493.3 | 521.2 | 570.1 | 599.3 | 591.5 | 560.0 |
| 47.5°  | 326.6 | 344.9 | 365.9 | 397.4 | 438.5 | 464.1 | 490.1 | 532.6 | 553.2 | 542.2 | 498.4 |
| 50°    | 300.1 | 318.4 | 340.3 | 367.7 | 407.5 | 432.1 | 452.7 | 492.0 | 507.5 | 480.5 | 427.6 |
| 52.5°  | 275.0 | 291.0 | 309.7 | 335.3 | 373.2 | 395.6 | 418.0 | 451.8 | 456.8 | 425.7 | 370.0 |
| 55°    | 251.2 | 264.0 | 283.7 | 304.2 | 338.9 | 362.7 | 378.2 | 407.0 | 405.6 | 366.8 | 318.8 |
| 57.5°  | 226.6 | 238.4 | 251.7 | 273.2 | 306.0 | 323.9 | 340.8 | 365.9 | 352.6 | 319.8 | 272.2 |
| 60°    | 204.6 | 211.5 | 224.7 | 245.3 | 273.2 | 288.7 | 301.9 | 315.6 | 304.2 | 268.6 | 232.0 |
| 62.5°  | 180.4 | 188.2 | 197.8 | 214.2 | 238.9 | 253.5 | 263.1 | 269.0 | 257.2 | 229.8 | 196.4 |
| 65°    | 157.6 | 164.4 | 174.5 | 189.1 | 207.8 | 218.8 | 223.8 | 227.9 | 221.5 | 190.5 | 164.0 |
| 67.5°  | 137.0 | 141.6 | 150.7 | 160.3 | 180.4 | 183.2 | 190.0 | 191.9 | 179.1 | 155.3 | 134.3 |
| 70°    | 116.5 | 121.0 | 125.2 | 136.6 | 145.7 | 150.7 | 152.1 | 152.1 | 139.3 | 123.8 | 106.4 |
| 72.5°  | 97.3  | 100.0 | 104.1 | 111.9 | 116.9 | 120.6 | 122.4 | 120.1 | 108.3 | 95.5  | 82.7  |
| 75°    | 79.0  | 80.4  | 84.0  | 89.1  | 93.2  | 91.8  | 91.4  | 88.6  | 79.9  | 70.8  | 63.5  |
| 77.5°  | 60.8  | 61.7  | 65.8  | 67.1  | 67.1  | 68.5  | 66.7  | 64.0  | 56.6  | 49.8  | 46.6  |
| 80°    | 45.7  | 47.0  | 47.5  | 48.4  | 47.5  | 47.5  | 46.1  | 41.6  | 37.9  | 34.7  | 32.4  |
| 82.5°  | 31.5  | 32.4  | 32.9  | 31.5  | 32.4  | 31.1  | 28.8  | 25.6  | 23.3  | 22.8  | 21.9  |
| 85°    | 18.7  | 19.2  | 18.7  | 18.7  | 17.4  | 16.9  | 15.1  | 14.6  | 13.7  | 13.7  | 13.2  |
| 87.5°  | 9.1   | 8.7   | 7.8   | 6.9   | 6.9   | 6.4   | 6.9   | 5.9   | 6.9   | 6.4   | 5.9   |
| 90°    | 3.9   | 7.0   | 10.2  | 13.3  | 16.4  | 18.0  | 19.1  | 21.4  | 23.7  | 26.0  | 28.3  |
| 92.5°  | 19.3  | 18.7  | 18.1  | 17.6  | 17.0  | 16.7  | 17.8  | 20.1  | 22.4  | 24.7  | 27.0  |
| 95°    | 70.8  | 61.1  | 51.3  | 41.6  | 31.9  | 27.0  | 27.1  | 27.4  | 27.7  | 28.0  | 28.3  |
| 97.5°  | 135.1 | 141.4 | 147.7 | 154.0 | 160.3 | 163.4 | 148.4 | 118.4 | 88.3  | 58.3  | 28.3  |
| 100°   | 211.0 | 216.1 | 221.3 | 226.4 | 231.5 | 234.1 | 214.4 | 174.9 | 135.5 | 96.0  | 56.6  |
| 102.5° | 295.9 | 299.3 | 302.7 | 306.2 | 309.6 | 311.3 | 313.0 | 316.5 | 319.9 | 323.4 | 326.8 |
| 105°   | 387.2 | 388.9 | 390.7 | 392.4 | 394.1 | 395.0 | 395.7 | 397.1 | 398.6 | 400.0 | 401.4 |
| 107.5° | 470.9 | 471.7 | 472.6 | 473.4 | 474.3 | 474.7 | 475.7 | 477.7 | 479.7 | 481.7 | 483.7 |
| 110°   | 555.8 | 556.6 | 557.5 | 558.3 | 559.2 | 559.6 | 560.5 | 562.2 | 563.9 | 565.6 | 567.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 638.1  | 639.8  | 641.5  | 643.2  | 644.9  | 645.8  | 646.1  | 646.7  | 647.2  | 647.8  | 648.4  |
| 115°   | 723.0  | 723.9  | 724.7  | 725.6  | 726.5  | 726.9  | 726.8  | 726.5  | 726.2  | 725.9  | 725.6  |
| 117.5° | 798.9  | 800.1  | 801.2  | 802.4  | 803.5  | 804.1  | 804.5  | 805.4  | 806.2  | 807.1  | 807.9  |
| 120°   | 876.1  | 877.3  | 878.4  | 879.6  | 880.7  | 881.3  | 881.2  | 880.9  | 880.6  | 880.3  | 880.0  |
| 122.5° | 948.2  | 948.8  | 949.3  | 949.9  | 950.4  | 950.7  | 951.0  | 951.6  | 952.1  | 952.7  | 953.3  |
| 125°   | 1016.3 | 1017.5 | 1018.6 | 1019.8 | 1020.9 | 1021.5 | 1021.2 | 1020.6 | 1020.1 | 1019.5 | 1018.9 |
| 127.5° | 1081.9 | 1082.2 | 1082.5 | 1082.8 | 1083.1 | 1083.2 | 1083.9 | 1085.4 | 1086.8 | 1088.3 | 1089.7 |
| 130°   | 1145.0 | 1145.3 | 1145.6 | 1145.9 | 1146.2 | 1146.3 | 1146.7 | 1147.6 | 1148.4 | 1149.3 | 1150.1 |
| 132.5° | 1202.9 | 1203.5 | 1204.1 | 1204.6 | 1205.2 | 1205.5 | 1206.1 | 1207.2 | 1208.3 | 1209.5 | 1210.6 |
| 135°   | 1260.8 | 1260.5 | 1260.2 | 1259.9 | 1259.6 | 1259.5 | 1260.1 | 1261.2 | 1262.3 | 1263.5 | 1264.6 |
| 137.5° | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.9 | 1314.4 | 1315.8 | 1317.3 | 1318.7 |
| 140°   | 1362.4 | 1363.0 | 1363.6 | 1364.1 | 1364.7 | 1365.0 | 1365.3 | 1365.9 | 1366.4 | 1367.0 | 1367.6 |
| 142.5° | 1407.4 | 1408.6 | 1409.7 | 1410.9 | 1412.0 | 1412.6 | 1412.7 | 1413.0 | 1413.3 | 1413.6 | 1413.9 |
| 145°   | 1453.7 | 1454.6 | 1455.4 | 1456.3 | 1457.2 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 |
| 147.5° | 1489.8 | 1491.5 | 1493.2 | 1494.9 | 1496.6 | 1497.5 | 1497.4 | 1497.1 | 1496.8 | 1496.5 | 1496.2 |
| 150°   | 1529.6 | 1530.8 | 1531.9 | 1533.1 | 1534.2 | 1534.8 | 1534.7 | 1534.4 | 1534.1 | 1533.8 | 1533.5 |
| 152.5° | 1563.1 | 1564.0 | 1564.8 | 1565.7 | 1566.6 | 1567.0 | 1566.7 | 1566.1 | 1565.6 | 1565.0 | 1564.4 |
| 155°   | 1594.0 | 1594.3 | 1594.6 | 1594.9 | 1595.2 | 1595.3 | 1594.9 | 1594.0 | 1593.1 | 1592.3 | 1591.4 |
| 157.5° | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1620.4 | 1619.3 | 1618.1 | 1617.0 | 1615.8 |
| 160°   | 1644.1 | 1643.3 | 1642.4 | 1641.6 | 1640.7 | 1640.3 | 1640.2 | 1639.9 | 1639.6 | 1639.3 | 1639.0 |
| 162.5° | 1664.7 | 1663.6 | 1662.4 | 1661.3 | 1660.2 | 1659.6 | 1659.5 | 1659.2 | 1658.9 | 1658.6 | 1658.3 |
| 165°   | 1681.5 | 1680.1 | 1678.6 | 1677.2 | 1675.7 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 |
| 167.5° | 1695.6 | 1694.2 | 1692.8 | 1691.3 | 1689.9 | 1689.2 | 1689.1 | 1688.8 | 1688.5 | 1688.2 | 1687.9 |
| 170°   | 1707.2 | 1705.5 | 1703.8 | 1702.1 | 1700.4 | 1699.5 | 1699.6 | 1699.9 | 1700.2 | 1700.5 | 1700.8 |
| 172.5° | 1714.9 | 1713.2 | 1711.5 | 1709.8 | 1708.1 | 1707.2 | 1707.3 | 1707.6 | 1707.9 | 1708.2 | 1708.5 |
| 175°   | 1720.1 | 1718.4 | 1716.6 | 1714.9 | 1713.2 | 1712.3 | 1712.4 | 1712.7 | 1713.0 | 1713.3 | 1713.6 |
| 177.5° | 1723.9 | 1721.9 | 1719.9 | 1717.9 | 1715.9 | 1714.9 | 1715.2 | 1715.8 | 1716.3 | 1716.9 | 1717.5 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 594.3 | 599.3 | 599.8 | 604.3 | 603.0 | 600.7 | 604.8 | 602.1 | 607.5 | 605.7 | 608.0 |
| 5°     | 629.0 | 635.9 | 641.8 | 645.4 | 651.8 | 650.5 | 657.3 | 655.0 | 660.1 | 655.0 | 661.4 |
| 7.5°   | 669.7 | 681.1 | 687.0 | 696.6 | 699.3 | 699.8 | 708.0 | 709.9 | 713.1 | 709.9 | 713.5 |
| 10°    | 709.4 | 723.1 | 736.8 | 744.6 | 749.6 | 756.4 | 763.8 | 767.0 | 769.2 | 766.0 | 768.3 |
| 12.5°  | 745.5 | 767.0 | 782.0 | 797.6 | 801.2 | 807.1 | 814.9 | 814.0 | 823.1 | 821.3 | 825.4 |
| 15°    | 778.8 | 802.6 | 820.9 | 833.2 | 843.2 | 848.3 | 862.9 | 863.8 | 863.3 | 867.9 | 865.2 |
| 17.5°  | 808.5 | 828.6 | 854.7 | 870.6 | 883.0 | 883.0 | 891.2 | 908.1 | 906.7 | 906.3 | 909.0 |
| 20°    | 832.7 | 855.6 | 879.8 | 906.7 | 916.8 | 918.6 | 930.0 | 938.7 | 940.1 | 940.1 | 940.1 |
| 22.5°  | 851.0 | 878.0 | 904.0 | 923.2 | 930.9 | 937.3 | 947.4 | 952.9 | 954.7 | 953.8 | 954.7 |
| 25°    | 860.1 | 885.7 | 912.2 | 929.6 | 934.1 | 937.8 | 938.7 | 941.9 | 941.4 | 936.0 | 939.2 |
| 27.5°  | 862.0 | 886.6 | 904.0 | 908.6 | 906.3 | 904.0 | 889.4 | 890.7 | 886.6 | 878.4 | 881.6 |
