

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: P1027194

Luminaire Tested: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1027194  
REPORT IS A COMBINATION OF REPORTS P1005485 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K  
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

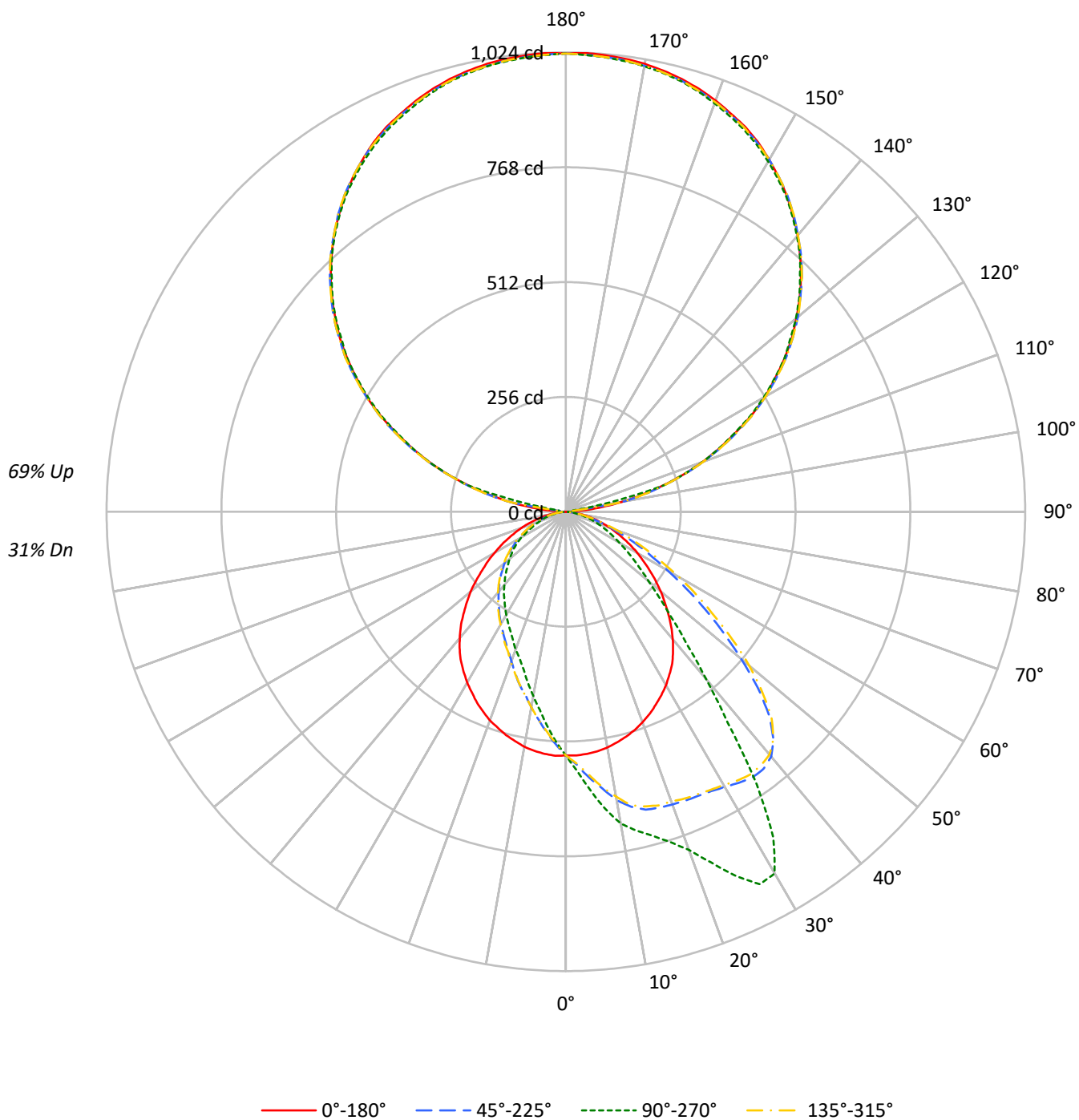
Lumens per Lamp: N/A  
Luminaire Lumens: 4546.0 lumens  
Efficiency: N/A  
Efficacy: 133.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 34.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**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 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 | 39 | 39 | 31 |
| 1   | 94  | 90  | 86  | 83  | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 35 | 34 | 33 | 33 | 33 | 27 |
| 2   | 86  | 79  | 73  | 68  | 77 | 71 | 66 | 62 | 56 | 53 | 50 | 43 | 41 | 39 | 31 | 29 | 28 | 28 | 28 | 23 |
| 3   | 78  | 69  | 62  | 57  | 70 | 62 | 57 | 52 | 50 | 46 | 42 | 38 | 35 | 33 | 27 | 26 | 24 | 24 | 24 | 19 |
| 4   | 72  | 61  | 54  | 48  | 64 | 55 | 49 | 44 | 44 | 40 | 36 | 34 | 31 | 28 | 25 | 23 | 21 | 21 | 21 | 17 |
| 5   | 66  | 55  | 47  | 41  | 59 | 49 | 43 | 38 | 40 | 35 | 31 | 31 | 27 | 25 | 22 | 20 | 18 | 18 | 18 | 15 |
| 6   | 60  | 49  | 41  | 36  | 54 | 44 | 38 | 33 | 36 | 31 | 27 | 28 | 24 | 22 | 20 | 18 | 16 | 16 | 16 | 13 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 29 | 32 | 27 | 24 | 25 | 22 | 19 | 18 | 16 | 14 | 14 | 14 | 12 |
| 8   | 52  | 40  | 32  | 27  | 46 | 36 | 30 | 25 | 29 | 25 | 21 | 23 | 19 | 17 | 17 | 15 | 13 | 13 | 13 | 10 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 21 | 18 | 15 | 16 | 13 | 12 | 12 | 12 | 9  |
| 10  | 45  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 25 | 20 | 17 | 19 | 16 | 14 | 14 | 12 | 11 | 11 | 11 | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3480 | 3480 | 3480 | 3480 |
| 5°  | 3476 | 3921 | 3476 | 3014 |
| 10° | 3457 | 4407 | 3445 | 2606 |
| 15° | 3420 | 4662 | 3396 | 2268 |
| 20° | 3374 | 5033 | 3344 | 2051 |
| 25° | 3315 | 5697 | 3278 | 1861 |
| 30° | 3255 | 6055 | 3206 | 1726 |
| 35° | 3177 | 4980 | 3132 | 1599 |
| 40° | 3039 | 3382 | 3013 | 1486 |
| 45° | 2858 | 2431 | 2854 | 1374 |
| 50° | 2671 | 1870 | 2684 | 1270 |
| 55° | 2462 | 1520 | 2457 | 1171 |
| 60° | 2267 | 1246 | 2256 | 1040 |
| 65° | 2040 | 1038 | 2053 | 837  |
| 70° | 1853 | 834  | 1844 | 696  |
| 75° | 1565 | 632  | 1565 | 573  |
| 80° | 1267 | 385  | 1254 | 385  |
| 85° | 892  | 203  | 869  | 229  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4953 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.1   | 1.1       |
| 10°-20°   | 152.7  | 3.4       |
| 20°-30°   | 242.1  | 5.3       |
| 30°-40°   | 292.5  | 6.4       |
| 40°-50°   | 260.4  | 5.7       |
| 50°-60°   | 199.7  | 4.4       |
| 60°-70°   | 129.7  | 2.9       |
| 70°-80°   | 62.9   | 1.4       |
| 80°-90°   | 16.3   | 0.4       |
| 90°-100°  | 34.7   | 0.8       |
| 100°-110° | 230.5  | 5.1       |
| 110°-120° | 415.1  | 9.1       |
| 120°-130° | 532.8  | 11.7      |
| 130°-140° | 573.1  | 12.6      |
| 140°-150° | 537.9  | 11.8      |
| 150°-160° | 435.1  | 9.6       |
| 160°-170° | 281.4  | 6.2       |
| 170°-180° | 97.0   | 2.1       |
| 0°-30°    | 446.8  | 9.8       |
| 0°-40°    | 739.4  | 16.3      |
| 0°-60°    | 1199.5 | 26.4      |
| 0°-90°    | 1408.5 | 31.0      |
| 90°-120°  | 680.3  | 15.0      |
| 90°-150°  | 2324.0 | 51.1      |
| 90°-180°  | 3137.0 | 69.0      |
| 0°-180°   | 4546.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 543  | 543  | 543  | 543  | 543  |      |
| 5°   | 542  | 622  | 542  | 478  | 542  | 51   |
| 15°  | 519  | 748  | 515  | 364  | 519  | 146  |
| 25°  | 474  | 895  | 469  | 292  | 474  | 219  |
| 35°  | 413  | 743  | 408  | 238  | 413  | 257  |
| 45°  | 323  | 332  | 323  | 188  | 323  | 249  |
| 55°  | 228  | 182  | 228  | 140  | 228  | 205  |
| 65°  | 142  | 103  | 143  | 83   | 142  | 142  |
| 75°  | 69   | 48   | 69   | 44   | 69   | 74   |
| 85°  | 16   | 10   | 15   | 12   | 16   | 18   |
| 90°  | 1    | 18   | 1    | 18   | 1    | 3    |
| 95°  | 43   | 16   | 43   | 16   | 43   | 53   |
| 105° | 223  | 225  | 223  | 225  | 223  | 236  |
| 115° | 418  | 415  | 418  | 415  | 418  | 414  |
| 125° | 594  | 594  | 594  | 594  | 594  | 531  |
| 135° | 741  | 738  | 741  | 738  | 741  | 571  |
| 145° | 859  | 857  | 859  | 857  | 859  | 537  |
| 155° | 946  | 940  | 946  | 940  | 946  | 436  |
| 165° | 999  | 993  | 999  | 993  | 999  | 282  |
| 175° | 1021 | 1017 | 1021 | 1017 | 1021 | 97   |
| 180° | 1021 | 1021 | 1021 | 1021 | 1021 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 543.5 | 548.0 | 549.3 | 552.9 | 556.9 | 557.8 | 560.0 | 563.1 | 564.9 | 564.5 | 564.5 |
| 5°     | 541.7 | 549.3 | 554.7 | 560.9 | 568.5 | 571.6 | 574.3 | 581.0 | 586.3 | 589.4 | 594.8 |
| 7.5°   | 538.6 | 549.8 | 558.7 | 568.0 | 579.6 | 585.0 | 590.8 | 600.1 | 610.0 | 616.2 | 622.0 |
| 10°    | 533.7 | 548.0 | 560.5 | 574.3 | 589.9 | 597.9 | 605.1 | 619.3 | 631.4 | 639.4 | 652.8 |
| 12.5°  | 526.6 | 544.4 | 561.8 | 580.1 | 599.7 | 608.2 | 618.0 | 633.6 | 650.5 | 662.1 | 673.3 |
| 15°    | 519.0 | 540.4 | 559.1 | 581.0 | 604.6 | 617.5 | 630.0 | 646.5 | 661.7 | 674.6 | 687.5 |
| 17.5°  | 510.1 | 532.8 | 556.0 | 581.0 | 607.7 | 620.7 | 631.4 | 651.0 | 667.0 | 680.0 | 691.6 |
| 20°    | 499.4 | 524.8 | 551.1 | 578.7 | 605.9 | 618.0 | 628.2 | 649.6 | 663.9 | 677.7 | 694.2 |
| 22.5°  | 487.8 | 515.4 | 543.5 | 570.7 | 597.5 | 610.4 | 622.4 | 641.2 | 656.8 | 675.5 | 696.9 |
| 25°    | 474.4 | 504.7 | 533.3 | 560.5 | 585.9 | 597.9 | 608.6 | 629.1 | 651.0 | 674.6 | 698.7 |
| 27.5°  | 461.0 | 490.5 | 518.1 | 543.1 | 570.7 | 581.9 | 592.6 | 618.4 | 644.3 | 669.3 | 702.3 |
| 30°    | 446.3 | 476.2 | 500.3 | 523.5 | 550.2 | 561.8 | 575.2 | 604.6 | 634.0 | 667.9 | 708.1 |
| 32.5°  | 429.8 | 457.0 | 479.3 | 503.4 | 527.5 | 541.7 | 558.7 | 590.8 | 624.7 | 665.2 | 716.5 |
| 35°    | 413.3 | 435.2 | 455.7 | 478.4 | 507.4 | 522.6 | 539.1 | 573.0 | 615.3 | 663.9 | 723.7 |
| 37.5°  | 392.4 | 413.3 | 429.4 | 452.6 | 482.4 | 500.3 | 516.8 | 556.0 | 604.2 | 660.8 | 723.2 |
| 40°    | 371.0 | 388.8 | 404.0 | 428.0 | 460.6 | 477.1 | 494.9 | 537.7 | 592.6 | 651.9 | 712.5 |
| 42.5°  | 347.8 | 362.9 | 379.4 | 402.6 | 434.3 | 450.3 | 470.8 | 520.8 | 576.5 | 639.4 | 684.9 |
| 45°    | 323.3 | 338.0 | 351.8 | 375.9 | 407.5 | 424.9 | 447.2 | 498.5 | 556.9 | 613.1 | 640.3 |
| 47.5°  | 299.2 | 312.1 | 326.8 | 347.8 | 379.9 | 399.1 | 421.8 | 476.6 | 530.6 | 577.9 | 580.1 |
| 50°    | 276.0 | 286.3 | 298.7 | 320.1 | 353.6 | 371.9 | 395.5 | 446.8 | 499.4 | 531.9 | 510.1 |
| 52.5°  | 251.9 | 261.3 | 274.2 | 292.9 | 324.2 | 345.6 | 366.1 | 417.3 | 461.5 | 483.3 | 443.2 |
| 55°    | 228.3 | 236.3 | 249.7 | 270.6 | 297.8 | 314.3 | 335.3 | 383.0 | 421.8 | 422.2 | 378.5 |
| 57.5°  | 205.1 | 212.2 | 223.4 | 242.1 | 267.5 | 286.7 | 305.9 | 347.3 | 373.6 | 366.1 | 317.5 |
| 60°    | 184.6 | 189.1 | 199.3 | 217.6 | 241.2 | 255.0 | 275.6 | 310.3 | 327.7 | 313.9 | 261.7 |
| 62.5°  | 163.2 | 167.6 | 175.7 | 190.4 | 212.7 | 227.4 | 240.3 | 268.9 | 280.9 | 259.9 | 217.1 |
| 65°    | 141.8 | 147.1 | 152.9 | 164.5 | 185.5 | 195.3 | 206.9 | 227.8 | 239.4 | 214.9 | 177.9 |
| 67.5°  | 123.1 | 125.7 | 131.5 | 143.6 | 158.3 | 167.2 | 175.2 | 189.5 | 191.7 | 172.1 | 141.8 |
| 70°    | 105.7 | 106.6 | 111.9 | 119.0 | 130.2 | 135.5 | 142.2 | 150.7 | 150.7 | 134.7 | 110.6 |
| 72.5°  | 86.1  | 87.4  | 91.4  | 99.0  | 105.7 | 108.3 | 110.6 | 115.9 | 115.0 | 100.3 | 83.8  |