| 30°    | 853.7 | 867.0 | 866.5 | 852.4 | 848.3 | 838.7 | 825.4 | 805.8 | 789.8 | 782.9 | 785.2 |
| 32.5°  | 824.1 | 824.1 | 807.6 | 775.6 | 761.5 | 744.1 | 720.4 | 702.5 | 681.5 | 677.0 | 685.6 |
| 35°    | 782.9 | 759.6 | 729.5 | 687.5 | 666.0 | 653.2 | 612.1 | 599.3 | 581.5 | 576.5 | 580.6 |
| 37.5°  | 719.0 | 680.2 | 636.3 | 597.0 | 578.8 | 555.9 | 519.8 | 501.6 | 488.8 | 480.1 | 484.2 |
| 40°    | 647.3 | 600.2 | 554.5 | 506.1 | 486.0 | 467.3 | 440.3 | 423.9 | 403.3 | 404.3 | 405.6 |
| 42.5°  | 578.8 | 523.5 | 472.3 | 427.6 | 408.4 | 392.8 | 374.1 | 354.0 | 346.7 | 344.4 | 342.1 |
| 45°    | 506.1 | 447.2 | 399.2 | 365.9 | 348.5 | 333.9 | 316.6 | 305.1 | 296.5 | 294.6 | 296.9 |
| 47.5°  | 437.6 | 387.8 | 342.1 | 311.1 | 296.9 | 289.6 | 275.9 | 265.4 | 259.9 | 255.3 | 258.1 |
| 50°    | 375.5 | 328.9 | 292.3 | 266.3 | 256.3 | 251.2 | 238.4 | 233.0 | 227.5 | 226.1 | 225.7 |
| 52.5°  | 324.3 | 284.6 | 253.1 | 232.0 | 224.3 | 221.5 | 212.0 | 204.2 | 199.6 | 201.0 | 201.9 |
| 55°    | 277.7 | 243.9 | 219.3 | 202.4 | 196.0 | 192.8 | 185.9 | 180.4 | 177.2 | 175.9 | 176.8 |
| 57.5°  | 236.6 | 207.4 | 189.6 | 175.9 | 170.8 | 169.5 | 162.2 | 160.3 | 158.0 | 156.7 | 156.7 |
| 60°    | 199.2 | 178.6 | 162.2 | 154.4 | 148.9 | 147.5 | 142.1 | 139.8 | 139.3 | 138.0 | 137.0 |
| 62.5°  | 167.6 | 150.7 | 139.3 | 131.1 | 128.8 | 128.4 | 124.7 | 122.0 | 120.6 | 119.7 | 119.7 |
| 65°    | 140.2 | 127.9 | 118.3 | 112.4 | 110.5 | 109.6 | 105.5 | 104.6 | 103.7 | 102.8 | 102.3 |
| 67.5°  | 116.9 | 106.0 | 99.1  | 95.0  | 92.7  | 93.2  | 90.9  | 89.1  | 89.1  | 88.6  | 88.2  |
| 70°    | 94.6  | 87.7  | 81.8  | 79.5  | 78.6  | 77.7  | 76.7  | 75.4  | 74.9  | 74.9  | 74.9  |
| 72.5°  | 74.5  | 69.9  | 66.7  | 65.3  | 64.4  | 63.5  | 62.6  | 62.6  | 62.6  | 62.1  | 62.1  |
| 75°    | 57.1  | 55.3  | 53.0  | 51.6  | 51.6  | 52.5  | 51.2  | 49.8  | 48.4  | 47.5  | 48.0  |
| 77.5°  | 42.9  | 42.0  | 40.7  | 38.4  | 38.8  | 37.9  | 37.9  | 37.0  | 37.5  | 37.5  | 36.5  |
| 80°    | 31.5  | 30.1  | 29.7  | 28.3  | 28.8  | 28.3  | 27.9  | 27.9  | 27.0  | 27.0  | 27.0  |
| 82.5°  | 21.9  | 20.6  | 20.6  | 20.1  | 19.6  | 19.6  | 19.2  | 19.2  | 19.6  | 18.7  | 18.7  |
| 85°    | 13.2  | 12.8  | 12.8  | 11.9  | 11.9  | 11.9  | 11.9  | 12.3  | 11.9  | 11.4  | 11.4  |
| 87.5°  | 5.9   | 6.4   | 5.9   | 5.5   | 5.5   | 5.5   | 5.0   | 5.0   | 4.6   | 5.0   | 5.0   |
| 90°    | 30.0  | 31.7  | 33.4  | 35.1  | 36.0  | 36.3  | 36.9  | 37.4  | 38.0  | 38.6  | 38.0  |
| 92.5°  | 28.7  | 30.4  | 32.1  | 33.8  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  |
| 95°    | 30.0  | 31.7  | 33.4  | 35.1  | 36.0  | 36.1  | 36.4  | 36.7  | 37.0  | 37.3  | 37.0  |
| 97.5°  | 29.7  | 31.1  | 32.6  | 34.0  | 34.7  | 34.8  | 35.1  | 35.4  | 35.7  | 36.0  | 35.7  |
| 100°   | 51.7  | 46.9  | 42.0  | 37.1  | 34.7  | 34.8  | 35.1  | 35.4  | 35.7  | 36.0  | 35.7  |
| 102.5° | 262.5 | 198.1 | 133.8 | 69.5  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  |
| 105°   | 404.0 | 406.6 | 409.1 | 411.7 | 413.0 | 407.9 | 397.6 | 387.3 | 377.0 | 366.7 | 377.0 |
| 107.5° | 485.1 | 486.6 | 488.0 | 489.5 | 490.2 | 490.8 | 491.9 | 493.0 | 494.2 | 495.3 | 494.2 |
| 110°   | 567.9 | 568.5 | 569.0 | 569.6 | 569.9 | 570.3 | 571.2 | 572.1 | 572.9 | 573.8 | 572.9 |

TEST NUMBER: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 648.1  | 647.8  | 647.5  | 647.2  | 647.1  | 647.7  | 648.8  | 650.0  | 651.1  | 652.3  | 651.1  |
| 115°   | 726.2  | 726.8  | 727.3  | 727.9  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  |
| 117.5° | 807.6  | 807.3  | 807.0  | 806.7  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  |
| 120°   | 880.6  | 881.1  | 881.7  | 882.2  | 882.5  | 882.2  | 881.7  | 881.1  | 880.6  | 880.0  | 880.6  |
| 122.5° | 953.6  | 953.9  | 954.2  | 954.5  | 954.6  | 954.3  | 953.7  | 953.2  | 952.6  | 952.0  | 952.6  |
| 125°   | 1019.8 | 1020.6 | 1021.5 | 1022.4 | 1022.8 | 1022.9 | 1023.2 | 1023.5 | 1023.8 | 1024.1 | 1023.8 |
| 127.5° | 1089.4 | 1089.1 | 1088.8 | 1088.5 | 1088.4 | 1088.3 | 1088.0 | 1087.7 | 1087.4 | 1087.1 | 1087.4 |
| 130°   | 1150.4 | 1150.7 | 1151.0 | 1151.3 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 |
| 132.5° | 1210.9 | 1211.2 | 1211.5 | 1211.8 | 1211.9 | 1211.8 | 1211.5 | 1211.2 | 1210.9 | 1210.6 | 1210.9 |
| 135°   | 1265.2 | 1265.8 | 1266.3 | 1266.9 | 1267.2 | 1267.5 | 1268.1 | 1268.6 | 1269.2 | 1269.8 | 1269.2 |
| 137.5° | 1319.3 | 1319.8 | 1320.4 | 1320.9 | 1321.2 | 1321.1 | 1320.8 | 1320.5 | 1320.3 | 1320.0 | 1320.3 |
| 140°   | 1368.4 | 1369.3 | 1370.1 | 1371.0 | 1371.4 | 1371.5 | 1371.8 | 1372.1 | 1372.4 | 1372.7 | 1372.4 |
| 142.5° | 1414.5 | 1415.0 | 1415.6 | 1416.1 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 |
| 145°   | 1457.9 | 1458.2 | 1458.5 | 1458.8 | 1458.9 | 1459.2 | 1459.8 | 1460.3 | 1460.9 | 1461.5 | 1460.9 |
| 147.5° | 1496.5 | 1496.8 | 1497.1 | 1497.4 | 1497.5 | 1497.6 | 1497.9 | 1498.2 | 1498.5 | 1498.8 | 1498.5 |
| 150°   | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.6 | 1533.9 | 1534.2 | 1534.5 | 1534.8 | 1534.5 |
| 152.5° | 1565.0 | 1565.6 | 1566.1 | 1566.7 | 1567.0 | 1566.9 | 1566.6 | 1566.3 | 1566.0 | 1565.7 | 1566.0 |
| 155°   | 1592.5 | 1593.7 | 1594.8 | 1595.9 | 1596.5 | 1596.1 | 1595.2 | 1594.4 | 1593.5 | 1592.7 | 1593.5 |
| 157.5° | 1617.2 | 1618.7 | 1620.1 | 1621.6 | 1622.3 | 1621.6 | 1620.1 | 1618.7 | 1617.2 | 1615.8 | 1617.2 |
| 160°   | 1640.7 | 1642.4 | 1644.1 | 1645.8 | 1646.7 | 1645.8 | 1644.1 | 1642.4 | 1640.7 | 1639.0 | 1640.7 |
| 162.5° | 1660.0 | 1661.7 | 1663.4 | 1665.1 | 1666.0 | 1665.0 | 1663.0 | 1661.0 | 1659.0 | 1657.0 | 1659.0 |
| 165°   | 1677.3 | 1679.6 | 1681.9 | 1684.2 | 1685.3 | 1684.0 | 1681.4 | 1678.9 | 1676.3 | 1673.7 | 1676.3 |
| 167.5° | 1690.5 | 1693.1 | 1695.6 | 1698.2 | 1699.5 | 1698.1 | 1695.2 | 1692.3 | 1689.5 | 1686.6 | 1689.5 |
| 170°   | 1703.1 | 1705.3 | 1707.6 | 1709.9 | 1711.0 | 1709.6 | 1706.7 | 1703.9 | 1701.0 | 1698.2 | 1701.0 |
| 172.5° | 1710.8 | 1713.1 | 1715.4 | 1717.7 | 1718.8 | 1717.2 | 1714.1 | 1710.9 | 1707.8 | 1704.6 | 1707.8 |
| 175°   | 1716.2 | 1718.8 | 1721.3 | 1723.9 | 1725.2 | 1723.5 | 1720.1 | 1716.6 | 1713.2 | 1709.8 | 1713.2 |
| 177.5° | 1719.8 | 1722.1 | 1724.4 | 1726.7 | 1727.8 | 1726.1 | 1722.6 | 1719.2 | 1715.7 | 1712.3 | 1715.7 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

TEST NUMBER: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4FO-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9 | 566.9 | 566.9  | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 609.4 | 606.2 | 605.7 | 605.7  | 600.7 | 603.4 | 597.9 | 592.0 | 589.3 | 589.3 | 584.2 |
| 5°     | 660.1 | 656.9 | 653.7 | 648.6  | 648.6 | 645.9 | 637.2 | 628.5 | 622.1 | 616.7 | 610.7 |
| 7.5°   | 712.1 | 708.9 | 699.8 | 694.8  | 697.5 | 692.0 | 680.6 | 666.0 | 655.0 | 646.4 | 634.0 |
| 10°    | 768.8 | 760.1 | 755.5 | 752.8  | 743.2 | 737.3 | 724.0 | 702.5 | 688.8 | 677.4 | 661.4 |
| 12.5°  | 814.9 | 817.7 | 800.3 | 801.7  | 792.1 | 783.9 | 763.3 | 742.7 | 722.2 | 706.2 | 682.4 |
| 15°    | 864.7 | 856.5 | 846.0 | 837.8  | 834.6 | 824.5 | 807.1 | 779.7 | 757.4 | 732.2 | 705.3 |
| 17.5°  | 904.0 | 897.6 | 887.5 | 879.8  | 872.9 | 848.7 | 834.1 | 809.9 | 779.3 | 754.6 | 721.7 |
| 20°    | 937.3 | 931.4 | 917.2 | 912.2  | 899.9 | 882.5 | 861.5 | 824.1 | 796.6 | 769.7 | 737.7 |
| 22.5°  | 951.5 | 945.6 | 933.2 | 926.8  | 919.1 | 902.2 | 882.1 | 846.4 | 812.6 | 778.8 | 745.0 |
| 25°    | 939.6 | 939.6 | 933.7 | 931.4  | 924.5 | 909.5 | 888.9 | 858.8 | 822.7 | 786.1 | 745.9 |
| 27.5°  | 882.1 | 893.5 | 897.6 | 899.9  | 899.9 | 900.3 | 886.2 | 856.9 | 821.8 | 786.1 | 744.1 |
| 30°    | 798.9 | 818.1 | 835.0 | 840.0  | 848.7 | 858.3 | 864.2 | 850.1 | 818.6 | 781.1 | 739.1 |
| 32.5°  | 694.3 | 719.0 | 750.5 | 758.3  | 770.1 | 798.9 | 814.9 | 820.9 | 803.5 | 770.6 | 725.8 |
| 35°    | 590.2 | 621.2 | 640.4 | 664.2  | 675.1 | 717.6 | 753.2 | 774.7 | 770.6 | 751.0 | 710.3 |
| 37.5°  | 499.3 | 517.1 | 540.4 | 565.5  | 587.4 | 628.1 | 672.4 | 714.0 | 730.9 | 721.3 | 690.7 |
| 40°    | 412.0 | 433.0 | 460.9 | 481.5  | 496.5 | 537.2 | 592.0 | 637.2 | 674.2 | 680.2 | 661.4 |
| 42.5°  | 350.4 | 371.4 | 388.3 | 410.7  | 422.5 | 461.8 | 510.2 | 566.9 | 610.7 | 634.0 | 625.8 |
| 45°    | 302.9 | 315.6 | 329.3 | 342.1  | 356.8 | 391.5 | 436.2 | 498.4 | 547.7 | 580.6 | 583.8 |
| 47.5°  | 261.3 | 272.7 | 284.6 | 296.5  | 304.7 | 331.6 | 372.7 | 423.4 | 477.3 | 522.6 | 540.4 |
| 50°    | 232.0 | 237.5 | 246.2 | 253.1  | 262.7 | 286.0 | 318.8 | 362.7 | 419.8 | 468.7 | 492.0 |
| 52.5°  | 203.3 | 210.1 | 217.0 | 222.9  | 229.3 | 245.8 | 275.9 | 313.8 | 363.1 | 413.4 | 442.2 |
| 55°    | 179.1 | 184.5 | 190.9 | 195.0  | 198.7 | 213.3 | 236.2 | 265.4 | 307.9 | 355.4 | 391.0 |
| 57.5°  | 159.4 | 161.7 | 167.2 | 169.5  | 173.6 | 185.5 | 201.9 | 227.9 | 262.2 | 308.3 | 337.6 |
| 60°    | 138.0 | 142.5 | 146.6 | 148.5  | 151.7 | 159.9 | 171.3 | 195.5 | 225.2 | 259.0 | 292.3 |
| 62.5°  | 120.6 | 122.4 | 125.6 | 127.9  | 130.2 | 138.9 | 148.5 | 166.7 | 189.1 | 217.4 | 248.0 |
| 65°    | 104.6 | 105.5 | 107.3 | 110.5  | 111.9 | 118.3 | 123.8 | 137.0 | 158.0 | 179.5 | 210.1 |
| 67.5°  | 88.2  | 89.1  | 91.4  | 93.2   | 94.6  | 98.7  | 104.6 | 114.2 | 125.6 | 149.4 | 166.3 |
| 70°    | 75.4  | 75.4  | 76.7  | 77.7   | 79.0  | 80.9  | 84.0  | 91.4  | 101.9 | 116.9 | 132.5 |
| 72.5°  | 63.0  | 63.0  | 63.0  | 64.4   | 64.4  | 65.8  | 67.6  | 72.6  | 79.9  | 91.8  | 101.9 |
| 75°    | 48.9  | 49.3  | 50.2  | 50.2   | 50.7  | 52.5  | 53.9  | 55.3  | 58.9  | 66.7  | 75.8  |
| 77.5°  | 37.0  | 37.9  | 38.4  | 37.5   | 38.4  | 38.4  | 40.2  | 42.0  | 43.9  | 46.1  | 53.0  |
| 80°    | 27.4  | 27.9  | 27.0  | 27.4   | 27.4  | 28.3  | 29.2  | 28.8  | 29.7  | 32.4  | 34.3  |
| 82.5°  | 18.3  | 18.7  | 18.7  | 18.7   | 18.7  | 20.1  | 20.1  | 19.6  | 20.1  | 20.6  | 21.0  |
| 85°    | 11.4  | 11.0  | 11.0  | 11.4   | 11.0  | 11.0  | 11.4  | 11.9  | 11.4  | 11.9  | 12.3  |
| 87.5°  | 5.0   | 5.0   | 5.0   | 5.0    | 4.6   | 4.6   | 5.0   | 4.6   | 5.0   | 4.6   | 4.1   |
| 90°    | 37.4  | 36.9  | 36.3  | 36.0   | 35.1  | 33.4  | 31.7  | 30.0  | 28.3  | 26.0  | 23.7  |
| 92.5°  | 34.7  | 34.7  | 34.7  | 34.7   | 33.8  | 32.1  | 30.4  | 28.7  | 27.0  | 24.7  | 22.4  |
| 95°    | 36.7  | 36.4  | 36.1  | 36.0   | 35.1  | 33.4  | 31.7  | 30.0  | 28.3  | 28.0  | 27.7  |
| 97.5°  | 35.4  | 35.1  | 34.8  | 34.7   | 34.0  | 32.6  | 31.1  | 29.7  | 28.3  | 58.3  | 88.3  |
| 100°   | 35.4  | 35.1  | 34.8  | 34.7   | 37.1  | 42.0  | 46.9  | 51.7  | 56.6  | 96.0  | 135.5 |
| 102.5° | 37.3  | 37.3  | 37.3  | 37.3   | 69.5  | 133.8 | 198.1 | 262.5 | 326.8 | 323.4 | 319.9 |
| 105°   | 387.3 | 397.6 | 407.9 | 413.0  | 411.7 | 409.1 | 406.6 | 404.0 | 401.4 | 400.0 | 398.6 |
| 107.5° | 493.0 | 491.9 | 490.8 | 490.2  | 489.5 | 488.0 | 486.6 | 485.1 | 483.7 | 481.7 | 479.7 |
| 110°   | 572.1 | 571.2 | 570.3 | 569.9  | 569.6 | 569.0 | 568.5 | 567.9 | 567.3 | 565.6 | 563.9 |

TEST NUMBER: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 650.0  | 648.8  | 647.7  | 647.1  | 647.2  | 647.5  | 647.8  | 648.1  | 648.4  | 647.8  | 647.2  |
| 115°   | 728.2  | 728.2  | 728.2  | 728.2  | 727.9  | 727.3  | 726.8  | 726.2  | 725.6  | 725.9  | 726.2  |
| 117.5° | 806.6  | 806.6  | 806.6  | 806.6  | 806.7  | 807.0  | 807.3  | 807.6  | 807.9  | 807.1  | 806.2  |
| 120°   | 881.1  | 881.7  | 882.2  | 882.5  | 882.2  | 881.7  | 881.1  | 880.6  | 880.0  | 880.3  | 880.6  |
| 122.5° | 953.2  | 953.7  | 954.3  | 954.6  | 954.5  | 954.2  | 953.9  | 953.6  | 953.3  | 952.7  | 952.1  |
| 125°   | 1023.5 | 1023.2 | 1022.9 | 1022.8 | 1022.4 | 1021.5 | 1020.6 | 1019.8 | 1018.9 | 1019.5 | 1020.1 |
| 127.5° | 1087.7 | 1088.0 | 1088.3 | 1088.4 | 1088.5 | 1088.8 | 1089.1 | 1089.4 | 1089.7 | 1088.3 | 1086.8 |
| 130°   | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.3 | 1151.0 | 1150.7 | 1150.4 | 1150.1 | 1149.3 | 1148.4 |
| 132.5° | 1211.2 | 1211.5 | 1211.8 | 1211.9 | 1211.8 | 1211.5 | 1211.2 | 1210.9 | 1210.6 | 1209.5 | 1208.3 |
| 135°   | 1268.6 | 1268.1 | 1267.5 | 1267.2 | 1266.9 | 1266.3 | 1265.8 | 1265.2 | 1264.6 | 1263.5 | 1262.3 |
| 137.5° | 1320.5 | 1320.8 | 1321.1 | 1321.2 | 1320.9 | 1320.4 | 1319.8 | 1319.3 | 1318.7 | 1317.3 | 1315.8 |
| 140°   | 1372.1 | 1371.8 | 1371.5 | 1371.4 | 1371.0 | 1370.1 | 1369.3 | 1368.4 | 1367.6 | 1367.0 | 1366.4 |
| 142.5° | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.1 | 1415.6 | 1415.0 | 1414.5 | 1413.9 | 1413.6 | 1413.3 |
| 145°   | 1460.3 | 1459.8 | 1459.2 | 1458.9 | 1458.8 | 1458.5 | 1458.2 | 1457.9 | 1457.6 | 1457.6 | 1457.6 |
| 147.5° | 1498.2 | 1497.9 | 1497.6 | 1497.5 | 1497.4 | 1497.1 | 1496.8 | 1496.5 | 1496.2 | 1496.5 | 1496.8 |
| 150°   | 1534.2 | 1533.9 | 1533.6 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.8 | 1534.1 |
| 152.5° | 1566.3 | 1566.6 | 1566.9 | 1567.0 | 1566.7 | 1566.1 | 1565.6 | 1565.0 | 1564.4 | 1565.0 | 1565.6 |
| 155°   | 1594.4 | 1595.2 | 1596.1 | 1596.5 | 1595.9 | 1594.8 | 1593.7 | 1592.5 | 1591.4 | 1592.3 | 1593.1 |
| 157.5° | 1618.7 | 1620.1 | 1621.6 | 1622.3 | 1621.6 | 1620.1 | 1618.7 | 1617.2 | 1615.8 | 1617.0 | 1618.1 |
| 160°   | 1642.4 | 1644.1 | 1645.8 | 1646.7 | 1645.8 | 1644.1 | 1642.4 | 1640.7 | 1639.0 | 1639.3 | 1639.6 |
| 162.5° | 1661.0 | 1663.0 | 1665.0 | 1666.0 | 1665.1 | 1663.4 | 1661.7 | 1660.0 | 1658.3 | 1658.6 | 1658.9 |
| 165°   | 1678.9 | 1681.4 | 1684.0 | 1685.3 | 1684.2 | 1681.9 | 1679.6 | 1677.3 | 1675.0 | 1675.0 | 1675.0 |
| 167.5° | 1692.3 | 1695.2 | 1698.1 | 1699.5 | 1698.2 | 1695.6 | 1693.1 | 1690.5 | 1687.9 | 1688.2 | 1688.5 |