| 75°    | 69.1  | 70.0  | 73.1  | 76.7  | 79.4  | 84.3  | 86.1  | 85.2  | 84.7  | 72.2  | 62.9  |
| 77.5°  | 53.5  | 54.0  | 56.2  | 59.3  | 59.7  | 61.5  | 60.2  | 60.2  | 56.2  | 49.0  | 44.1  |
| 80°    | 39.2  | 39.7  | 40.6  | 41.5  | 41.5  | 41.5  | 41.5  | 39.2  | 36.6  | 32.1  | 30.8  |
| 82.5°  | 26.3  | 26.3  | 26.8  | 27.6  | 27.2  | 26.3  | 25.4  | 23.2  | 21.4  | 20.1  | 19.2  |
| 85°    | 15.6  | 15.6  | 16.1  | 15.6  | 13.8  | 13.4  | 12.5  | 12.0  | 11.6  | 11.1  | 11.1  |
| 87.5°  | 7.6   | 7.1   | 6.2   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 4.9   | 4.9   |
| 90°    | 0.8   | 2.1   | 3.5   | 4.8   | 6.1   | 6.8   | 7.4   | 8.6   | 9.7   | 10.9  | 12.1  |
| 92.5°  | 14.4  | 12.9  | 11.4  | 9.9   | 8.4   | 7.6   | 8.1   | 9.1   | 10.1  | 11.1  | 12.1  |
| 95°    | 43.2  | 42.7  | 42.2  | 41.7  | 41.2  | 40.9  | 37.7  | 31.3  | 24.9  | 18.5  | 12.1  |
| 97.5°  | 81.0  | 82.0  | 83.0  | 84.1  | 85.1  | 85.6  | 77.6  | 61.6  | 45.6  | 29.6  | 13.6  |
| 100°   | 126.4 | 126.9 | 127.4 | 127.9 | 128.4 | 128.7 | 129.0 | 129.7 | 130.4 | 131.0 | 131.7 |
| 102.5° | 172.6 | 173.3 | 174.0 | 174.7 | 175.4 | 175.7 | 175.9 | 176.2 | 176.5 | 176.9 | 177.2 |
| 105°   | 222.6 | 223.3 | 223.9 | 224.6 | 225.3 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 |
| 107.5° | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 | 274.3 | 274.6 | 274.9 | 275.3 | 275.6 |
| 110°   | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 | 324.3 | 324.6 | 324.9 | 325.3 | 325.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 371.0  | 371.5  | 372.0  | 372.5  | 373.0  | 373.3  | 373.4  | 373.5  | 373.7  | 373.8  | 374.0  |
| 115°   | 417.9  | 418.7  | 419.6  | 420.4  | 421.3  | 421.7  | 421.8  | 422.0  | 422.1  | 422.3  | 422.5  |
| 117.5° | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.5  | 468.2  | 468.9  | 469.5  | 470.2  |
| 120°   | 512.6  | 512.4  | 512.2  | 512.1  | 511.9  | 511.8  | 512.1  | 512.6  | 513.1  | 513.6  | 514.1  |
| 122.5° | 552.7  | 553.5  | 554.4  | 555.2  | 556.1  | 556.5  | 556.6  | 556.8  | 556.9  | 557.1  | 557.3  |
| 125°   | 594.4  | 595.6  | 596.8  | 597.9  | 599.1  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  |
| 127.5° | 634.5  | 635.3  | 636.2  | 637.0  | 637.9  | 638.3  | 638.2  | 638.0  | 637.9  | 637.7  | 637.5  |
| 130°   | 670.8  | 671.6  | 672.5  | 673.3  | 674.2  | 674.6  | 674.7  | 674.9  | 675.0  | 675.2  | 675.4  |
| 132.5° | 707.2  | 708.2  | 709.2  | 710.2  | 711.2  | 711.7  | 711.4  | 710.9  | 710.4  | 709.9  | 709.4  |
| 135°   | 741.2  | 742.2  | 743.2  | 744.3  | 745.3  | 745.8  | 745.6  | 745.3  | 745.0  | 744.6  | 744.3  |
| 137.5° | 773.0  | 774.0  | 775.0  | 776.1  | 777.1  | 777.6  | 777.4  | 777.1  | 776.8  | 776.4  | 776.1  |
| 140°   | 804.1  | 804.4  | 804.8  | 805.1  | 805.4  | 805.6  | 805.5  | 805.3  | 805.2  | 805.0  | 804.8  |
| 142.5° | 832.1  | 832.3  | 832.5  | 832.6  | 832.8  | 832.9  | 833.1  | 833.4  | 833.7  | 834.1  | 834.4  |
| 145°   | 859.4  | 859.7  | 860.1  | 860.4  | 860.7  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  |
| 147.5° | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.7  | 883.8  | 884.0  | 884.1  | 884.3  |
| 150°   | 906.3  | 906.0  | 905.6  | 905.3  | 905.0  | 904.8  | 905.0  | 905.3  | 905.6  | 906.0  | 906.3  |
| 152.5° | 928.3  | 927.5  | 926.6  | 925.8  | 924.9  | 924.5  | 924.7  | 925.0  | 925.3  | 925.7  | 926.0  |
| 155°   | 946.4  | 945.4  | 944.4  | 943.4  | 942.4  | 941.9  | 942.1  | 942.4  | 942.7  | 943.1  | 943.4  |
| 157.5° | 960.8  | 960.3  | 959.8  | 959.3  | 958.8  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  |
| 160°   | 976.0  | 975.0  | 974.0  | 972.9  | 971.9  | 971.4  | 971.5  | 971.7  | 971.8  | 972.0  | 972.2  |
| 162.5° | 988.1  | 987.1  | 986.1  | 985.0  | 984.0  | 983.5  | 983.6  | 983.8  | 983.9  | 984.1  | 984.3  |
| 165°   | 998.7  | 997.7  | 996.7  | 995.6  | 994.6  | 994.1  | 994.2  | 994.4  | 994.5  | 994.7  | 994.9  |
| 167.5° | 1007.0 | 1006.0 | 1005.0 | 1004.0 | 1003.0 | 1002.5 | 1002.6 | 1002.7 | 1002.9 | 1003.0 | 1003.2 |
| 170°   | 1013.8 | 1012.6 | 1011.4 | 1010.3 | 1009.1 | 1008.5 | 1008.6 | 1008.8 | 1008.9 | 1009.1 | 1009.3 |
| 172.5° | 1018.4 | 1017.2 | 1016.0 | 1014.9 | 1013.7 | 1013.1 | 1013.3 | 1013.6 | 1013.9 | 1014.3 | 1014.6 |
| 175°   | 1021.4 | 1020.4 | 1019.4 | 1018.3 | 1017.3 | 1016.8 | 1016.9 | 1017.1 | 1017.2 | 1017.4 | 1017.6 |
| 177.5° | 1023.7 | 1022.7 | 1021.7 | 1020.6 | 1019.6 | 1019.1 | 1019.2 | 1019.4 | 1019.5 | 1019.7 | 1019.9 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 566.7 | 569.8 | 572.5 | 571.2 | 576.5 | 576.1 | 577.0 | 578.7 | 579.2 | 578.3 | 576.5 |
| 5°     | 597.5 | 601.9 | 609.5 | 613.5 | 612.6 | 616.2 | 618.0 | 620.7 | 623.3 | 622.4 | 622.4 |
| 7.5°   | 631.8 | 638.0 | 645.6 | 655.9 | 657.2 | 660.3 | 665.7 | 665.7 | 668.8 | 667.5 | 667.0 |
| 10°    | 661.7 | 669.3 | 681.3 | 689.3 | 692.9 | 694.7 | 700.0 | 701.8 | 705.4 | 705.8 | 705.8 |
| 12.5°  | 686.2 | 699.6 | 707.6 | 715.6 | 717.4 | 720.1 | 724.1 | 726.8 | 728.1 | 728.1 | 726.8 |
| 15°    | 699.1 | 709.8 | 719.2 | 727.7 | 732.6 | 734.8 | 738.8 | 741.9 | 743.7 | 747.7 | 748.6 |
| 17.5°  | 704.5 | 717.4 | 732.6 | 744.6 | 753.1 | 755.3 | 763.3 | 766.0 | 769.6 | 771.4 | 773.6 |
| 20°    | 712.1 | 730.8 | 749.1 | 763.8 | 771.8 | 777.6 | 786.1 | 798.6 | 802.1 | 802.1 | 800.8 |
| 22.5°  | 718.8 | 742.8 | 767.8 | 791.4 | 798.1 | 809.7 | 825.3 | 838.7 | 844.0 | 846.3 | 844.5 |
| 25°    | 726.8 | 759.8 | 792.3 | 821.7 | 840.0 | 848.5 | 869.5 | 885.5 | 891.8 | 895.3 | 896.2 |
| 27.5°  | 740.6 | 782.1 | 823.5 | 861.0 | 879.7 | 889.5 | 911.4 | 925.2 | 932.8 | 935.9 | 933.7 |
| 30°    | 756.2 | 807.0 | 855.2 | 888.6 | 901.1 | 913.2 | 927.4 | 932.8 | 931.0 | 931.0 | 937.7 |
| 32.5°  | 772.3 | 824.9 | 867.7 | 889.5 | 894.0 | 892.2 | 886.4 | 870.3 | 861.0 | 861.0 | 866.8 |
| 35°    | 781.2 | 826.7 | 848.5 | 841.4 | 824.0 | 813.7 | 782.1 | 764.2 | 744.2 | 742.8 | 749.5 |
| 37.5°  | 776.3 | 795.9 | 787.0 | 740.2 | 716.5 | 696.9 | 647.4 | 627.8 | 613.1 | 592.6 | 624.2 |
| 40°    | 741.9 | 735.2 | 688.9 | 621.6 | 595.2 | 567.6 | 528.4 | 508.7 | 488.2 | 485.1 | 492.7 |
| 42.5°  | 684.0 | 644.3 | 576.5 | 511.4 | 484.7 | 465.0 | 435.2 | 416.0 | 403.1 | 397.7 | 406.6 |
| 45°    | 611.7 | 549.3 | 481.5 | 429.8 | 400.4 | 390.1 | 362.9 | 346.0 | 336.2 | 332.2 | 338.4 |
| 47.5°  | 523.5 | 460.6 | 396.4 | 352.7 | 335.3 | 325.0 | 306.8 | 292.0 | 283.6 | 280.9 | 283.6 |
| 50°    | 444.5 | 379.9 | 325.9 | 297.8 | 282.2 | 273.8 | 258.6 | 249.2 | 242.6 | 240.8 | 245.2 |
| 52.5°  | 376.3 | 317.5 | 276.4 | 251.5 | 241.2 | 234.1 | 223.4 | 215.4 | 211.3 | 209.6 | 212.7 |
| 55°    | 315.2 | 267.5 | 234.5 | 213.1 | 205.5 | 201.1 | 191.7 | 187.3 | 182.8 | 182.4 | 185.5 |
| 57.5°  | 261.3 | 228.3 | 198.0 | 182.8 | 180.6 | 173.9 | 165.9 | 161.9 | 159.6 | 159.2 | 160.5 |
| 60°    | 217.6 | 188.2 | 169.9 | 156.5 | 153.4 | 148.0 | 143.6 | 140.9 | 138.2 | 137.3 | 138.2 |
| 62.5°  | 181.0 | 157.8 | 143.1 | 134.2 | 129.7 | 128.4 | 123.5 | 120.4 | 119.9 | 119.9 | 120.8 |
| 65°    | 149.4 | 129.7 | 120.4 | 113.3 | 110.1 | 108.8 | 105.2 | 103.0 | 103.4 | 103.4 | 103.9 |
| 67.5°  | 121.7 | 107.5 | 99.0  | 95.4  | 92.7  | 92.3  | 88.7  | 87.8  | 86.9  | 86.9  | 87.8  |
| 70°    | 96.8  | 87.8  | 81.6  | 79.8  | 79.4  | 76.2  | 74.9  | 74.5  | 73.1  | 73.6  | 73.6  |
| 72.5°  | 75.8  | 70.0  | 66.4  | 63.8  | 64.2  | 62.4  | 60.6  | 60.6  | 59.7  | 61.1  | 61.1  |
| 75°    | 56.2  | 53.5  | 50.8  | 49.9  | 50.8  | 49.9  | 48.6  | 48.2  | 48.6  | 48.2  | 48.2  |
| 77.5°  | 41.5  | 40.1  | 39.2  | 38.8  | 38.8  | 37.0  | 36.1  | 37.0  | 35.2  | 36.1  | 36.1  |