| 170°   | 1703.9 | 1706.7 | 1709.6 | 1711.0 | 1709.9 | 1707.6 | 1705.3 | 1703.1 | 1700.8 | 1700.5 | 1700.2 |
| 172.5° | 1710.9 | 1714.1 | 1717.2 | 1718.8 | 1717.7 | 1715.4 | 1713.1 | 1710.8 | 1708.5 | 1708.2 | 1707.9 |
| 175°   | 1716.6 | 1720.1 | 1723.5 | 1725.2 | 1723.9 | 1721.3 | 1718.8 | 1716.2 | 1713.6 | 1713.3 | 1713.0 |
| 177.5° | 1719.2 | 1722.6 | 1726.1 | 1727.8 | 1726.7 | 1724.4 | 1722.1 | 1719.8 | 1717.5 | 1716.9 | 1716.3 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9 | 566.9  | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 581.5 | 579.2 | 577.8  | 577.4 | 573.3 | 571.0 | 569.6 | 568.7 | 567.3 | 563.7 | 560.5 |
| 5°     | 603.4 | 597.0 | 593.8  | 590.2 | 583.8 | 576.5 | 570.5 | 566.9 | 562.3 | 555.0 | 548.1 |
| 7.5°   | 624.0 | 614.4 | 608.0  | 603.0 | 592.0 | 580.1 | 570.5 | 562.8 | 554.1 | 544.0 | 534.4 |
| 10°    | 645.4 | 629.9 | 621.7  | 613.9 | 597.9 | 582.4 | 568.7 | 557.3 | 545.0 | 531.7 | 521.2 |
| 12.5°  | 662.3 | 641.8 | 632.7  | 621.7 | 602.1 | 583.8 | 566.4 | 550.9 | 534.9 | 520.7 | 505.7 |
| 15°    | 682.0 | 656.4 | 645.9  | 631.7 | 604.8 | 581.0 | 558.7 | 541.8 | 525.3 | 504.3 | 488.3 |
| 17.5°  | 693.4 | 663.7 | 648.6  | 636.3 | 607.1 | 578.3 | 552.3 | 531.2 | 512.1 | 491.1 | 474.1 |
| 20°    | 704.8 | 671.0 | 654.1  | 636.8 | 602.1 | 571.4 | 544.0 | 518.9 | 498.8 | 476.0 | 458.6 |
| 22.5°  | 708.5 | 669.2 | 651.4  | 635.4 | 598.9 | 564.6 | 533.1 | 507.5 | 484.2 | 461.4 | 441.7 |
| 25°    | 708.5 | 668.7 | 647.7  | 627.2 | 588.8 | 553.6 | 522.1 | 494.2 | 468.2 | 445.4 | 425.7 |
| 27.5°  | 701.2 | 659.6 | 637.7  | 619.0 | 579.2 | 541.3 | 508.9 | 478.3 | 453.1 | 430.3 | 407.9 |
| 30°    | 692.0 | 646.4 | 624.4  | 602.1 | 563.7 | 527.6 | 492.4 | 464.1 | 437.6 | 411.6 | 391.5 |
| 32.5°  | 680.6 | 632.2 | 608.0  | 585.1 | 544.5 | 507.0 | 474.6 | 446.7 | 421.6 | 394.7 | 372.3 |
| 35°    | 664.2 | 611.2 | 584.2  | 564.1 | 524.9 | 486.0 | 455.0 | 427.6 | 403.3 | 375.5 | 351.3 |
| 37.5°  | 643.2 | 592.0 | 564.6  | 539.9 | 499.3 | 463.6 | 434.4 | 407.9 | 384.2 | 358.6 | 331.6 |
| 40°    | 618.5 | 565.1 | 541.3  | 515.3 | 472.3 | 438.5 | 411.1 | 387.4 | 363.6 | 339.4 | 313.4 |
| 42.5°  | 590.6 | 537.6 | 511.1  | 486.0 | 444.9 | 411.6 | 386.0 | 364.5 | 342.6 | 320.2 | 292.3 |
| 45°    | 557.3 | 507.5 | 481.9  | 458.2 | 418.4 | 384.2 | 360.9 | 340.3 | 321.6 | 298.7 | 274.1 |
| 47.5°  | 519.8 | 476.4 | 450.4  | 424.8 | 386.0 | 356.3 | 333.5 | 316.1 | 300.1 | 277.3 | 254.9 |
| 50°    | 483.3 | 440.3 | 419.3  | 393.3 | 357.7 | 329.8 | 306.5 | 291.9 | 279.6 | 257.2 | 237.1 |
| 52.5°  | 437.1 | 404.7 | 384.6  | 362.2 | 328.0 | 299.7 | 281.4 | 268.6 | 254.0 | 236.6 | 218.8 |
| 55°    | 396.5 | 366.3 | 350.4  | 329.3 | 295.5 | 270.4 | 254.9 | 243.0 | 231.6 | 216.1 | 201.9 |
| 57.5°  | 350.4 | 331.6 | 315.6  | 297.4 | 264.0 | 242.6 | 228.9 | 218.8 | 208.3 | 195.5 | 184.1 |
| 60°    | 301.9 | 293.3 | 277.7  | 263.1 | 234.8 | 216.1 | 204.6 | 195.5 | 185.5 | 175.0 | 165.4 |
| 62.5°  | 259.0 | 254.0 | 244.8  | 233.4 | 206.9 | 190.9 | 179.5 | 172.7 | 165.4 | 155.8 | 146.6 |
| 65°    | 218.3 | 216.1 | 207.4  | 199.2 | 180.9 | 166.7 | 156.7 | 152.6 | 144.3 | 137.0 | 128.8 |
| 67.5°  | 182.3 | 179.5 | 174.5  | 170.8 | 155.3 | 142.1 | 137.0 | 131.6 | 124.7 | 119.2 | 112.4 |
| 70°    | 145.7 | 145.3 | 142.1  | 137.5 | 129.3 | 119.7 | 114.7 | 111.0 | 104.1 | 100.0 | 95.0  |
| 72.5°  | 113.3 | 115.6 | 112.8  | 111.0 | 105.5 | 98.7  | 94.1  | 91.8  | 86.3  | 83.1  | 79.5  |
| 75°    | 84.5  | 86.3  | 87.7   | 84.5  | 83.1  | 79.9  | 75.8  | 73.5  | 70.8  | 66.2  | 64.9  |
| 77.5°  | 57.6  | 61.7  | 61.7   | 62.6  | 63.0  | 61.2  | 58.0  | 56.2  | 53.0  | 52.1  | 50.2  |
| 80°    | 37.9  | 41.6  | 42.0   | 42.9  | 44.3  | 44.3  | 42.0  | 41.6  | 38.4  | 37.9  | 36.5  |
| 82.5°  | 21.9  | 25.1  | 27.0   | 28.3  | 27.9  | 29.7  | 27.9  | 27.4  | 25.6  | 25.6  | 24.7  |
| 85°    | 11.9  | 12.3  | 13.2   | 14.2  | 15.1  | 16.0  | 16.0  | 15.5  | 15.1  | 14.6  | 13.7  |
| 87.5°  | 4.6   | 4.6   | 5.0    | 4.6   | 5.0   | 5.9   | 6.4   | 6.4   | 5.9   | 5.5   | 4.6   |
| 90°    | 21.4  | 19.1  | 18.0   | 16.4  | 13.3  | 10.2  | 7.0   | 3.9   | 7.0   | 10.2  | 13.3  |
| 92.5°  | 20.1  | 17.8  | 16.7   | 17.0  | 17.6  | 18.1  | 18.7  | 19.3  | 18.7  | 18.1  | 17.6  |
| 95°    | 27.4  | 27.1  | 27.0   | 31.9  | 41.6  | 51.3  | 61.1  | 70.8  | 61.1  | 51.3  | 41.6  |
| 97.5°  | 118.4 | 148.4 | 163.4  | 160.3 | 154.0 | 147.7 | 141.4 | 135.1 | 141.4 | 147.7 | 154.0 |
| 100°   | 174.9 | 214.4 | 234.1  | 231.5 | 226.4 | 221.3 | 216.1 | 211.0 | 216.1 | 221.3 | 226.4 |
| 102.5° | 316.5 | 313.0 | 311.3  | 309.6 | 306.2 | 302.7 | 299.3 | 295.9 | 299.3 | 302.7 | 306.2 |
| 105°   | 397.1 | 395.7 | 395.0  | 394.1 | 392.4 | 390.7 | 388.9 | 387.2 | 388.9 | 390.7 | 392.4 |
| 107.5° | 477.7 | 475.7 | 474.7  | 474.3 | 473.4 | 472.6 | 471.7 | 470.9 | 471.7 | 472.6 | 473.4 |
| 110°   | 562.2 | 560.5 | 559.6  | 559.2 | 558.3 | 557.5 | 556.6 | 555.8 | 556.6 | 557.5 | 558.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 646.7  | 646.1  | 645.8  | 644.9  | 643.2  | 641.5  | 639.8  | 638.1  | 639.8  | 641.5  | 643.2  |
| 115°   | 726.5  | 726.8  | 726.9  | 726.5  | 725.6  | 724.7  | 723.9  | 723.0  | 723.9  | 724.7  | 725.6  |
| 117.5° | 805.4  | 804.5  | 804.1  | 803.5  | 802.4  | 801.2  | 800.1  | 798.9  | 800.1  | 801.2  | 802.4  |
| 120°   | 880.9  | 881.2  | 881.3  | 880.7  | 879.6  | 878.4  | 877.3  | 876.1  | 877.3  | 878.4  | 879.6  |
| 122.5° | 951.6  | 951.0  | 950.7  | 950.4  | 949.9  | 949.3  | 948.8  | 948.2  | 948.8  | 949.3  | 949.9  |
| 125°   | 1020.6 | 1021.2 | 1021.5 | 1020.9 | 1019.8 | 1018.6 | 1017.5 | 1016.3 | 1017.5 | 1018.6 | 1019.8 |
| 127.5° | 1085.4 | 1083.9 | 1083.2 | 1083.1 | 1082.8 | 1082.5 | 1082.2 | 1081.9 | 1082.2 | 1082.5 | 1082.8 |
| 130°   | 1147.6 | 1146.7 | 1146.3 | 1146.2 | 1145.9 | 1145.6 | 1145.3 | 1145.0 | 1145.3 | 1145.6 | 1145.9 |
| 132.5° | 1207.2 | 1206.1 | 1205.5 | 1205.2 | 1204.6 | 1204.1 | 1203.5 | 1202.9 | 1203.5 | 1204.1 | 1204.6 |
| 135°   | 1261.2 | 1260.1 | 1259.5 | 1259.6 | 1259.9 | 1260.2 | 1260.5 | 1260.8 | 1260.5 | 1260.2 | 1259.9 |
| 137.5° | 1314.4 | 1312.9 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 | 1312.2 |
| 140°   | 1365.9 | 1365.3 | 1365.0 | 1364.7 | 1364.1 | 1363.6 | 1363.0 | 1362.4 | 1363.0 | 1363.6 | 1364.1 |
| 142.5° | 1413.0 | 1412.7 | 1412.6 | 1412.0 | 1410.9 | 1409.7 | 1408.6 | 1407.4 | 1408.6 | 1409.7 | 1410.9 |
| 145°   | 1457.6 | 1457.6 | 1457.6 | 1457.2 | 1456.3 | 1455.4 | 1454.6 | 1453.7 | 1454.6 | 1455.4 | 1456.3 |
| 147.5° | 1497.1 | 1497.4 | 1497.5 | 1496.6 | 1494.9 | 1493.2 | 1491.5 | 1489.8 | 1491.5 | 1493.2 | 1494.9 |
| 150°   | 1534.4 | 1534.7 | 1534.8 | 1534.2 | 1533.1 | 1531.9 | 1530.8 | 1529.6 | 1530.8 | 1531.9 | 1533.1 |
| 152.5° | 1566.1 | 1566.7 | 1567.0 | 1566.6 | 1565.7 | 1564.8 | 1564.0 | 1563.1 | 1564.0 | 1564.8 | 1565.7 |
| 155°   | 1594.0 | 1594.9 | 1595.3 | 1595.2 | 1594.9 | 1594.6 | 1594.3 | 1594.0 | 1594.3 | 1594.6 | 1594.9 |
| 157.5° | 1619.3 | 1620.4 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 | 1621.0 |
| 160°   | 1639.9 | 1640.2 | 1640.3 | 1640.7 | 1641.6 | 1642.4 | 1643.3 | 1644.1 | 1643.3 | 1642.4 | 1641.6 |
| 162.5° | 1659.2 | 1659.5 | 1659.6 | 1660.2 | 1661.3 | 1662.4 | 1663.6 | 1664.7 | 1663.6 | 1662.4 | 1661.3 |
| 165°   | 1675.0 | 1675.0 | 1675.0 | 1675.7 | 1677.2 | 1678.6 | 1680.1 | 1681.5 | 1680.1 | 1678.6 | 1677.2 |
| 167.5° | 1688.8 | 1689.1 | 1689.2 | 1689.9 | 1691.3 | 1692.8 | 1694.2 | 1695.6 | 1694.2 | 1692.8 | 1691.3 |
| 170°   | 1699.9 | 1699.6 | 1699.5 | 1700.4 | 1702.1 | 1703.8 | 1705.5 | 1707.2 | 1705.5 | 1703.8 | 1702.1 |
| 172.5° | 1707.6 | 1707.3 | 1707.2 | 1708.1 | 1709.8 | 1711.5 | 1713.2 | 1714.9 | 1713.2 | 1711.5 | 1709.8 |
| 175°   | 1712.7 | 1712.4 | 1712.3 | 1713.2 | 1714.9 | 1716.6 | 1718.4 | 1720.1 | 1718.4 | 1716.6 | 1714.9 |
| 177.5° | 1715.8 | 1715.2 | 1714.9 | 1715.9 | 1717.9 | 1719.9 | 1721.9 | 1723.9 | 1721.9 | 1719.9 | 1717.9 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9  | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 557.7 | 556.8  | 555.9 | 552.3 | 549.1 | 543.6 | 539.0 | 537.2 | 536.7 | 537.2 | 535.8 |
| 5°     | 541.8 | 541.3  | 538.1 | 531.7 | 525.8 | 519.4 | 514.8 | 510.2 | 507.5 | 507.5 | 504.3 |
| 7.5°   | 526.7 | 523.5  | 520.7 | 512.5 | 505.7 | 497.0 | 490.1 | 486.0 | 483.7 | 478.7 | 478.7 |
| 10°    | 510.7 | 506.1  | 502.5 | 494.7 | 484.7 | 476.0 | 467.3 | 462.3 | 458.2 | 454.5 | 453.1 |
| 12.5°  | 494.7 | 491.1  | 484.2 | 476.0 | 465.9 | 455.0 | 445.8 | 442.2 | 432.6 | 424.8 | 425.3 |
| 15°    | 479.6 | 471.4  | 468.2 | 456.3 | 444.5 | 434.0 | 420.7 | 410.2 | 402.4 | 397.4 | 391.0 |
| 17.5°  | 462.7 | 454.5  | 448.6 | 438.5 | 423.0 | 406.5 | 393.8 | 379.6 | 371.8 | 363.1 | 359.0 |
| 20°    | 444.0 | 437.1  | 432.6 | 416.6 | 397.9 | 378.2 | 364.1 | 355.4 | 346.7 | 340.3 | 336.7 |
| 22.5°  | 428.0 | 419.3  | 413.9 | 392.4 | 371.8 | 352.2 | 341.2 | 333.9 | 326.6 | 321.1 | 319.3 |
| 25°    | 407.5 | 402.4  | 389.2 | 370.5 | 345.3 | 332.1 | 322.5 | 312.9 | 308.8 | 305.1 | 301.0 |
| 27.5°  | 390.6 | 378.2  | 369.1 | 344.4 | 328.9 | 313.8 | 304.2 | 296.9 | 291.9 | 288.2 | 285.0 |
| 30°    | 369.5 | 358.1  | 345.3 | 324.8 | 310.6 | 296.5 | 287.8 | 281.8 | 276.4 | 274.1 | 271.3 |
| 32.5°  | 347.6 | 337.1  | 324.8 | 308.3 | 291.0 | 280.0 | 273.2 | 266.8 | 263.1 | 260.8 | 257.6 |
| 35°    | 328.0 | 314.7  | 306.5 | 291.0 | 276.8 | 264.5 | 258.1 | 252.6 | 248.5 | 247.6 | 247.1 |
| 37.5°  | 307.0 | 296.9  | 289.1 | 273.2 | 261.3 | 250.8 | 244.8 | 238.9 | 236.6 | 236.2 | 234.3 |
| 40°    | 288.7 | 280.0  | 272.7 | 257.6 | 244.8 | 235.2 | 230.7 | 227.0 | 224.7 | 224.7 | 224.3 |
| 42.5°  | 272.7 | 263.6  | 256.3 | 242.6 | 231.1 | 222.5 | 217.4 | 213.8 | 212.9 | 213.3 | 212.9 |
| 45°    | 254.9 | 247.1  | 239.8 | 225.7 | 216.1 | 209.7 | 204.2 | 202.4 | 201.0 | 201.4 | 201.9 |
| 47.5°  | 238.0 | 231.6  | 224.3 | 212.9 | 201.9 | 195.0 | 191.9 | 190.0 | 190.0 | 190.0 | 190.9 |
| 50°    | 222.9 | 215.6  | 209.2 | 197.3 | 187.3 | 181.8 | 179.1 | 176.8 | 177.2 | 177.7 | 178.1 |
| 52.5°  | 205.1 | 198.7  | 194.1 | 182.3 | 175.0 | 168.1 | 164.9 | 165.4 | 164.9 | 164.9 | 165.8 |
| 55°    | 189.6 | 183.2  | 178.6 | 167.6 | 160.3 | 155.8 | 153.0 | 151.7 | 152.1 | 151.2 | 153.0 |
| 57.5°  | 172.2 | 166.7  | 163.5 | 153.0 | 146.6 | 142.5 | 140.2 | 138.0 | 138.9 | 138.4 | 138.0 |
| 60°    | 157.1 | 150.7  | 145.7 | 138.4 | 132.9 | 127.9 | 126.5 | 124.2 | 125.2 | 124.2 | 123.8 |
| 62.5°  | 139.8 | 134.8  | 131.1 | 123.8 | 119.2 | 115.1 | 111.9 | 110.5 | 110.1 | 108.7 | 107.3 |
| 65°    | 122.4 | 119.7  | 116.0 | 108.7 | 104.1 | 101.0 | 99.1  | 97.8  | 97.3  | 93.6  | 89.5  |
| 67.5°  | 106.4 | 104.6  | 101.0 | 95.5  | 91.4  | 88.2  | 85.4  | 83.1  | 80.4  | 77.7  | 75.4  |
| 70°    | 91.4  | 88.6   | 86.3  | 81.3  | 77.7  | 74.5  | 71.7  | 69.0  | 67.6  | 64.9  | 64.0  |
| 72.5°  | 76.7  | 74.0   | 71.7  | 67.1  | 64.0  | 60.8  | 59.8  | 56.6  | 55.3  | 54.8  | 54.8  |
| 75°    | 61.7  | 59.4   | 58.0  | 53.9  | 51.2  | 48.9  | 47.5  | 46.6  | 45.7  | 44.8  | 43.4  |
| 77.5°  | 47.0  | 45.7   | 44.8  | 42.0  | 39.7  | 38.4  | 37.9  | 34.7  | 33.8  | 32.9  | 32.0  |
| 80°    | 34.3  | 33.8   | 32.9  | 30.6  | 29.7  | 26.5  | 26.5  | 25.6  | 25.1  | 25.1  | 25.1  |
| 82.5°  | 23.3  | 22.4   | 21.9  | 19.6  | 19.2  | 18.7  | 18.3  | 17.8  | 18.3  | 17.8  | 18.3  |
| 85°    | 12.3  | 11.9   | 11.4  | 11.4  | 11.4  | 11.4  | 11.4  | 11.4  | 11.4  | 11.0  | 11.4  |
| 87.5°  | 4.6   | 4.6    | 4.6   | 4.6   | 4.1   | 4.6   | 4.6   | 4.1   | 4.6   | 4.6   | 4.6   |
| 90°    | 16.4  | 18.0   | 19.1  | 21.4  | 23.7  | 26.0  | 28.3  | 30.0  | 31.7  | 33.4  | 35.1  |
| 92.5°  | 17.0  | 16.7   | 17.8  | 20.1  | 22.4  | 24.7  | 27.0  | 28.7  | 30.4  | 32.1  | 33.8  |
| 95°    | 31.9  | 27.0   | 27.1  | 27.4  | 27.7  | 28.0  | 28.3  | 30.0  | 31.7  | 33.4  | 35.1  |
| 97.5°  | 160.3 | 163.4  | 148.4 | 118.4 | 88.3  | 58.3  | 28.3  | 29.7  | 31.1  | 32.6  | 34.0  |
| 100°   | 231.5 | 234.1  | 214.4 | 174.9 | 135.5 | 96.0  | 56.6  | 51.7  | 46.9  | 42.0  | 37.1  |
| 102.5° | 309.6 | 311.3  | 313.0 | 316.5 | 319.9 | 323.4 | 326.8 | 262.5 | 198.1 | 133.8 | 69.5  |
| 105°   | 394.1 | 395.0  | 395.7 | 397.1 | 398.6 | 400.0 | 401.4 | 404.0 | 406.6 | 409.1 | 411.7 |
| 107.5° | 474.3 | 474.7  | 475.7 | 477.7 | 479.7 | 481.7 | 483.7 | 485.1 | 486.6 | 488.0 | 489.5 |
| 110°   | 559.2 | 559.6  | 560.5 | 562.2 | 563.9 | 565.6 | 567.3 | 567.9 | 568.5 | 569.0 | 569.6 |

TEST NUMBER: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 644.9  | 645.8  | 646.1  | 646.7  | 647.2  | 647.8  | 648.4  | 648.1  | 647.8  | 647.5  | 647.2  |
| 115°   | 726.5  | 726.9  | 726.8  | 726.5  | 726.2  | 725.9  | 725.6  | 726.2  | 726.8  | 727.3  | 727.9  |
| 117.5° | 803.5  | 804.1  | 804.5  | 805.4  | 806.2  | 807.1  | 807.9  | 807.6  | 807.3  | 807.0  | 806.7  |
| 120°   | 880.7  | 881.3  | 881.2  | 880.9  | 880.6  | 880.3  | 880.0  | 880.6  | 881.1  | 881.7  | 882.2  |
| 122.5° | 950.4  | 950.7  | 951.0  | 951.6  | 952.1  | 952.7  | 953.3  | 953.6  | 953.9  | 954.2  | 954.5  |
| 125°   | 1020.9 | 1021.5 | 1021.2 | 1020.6 | 1020.1 | 1019.5 | 1018.9 | 1019.8 | 1020.6 | 1021.5 | 1022.4 |
| 127.5° | 1083.1 | 1083.2 | 1083.9 | 1085.4 | 1086.8 | 1088.3 | 1089.7 | 1089.4 | 1089.1 | 1088.8 | 1088.5 |
| 130°   | 1146.2 | 1146.3 | 1146.7 | 1147.6 | 1148.4 | 1149.3 | 1150.1 | 1150.4 | 1150.7 | 1151.0 | 1151.3 |
| 132.5° | 1205.2 | 1205.5 | 1206.1 | 1207.2 | 1208.3 | 1209.5 | 1210.6 | 1210.9 | 1211.2 | 1211.5 | 1211.8 |
| 135°   | 1259.6 | 1259.5 | 1260.1 | 1261.2 | 1262.3 | 1263.5 | 1264.6 | 1265.2 | 1265.8 | 1266.3 | 1266.9 |