| 80°    | 29.0  | 27.2  | 26.8  | 25.9  | 26.3  | 25.0  | 25.4  | 24.5  | 24.5  | 24.5  | 24.5  |
| 82.5°  | 18.3  | 17.8  | 17.8  | 17.8  | 17.4  | 17.4  | 17.4  | 17.4  | 17.4  | 17.4  | 16.9  |
| 85°    | 11.1  | 10.7  | 10.7  | 10.7  | 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°    | 12.9  | 13.8  | 14.6  | 15.5  | 15.9  | 16.2  | 16.7  | 17.2  | 17.7  | 18.2  | 17.7  |
| 92.5°  | 12.9  | 13.8  | 14.6  | 15.5  | 15.9  | 16.0  | 16.2  | 16.3  | 16.5  | 16.7  | 16.5  |
| 95°    | 12.9  | 13.8  | 14.6  | 15.5  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  |
| 97.5°  | 13.9  | 14.3  | 14.6  | 14.9  | 15.1  | 15.2  | 15.4  | 15.5  | 15.7  | 15.9  | 15.7  |
| 100°   | 106.6 | 81.6  | 56.5  | 31.4  | 18.9  | 18.6  | 17.9  | 17.2  | 16.6  | 15.9  | 16.6  |
| 102.5° | 177.5 | 177.9 | 178.2 | 178.5 | 178.7 | 171.6 | 157.5 | 143.4 | 129.2 | 115.1 | 129.2 |
| 105°   | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.5 | 225.4 | 225.2 | 225.1 | 224.9 | 225.1 |
| 107.5° | 275.8 | 276.0 | 276.1 | 276.3 | 276.4 | 276.1 | 275.4 | 274.7 | 274.0 | 273.3 | 274.0 |
| 110°   | 325.1 | 324.6 | 324.1 | 323.6 | 323.3 | 323.4 | 323.6 | 323.7 | 323.9 | 324.1 | 323.9 |



TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.3  | 372.7  | 372.0  | 371.3  | 371.0  | 370.8  | 370.5  | 370.2  | 369.8  | 369.5  | 369.8  |
| 115°   | 421.8  | 421.2  | 420.5  | 419.8  | 419.5  | 419.0  | 418.0  | 416.9  | 415.9  | 414.9  | 415.9  |
| 117.5° | 469.2  | 468.2  | 467.1  | 466.1  | 465.6  | 465.4  | 465.1  | 464.8  | 464.4  | 464.1  | 464.4  |
| 120°   | 513.8  | 513.4  | 513.1  | 512.8  | 512.6  | 512.2  | 511.3  | 510.5  | 509.6  | 508.8  | 509.6  |
| 122.5° | 556.9  | 556.6  | 556.2  | 555.9  | 555.7  | 555.2  | 554.2  | 553.2  | 552.2  | 551.2  | 552.2  |
| 125°   | 599.0  | 598.3  | 597.6  | 596.9  | 596.6  | 596.4  | 595.9  | 595.4  | 594.9  | 594.4  | 594.9  |
| 127.5° | 637.2  | 636.8  | 636.5  | 636.2  | 636.0  | 635.3  | 634.0  | 632.6  | 631.3  | 629.9  | 631.3  |
| 130°   | 674.9  | 674.4  | 673.9  | 673.4  | 673.1  | 672.7  | 671.8  | 671.0  | 670.1  | 669.3  | 670.1  |
| 132.5° | 709.4  | 709.4  | 709.4  | 709.4  | 709.4  | 709.0  | 708.2  | 707.3  | 706.5  | 705.7  | 706.5  |
| 135°   | 744.0  | 743.6  | 743.3  | 743.0  | 742.8  | 742.3  | 741.3  | 740.2  | 739.2  | 738.2  | 739.2  |
| 137.5° | 776.1  | 776.1  | 776.1  | 776.1  | 776.1  | 775.7  | 774.8  | 774.0  | 773.1  | 772.3  | 773.1  |
| 140°   | 805.2  | 805.5  | 805.9  | 806.2  | 806.4  | 805.9  | 804.9  | 803.8  | 802.8  | 801.8  | 802.8  |
| 142.5° | 834.4  | 834.4  | 834.4  | 834.4  | 834.4  | 833.9  | 832.9  | 831.8  | 830.8  | 829.8  | 830.8  |
| 145°   | 861.1  | 861.2  | 861.4  | 861.5  | 861.6  | 861.1  | 860.1  | 859.1  | 858.1  | 857.1  | 858.1  |
| 147.5° | 884.5  | 884.7  | 884.8  | 885.0  | 885.1  | 884.5  | 883.3  | 882.2  | 881.0  | 879.8  | 881.0  |
| 150°   | 906.6  | 907.0  | 907.3  | 907.6  | 907.8  | 907.1  | 905.8  | 904.5  | 903.1  | 901.8  | 903.1  |
| 152.5° | 926.3  | 926.7  | 927.0  | 927.3  | 927.5  | 926.9  | 925.7  | 924.6  | 923.4  | 922.2  | 923.4  |
| 155°   | 943.9  | 944.4  | 944.9  | 945.4  | 945.7  | 945.0  | 943.7  | 942.3  | 941.0  | 939.6  | 941.0  |
| 157.5° | 959.0  | 959.5  | 960.0  | 960.5  | 960.8  | 960.1  | 958.8  | 957.5  | 956.1  | 954.8  | 956.1  |
| 160°   | 972.9  | 973.5  | 974.2  | 974.9  | 975.2  | 974.5  | 973.2  | 971.8  | 970.5  | 969.1  | 970.5  |
| 162.5° | 985.3  | 986.3  | 987.3  | 988.3  | 988.8  | 988.0  | 986.5  | 985.0  | 983.5  | 982.0  | 983.5  |
| 165°   | 995.9  | 996.9  | 997.9  | 998.9  | 999.4  | 998.7  | 997.4  | 996.1  | 994.7  | 993.4  | 994.7  |
| 167.5° | 1004.4 | 1005.6 | 1006.7 | 1007.9 | 1008.5 | 1007.7 | 1006.2 | 1004.7 | 1003.2 | 1001.7 | 1003.2 |
| 170°   | 1010.6 | 1012.0 | 1013.3 | 1014.6 | 1015.3 | 1014.5 | 1013.0 | 1011.5 | 1010.0 | 1008.5 | 1010.0 |
| 172.5° | 1015.8 | 1017.0 | 1018.1 | 1019.3 | 1019.9 | 1019.1 | 1017.6 | 1016.1 | 1014.6 | 1013.1 | 1014.6 |
| 175°   | 1019.0 | 1020.3 | 1021.7 | 1023.0 | 1023.7 | 1022.9 | 1021.4 | 1019.9 | 1018.3 | 1016.8 | 1018.3 |
| 177.5° | 1021.1 | 1022.3 | 1023.4 | 1024.6 | 1025.2 | 1024.5 | 1023.2 | 1021.8 | 1020.5 | 1019.1 | 1020.5 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1 | 543.1 | 543.1  | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 578.7 | 575.6 | 577.0 | 575.6  | 574.3 | 573.0 | 569.8 | 565.4 | 561.8 | 559.1 | 558.7 |
| 5°     | 623.3 | 619.3 | 616.6 | 615.3  | 612.6 | 609.1 | 603.3 | 596.6 | 588.6 | 585.4 | 579.2 |
| 7.5°   | 664.4 | 663.0 | 656.8 | 655.9  | 654.1 | 647.4 | 637.6 | 628.7 | 618.4 | 610.0 | 601.9 |
| 10°    | 703.1 | 700.0 | 695.6 | 689.3  | 688.4 | 680.0 | 670.6 | 658.1 | 644.7 | 636.7 | 622.4 |
| 12.5°  | 727.2 | 723.7 | 718.8 | 714.7  | 712.5 | 707.2 | 694.2 | 681.7 | 669.7 | 655.0 | 642.5 |
| 15°    | 744.6 | 740.2 | 731.2 | 728.1  | 725.4 | 718.3 | 708.9 | 696.0 | 680.0 | 669.7 | 651.9 |
| 17.5°  | 768.2 | 762.9 | 754.0 | 748.2  | 743.3 | 732.1 | 718.8 | 701.4 | 686.2 | 674.6 | 658.6 |
| 20°    | 795.4 | 787.4 | 775.8 | 768.2  | 761.1 | 748.2 | 729.5 | 708.9 | 687.1 | 672.8 | 656.3 |
| 22.5°  | 840.5 | 825.3 | 807.0 | 796.3  | 786.5 | 764.2 | 741.9 | 716.5 | 692.0 | 670.6 | 650.5 |
| 25°    | 884.2 | 869.0 | 846.3 | 831.6  | 816.4 | 790.5 | 761.1 | 725.9 | 694.7 | 669.7 | 643.4 |
| 27.5°  | 924.7 | 909.1 | 888.2 | 870.3  | 855.6 | 816.8 | 778.1 | 738.4 | 698.7 | 664.4 | 637.6 |
| 30°    | 934.1 | 927.4 | 911.4 | 895.8  | 882.4 | 846.7 | 801.7 | 751.3 | 703.6 | 659.5 | 629.6 |
| 32.5°  | 877.5 | 894.0 | 898.0 | 895.8  | 887.3 | 861.9 | 820.4 | 767.4 | 710.7 | 657.2 | 616.2 |
| 35°    | 759.8 | 789.6 | 820.4 | 836.9  | 844.9 | 848.5 | 824.0 | 775.4 | 715.6 | 653.7 | 607.3 |
| 37.5°  | 630.0 | 659.0 | 707.6 | 732.1  | 759.3 | 795.0 | 804.8 | 773.6 | 713.4 | 651.0 | 593.0 |
| 40°    | 517.7 | 554.7 | 594.8 | 617.1  | 640.7 | 704.9 | 753.5 | 750.0 | 706.3 | 641.2 | 581.9 |
| 42.5°  | 421.4 | 444.5 | 479.8 | 504.3  | 533.3 | 605.1 | 670.2 | 702.3 | 684.9 | 629.1 | 567.6 |
| 45°    | 351.4 | 369.2 | 394.2 | 419.1  | 437.0 | 502.1 | 579.2 | 631.8 | 648.3 | 607.7 | 545.8 |
| 47.5°  | 296.1 | 309.4 | 331.3 | 346.9  | 366.1 | 417.3 | 484.2 | 558.2 | 593.0 | 577.4 | 522.6 |
| 50°    | 253.7 | 264.4 | 281.8 | 291.6  | 308.5 | 352.7 | 403.5 | 481.1 | 533.7 | 535.5 | 491.8 |
| 52.5°  | 216.7 | 227.4 | 242.1 | 250.6  | 260.8 | 290.7 | 342.0 | 407.5 | 468.2 | 490.5 | 456.6 |
| 55°    | 188.6 | 194.8 | 206.9 | 213.6  | 222.9 | 251.9 | 284.5 | 340.2 | 403.5 | 440.1 | 418.7 |
| 57.5°  | 162.7 | 169.4 | 177.0 | 182.4  | 189.1 | 212.2 | 241.7 | 283.6 | 346.4 | 386.1 | 379.0 |
| 60°    | 141.8 | 145.8 | 152.9 | 156.9  | 163.2 | 178.4 | 198.9 | 240.8 | 290.7 | 328.2 | 332.2 |
| 62.5°  | 122.2 | 125.7 | 130.6 | 134.2  | 138.2 | 150.3 | 165.4 | 195.3 | 239.0 | 279.6 | 284.9 |
| 65°    | 105.2 | 108.3 | 111.0 | 114.1  | 117.3 | 124.8 | 137.8 | 161.0 | 194.8 | 232.7 | 244.3 |
| 67.5°  | 90.1  | 91.0  | 95.0  | 95.4   | 97.2  | 103.0 | 112.4 | 131.1 | 155.6 | 185.9 | 201.1 |
| 70°    | 75.4  | 77.1  | 78.0  | 79.4   | 81.1  | 85.2  | 92.7  | 102.6 | 120.8 | 145.4 | 159.6 |
| 72.5°  | 61.1  | 61.5  | 62.9  | 63.8   | 65.5  | 68.7  | 72.2  | 79.8  | 91.4  | 109.2 | 122.2 |
| 75°    | 48.6  | 49.0  | 49.9  | 50.4   | 51.7  | 52.6  | 54.4  | 59.7  | 67.8  | 78.5  | 87.8  |
| 77.5°  | 36.6  | 37.5  | 38.3  | 38.3   | 38.8  | 39.7  | 40.6  | 42.4  | 46.4  | 53.5  | 61.5  |
| 80°    | 25.0  | 25.4  | 25.4  | 25.9   | 25.4  | 26.8  | 28.1  | 30.3  | 32.1  | 34.3  | 38.3  |