| 137.5° | 1312.2 | 1312.2 | 1312.9 | 1314.4 | 1315.8 | 1317.3 | 1318.7 | 1319.3 | 1319.8 | 1320.4 | 1320.9 |
| 140°   | 1364.7 | 1365.0 | 1365.3 | 1365.9 | 1366.4 | 1367.0 | 1367.6 | 1368.4 | 1369.3 | 1370.1 | 1371.0 |
| 142.5° | 1412.0 | 1412.6 | 1412.7 | 1413.0 | 1413.3 | 1413.6 | 1413.9 | 1414.5 | 1415.0 | 1415.6 | 1416.1 |
| 145°   | 1457.2 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.9 | 1458.2 | 1458.5 | 1458.8 |
| 147.5° | 1496.6 | 1497.5 | 1497.4 | 1497.1 | 1496.8 | 1496.5 | 1496.2 | 1496.5 | 1496.8 | 1497.1 | 1497.4 |
| 150°   | 1534.2 | 1534.8 | 1534.7 | 1534.4 | 1534.1 | 1533.8 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.5 |
| 152.5° | 1566.6 | 1567.0 | 1566.7 | 1566.1 | 1565.6 | 1565.0 | 1564.4 | 1565.0 | 1565.6 | 1566.1 | 1566.7 |
| 155°   | 1595.2 | 1595.3 | 1594.9 | 1594.0 | 1593.1 | 1592.3 | 1591.4 | 1592.5 | 1593.7 | 1594.8 | 1595.9 |
| 157.5° | 1621.0 | 1621.0 | 1620.4 | 1619.3 | 1618.1 | 1617.0 | 1615.8 | 1617.2 | 1618.7 | 1620.1 | 1621.6 |
| 160°   | 1640.7 | 1640.3 | 1640.2 | 1639.9 | 1639.6 | 1639.3 | 1639.0 | 1640.7 | 1642.4 | 1644.1 | 1645.8 |
| 162.5° | 1660.2 | 1659.6 | 1659.5 | 1659.2 | 1658.9 | 1658.6 | 1658.3 | 1660.0 | 1661.7 | 1663.4 | 1665.1 |
| 165°   | 1675.7 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1677.3 | 1679.6 | 1681.9 | 1684.2 |
| 167.5° | 1689.9 | 1689.2 | 1689.1 | 1688.8 | 1688.5 | 1688.2 | 1687.9 | 1690.5 | 1693.1 | 1695.6 | 1698.2 |
| 170°   | 1700.4 | 1699.5 | 1699.6 | 1699.9 | 1700.2 | 1700.5 | 1700.8 | 1703.1 | 1705.3 | 1707.6 | 1709.9 |
| 172.5° | 1708.1 | 1707.2 | 1707.3 | 1707.6 | 1707.9 | 1708.2 | 1708.5 | 1710.8 | 1713.1 | 1715.4 | 1717.7 |
| 175°   | 1713.2 | 1712.3 | 1712.4 | 1712.7 | 1713.0 | 1713.3 | 1713.6 | 1716.2 | 1718.8 | 1721.3 | 1723.9 |
| 177.5° | 1715.9 | 1714.9 | 1715.2 | 1715.8 | 1716.3 | 1716.9 | 1717.5 | 1719.8 | 1722.1 | 1724.4 | 1726.7 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

TEST NUMBER: P1032950

CATALOG NUMBER: S124RDIW-B350D1340UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 566.9  | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9  |
| 2.5°   | 535.8  | 537.6 | 535.4 | 536.7 | 533.5 | 533.1 | 533.5 | 533.5 | 534.0 | 534.4 | 534.9  |
| 5°     | 505.7  | 505.2 | 502.5 | 500.6 | 499.3 | 500.6 | 501.6 | 502.5 | 501.6 | 502.5 | 502.9  |
| 7.5°   | 477.3  | 476.0 | 474.6 | 471.4 | 472.3 | 471.4 | 474.1 | 472.8 | 472.8 | 475.1 | 476.9  |
| 10°    | 452.2  | 449.5 | 448.6 | 444.9 | 442.2 | 441.7 | 444.9 | 446.3 | 447.7 | 448.6 | 452.2  |
| 12.5°  | 419.8  | 415.7 | 412.5 | 413.9 | 406.1 | 409.3 | 410.2 | 408.4 | 413.9 | 420.2 | 416.6  |
| 15°    | 385.1  | 385.5 | 379.1 | 376.9 | 370.5 | 372.3 | 372.7 | 377.3 | 381.9 | 381.4 | 386.9  |
| 17.5°  | 359.5  | 356.8 | 351.3 | 350.8 | 348.1 | 349.4 | 349.0 | 352.6 | 351.3 | 353.6 | 358.1  |
| 20°    | 335.7  | 333.9 | 329.3 | 327.5 | 328.4 | 327.5 | 328.0 | 328.4 | 329.8 | 334.8 | 333.9  |
| 22.5°  | 317.0  | 314.7 | 314.7 | 312.4 | 309.7 | 308.8 | 311.1 | 312.4 | 314.3 | 315.2 | 317.5  |
| 25°    | 300.6  | 298.7 | 296.5 | 295.1 | 292.8 | 293.3 | 294.6 | 296.5 | 297.8 | 299.7 | 301.5  |
| 27.5°  | 283.7  | 283.7 | 281.4 | 280.9 | 280.0 | 279.6 | 281.4 | 282.3 | 282.3 | 283.7 | 285.5  |
| 30°    | 270.4  | 270.4 | 268.1 | 267.7 | 267.2 | 267.2 | 268.6 | 269.0 | 269.5 | 270.9 | 271.8  |
| 32.5°  | 257.6  | 257.2 | 256.3 | 256.7 | 256.3 | 256.7 | 256.7 | 257.2 | 258.1 | 258.5 | 260.4  |
| 35°    | 245.8  | 246.2 | 245.3 | 245.3 | 244.8 | 245.3 | 246.2 | 246.7 | 247.1 | 248.0 | 248.0  |
| 37.5°  | 234.3  | 235.2 | 234.8 | 236.2 | 236.2 | 236.2 | 236.2 | 237.1 | 237.1 | 237.1 | 236.6  |
| 40°    | 224.3  | 224.3 | 223.8 | 224.7 | 225.7 | 225.7 | 226.1 | 226.1 | 226.6 | 226.6 | 226.1  |
| 42.5°  | 212.9  | 213.8 | 215.1 | 215.6 | 216.5 | 216.1 | 217.4 | 217.0 | 217.4 | 216.5 | 215.6  |
| 45°    | 202.4  | 202.4 | 204.2 | 206.0 | 206.5 | 206.5 | 206.5 | 207.4 | 206.5 | 205.1 | 204.6  |
| 47.5°  | 190.9  | 191.9 | 192.8 | 195.0 | 195.5 | 195.5 | 195.5 | 195.5 | 194.6 | 194.6 | 194.6  |
| 50°    | 179.5  | 180.0 | 180.4 | 181.3 | 182.7 | 182.3 | 182.3 | 182.3 | 184.1 | 182.3 | 182.7  |
| 52.5°  | 165.8  | 166.3 | 166.7 | 168.6 | 168.1 | 168.1 | 168.6 | 168.6 | 169.9 | 169.5 | 168.6  |
| 55°    | 152.1  | 152.1 | 153.0 | 153.0 | 153.0 | 153.9 | 154.4 | 155.3 | 154.9 | 155.3 | 155.8  |
| 57.5°  | 138.4  | 137.5 | 137.0 | 137.0 | 138.4 | 138.0 | 138.4 | 138.4 | 140.2 | 141.1 | 141.6  |
| 60°    | 122.4  | 122.4 | 122.0 | 119.2 | 119.2 | 118.8 | 120.1 | 121.0 | 122.0 | 126.1 | 125.6  |
| 62.5°  | 106.0  | 104.1 | 102.3 | 102.8 | 100.0 | 101.4 | 100.5 | 101.4 | 104.1 | 107.3 | 107.8  |
| 65°    | 89.5   | 88.2  | 86.3  | 85.9  | 85.0  | 86.3  | 85.9  | 86.3  | 87.7  | 89.5  | 91.8   |
| 67.5°  | 74.9   | 74.5  | 73.5  | 73.1  | 73.1  | 73.1  | 74.0  | 74.0  | 74.5  | 75.8  | 77.2   |
| 70°    | 64.0   | 63.5  | 64.0  | 63.0  | 63.5  | 63.0  | 63.5  | 64.0  | 64.4  | 64.9  | 66.2   |
| 72.5°  | 53.9   | 53.9  | 53.9  | 53.0  | 53.9  | 53.4  | 53.4  | 53.9  | 54.4  | 54.8  | 55.7   |
| 75°    | 42.9   | 42.0  | 41.1  | 40.2  | 39.7  | 40.7  | 41.1  | 40.7  | 42.0  | 43.9  | 43.9   |
| 77.5°  | 32.4   | 32.0  | 32.0  | 32.0  | 32.4  | 32.0  | 32.9  | 32.4  | 32.9  | 32.9  | 33.8   |
| 80°    | 25.1   | 24.7  | 25.1  | 25.1  | 24.7  | 25.6  | 25.1  | 25.1  | 25.6  | 26.0  | 25.6   |
| 82.5°  | 18.3   | 18.7  | 18.3  | 18.3  | 18.3  | 19.2  | 18.3  | 18.3  | 18.3  | 18.7  | 18.7   |
| 85°    | 11.4   | 11.4  | 11.4  | 11.4  | 11.9  | 11.4  | 11.9  | 11.4  | 12.3  | 11.9  | 11.9   |
| 87.5°  | 4.1    | 4.6   | 5.0   | 5.0   | 5.0   | 5.0   | 4.6   | 5.0   | 5.5   | 5.0   | 5.5    |
| 90°    | 36.0   | 36.3  | 36.9  | 37.4  | 38.0  | 38.6  | 38.0  | 37.4  | 36.9  | 36.3  | 36.0   |
| 92.5°  | 34.7   | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7  | 34.7   |
| 95°    | 36.0   | 36.1  | 36.4  | 36.7  | 37.0  | 37.3  | 37.0  | 36.7  | 36.4  | 36.1  | 36.0   |
| 97.5°  | 34.7   | 34.8  | 35.1  | 35.4  | 35.7  | 36.0  | 35.7  | 35.4  | 35.1  | 34.8  | 34.7   |
| 100°   | 34.7   | 34.8  | 35.1  | 35.4  | 35.7  | 36.0  | 35.7  | 35.4  | 35.1  | 34.8  | 34.7   |
| 102.5° | 37.3   | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3   |
| 105°   | 413.0  | 407.9 | 397.6 | 387.3 | 377.0 | 366.7 | 377.0 | 387.3 | 397.6 | 407.9 | 413.0  |
| 107.5° | 490.2  | 490.8 | 491.9 | 493.0 | 494.2 | 495.3 | 494.2 | 493.0 | 491.9 | 490.8 | 490.2  |
| 110°   | 569.9  | 570.3 | 571.2 | 572.1 | 572.9 | 573.8 | 572.9 | 572.1 | 571.2 | 570.3 | 569.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 647.1  | 647.7  | 648.8  | 650.0  | 651.1  | 652.3  | 651.1  | 650.0  | 648.8  | 647.7  | 647.1  |
| 115°   | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  | 728.2  |