| 82.5°  | 17.4  | 17.4  | 17.4  | 17.8   | 17.8  | 18.3  | 18.3  | 18.7  | 19.2  | 20.5  | 22.3  |
| 85°    | 10.7  | 10.7  | 11.1  | 10.3   | 10.7  | 11.1  | 11.1  | 10.7  | 11.1  | 11.6  | 12.0  |
| 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°    | 17.2  | 16.7  | 16.2  | 15.9   | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 10.9  | 9.7   |
| 92.5°  | 16.3  | 16.2  | 16.0  | 15.9   | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 11.1  | 10.1  |
| 95°    | 15.9  | 15.9  | 15.9  | 15.9   | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 18.5  | 24.9  |
| 97.5°  | 15.5  | 15.4  | 15.2  | 15.1   | 14.9  | 14.6  | 14.3  | 13.9  | 13.6  | 29.6  | 45.6  |
| 100°   | 17.2  | 17.9  | 18.6  | 18.9   | 31.4  | 56.5  | 81.6  | 106.6 | 131.7 | 131.0 | 130.4 |
| 102.5° | 143.4 | 157.5 | 171.6 | 178.7  | 178.5 | 178.2 | 177.9 | 177.5 | 177.2 | 176.9 | 176.5 |
| 105°   | 225.2 | 225.4 | 225.5 | 225.6  | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 |
| 107.5° | 274.7 | 275.4 | 276.1 | 276.4  | 276.3 | 276.1 | 276.0 | 275.8 | 275.6 | 275.3 | 274.9 |
| 110°   | 323.7 | 323.6 | 323.4 | 323.3  | 323.6 | 324.1 | 324.6 | 325.1 | 325.6 | 325.3 | 324.9 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 370.2  | 370.5  | 370.8  | 371.0  | 371.3  | 372.0  | 372.7  | 373.3  | 374.0  | 373.8  | 373.7  |
| 115°   | 416.9  | 418.0  | 419.0  | 419.5  | 419.8  | 420.5  | 421.2  | 421.8  | 422.5  | 422.3  | 422.1  |
| 117.5° | 464.8  | 465.1  | 465.4  | 465.6  | 466.1  | 467.1  | 468.2  | 469.2  | 470.2  | 469.5  | 468.9  |
| 120°   | 510.5  | 511.3  | 512.2  | 512.6  | 512.8  | 513.1  | 513.4  | 513.8  | 514.1  | 513.6  | 513.1  |
| 122.5° | 553.2  | 554.2  | 555.2  | 555.7  | 555.9  | 556.2  | 556.6  | 556.9  | 557.3  | 557.1  | 556.9  |
| 125°   | 595.4  | 595.9  | 596.4  | 596.6  | 596.9  | 597.6  | 598.3  | 599.0  | 599.7  | 599.7  | 599.7  |
| 127.5° | 632.6  | 634.0  | 635.3  | 636.0  | 636.2  | 636.5  | 636.8  | 637.2  | 637.5  | 637.7  | 637.9  |
| 130°   | 671.0  | 671.8  | 672.7  | 673.1  | 673.4  | 673.9  | 674.4  | 674.9  | 675.4  | 675.2  | 675.0  |
| 132.5° | 707.3  | 708.2  | 709.0  | 709.4  | 709.4  | 709.4  | 709.4  | 709.4  | 709.4  | 709.9  | 710.4  |
| 135°   | 740.2  | 741.3  | 742.3  | 742.8  | 743.0  | 743.3  | 743.6  | 744.0  | 744.3  | 744.6  | 745.0  |
| 137.5° | 774.0  | 774.8  | 775.7  | 776.1  | 776.1  | 776.1  | 776.1  | 776.1  | 776.1  | 776.4  | 776.8  |
| 140°   | 803.8  | 804.9  | 805.9  | 806.4  | 806.2  | 805.9  | 805.5  | 805.2  | 804.8  | 805.0  | 805.2  |
| 142.5° | 831.8  | 832.9  | 833.9  | 834.4  | 834.4  | 834.4  | 834.4  | 834.4  | 834.4  | 834.1  | 833.7  |
| 145°   | 859.1  | 860.1  | 861.1  | 861.6  | 861.5  | 861.4  | 861.2  | 861.1  | 860.9  | 860.9  | 860.9  |
| 147.5° | 882.2  | 883.3  | 884.5  | 885.1  | 885.0  | 884.8  | 884.7  | 884.5  | 884.3  | 884.1  | 884.0  |
| 150°   | 904.5  | 905.8  | 907.1  | 907.8  | 907.6  | 907.3  | 907.0  | 906.6  | 906.3  | 906.0  | 905.6  |
| 152.5° | 924.6  | 925.7  | 926.9  | 927.5  | 927.3  | 927.0  | 926.7  | 926.3  | 926.0  | 925.7  | 925.3  |
| 155°   | 942.3  | 943.7  | 945.0  | 945.7  | 945.4  | 944.9  | 944.4  | 943.9  | 943.4  | 943.1  | 942.7  |
| 157.5° | 957.5  | 958.8  | 960.1  | 960.8  | 960.5  | 960.0  | 959.5  | 959.0  | 958.5  | 958.5  | 958.5  |
| 160°   | 971.8  | 973.2  | 974.5  | 975.2  | 974.9  | 974.2  | 973.5  | 972.9  | 972.2  | 972.0  | 971.8  |
| 162.5° | 985.0  | 986.5  | 988.0  | 988.8  | 988.3  | 987.3  | 986.3  | 985.3  | 984.3  | 984.1  | 983.9  |
| 165°   | 996.1  | 997.4  | 998.7  | 999.4  | 998.9  | 997.9  | 996.9  | 995.9  | 994.9  | 994.7  | 994.5  |
| 167.5° | 1004.7 | 1006.2 | 1007.7 | 1008.5 | 1007.9 | 1006.7 | 1005.6 | 1004.4 | 1003.2 | 1003.0 | 1002.9 |
| 170°   | 1011.5 | 1013.0 | 1014.5 | 1015.3 | 1014.6 | 1013.3 | 1012.0 | 1010.6 | 1009.3 | 1009.1 | 1008.9 |
| 172.5° | 1016.1 | 1017.6 | 1019.1 | 1019.9 | 1019.3 | 1018.1 | 1017.0 | 1015.8 | 1014.6 | 1014.3 | 1013.9 |
| 175°   | 1019.9 | 1021.4 | 1022.9 | 1023.7 | 1023.0 | 1021.7 | 1020.3 | 1019.0 | 1017.6 | 1017.4 | 1017.2 |
| 177.5° | 1021.8 | 1023.2 | 1024.5 | 1025.2 | 1024.6 | 1023.4 | 1022.3 | 1021.1 | 1019.9 | 1019.7 | 1019.5 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

TEST NUMBER: P1027194

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1 | 543.1  | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 557.3 | 554.7 | 552.9  | 552.4 | 549.8 | 547.5 | 544.9 | 544.4 | 543.1 | 539.5 | 537.3 |
| 5°     | 574.7 | 568.5 | 567.2  | 563.1 | 556.5 | 551.5 | 545.3 | 541.7 | 537.7 | 531.0 | 525.7 |
| 7.5°   | 592.6 | 584.1 | 577.9  | 572.1 | 562.7 | 553.8 | 544.9 | 537.7 | 530.6 | 520.8 | 512.8 |
| 10°    | 610.0 | 597.0 | 589.4  | 581.0 | 568.0 | 554.7 | 542.2 | 531.9 | 520.3 | 508.7 | 497.2 |
| 12.5°  | 626.0 | 609.5 | 598.4  | 586.3 | 570.3 | 553.8 | 537.7 | 523.5 | 511.4 | 495.8 | 482.9 |
| 15°    | 635.8 | 617.5 | 606.4  | 594.8 | 570.7 | 552.4 | 533.7 | 515.4 | 499.4 | 482.9 | 470.8 |
| 17.5°  | 641.6 | 621.1 | 608.6  | 597.9 | 573.4 | 548.4 | 524.3 | 504.7 | 487.3 | 467.7 | 451.7 |
| 20°    | 638.9 | 618.9 | 607.3  | 597.0 | 568.5 | 543.5 | 517.7 | 494.9 | 473.1 | 453.0 | 436.1 |
| 22.5°  | 633.1 | 612.2 | 599.3  | 589.9 | 564.5 | 535.1 | 506.5 | 482.0 | 459.3 | 439.2 | 420.0 |
| 25°    | 620.7 | 600.1 | 589.0  | 577.4 | 552.4 | 524.3 | 495.4 | 469.1 | 445.0 | 423.6 | 402.2 |
| 27.5°  | 609.5 | 584.5 | 573.0  | 562.7 | 536.4 | 511.4 | 482.9 | 453.9 | 429.4 | 407.1 | 385.7 |
| 30°    | 596.6 | 568.5 | 556.0  | 542.2 | 518.6 | 494.9 | 466.4 | 439.6 | 414.2 | 390.6 | 370.1 |
| 32.5°  | 582.8 | 550.2 | 535.9  | 520.3 | 496.3 | 474.0 | 449.9 | 423.6 | 398.2 | 375.0 | 353.6 |
| 35°    | 564.9 | 530.1 | 513.6  | 498.9 | 474.0 | 451.7 | 429.4 | 407.5 | 382.1 | 357.6 | 337.1 |
| 37.5°  | 548.0 | 509.6 | 492.2  | 475.3 | 449.0 | 427.6 | 409.3 | 388.8 | 364.3 | 340.6 | 321.0 |
| 40°    | 528.8 | 484.7 | 466.8  | 451.2 | 424.0 | 400.4 | 383.9 | 367.8 | 346.4 | 323.7 | 302.3 |
| 42.5°  | 511.4 | 461.5 | 442.8  | 426.7 | 398.2 | 375.9 | 360.3 | 346.9 | 328.2 | 307.2 | 285.4 |
| 45°    | 487.3 | 436.5 | 417.3  | 400.4 | 371.4 | 350.5 | 334.4 | 322.8 | 308.1 | 288.5 | 268.9 |
| 47.5°  | 465.0 | 412.4 | 391.5  | 371.0 | 344.7 | 323.3 | 308.5 | 299.6 | 289.8 | 272.4 | 252.4 |
| 50°    | 437.9 | 384.8 | 363.4  | 346.4 | 316.6 | 298.3 | 283.6 | 277.3 | 268.4 | 251.9 | 235.9 |
| 52.5°  | 408.4 | 358.0 | 338.0  | 317.5 | 289.8 | 272.0 | 259.1 | 251.9 | 244.8 | 232.7 | 217.6 |
| 55°    | 374.1 | 328.2 | 309.4  | 291.2 | 263.5 | 247.0 | 235.4 | 227.8 | 223.8 | 212.7 | 201.5 |
| 57.5°  | 341.1 | 297.8 | 280.5  | 263.5 | 239.4 | 220.7 | 213.1 | 206.4 | 200.6 | 192.6 | 183.3 |
| 60°    | 307.7 | 268.4 | 249.7  | 234.5 | 213.6 | 196.6 | 190.4 | 183.7 | 179.2 | 173.0 | 166.3 |
| 62.5°  | 269.3 | 235.9 | 221.6  | 207.3 | 189.5 | 176.1 | 169.0 | 163.6 | 157.8 | 153.8 | 148.0 |
| 65°    | 228.7 | 205.1 | 191.3  | 180.6 | 163.6 | 151.6 | 146.2 | 142.7 | 137.8 | 133.8 | 129.3 |
| 67.5°  | 190.8 | 172.1 | 166.3  | 154.7 | 141.8 | 131.1 | 127.1 | 122.6 | 118.6 | 116.4 | 112.4 |
| 70°    | 154.3 | 140.9 | 135.1  | 132.0 | 117.7 | 110.6 | 107.0 | 105.2 | 100.3 | 98.1  | 95.4  |
| 72.5°  | 119.5 | 114.6 | 110.6  | 106.6 | 97.2  | 92.7  | 88.7  | 86.9  | 83.4  | 81.6  | 80.7  |
| 75°    | 88.3  | 85.2  | 82.9   | 82.5  | 78.5  | 74.0  | 70.0  | 69.1  | 66.4  | 64.7  | 63.8  |
| 77.5°  | 62.0  | 61.1  | 60.6   | 61.1  | 58.4  | 55.7  | 54.8  | 54.0  | 50.8  | 50.4  | 50.4  |