| 117.5° | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  | 806.6  |
| 120°   | 882.5  | 882.2  | 881.7  | 881.1  | 880.6  | 880.0  | 880.6  | 881.1  | 881.7  | 882.2  | 882.5  |
| 122.5° | 954.6  | 954.3  | 953.7  | 953.2  | 952.6  | 952.0  | 952.6  | 953.2  | 953.7  | 954.3  | 954.6  |
| 125°   | 1022.8 | 1022.9 | 1023.2 | 1023.5 | 1023.8 | 1024.1 | 1023.8 | 1023.5 | 1023.2 | 1022.9 | 1022.8 |
| 127.5° | 1088.4 | 1088.3 | 1088.0 | 1087.7 | 1087.4 | 1087.1 | 1087.4 | 1087.7 | 1088.0 | 1088.3 | 1088.4 |
| 130°   | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 | 1151.4 |
| 132.5° | 1211.9 | 1211.8 | 1211.5 | 1211.2 | 1210.9 | 1210.6 | 1210.9 | 1211.2 | 1211.5 | 1211.8 | 1211.9 |
| 135°   | 1267.2 | 1267.5 | 1268.1 | 1268.6 | 1269.2 | 1269.8 | 1269.2 | 1268.6 | 1268.1 | 1267.5 | 1267.2 |
| 137.5° | 1321.2 | 1321.1 | 1320.8 | 1320.5 | 1320.3 | 1320.0 | 1320.3 | 1320.5 | 1320.8 | 1321.1 | 1321.2 |
| 140°   | 1371.4 | 1371.5 | 1371.8 | 1372.1 | 1372.4 | 1372.7 | 1372.4 | 1372.1 | 1371.8 | 1371.5 | 1371.4 |
| 142.5° | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 | 1416.4 |
| 145°   | 1458.9 | 1459.2 | 1459.8 | 1460.3 | 1460.9 | 1461.5 | 1460.9 | 1460.3 | 1459.8 | 1459.2 | 1458.9 |
| 147.5° | 1497.5 | 1497.6 | 1497.9 | 1498.2 | 1498.5 | 1498.8 | 1498.5 | 1498.2 | 1497.9 | 1497.6 | 1497.5 |
| 150°   | 1533.5 | 1533.6 | 1533.9 | 1534.2 | 1534.5 | 1534.8 | 1534.5 | 1534.2 | 1533.9 | 1533.6 | 1533.5 |
| 152.5° | 1567.0 | 1566.9 | 1566.6 | 1566.3 | 1566.0 | 1565.7 | 1566.0 | 1566.3 | 1566.6 | 1566.9 | 1567.0 |
| 155°   | 1596.5 | 1596.1 | 1595.2 | 1594.4 | 1593.5 | 1592.7 | 1593.5 | 1594.4 | 1595.2 | 1596.1 | 1596.5 |
| 157.5° | 1622.3 | 1621.6 | 1620.1 | 1618.7 | 1617.2 | 1615.8 | 1617.2 | 1618.7 | 1620.1 | 1621.6 | 1622.3 |
| 160°   | 1646.7 | 1645.8 | 1644.1 | 1642.4 | 1640.7 | 1639.0 | 1640.7 | 1642.4 | 1644.1 | 1645.8 | 1646.7 |
| 162.5° | 1666.0 | 1665.0 | 1663.0 | 1661.0 | 1659.0 | 1657.0 | 1659.0 | 1661.0 | 1663.0 | 1665.0 | 1666.0 |
| 165°   | 1685.3 | 1684.0 | 1681.4 | 1678.9 | 1676.3 | 1673.7 | 1676.3 | 1678.9 | 1681.4 | 1684.0 | 1685.3 |
| 167.5° | 1699.5 | 1698.1 | 1695.2 | 1692.3 | 1689.5 | 1686.6 | 1689.5 | 1692.3 | 1695.2 | 1698.1 | 1699.5 |
| 170°   | 1711.0 | 1709.6 | 1706.7 | 1703.9 | 1701.0 | 1698.2 | 1701.0 | 1703.9 | 1706.7 | 1709.6 | 1711.0 |
| 172.5° | 1718.8 | 1717.2 | 1714.1 | 1710.9 | 1707.8 | 1704.6 | 1707.8 | 1710.9 | 1714.1 | 1717.2 | 1718.8 |
| 175°   | 1725.2 | 1723.5 | 1720.1 | 1716.6 | 1713.2 | 1709.8 | 1713.2 | 1716.6 | 1720.1 | 1723.5 | 1725.2 |
| 177.5° | 1727.8 | 1726.1 | 1722.6 | 1719.2 | 1715.7 | 1712.3 | 1715.7 | 1719.2 | 1722.6 | 1726.1 | 1727.8 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9 | 566.9  | 566.9 |
| 2.5°   | 536.7 | 539.0 | 538.1 | 534.9 | 536.3 | 539.0 | 541.8 | 545.4 | 547.7 | 549.5  | 550.4 |
| 5°     | 505.2 | 509.3 | 508.4 | 508.4 | 510.2 | 514.8 | 519.4 | 527.1 | 529.9 | 533.1  | 537.6 |
| 7.5°   | 477.3 | 480.5 | 483.3 | 484.2 | 486.9 | 492.9 | 498.8 | 507.5 | 514.3 | 518.0  | 520.7 |
| 10°    | 452.7 | 455.0 | 459.1 | 461.4 | 464.1 | 471.4 | 480.1 | 489.2 | 496.1 | 502.5  | 506.1 |
| 12.5°  | 421.2 | 430.3 | 435.8 | 439.4 | 443.1 | 454.1 | 460.9 | 471.0 | 479.2 | 485.1  | 490.6 |
| 15°    | 386.0 | 397.0 | 400.1 | 414.3 | 423.4 | 432.1 | 442.6 | 454.5 | 462.3 | 469.1  | 476.4 |
| 17.5°  | 356.3 | 364.1 | 367.7 | 382.8 | 390.6 | 404.3 | 419.3 | 434.4 | 446.3 | 451.3  | 458.6 |
| 20°    | 337.6 | 341.7 | 349.0 | 354.0 | 362.2 | 378.2 | 394.7 | 412.9 | 430.8 | 435.8  | 443.1 |
| 22.5°  | 318.4 | 323.9 | 328.9 | 335.7 | 342.1 | 353.1 | 369.5 | 389.6 | 408.8 | 418.0  | 426.6 |
| 25°    | 301.0 | 306.5 | 309.7 | 317.0 | 323.0 | 333.9 | 345.3 | 365.9 | 388.7 | 396.5  | 410.2 |
| 27.5°  | 287.3 | 290.5 | 296.0 | 299.2 | 306.0 | 316.1 | 326.6 | 342.1 | 364.5 | 377.8  | 391.0 |
| 30°    | 273.6 | 275.9 | 280.5 | 285.0 | 290.1 | 296.9 | 308.8 | 323.9 | 344.4 | 355.8  | 369.1 |
| 32.5°  | 259.9 | 263.6 | 266.3 | 269.5 | 275.0 | 283.2 | 291.4 | 306.0 | 322.5 | 335.3  | 348.5 |
| 35°    | 248.5 | 249.9 | 253.5 | 257.2 | 260.8 | 268.1 | 276.8 | 291.0 | 305.6 | 315.6  | 327.5 |
| 37.5°  | 236.2 | 238.4 | 241.2 | 242.6 | 248.5 | 253.1 | 262.2 | 273.2 | 290.5 | 296.9  | 308.8 |
| 40°    | 226.6 | 226.1 | 228.9 | 231.1 | 233.9 | 241.2 | 246.7 | 258.5 | 272.2 | 282.3  | 289.6 |
| 42.5°  | 214.7 | 214.7 | 215.6 | 218.3 | 222.0 | 226.6 | 233.0 | 243.0 | 257.2 | 264.5  | 273.2 |
| 45°    | 205.1 | 203.7 | 204.2 | 206.0 | 208.3 | 212.9 | 219.3 | 227.9 | 242.1 | 248.0  | 257.2 |
| 47.5°  | 193.7 | 192.3 | 192.3 | 194.1 | 196.0 | 199.2 | 204.2 | 214.2 | 225.7 | 233.4  | 240.3 |
| 50°    | 180.9 | 181.3 | 180.9 | 182.3 | 183.2 | 186.4 | 191.9 | 200.1 | 210.6 | 217.0  | 224.7 |
| 52.5°  | 169.0 | 168.1 | 167.6 | 168.6 | 170.4 | 172.7 | 178.6 | 185.9 | 196.0 | 202.4  | 209.2 |
| 55°    | 154.4 | 155.3 | 155.3 | 155.3 | 158.0 | 159.0 | 163.5 | 170.8 | 180.9 | 185.9  | 192.3 |
| 57.5°  | 141.1 | 140.7 | 141.6 | 141.1 | 143.4 | 146.6 | 150.3 | 155.8 | 165.8 | 170.8  | 176.8 |
| 60°    | 126.5 | 127.0 | 127.4 | 127.4 | 129.3 | 132.5 | 136.6 | 141.6 | 149.8 | 154.9  | 160.3 |
| 62.5°  | 108.7 | 111.0 | 113.3 | 114.2 | 116.9 | 119.2 | 122.0 | 127.4 | 134.8 | 138.4  | 143.4 |
| 65°    | 91.8  | 95.0  | 98.2  | 100.5 | 102.3 | 104.6 | 108.3 | 113.3 | 119.2 | 122.9  | 127.9 |
| 67.5°  | 77.2  | 79.5  | 83.6  | 85.9  | 89.5  | 92.3  | 94.6  | 98.7  | 106.0 | 107.3  | 111.5 |
| 70°    | 66.7  | 67.6  | 69.4  | 71.3  | 75.4  | 77.7  | 80.4  | 84.5  | 90.0  | 93.2   | 95.5  |
| 72.5°  | 56.2  | 56.6  | 57.6  | 59.4  | 61.2  | 64.0  | 67.1  | 70.8  | 75.8  | 77.2   | 80.4  |
| 75°    | 44.8  | 47.5  | 47.5  | 48.9  | 50.2  | 51.6  | 54.4  | 58.0  | 61.2  | 63.5   | 65.3  |
| 77.5°  | 33.3  | 34.7  | 35.6  | 37.9  | 39.7  | 41.1  | 42.9  | 45.7  | 47.5  | 49.3   | 50.7  |
| 80°    | 26.0  | 26.5  | 27.0  | 27.0  | 27.9  | 29.7  | 31.5  | 33.3  | 35.6  | 36.5   | 37.9  |
| 82.5°  | 19.2  | 19.2  | 19.2  | 20.1  | 20.6  | 21.0  | 21.0  | 21.9  | 24.2  | 25.1   | 26.5  |
| 85°    | 12.3  | 12.3  | 12.3  | 12.3  | 12.8  | 13.2  | 13.7  | 14.2  | 14.2  | 14.2   | 15.1  |
| 87.5°  | 5.0   | 5.9   | 5.5   | 5.9   | 5.9   | 5.9   | 5.9   | 6.4   | 6.4   | 6.9    | 6.9   |
| 90°    | 35.1  | 33.4  | 31.7  | 30.0  | 28.3  | 26.0  | 23.7  | 21.4  | 19.1  | 18.0   | 16.4  |
| 92.5°  | 33.8  | 32.1  | 30.4  | 28.7  | 27.0  | 24.7  | 22.4  | 20.1  | 17.8  | 16.7   | 17.0  |
| 95°    | 35.1  | 33.4  | 31.7  | 30.0  | 28.3  | 28.0  | 27.7  | 27.4  | 27.1  | 27.0   | 31.9  |
| 97.5°  | 34.0  | 32.6  | 31.1  | 29.7  | 28.3  | 58.3  | 88.3  | 118.4 | 148.4 | 163.4  | 160.3 |
| 100°   | 37.1  | 42.0  | 46.9  | 51.7  | 56.6  | 96.0  | 135.5 | 174.9 | 214.4 | 234.1  | 231.5 |