| 80°    | 40.6  | 42.8  | 42.8   | 42.4  | 41.5  | 41.0  | 39.7  | 38.8  | 37.0  | 36.6  | 37.0  |
| 82.5°  | 25.0  | 26.3  | 26.8   | 27.6  | 27.2  | 26.8  | 25.9  | 25.4  | 25.9  | 25.0  | 25.4  |
| 85°    | 12.5  | 13.4  | 15.2   | 15.2  | 15.6  | 15.6  | 15.6  | 15.2  | 14.3  | 14.7  | 14.3  |
| 87.5°  | 4.9   | 5.4   | 5.4    | 5.4   | 4.9   | 6.2   | 6.7   | 6.7   | 6.7   | 5.8   | 5.8   |
| 90°    | 8.6   | 7.4   | 6.8    | 6.1   | 4.8   | 3.5   | 2.1   | 0.8   | 2.1   | 3.5   | 4.8   |
| 92.5°  | 9.1   | 8.1   | 7.6    | 8.4   | 9.9   | 11.4  | 12.9  | 14.4  | 12.9  | 11.4  | 9.9   |
| 95°    | 31.3  | 37.7  | 40.9   | 41.2  | 41.7  | 42.2  | 42.7  | 43.2  | 42.7  | 42.2  | 41.7  |
| 97.5°  | 61.6  | 77.6  | 85.6   | 85.1  | 84.1  | 83.0  | 82.0  | 81.0  | 82.0  | 83.0  | 84.1  |
| 100°   | 129.7 | 129.0 | 128.7  | 128.4 | 127.9 | 127.4 | 126.9 | 126.4 | 126.9 | 127.4 | 127.9 |
| 102.5° | 176.2 | 175.9 | 175.7  | 175.4 | 174.7 | 174.0 | 173.3 | 172.6 | 173.3 | 174.0 | 174.7 |
| 105°   | 225.6 | 225.6 | 225.6  | 225.3 | 224.6 | 223.9 | 223.3 | 222.6 | 223.3 | 223.9 | 224.6 |
| 107.5° | 274.6 | 274.3 | 274.1  | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 | 274.1 |
| 110°   | 324.6 | 324.3 | 324.1  | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 | 324.1 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.5  | 373.4  | 373.3  | 373.0  | 372.5  | 372.0  | 371.5  | 371.0  | 371.5  | 372.0  | 372.5  |
| 115°   | 422.0  | 421.8  | 421.7  | 421.3  | 420.4  | 419.6  | 418.7  | 417.9  | 418.7  | 419.6  | 420.4  |
| 117.5° | 468.2  | 467.5  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  | 467.2  |
| 120°   | 512.6  | 512.1  | 511.8  | 511.9  | 512.1  | 512.2  | 512.4  | 512.6  | 512.4  | 512.2  | 512.1  |
| 122.5° | 556.8  | 556.6  | 556.5  | 556.1  | 555.2  | 554.4  | 553.5  | 552.7  | 553.5  | 554.4  | 555.2  |
| 125°   | 599.7  | 599.7  | 599.7  | 599.1  | 597.9  | 596.8  | 595.6  | 594.4  | 595.6  | 596.8  | 597.9  |
| 127.5° | 638.0  | 638.2  | 638.3  | 637.9  | 637.0  | 636.2  | 635.3  | 634.5  | 635.3  | 636.2  | 637.0  |
| 130°   | 674.9  | 674.7  | 674.6  | 674.2  | 673.3  | 672.5  | 671.6  | 670.8  | 671.6  | 672.5  | 673.3  |
| 132.5° | 710.9  | 711.4  | 711.7  | 711.2  | 710.2  | 709.2  | 708.2  | 707.2  | 708.2  | 709.2  | 710.2  |
| 135°   | 745.3  | 745.6  | 745.8  | 745.3  | 744.3  | 743.2  | 742.2  | 741.2  | 742.2  | 743.2  | 744.3  |
| 137.5° | 777.1  | 777.4  | 777.6  | 777.1  | 776.1  | 775.0  | 774.0  | 773.0  | 774.0  | 775.0  | 776.1  |
| 140°   | 805.3  | 805.5  | 805.6  | 805.4  | 805.1  | 804.8  | 804.4  | 804.1  | 804.4  | 804.8  | 805.1  |
| 142.5° | 833.4  | 833.1  | 832.9  | 832.8  | 832.6  | 832.5  | 832.3  | 832.1  | 832.3  | 832.5  | 832.6  |
| 145°   | 860.9  | 860.9  | 860.9  | 860.7  | 860.4  | 860.1  | 859.7  | 859.4  | 859.7  | 860.1  | 860.4  |
| 147.5° | 883.8  | 883.7  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  | 883.6  |
| 150°   | 905.3  | 905.0  | 904.8  | 905.0  | 905.3  | 905.6  | 906.0  | 906.3  | 906.0  | 905.6  | 905.3  |
| 152.5° | 925.0  | 924.7  | 924.5  | 924.9  | 925.8  | 926.6  | 927.5  | 928.3  | 927.5  | 926.6  | 925.8  |
| 155°   | 942.4  | 942.1  | 941.9  | 942.4  | 943.4  | 944.4  | 945.4  | 946.4  | 945.4  | 944.4  | 943.4  |
| 157.5° | 958.5  | 958.5  | 958.5  | 958.8  | 959.3  | 959.8  | 960.3  | 960.8  | 960.3  | 959.8  | 959.3  |
| 160°   | 971.7  | 971.5  | 971.4  | 971.9  | 972.9  | 974.0  | 975.0  | 976.0  | 975.0  | 974.0  | 972.9  |
| 162.5° | 983.8  | 983.6  | 983.5  | 984.0  | 985.0  | 986.1  | 987.1  | 988.1  | 987.1  | 986.1  | 985.0  |
| 165°   | 994.4  | 994.2  | 994.1  | 994.6  | 995.6  | 996.7  | 997.7  | 998.7  | 997.7  | 996.7  | 995.6  |
| 167.5° | 1002.7 | 1002.6 | 1002.5 | 1003.0 | 1004.0 | 1005.0 | 1006.0 | 1007.0 | 1006.0 | 1005.0 | 1004.0 |
| 170°   | 1008.8 | 1008.6 | 1008.5 | 1009.1 | 1010.3 | 1011.4 | 1012.6 | 1013.8 | 1012.6 | 1011.4 | 1010.3 |
| 172.5° | 1013.6 | 1013.3 | 1013.1 | 1013.7 | 1014.9 | 1016.0 | 1017.2 | 1018.4 | 1017.2 | 1016.0 | 1014.9 |
| 175°   | 1017.1 | 1016.9 | 1016.8 | 1017.3 | 1018.3 | 1019.4 | 1020.4 | 1021.4 | 1020.4 | 1019.4 | 1018.3 |
| 177.5° | 1019.4 | 1019.2 | 1019.1 | 1019.6 | 1020.6 | 1021.7 | 1022.7 | 1023.7 | 1022.7 | 1021.7 | 1020.6 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1  | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 535.9 | 534.2  | 532.8 | 531.5 | 525.7 | 519.4 | 518.6 | 517.2 | 514.5 | 517.7 | 516.3 |
| 5°     | 522.1 | 518.1  | 515.9 | 510.1 | 502.9 | 497.6 | 493.1 | 487.8 | 485.6 | 483.8 | 483.3 |
| 7.5°   | 505.2 | 501.6  | 497.6 | 491.8 | 482.9 | 474.0 | 467.3 | 461.9 | 457.5 | 455.2 | 455.2 |
| 10°    | 488.7 | 484.2  | 478.9 | 469.1 | 460.6 | 449.4 | 442.3 | 437.0 | 430.7 | 427.1 | 424.0 |
| 12.5°  | 471.7 | 466.8  | 461.9 | 449.4 | 439.6 | 428.0 | 417.8 | 411.1 | 408.0 | 404.0 | 398.6 |
| 15°    | 454.8 | 447.2  | 442.3 | 429.8 | 417.3 | 405.7 | 399.1 | 391.9 | 384.8 | 380.8 | 379.0 |
| 17.5°  | 437.0 | 431.6  | 423.6 | 410.2 | 396.4 | 386.1 | 376.3 | 369.6 | 361.2 | 357.1 | 353.1 |
| 20°    | 420.9 | 412.9  | 404.9 | 391.5 | 378.1 | 364.3 | 354.5 | 346.4 | 341.1 | 338.0 | 334.4 |
| 22.5°  | 401.7 | 394.2  | 387.5 | 373.2 | 358.5 | 345.6 | 334.9 | 329.9 | 324.6 | 319.7 | 316.1 |
| 25°    | 385.2 | 377.7  | 371.0 | 355.4 | 339.3 | 327.3 | 319.2 | 313.0 | 307.2 | 305.0 | 301.4 |
| 27.5°  | 367.8 | 360.7  | 351.8 | 336.2 | 321.9 | 311.7 | 303.2 | 297.4 | 292.9 | 288.5 | 285.8 |
| 30°    | 351.4 | 343.3  | 335.3 | 318.4 | 306.8 | 296.5 | 288.5 | 281.3 | 277.8 | 275.6 | 271.1 |
| 32.5°  | 335.3 | 325.0  | 318.4 | 302.7 | 291.6 | 281.8 | 275.1 | 268.9 | 264.4 | 260.4 | 256.8 |
| 35°    | 317.9 | 306.8  | 300.1 | 287.1 | 275.6 | 265.7 | 259.9 | 255.5 | 250.1 | 246.6 | 244.8 |
| 37.5°  | 301.4 | 292.0  | 285.4 | 272.0 | 260.4 | 252.4 | 246.1 | 240.3 | 238.1 | 233.2 | 232.3 |
| 40°    | 283.6 | 275.6  | 269.3 | 256.4 | 245.7 | 239.4 | 232.7 | 227.4 | 223.4 | 221.2 | 218.0 |
| 42.5°  | 267.5 | 260.8  | 254.1 | 242.1 | 231.9 | 224.3 | 219.4 | 214.5 | 210.9 | 207.3 | 205.1 |
| 45°    | 252.8 | 245.7  | 239.4 | 227.8 | 217.6 | 210.9 | 206.0 | 200.2 | 199.3 | 194.4 | 192.2 |
| 47.5°  | 237.2 | 231.0  | 225.6 | 213.6 | 204.2 | 197.5 | 191.7 | 187.7 | 183.7 | 181.9 | 178.8 |
| 50°    | 222.0 | 215.8  | 209.6 | 198.9 | 190.4 | 183.7 | 177.9 | 173.4 | 171.2 | 168.5 | 165.9 |
| 52.5°  | 205.5 | 200.6  | 195.7 | 184.6 | 176.1 | 170.3 | 165.4 | 159.6 | 157.4 | 155.2 | 153.4 |
| 55°    | 191.7 | 184.6  | 179.2 | 169.9 | 162.3 | 156.1 | 150.7 | 146.2 | 144.0 | 142.2 | 140.0 |
| 57.5°  | 173.0 | 168.5  | 164.1 | 155.6 | 148.5 | 142.2 | 136.9 | 133.3 | 130.6 | 129.3 | 129.7 |
| 60°    | 156.9 | 152.0  | 149.4 | 140.5 | 133.3 | 128.4 | 123.5 | 119.9 | 117.3 | 115.9 | 115.5 |
| 62.5°  | 140.0 | 136.4  | 131.5 | 125.3 | 118.2 | 113.7 | 110.1 | 107.5 | 103.0 | 102.6 | 101.2 |
| 65°    | 123.5 | 120.8  | 116.4 | 110.6 | 104.8 | 100.8 | 96.8  | 93.2  | 91.4  | 89.2  | 87.8  |
| 67.5°  | 107.5 | 104.8  | 100.8 | 95.9  | 91.9  | 87.8  | 84.3  | 80.7  | 77.6  | 75.8  | 74.9  |
| 70°    | 91.9  | 89.6   | 86.9  | 81.1  | 76.2  | 73.1  | 70.4  | 68.2  | 65.1  | 64.2  | 63.8  |
| 72.5°  | 76.7  | 74.5   | 73.1  | 68.2  | 63.8  | 61.1  | 58.4  | 56.2  | 54.8  | 54.4  | 53.1  |
| 75°    | 62.9  | 60.6   | 58.9  | 54.4  | 51.7  | 49.9  | 47.3  | 46.4  | 45.0  | 44.6  | 44.1  |
| 77.5°  | 49.0  | 46.8   | 46.4  | 43.2  | 40.1  | 39.2  | 38.3  | 36.6  | 36.6  | 36.6  | 35.7  |
| 80°    | 35.2  | 34.8   | 34.3  | 31.2  | 29.9  | 29.0  | 28.5  | 27.2  | 26.3  | 25.4  | 25.0  |
| 82.5°  | 23.6  | 23.2   | 22.7  | 21.4  | 20.1  | 19.6  | 19.2  | 18.3  | 18.3  | 18.7  | 17.8  |
| 85°    | 14.3  | 13.4   | 12.9  | 12.5  | 11.6  | 11.6  | 12.0  | 11.6  | 11.6  | 11.6  | 11.1  |
| 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°    | 6.1   | 6.8    | 7.4   | 8.6   | 9.7   | 10.9  | 12.1  | 12.9  | 13.8  | 14.6  | 15.5  |
| 92.5°  | 8.4   | 7.6    | 8.1   | 9.1   | 10.1  | 11.1  | 12.1  | 12.9  | 13.8  | 14.6  | 15.5  |
| 95°    | 41.2  | 40.9   | 37.7  | 31.3  | 24.9  | 18.5  | 12.1  | 12.9  | 13.8  | 14.6  | 15.5  |
| 97.5°  | 85.1  | 85.6   | 77.6  | 61.6  | 45.6  | 29.6  | 13.6  | 13.9  | 14.3  | 14.6  | 14.9  |
| 100°   | 128.4 | 128.7  | 129.0 | 129.7 | 130.4 | 131.0 | 131.7 | 106.6 | 81.6  | 56.5  | 31.4  |
| 102.5° | 175.4 | 175.7  | 175.9 | 176.2 | 176.5 | 176.9 | 177.2 | 177.5 | 177.9 | 178.2 | 178.5 |
| 105°   | 225.3 | 225.6  | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 |
| 107.5° | 274.1 | 274.1  | 274.3 | 274.6 | 274.9 | 275.3 | 275.6 | 275.8 | 276.0 | 276.1 | 276.3 |
| 110°   | 324.1 | 324.1  | 324.3 | 324.6 | 324.9 | 325.3 | 325.6 | 325.1 | 324.6 | 324.1 | 323.6 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.0  | 373.3  | 373.4  | 373.5  | 373.7  | 373.8  | 374.0  | 373.3  | 372.7  | 372.0  | 371.3  |
| 115°   | 421.3  | 421.7  | 421.8  | 422.0  | 422.1  | 422.3  | 422.5  | 421.8  | 421.2  | 420.5  | 419.8  |
| 117.5° | 467.2  | 467.2  | 467.5  | 468.2  | 468.9  | 469.5  | 470.2  | 469.2  | 468.2  | 467.1  | 466.1  |
| 120°   | 511.9  | 511.8  | 512.1  | 512.6  | 513.1  | 513.6  | 514.1  | 513.8  | 513.4  | 513.1  | 512.8  |
| 122.5° | 556.1  | 556.5  | 556.6  | 556.8  | 556.9  | 557.1  | 557.3  | 556.9  | 556.6  | 556.2  | 555.9  |
| 125°   | 599.1  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  | 599.0  | 598.3  | 597.6  | 596.9  |
| 127.5° | 637.9  | 638.3  | 638.2  | 638.0  | 637.9  | 637.7  | 637.5  | 637.2  | 636.8  | 636.5  | 636.2  |
| 130°   | 674.2  | 674.6  | 674.7  | 674.9  | 675.0  | 675.2  | 675.4  | 674.9  | 674.4  | 673.9  | 673.4  |
| 132.5° | 711.2  | 711.7  | 711.4  | 710.9  | 710.4  | 709.9  | 709.4  | 709.4  | 709.4  | 709.4  | 709.4  |
| 135°   | 745.3  | 745.8  | 745.6  | 745.3  | 745.0  | 744.6  | 744.3  | 744.0  | 743.6  | 743.3  | 743.0  |
| 137.5° | 777.1  | 777.6  | 777.4  | 777.1  | 776.8  | 776.4  | 776.1  | 776.1  | 776.1  | 776.1  | 776.1  |
| 140°   | 805.4  | 805.6  | 805.5  | 805.3  | 805.2  | 805.0  | 804.8  | 805.2  | 805.5  | 805.9  | 806.2  |
| 142.5° | 832.8  | 832.9  | 833.1  | 833.4  | 833.7  | 834.1  | 834.4  | 834.4  | 834.4  | 834.4  | 834.4  |
| 145°   | 860.7  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  | 861.1  | 861.2  | 861.4  | 861.5  |
| 147.5° | 883.6  | 883.6  | 883.7  | 883.8  | 884.0  | 884.1  | 884.3  | 884.5  | 884.7  | 884.8  | 885.0  |
| 150°   | 905.0  | 904.8  | 905.0  | 905.3  | 905.6  | 906.0  | 906.3  | 906.6  | 907.0  | 907.3  | 907.6  |
| 152.5° | 924.9  | 924.5  | 924.7  | 925.0  | 925.3  | 925.7  | 926.0  | 926.3  | 926.7  | 927.0  | 927.3  |
| 155°   | 942.4  | 941.9  | 942.1  | 942.4  | 942.7  | 943.1  | 943.4  | 943.9  | 944.4  | 944.9  | 945.4  |
| 157.5° | 958.8  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 959.0  | 959.5  | 960.0  | 960.5  |
| 160°   | 971.9  | 971.4  | 971.5  | 971.7  | 971.8  | 972.0  | 972.2  | 972.9  | 973.5  | 974.2  | 974.9  |
| 162.5° | 984.0  | 983.5  | 983.6  | 983.8  | 983.9  | 984.1  | 984.3  | 985.3  | 986.3  | 987.3  | 988.3  |
| 165°   | 994.6  | 994.1  | 994.2  | 994.4  | 994.5  | 994.7  | 994.9  | 995.9  | 996.9  | 997.9  | 998.9  |
| 167.5° | 1003.0 | 1002.5 | 1002.6 | 1002.7 | 1002.9 | 1003.0 | 1003.2 | 1004.4 | 1005.6 | 1006.7 | 1007.9 |
| 170°   | 1009.1 | 1008.5 | 1008.6 | 1008.8 | 1008.9 | 1009.1 | 1009.3 | 1010.6 | 1012.0 | 1013.3 | 1014.6 |
| 172.5° | 1013.7 | 1013.1 | 1013.3 | 1013.6 | 1013.9 | 1014.3 | 1014.6 | 1015.8 | 1017.0 | 1018.1 | 1019.3 |
| 175°   | 1017.3 | 1016.8 | 1016.9 | 1017.1 | 1017.2 | 1017.4 | 1017.6 | 1019.0 | 1020.3 | 1021.7 | 1023.0 |
| 177.5° | 1019.6 | 1019.1 | 1019.2 | 1019.4 | 1019.5 | 1019.7 | 1019.9 | 1021.1 | 1022.3 | 1023.4 | 1024.6 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 543.1  | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1  |
| 2.5°   | 514.1  | 515.0 | 512.8 | 511.9 | 510.1 | 512.3 | 512.8 | 512.3 | 516.3 | 514.5 | 515.4  |
| 5°     | 484.2  | 482.4 | 481.1 | 478.0 | 478.0 | 478.4 | 479.8 | 477.5 | 478.9 | 482.0 | 481.5  |
| 7.5°   | 451.2  | 450.3 | 450.8 | 447.2 | 444.5 | 445.4 | 444.5 | 448.6 | 450.8 | 449.9 | 451.7  |
| 10°    | 421.4  | 423.1 | 419.1 | 417.3 | 415.6 | 417.3 | 416.9 | 417.8 | 420.5 | 422.2 | 425.4  |
| 12.5°  | 397.3  | 396.8 | 394.6 | 392.8 | 389.7 | 390.6 | 393.3 | 392.4 | 392.8 | 396.8 | 396.4  |
| 15°    | 374.5  | 371.9 | 370.1 | 366.1 | 367.0 | 363.8 | 366.5 | 369.6 | 371.0 | 374.5 | 376.8  |
| 17.5°  | 351.8  | 351.4 | 349.1 | 348.7 | 343.8 | 342.4 | 345.1 | 346.0 | 347.3 | 349.1 | 352.2  |
| 20°    | 332.6  | 332.2 | 329.1 | 328.2 | 324.2 | 326.8 | 325.9 | 327.7 | 328.6 | 332.2 | 333.5  |
| 22.5°  | 315.2  | 313.0 | 312.1 | 310.8 | 309.4 | 309.0 | 310.8 | 310.3 | 313.5 | 314.8 | 315.2  |
| 25°    | 299.2  | 297.4 | 297.0 | 294.7 | 293.8 | 292.5 | 293.8 | 295.2 | 298.7 | 300.1 | 301.9  |
| 27.5°  | 284.5  | 283.1 | 282.2 | 280.5 | 279.1 | 279.1 | 280.0 | 281.8 | 283.1 | 284.0 | 284.9  |
| 30°    | 271.1  | 270.2 | 267.5 | 266.6 | 265.3 | 265.3 | 265.3 | 266.2 | 268.4 | 271.1 | 272.4  |
| 32.5°  | 257.3  | 255.5 | 253.7 | 253.7 | 252.4 | 252.4 | 252.8 | 253.7 | 255.9 | 256.4 | 258.6  |
| 35°    | 243.9  | 242.1 | 240.8 | 239.9 | 240.3 | 238.5 | 239.4 | 240.8 | 243.4 | 244.3 | 245.7  |
| 37.5°  | 231.0  | 230.5 | 227.8 | 226.5 | 227.4 | 227.4 | 227.0 | 227.8 | 229.6 | 231.4 | 232.3  |
| 40°    | 216.7  | 215.8 | 215.8 | 214.5 | 214.9 | 213.1 | 214.5 | 215.4 | 216.2 | 218.0 | 219.4  |
| 42.5°  | 204.2  | 203.3 | 201.5 | 202.0 | 200.6 | 200.6 | 201.5 | 202.0 | 203.3 | 205.5 | 206.4  |
| 45°    | 190.8  | 190.8 | 189.9 | 188.6 | 189.1 | 187.7 | 188.6 | 189.1 | 190.8 | 193.1 | 192.2  |
| 47.5°  | 177.9  | 177.5 | 177.5 | 175.7 | 176.6 | 175.2 | 176.6 | 177.0 | 177.9 | 179.2 | 178.8  |
| 50°    | 165.4  | 164.1 | 164.5 | 164.1 | 163.6 | 163.6 | 164.5 | 164.5 | 165.4 | 165.4 | 166.8  |
| 52.5°  | 152.5  | 152.5 | 151.6 | 152.0 | 152.9 | 152.0 | 153.4 | 152.0 | 152.9 | 153.4 | 154.3  |
| 55°    | 140.9  | 140.0 | 140.5 | 140.0 | 141.8 | 140.5 | 141.8 | 140.9 | 141.8 | 141.3 | 142.2  |
| 57.5°  | 128.4  | 127.1 | 127.5 | 127.1 | 128.4 | 128.0 | 129.3 | 128.0 | 128.4 | 128.9 | 130.2  |
| 60°    | 114.1  | 114.1 | 114.1 | 113.3 | 114.6 | 114.6 | 114.1 | 114.1 | 115.9 | 116.8 | 116.4  |
| 62.5°  | 100.8  | 100.3 | 99.0  | 98.5  | 99.0  | 98.1  | 99.9  | 99.4  | 100.3 | 101.2 | 102.1  |
| 65°    | 86.1   | 85.2  | 84.7  | 83.8  | 83.8  | 83.4  | 83.8  | 85.6  | 86.1  | 86.5  | 88.7   |
| 67.5°  | 74.0   | 73.6  | 73.1  | 71.8  | 71.8  | 72.7  | 72.7  | 72.7  | 75.4  | 74.0  | 75.8   |
| 70°    | 63.3   | 62.4  | 61.5  | 61.1  | 61.1  | 61.5  | 62.0  | 62.4  | 62.0  | 63.8  | 64.2   |
| 72.5°  | 53.1   | 53.5  | 52.6  | 52.6  | 52.6  | 52.2  | 52.2  | 53.1  | 53.5  | 53.1  | 53.5   |
| 75°    | 44.1   | 44.1  | 43.7  | 44.1  | 44.1  | 43.7  | 43.7  | 44.6  | 44.6  | 44.1  | 45.5   |
| 77.5°  | 35.7   | 35.2  | 34.3  | 33.4  | 33.9  | 33.4  | 33.9  | 33.4  | 34.8  | 36.1  | 35.2   |
| 80°    | 25.0   | 24.5  | 24.5  | 24.5  | 25.0  | 24.5  | 25.4  | 24.5  | 25.0  | 25.0  | 25.4   |