| 102.5° | 69.5  | 133.8 | 198.1 | 262.5 | 326.8 | 323.4 | 319.9 | 316.5 | 313.0 | 311.3  | 309.6 |
| 105°   | 411.7 | 409.1 | 406.6 | 404.0 | 401.4 | 400.0 | 398.6 | 397.1 | 395.7 | 395.0  | 394.1 |
| 107.5° | 489.5 | 488.0 | 486.6 | 485.1 | 483.7 | 481.7 | 479.7 | 477.7 | 475.7 | 474.7  | 474.3 |
| 110°   | 569.6 | 569.0 | 568.5 | 567.9 | 567.3 | 565.6 | 563.9 | 562.2 | 560.5 | 559.6  | 559.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 647.2  | 647.5  | 647.8  | 648.1  | 648.4  | 647.8  | 647.2  | 646.7  | 646.1  | 645.8  | 644.9  |
| 115°   | 727.9  | 727.3  | 726.8  | 726.2  | 725.6  | 725.9  | 726.2  | 726.5  | 726.8  | 726.9  | 726.5  |
| 117.5° | 806.7  | 807.0  | 807.3  | 807.6  | 807.9  | 807.1  | 806.2  | 805.4  | 804.5  | 804.1  | 803.5  |
| 120°   | 882.2  | 881.7  | 881.1  | 880.6  | 880.0  | 880.3  | 880.6  | 880.9  | 881.2  | 881.3  | 880.7  |
| 122.5° | 954.5  | 954.2  | 953.9  | 953.6  | 953.3  | 952.7  | 952.1  | 951.6  | 951.0  | 950.7  | 950.4  |
| 125°   | 1022.4 | 1021.5 | 1020.6 | 1019.8 | 1018.9 | 1019.5 | 1020.1 | 1020.6 | 1021.2 | 1021.5 | 1020.9 |
| 127.5° | 1088.5 | 1088.8 | 1089.1 | 1089.4 | 1089.7 | 1088.3 | 1086.8 | 1085.4 | 1083.9 | 1083.2 | 1083.1 |
| 130°   | 1151.3 | 1151.0 | 1150.7 | 1150.4 | 1150.1 | 1149.3 | 1148.4 | 1147.6 | 1146.7 | 1146.3 | 1146.2 |
| 132.5° | 1211.8 | 1211.5 | 1211.2 | 1210.9 | 1210.6 | 1209.5 | 1208.3 | 1207.2 | 1206.1 | 1205.5 | 1205.2 |
| 135°   | 1266.9 | 1266.3 | 1265.8 | 1265.2 | 1264.6 | 1263.5 | 1262.3 | 1261.2 | 1260.1 | 1259.5 | 1259.6 |
| 137.5° | 1320.9 | 1320.4 | 1319.8 | 1319.3 | 1318.7 | 1317.3 | 1315.8 | 1314.4 | 1312.9 | 1312.2 | 1312.2 |
| 140°   | 1371.0 | 1370.1 | 1369.3 | 1368.4 | 1367.6 | 1367.0 | 1366.4 | 1365.9 | 1365.3 | 1365.0 | 1364.7 |
| 142.5° | 1416.1 | 1415.6 | 1415.0 | 1414.5 | 1413.9 | 1413.6 | 1413.3 | 1413.0 | 1412.7 | 1412.6 | 1412.0 |
| 145°   | 1458.8 | 1458.5 | 1458.2 | 1457.9 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.6 | 1457.2 |
| 147.5° | 1497.4 | 1497.1 | 1496.8 | 1496.5 | 1496.2 | 1496.5 | 1496.8 | 1497.1 | 1497.4 | 1497.5 | 1496.6 |
| 150°   | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.5 | 1533.8 | 1534.1 | 1534.4 | 1534.7 | 1534.8 | 1534.2 |
| 152.5° | 1566.7 | 1566.1 | 1565.6 | 1565.0 | 1564.4 | 1565.0 | 1565.6 | 1566.1 | 1566.7 | 1567.0 | 1566.6 |
| 155°   | 1595.9 | 1594.8 | 1593.7 | 1592.5 | 1591.4 | 1592.3 | 1593.1 | 1594.0 | 1594.9 | 1595.3 | 1595.2 |
| 157.5° | 1621.6 | 1620.1 | 1618.7 | 1617.2 | 1615.8 | 1617.0 | 1618.1 | 1619.3 | 1620.4 | 1621.0 | 1621.0 |
| 160°   | 1645.8 | 1644.1 | 1642.4 | 1640.7 | 1639.0 | 1639.3 | 1639.6 | 1639.9 | 1640.2 | 1640.3 | 1640.7 |
| 162.5° | 1665.1 | 1663.4 | 1661.7 | 1660.0 | 1658.3 | 1658.6 | 1658.9 | 1659.2 | 1659.5 | 1659.6 | 1660.2 |
| 165°   | 1684.2 | 1681.9 | 1679.6 | 1677.3 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.0 | 1675.7 |
| 167.5° | 1698.2 | 1695.6 | 1693.1 | 1690.5 | 1687.9 | 1688.2 | 1688.5 | 1688.8 | 1689.1 | 1689.2 | 1689.9 |
| 170°   | 1709.9 | 1707.6 | 1705.3 | 1703.1 | 1700.8 | 1700.5 | 1700.2 | 1699.9 | 1699.6 | 1699.5 | 1700.4 |
| 172.5° | 1717.7 | 1715.4 | 1713.1 | 1710.8 | 1708.5 | 1708.2 | 1707.9 | 1707.6 | 1707.3 | 1707.2 | 1708.1 |
| 175°   | 1723.9 | 1721.3 | 1718.8 | 1716.2 | 1713.6 | 1713.3 | 1713.0 | 1712.7 | 1712.4 | 1712.3 | 1713.2 |
| 177.5° | 1726.7 | 1724.4 | 1722.1 | 1719.8 | 1717.5 | 1716.9 | 1716.3 | 1715.8 | 1715.2 | 1714.9 | 1715.9 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 566.9 | 566.9 | 566.9 | 566.9 |
| 2.5°   | 554.1 | 556.8 | 561.4 | 567.8 |
| 5°     | 541.3 | 549.1 | 556.4 | 566.0 |
| 7.5°   | 529.9 | 539.0 | 549.1 | 562.8 |
| 10°    | 516.6 | 528.1 | 540.8 | 557.7 |
| 12.5°  | 501.1 | 517.1 | 531.7 | 550.0 |
| 15°    | 489.7 | 501.6 | 520.3 | 541.8 |
| 17.5°  | 473.7 | 489.7 | 508.4 | 532.6 |
| 20°    | 458.6 | 475.5 | 496.5 | 521.7 |
| 22.5°  | 442.6 | 461.8 | 482.8 | 509.8 |
| 25°    | 426.2 | 446.7 | 467.8 | 496.5 |
| 27.5°  | 411.1 | 429.8 | 453.6 | 482.8 |
| 30°    | 392.8 | 414.3 | 437.1 | 467.8 |
| 32.5°  | 375.0 | 397.4 | 420.7 | 451.3 |
| 35°    | 355.8 | 378.2 | 403.8 | 433.0 |
| 37.5°  | 337.1 | 361.8 | 385.1 | 413.4 |
| 40°    | 316.6 | 342.1 | 366.3 | 395.1 |
| 42.5°  | 296.5 | 323.0 | 347.2 | 371.8 |
| 45°    | 277.7 | 303.8 | 325.7 | 349.0 |
| 47.5°  | 259.9 | 283.2 | 305.6 | 326.6 |
| 50°    | 242.6 | 262.2 | 282.8 | 300.1 |
| 52.5°  | 224.3 | 243.0 | 259.5 | 275.0 |
| 55°    | 207.8 | 222.5 | 237.1 | 251.2 |
| 57.5°  | 188.2 | 202.8 | 215.6 | 226.6 |
| 60°    | 171.8 | 180.9 | 193.2 | 204.6 |
| 62.5°  | 153.0 | 163.5 | 173.1 | 180.4 |
| 65°    | 134.8 | 143.9 | 151.2 | 157.6 |
| 67.5°  | 119.2 | 124.7 | 130.2 | 137.0 |
| 70°    | 100.5 | 105.1 | 111.5 | 116.5 |
| 72.5°  | 84.5  | 88.2  | 91.4  | 97.3  |
| 75°    | 68.5  | 71.7  | 73.5  | 79.0  |
| 77.5°  | 53.0  | 56.2  | 57.6  | 60.8  |
| 80°    | 40.7  | 41.1  | 42.9  | 45.7  |
| 82.5°  | 27.9  | 28.8  | 29.2  | 31.5  |
| 85°    | 16.0  | 18.3  | 17.8  | 18.7  |
| 87.5°  | 6.9   | 7.3   | 8.2   | 9.1   |
| 90°    | 13.3  | 10.2  | 7.0   | 3.9   |
| 92.5°  | 17.6  | 18.1  | 18.7  | 19.3  |
| 95°    | 41.6  | 51.3  | 61.1  | 70.8  |
| 97.5°  | 154.0 | 147.7 | 141.4 | 135.1 |
| 100°   | 226.4 | 221.3 | 216.1 | 211.0 |
| 102.5° | 306.2 | 302.7 | 299.3 | 295.9 |
| 105°   | 392.4 | 390.7 | 388.9 | 387.2 |
| 107.5° | 473.4 | 472.6 | 471.7 | 470.9 |
| 110°   | 558.3 | 557.5 | 556.6 | 555.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 643.2  | 641.5  | 639.8  | 638.1  |
| 115°   | 725.6  | 724.7  | 723.9  | 723.0  |
| 117.5° | 802.4  | 801.2  | 800.1  | 798.9  |
| 120°   | 879.6  | 878.4  | 877.3  | 876.1  |
| 122.5° | 949.9  | 949.3  | 948.8  | 948.2  |
| 125°   | 1019.8 | 1018.6 | 1017.5 | 1016.3 |
| 127.5° | 1082.8 | 1082.5 | 1082.2 | 1081.9 |
| 130°   | 1145.9 | 1145.6 | 1145.3 | 1145.0 |
| 132.5° | 1204.6 | 1204.1 | 1203.5 | 1202.9 |
| 135°   | 1259.9 | 1260.2 | 1260.5 | 1260.8 |
| 137.5° | 1312.2 | 1312.2 | 1312.2 | 1312.2 |
| 140°   | 1364.1 | 1363.6 | 1363.0 | 1362.4 |
| 142.5° | 1410.9 | 1409.7 | 1408.6 | 1407.4 |
| 145°   | 1456.3 | 1455.4 | 1454.6 | 1453.7 |
| 147.5° | 1494.9 | 1493.2 | 1491.5 | 1489.8 |
| 150°   | 1533.1 | 1531.9 | 1530.8 | 1529.6 |
| 152.5° | 1565.7 | 1564.8 | 1564.0 | 1563.1 |
| 155°   | 1594.9 | 1594.6 | 1594.3 | 1594.0 |
| 157.5° | 1621.0 | 1621.0 | 1621.0 | 1621.0 |
| 160°   | 1641.6 | 1642.4 | 1643.3 | 1644.1 |
| 162.5° | 1661.3 | 1662.4 | 1663.6 | 1664.7 |
| 165°   | 1677.2 | 1678.6 | 1680.1 | 1681.5 |
| 167.5° | 1691.3 | 1692.8 | 1694.2 | 1695.6 |
| 170°   | 1702.1 | 1703.8 | 1705.5 | 1707.2 |
| 172.5° | 1709.8 | 1711.5 | 1713.2 | 1714.9 |
| 175°   | 1714.9 | 1716.6 | 1718.4 | 1720.1 |
| 177.5° | 1717.9 | 1719.9 | 1721.9 | 1723.9 |
| 180°   | 1720.1 | 1720.1 | 1720.1 | 1720.1 |

(END OF REPORT)