| 82.5°  | 17.8   | 18.3  | 18.3  | 17.8  | 18.3  | 17.8  | 18.3  | 18.3  | 18.3  | 17.8  | 18.3   |
| 85°    | 11.6   | 11.6  | 11.6  | 11.6  | 11.1  | 11.6  | 11.6  | 11.6  | 12.0  | 11.6  | 12.0   |
| 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°    | 15.9   | 16.2  | 16.7  | 17.2  | 17.7  | 18.2  | 17.7  | 17.2  | 16.7  | 16.2  | 15.9   |
| 92.5°  | 15.9   | 16.0  | 16.2  | 16.3  | 16.5  | 16.7  | 16.5  | 16.3  | 16.2  | 16.0  | 15.9   |
| 95°    | 15.9   | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9  | 15.9   |
| 97.5°  | 15.1   | 15.2  | 15.4  | 15.5  | 15.7  | 15.9  | 15.7  | 15.5  | 15.4  | 15.2  | 15.1   |
| 100°   | 18.9   | 18.6  | 17.9  | 17.2  | 16.6  | 15.9  | 16.6  | 17.2  | 17.9  | 18.6  | 18.9   |
| 102.5° | 178.7  | 171.6 | 157.5 | 143.4 | 129.2 | 115.1 | 129.2 | 143.4 | 157.5 | 171.6 | 178.7  |
| 105°   | 225.6  | 225.5 | 225.4 | 225.2 | 225.1 | 224.9 | 225.1 | 225.2 | 225.4 | 225.5 | 225.6  |
| 107.5° | 276.4  | 276.1 | 275.4 | 274.7 | 274.0 | 273.3 | 274.0 | 274.7 | 275.4 | 276.1 | 276.4  |
| 110°   | 323.3  | 323.4 | 323.6 | 323.7 | 323.9 | 324.1 | 323.9 | 323.7 | 323.6 | 323.4 | 323.3  |



TEST NUMBER: P1027194

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 371.0  | 370.8  | 370.5  | 370.2  | 369.8  | 369.5  | 369.8  | 370.2  | 370.5  | 370.8  | 371.0  |
| 115°   | 419.5  | 419.0  | 418.0  | 416.9  | 415.9  | 414.9  | 415.9  | 416.9  | 418.0  | 419.0  | 419.5  |
| 117.5° | 465.6  | 465.4  | 465.1  | 464.8  | 464.4  | 464.1  | 464.4  | 464.8  | 465.1  | 465.4  | 465.6  |
| 120°   | 512.6  | 512.2  | 511.3  | 510.5  | 509.6  | 508.8  | 509.6  | 510.5  | 511.3  | 512.2  | 512.6  |
| 122.5° | 555.7  | 555.2  | 554.2  | 553.2  | 552.2  | 551.2  | 552.2  | 553.2  | 554.2  | 555.2  | 555.7  |
| 125°   | 596.6  | 596.4  | 595.9  | 595.4  | 594.9  | 594.4  | 594.9  | 595.4  | 595.9  | 596.4  | 596.6  |
| 127.5° | 636.0  | 635.3  | 634.0  | 632.6  | 631.3  | 629.9  | 631.3  | 632.6  | 634.0  | 635.3  | 636.0  |
| 130°   | 673.1  | 672.7  | 671.8  | 671.0  | 670.1  | 669.3  | 670.1  | 671.0  | 671.8  | 672.7  | 673.1  |
| 132.5° | 709.4  | 709.0  | 708.2  | 707.3  | 706.5  | 705.7  | 706.5  | 707.3  | 708.2  | 709.0  | 709.4  |
| 135°   | 742.8  | 742.3  | 741.3  | 740.2  | 739.2  | 738.2  | 739.2  | 740.2  | 741.3  | 742.3  | 742.8  |
| 137.5° | 776.1  | 775.7  | 774.8  | 774.0  | 773.1  | 772.3  | 773.1  | 774.0  | 774.8  | 775.7  | 776.1  |
| 140°   | 806.4  | 805.9  | 804.9  | 803.8  | 802.8  | 801.8  | 802.8  | 803.8  | 804.9  | 805.9  | 806.4  |
| 142.5° | 834.4  | 833.9  | 832.9  | 831.8  | 830.8  | 829.8  | 830.8  | 831.8  | 832.9  | 833.9  | 834.4  |
| 145°   | 861.6  | 861.1  | 860.1  | 859.1  | 858.1  | 857.1  | 858.1  | 859.1  | 860.1  | 861.1  | 861.6  |
| 147.5° | 885.1  | 884.5  | 883.3  | 882.2  | 881.0  | 879.8  | 881.0  | 882.2  | 883.3  | 884.5  | 885.1  |
| 150°   | 907.8  | 907.1  | 905.8  | 904.5  | 903.1  | 901.8  | 903.1  | 904.5  | 905.8  | 907.1  | 907.8  |
| 152.5° | 927.5  | 926.9  | 925.7  | 924.6  | 923.4  | 922.2  | 923.4  | 924.6  | 925.7  | 926.9  | 927.5  |
| 155°   | 945.7  | 945.0  | 943.7  | 942.3  | 941.0  | 939.6  | 941.0  | 942.3  | 943.7  | 945.0  | 945.7  |
| 157.5° | 960.8  | 960.1  | 958.8  | 957.5  | 956.1  | 954.8  | 956.1  | 957.5  | 958.8  | 960.1  | 960.8  |
| 160°   | 975.2  | 974.5  | 973.2  | 971.8  | 970.5  | 969.1  | 970.5  | 971.8  | 973.2  | 974.5  | 975.2  |
| 162.5° | 988.8  | 988.0  | 986.5  | 985.0  | 983.5  | 982.0  | 983.5  | 985.0  | 986.5  | 988.0  | 988.8  |
| 165°   | 999.4  | 998.7  | 997.4  | 996.1  | 994.7  | 993.4  | 994.7  | 996.1  | 997.4  | 998.7  | 999.4  |
| 167.5° | 1008.5 | 1007.7 | 1006.2 | 1004.7 | 1003.2 | 1001.7 | 1003.2 | 1004.7 | 1006.2 | 1007.7 | 1008.5 |
| 170°   | 1015.3 | 1014.5 | 1013.0 | 1011.5 | 1010.0 | 1008.5 | 1010.0 | 1011.5 | 1013.0 | 1014.5 | 1015.3 |
| 172.5° | 1019.9 | 1019.1 | 1017.6 | 1016.1 | 1014.6 | 1013.1 | 1014.6 | 1016.1 | 1017.6 | 1019.1 | 1019.9 |
| 175°   | 1023.7 | 1022.9 | 1021.4 | 1019.9 | 1018.3 | 1016.8 | 1018.3 | 1019.9 | 1021.4 | 1022.9 | 1023.7 |
| 177.5° | 1025.2 | 1024.5 | 1023.2 | 1021.8 | 1020.5 | 1019.1 | 1020.5 | 1021.8 | 1023.2 | 1024.5 | 1025.2 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

TEST NUMBER: P1027194

CATALOG NUMBER: S125RDIP-B375D850UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1 | 543.1  | 543.1 |
| 2.5°   | 513.6 | 515.9 | 514.1 | 512.8 | 516.3 | 518.1 | 518.1 | 521.2 | 524.3 | 527.0  | 527.5 |
| 5°     | 482.0 | 485.6 | 486.5 | 486.0 | 491.4 | 494.0 | 499.8 | 502.9 | 507.4 | 510.5  | 514.1 |
| 7.5°   | 453.0 | 457.9 | 458.4 | 459.3 | 467.3 | 471.7 | 476.6 | 484.7 | 490.9 | 495.4  | 499.4 |
| 10°    | 424.0 | 427.1 | 430.3 | 434.3 | 442.3 | 449.9 | 457.0 | 465.5 | 473.5 | 478.0  | 483.8 |
| 12.5°  | 402.2 | 404.4 | 408.0 | 410.7 | 419.1 | 425.8 | 435.2 | 446.8 | 458.4 | 461.9  | 469.1 |
| 15°    | 379.4 | 380.8 | 387.9 | 390.6 | 397.7 | 408.9 | 414.7 | 425.8 | 438.3 | 445.0  | 453.0 |
| 17.5°  | 353.1 | 361.2 | 365.6 | 368.7 | 377.7 | 386.6 | 395.9 | 407.5 | 423.6 | 429.8  | 435.6 |
| 20°    | 334.4 | 340.2 | 345.1 | 349.1 | 357.1 | 370.5 | 379.0 | 388.4 | 403.5 | 410.7  | 419.1 |
| 22.5°  | 317.9 | 322.8 | 327.3 | 331.7 | 337.1 | 349.1 | 358.9 | 371.9 | 387.0 | 393.7  | 403.5 |
| 25°    | 302.3 | 307.2 | 309.9 | 315.2 | 322.4 | 330.8 | 342.4 | 354.0 | 369.2 | 376.8  | 386.1 |
| 27.5°  | 287.1 | 292.0 | 297.0 | 301.4 | 306.3 | 314.3 | 322.4 | 337.1 | 352.7 | 361.6  | 369.6 |
| 30°    | 274.2 | 276.4 | 280.9 | 285.8 | 290.7 | 298.3 | 307.7 | 317.9 | 335.7 | 343.8  | 353.6 |
| 32.5°  | 259.9 | 264.0 | 267.1 | 270.6 | 276.9 | 283.1 | 291.6 | 304.5 | 318.8 | 326.4  | 337.1 |
| 35°    | 246.6 | 250.1 | 252.4 | 258.6 | 262.6 | 269.3 | 277.8 | 289.4 | 301.4 | 309.9  | 319.2 |
| 37.5°  | 233.6 | 237.2 | 239.9 | 243.4 | 248.8 | 254.6 | 263.5 | 272.0 | 286.3 | 293.4  | 304.1 |
| 40°    | 220.3 | 223.4 | 226.5 | 230.5 | 235.4 | 242.6 | 247.9 | 258.6 | 270.2 | 278.2  | 286.3 |
| 42.5°  | 207.3 | 209.1 | 212.7 | 217.1 | 222.0 | 228.3 | 235.9 | 244.3 | 255.9 | 263.1  | 270.2 |
| 45°    | 193.5 | 196.6 | 200.6 | 203.8 | 208.2 | 214.5 | 221.2 | 228.7 | 240.3 | 247.5  | 255.0 |
| 47.5°  | 180.6 | 182.8 | 185.5 | 190.4 | 196.2 | 200.6 | 207.8 | 214.9 | 225.6 | 232.3  | 239.4 |
| 50°    | 167.2 | 169.4 | 173.4 | 176.6 | 181.0 | 186.8 | 193.5 | 201.1 | 211.3 | 215.8  | 222.9 |
| 52.5°  | 154.7 | 155.6 | 159.6 | 162.7 | 167.2 | 173.9 | 179.2 | 185.9 | 195.7 | 200.6  | 207.8 |
| 55°    | 142.2 | 143.1 | 145.4 | 148.5 | 153.4 | 158.7 | 164.5 | 172.1 | 180.6 | 185.0  | 191.7 |
| 57.5°  | 129.3 | 130.2 | 132.4 | 134.7 | 139.6 | 144.5 | 151.2 | 157.4 | 165.9 | 169.9  | 176.1 |
| 60°    | 116.4 | 116.4 | 118.6 | 121.7 | 125.3 | 129.7 | 135.5 | 143.1 | 149.4 | 154.3  | 158.7 |
| 62.5°  | 102.6 | 103.9 | 105.2 | 107.5 | 111.5 | 116.8 | 121.7 | 127.1 | 134.7 | 138.2  | 142.2 |
| 65°    | 88.7  | 90.1  | 92.7  | 95.0  | 98.1  | 101.7 | 107.9 | 112.4 | 118.2 | 122.2  | 125.7 |
| 67.5°  | 76.7  | 78.0  | 79.8  | 82.5  | 84.7  | 88.7  | 93.2  | 97.6  | 103.9 | 106.6  | 109.2 |
| 70°    | 64.2  | 65.5  | 66.9  | 70.4  | 72.7  | 75.8  | 78.9  | 83.4  | 88.7  | 90.5   | 92.7  |
| 72.5°  | 54.4  | 54.8  | 56.6  | 57.5  | 60.6  | 63.3  | 66.9  | 69.6  | 73.6  | 75.8   | 77.6  |
| 75°    | 45.9  | 45.9  | 46.4  | 47.3  | 49.0  | 50.8  | 53.5  | 56.2  | 59.7  | 61.1   | 63.3  |
| 77.5°  | 36.1  | 37.5  | 37.0  | 37.9  | 38.8  | 39.7  | 41.9  | 43.7  | 47.3  | 48.2   | 49.0  |
| 80°    | 25.9  | 26.3  | 27.6  | 29.0  | 29.0  | 30.3  | 31.7  | 32.1  | 34.3  | 35.7   | 35.7  |
| 82.5°  | 18.7  | 19.2  | 18.7  | 19.2  | 19.6  | 20.1  | 21.4  | 23.2  | 23.2  | 23.6   | 24.5  |
| 85°    | 11.6  | 11.6  | 12.0  | 12.5  | 12.5  | 12.0  | 12.9  | 12.5  | 12.9  | 13.8   | 13.8  |
| 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°    | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 10.9  | 9.7   | 8.6   | 7.4   | 6.8    | 6.1   |
| 92.5°  | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 11.1  | 10.1  | 9.1   | 8.1   | 7.6    | 8.4   |
| 95°    | 15.5  | 14.6  | 13.8  | 12.9  | 12.1  | 18.5  | 24.9  | 31.3  | 37.7  | 40.9   | 41.2  |
| 97.5°  | 14.9  | 14.6  | 14.3  | 13.9  | 13.6  | 29.6  | 45.6  | 61.6  | 77.6  | 85.6   | 85.1  |
| 100°   | 31.4  | 56.5  | 81.6  | 106.6 | 131.7 | 131.0 | 130.4 | 129.7 | 129.0 | 128.7  | 128.4 |
| 102.5° | 178.5 | 178.2 | 177.9 | 177.5 | 177.2 | 176.9 | 176.5 | 176.2 | 175.9 | 175.7  | 175.4 |
| 105°   | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6 | 225.6  | 225.3 |
| 107.5° | 276.3 | 276.1 | 276.0 | 275.8 | 275.6 | 275.3 | 274.9 | 274.6 | 274.3 | 274.1  | 274.1 |
| 110°   | 323.6 | 324.1 | 324.6 | 325.1 | 325.6 | 325.3 | 324.9 | 324.6 | 324.3 | 324.1  | 324.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 371.3  | 372.0  | 372.7  | 373.3  | 374.0  | 373.8  | 373.7  | 373.5  | 373.4  | 373.3  | 373.0  |
| 115°   | 419.8  | 420.5  | 421.2  | 421.8  | 422.5  | 422.3  | 422.1  | 422.0  | 421.8  | 421.7  | 421.3  |
| 117.5° | 466.1  | 467.1  | 468.2  | 469.2  | 470.2  | 469.5  | 468.9  | 468.2  | 467.5  | 467.2  | 467.2  |
| 120°   | 512.8  | 513.1  | 513.4  | 513.8  | 514.1  | 513.6  | 513.1  | 512.6  | 512.1  | 511.8  | 511.9  |
| 122.5° | 555.9  | 556.2  | 556.6  | 556.9  | 557.3  | 557.1  | 556.9  | 556.8  | 556.6  | 556.5  | 556.1  |
| 125°   | 596.9  | 597.6  | 598.3  | 599.0  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  | 599.7  | 599.1  |
| 127.5° | 636.2  | 636.5  | 636.8  | 637.2  | 637.5  | 637.7  | 637.9  | 638.0  | 638.2  | 638.3  | 637.9  |
| 130°   | 673.4  | 673.9  | 674.4  | 674.9  | 675.4  | 675.2  | 675.0  | 674.9  | 674.7  | 674.6  | 674.2  |
| 132.5° | 709.4  | 709.4  | 709.4  | 709.4  | 709.4  | 709.9  | 710.4  | 710.9  | 711.4  | 711.7  | 711.2  |
| 135°   | 743.0  | 743.3  | 743.6  | 744.0  | 744.3  | 744.6  | 745.0  | 745.3  | 745.6  | 745.8  | 745.3  |
| 137.5° | 776.1  | 776.1  | 776.1  | 776.1  | 776.1  | 776.4  | 776.8  | 777.1  | 777.4  | 777.6  | 777.1  |
| 140°   | 806.2  | 805.9  | 805.5  | 805.2  | 804.8  | 805.0  | 805.2  | 805.3  | 805.5  | 805.6  | 805.4  |
| 142.5° | 834.4  | 834.4  | 834.4  | 834.4  | 834.4  | 834.1  | 833.7  | 833.4  | 833.1  | 832.9  | 832.8  |
| 145°   | 861.5  | 861.4  | 861.2  | 861.1  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  | 860.9  | 860.7  |
| 147.5° | 885.0  | 884.8  | 884.7  | 884.5  | 884.3  | 884.1  | 884.0  | 883.8  | 883.7  | 883.6  | 883.6  |
| 150°   | 907.6  | 907.3  | 907.0  | 906.6  | 906.3  | 906.0  | 905.6  | 905.3  | 905.0  | 904.8  | 905.0  |
| 152.5° | 927.3  | 927.0  | 926.7  | 926.3  | 926.0  | 925.7  | 925.3  | 925.0  | 924.7  | 924.5  | 924.9  |
| 155°   | 945.4  | 944.9  | 944.4  | 943.9  | 943.4  | 943.1  | 942.7  | 942.4  | 942.1  | 941.9  | 942.4  |
| 157.5° | 960.5  | 960.0  | 959.5  | 959.0  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.8  |
| 160°   | 974.9  | 974.2  | 973.5  | 972.9  | 972.2  | 972.0  | 971.8  | 971.7  | 971.5  | 971.4  | 971.9  |
| 162.5° | 988.3  | 987.3  | 986.3  | 985.3  | 984.3  | 984.1  | 983.9  | 983.8  | 983.6  | 983.5  | 984.0  |
| 165°   | 998.9  | 997.9  | 996.9  | 995.9  | 994.9  | 994.7  | 994.5  | 994.4  | 994.2  | 994.1  | 994.6  |
| 167.5° | 1007.9 | 1006.7 | 1005.6 | 1004.4 | 1003.2 | 1003.0 | 1002.9 | 1002.7 | 1002.6 | 1002.5 | 1003.0 |
| 170°   | 1014.6 | 1013.3 | 1012.0 | 1010.6 | 1009.3 | 1009.1 | 1008.9 | 1008.8 | 1008.6 | 1008.5 | 1009.1 |
| 172.5° | 1019.3 | 1018.1 | 1017.0 | 1015.8 | 1014.6 | 1014.3 | 1013.9 | 1013.6 | 1013.3 | 1013.1 | 1013.7 |
| 175°   | 1023.0 | 1021.7 | 1020.3 | 1019.0 | 1017.6 | 1017.4 | 1017.2 | 1017.1 | 1016.9 | 1016.8 | 1017.3 |
| 177.5° | 1024.6 | 1023.4 | 1022.3 | 1021.1 | 1019.9 | 1019.7 | 1019.5 | 1019.4 | 1019.2 | 1019.1 | 1019.6 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 543.1 | 543.1 | 543.1 | 543.1 |
| 2.5°   | 530.6 | 534.6 | 538.6 | 543.5 |
| 5°     | 519.9 | 527.0 | 534.6 | 541.7 |
| 7.5°   | 508.3 | 518.6 | 528.4 | 538.6 |
| 10°    | 495.4 | 508.3 | 519.4 | 533.7 |
| 12.5°  | 481.1 | 494.9 | 510.5 | 526.6 |
| 15°    | 466.8 | 484.2 | 500.7 | 519.0 |
| 17.5°  | 453.5 | 470.0 | 488.2 | 510.1 |
| 20°    | 437.4 | 455.7 | 476.2 | 499.4 |
| 22.5°  | 420.5 | 440.5 | 462.8 | 487.8 |
| 25°    | 406.2 | 426.7 | 448.1 | 474.4 |
| 27.5°  | 390.6 | 412.0 | 432.9 | 461.0 |
| 30°    | 372.8 | 395.9 | 417.3 | 446.3 |
| 32.5°  | 355.8 | 379.0 | 402.6 | 429.8 |
| 35°    | 339.3 | 362.1 | 385.7 | 413.3 |
| 37.5°  | 323.7 | 344.2 | 367.4 | 392.4 |
| 40°    | 309.0 | 327.7 | 348.2 | 371.0 |
| 42.5°  | 290.3 | 312.1 | 331.3 | 347.8 |
| 45°    | 274.2 | 292.0 | 309.9 | 323.3 |
| 47.5°  | 255.5 | 273.3 | 288.5 | 299.2 |
| 50°    | 239.9 | 254.1 | 266.6 | 276.0 |
| 52.5°  | 221.2 | 234.5 | 244.8 | 251.9 |
| 55°    | 202.9 | 214.5 | 223.4 | 228.3 |
| 57.5°  | 186.4 | 194.0 | 200.6 | 205.1 |
| 60°    | 168.1 | 173.9 | 179.7 | 184.6 |
| 62.5°  | 148.5 | 154.7 | 157.8 | 163.2 |
| 65°    | 131.1 | 135.1 | 140.0 | 141.8 |
| 67.5°  | 114.1 | 116.4 | 119.5 | 123.1 |
| 70°    | 96.3  | 97.6  | 100.8 | 105.7 |
| 72.5°  | 80.7  | 82.0  | 84.3  | 86.1  |
| 75°    | 64.2  | 65.5  | 67.3  | 69.1  |
| 77.5°  | 50.4  | 50.8  | 51.7  | 53.5  |
| 80°    | 36.6  | 37.9  | 38.8  | 39.2  |
| 82.5°  | 25.4  | 25.9  | 25.9  | 26.3  |
| 85°    | 16.1  | 15.2  | 15.2  | 15.6  |
| 87.5°  | 5.8   | 6.7   | 6.7   | 7.6   |
| 90°    | 4.8   | 3.5   | 2.1   | 0.8   |
| 92.5°  | 9.9   | 11.4  | 12.9  | 14.4  |
| 95°    | 41.7  | 42.2  | 42.7  | 43.2  |
| 97.5°  | 84.1  | 83.0  | 82.0  | 81.0  |
| 100°   | 127.9 | 127.4 | 126.9 | 126.4 |
| 102.5° | 174.7 | 174.0 | 173.3 | 172.6 |
| 105°   | 224.6 | 223.9 | 223.3 | 222.6 |
| 107.5° | 274.1 | 274.1 | 274.1 | 274.1 |
| 110°   | 324.1 | 324.1 | 324.1 | 324.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 372.5  | 372.0  | 371.5  | 371.0  |
| 115°   | 420.4  | 419.6  | 418.7  | 417.9  |
| 117.5° | 467.2  | 467.2  | 467.2  | 467.2  |
| 120°   | 512.1  | 512.2  | 512.4  | 512.6  |
| 122.5° | 555.2  | 554.4  | 553.5  | 552.7  |
| 125°   | 597.9  | 596.8  | 595.6  | 594.4  |
| 127.5° | 637.0  | 636.2  | 635.3  | 634.5  |
| 130°   | 673.3  | 672.5  | 671.6  | 670.8  |
| 132.5° | 710.2  | 709.2  | 708.2  | 707.2  |
| 135°   | 744.3  | 743.2  | 742.2  | 741.2  |
| 137.5° | 776.1  | 775.0  | 774.0  | 773.0  |
| 140°   | 805.1  | 804.8  | 804.4  | 804.1  |
| 142.5° | 832.6  | 832.5  | 832.3  | 832.1  |
| 145°   | 860.4  | 860.1  | 859.7  | 859.4  |
| 147.5° | 883.6  | 883.6  | 883.6  | 883.6  |
| 150°   | 905.3  | 905.6  | 906.0  | 906.3  |
| 152.5° | 925.8  | 926.6  | 927.5  | 928.3  |
| 155°   | 943.4  | 944.4  | 945.4  | 946.4  |
| 157.5° | 959.3  | 959.8  | 960.3  | 960.8  |
| 160°   | 972.9  | 974.0  | 975.0  | 976.0  |
| 162.5° | 985.0  | 986.1  | 987.1  | 988.1  |
| 165°   | 995.6  | 996.7  | 997.7  | 998.7  |
| 167.5° | 1004.0 | 1005.0 | 1006.0 | 1007.0 |
| 170°   | 1010.3 | 1011.4 | 1012.6 | 1013.8 |
| 172.5° | 1014.9 | 1016.0 | 1017.2 | 1018.4 |
| 175°   | 1018.3 | 1019.4 | 1020.4 | 1021.4 |
| 177.5° | 1020.6 | 1021.7 | 1022.7 | 1023.7 |
| 180°   | 1021.4 | 1021.4 | 1021.4 | 1021.4 |

(END OF REPORT)