

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: P1027174

Luminaire Tested: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1027174  
REPORT IS A COMBINATION OF REPORTS P1005405 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-B375D375UB2750-4F0-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**

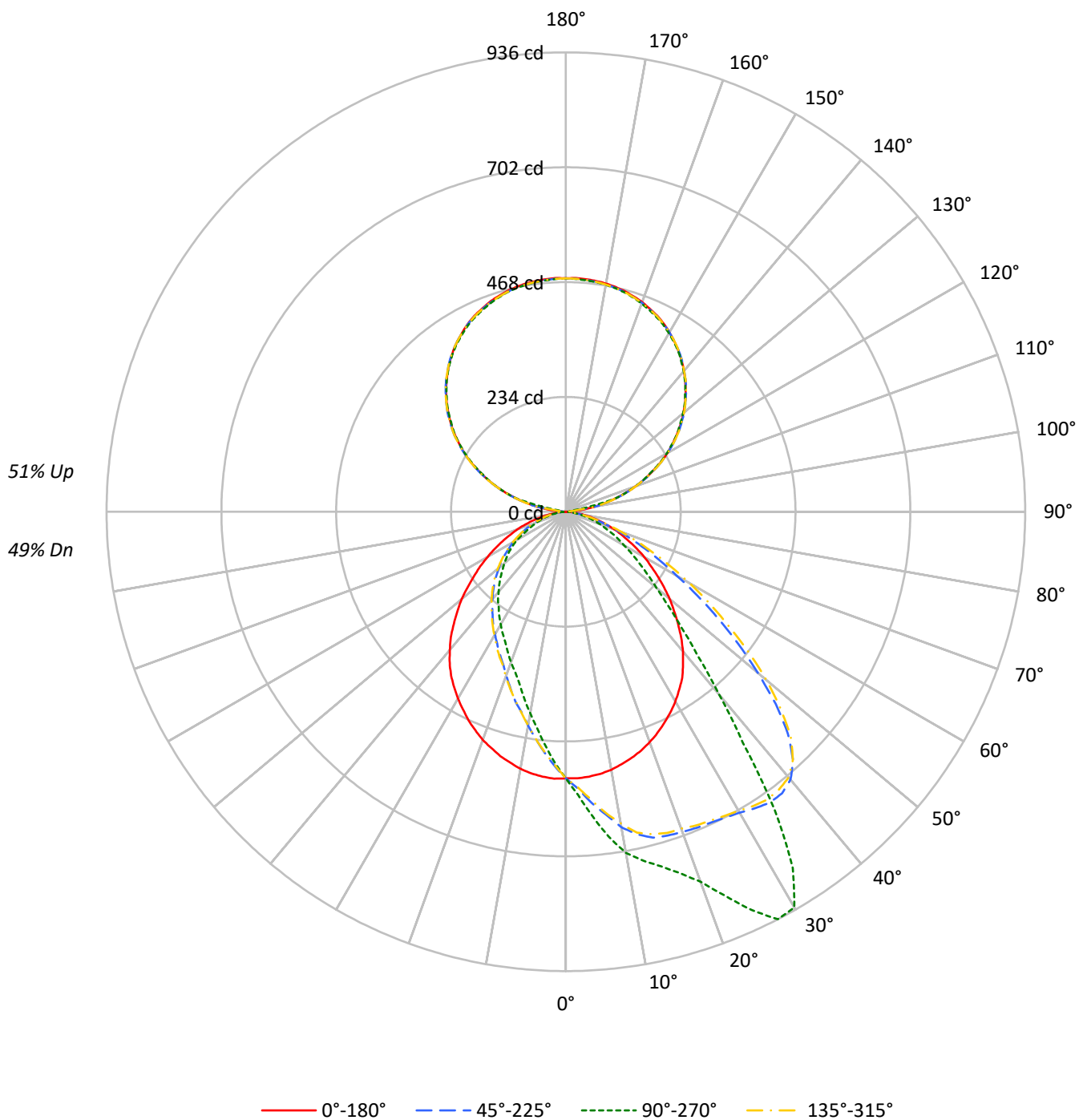
Lumens per Lamp: N/A  
Luminaire Lumens: 2869.0 lumens  
Efficiency: N/A  
Efficacy: 128.7 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 22.3  
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: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1027174

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 68 | 68 | 68 | 55 | 55 | 55 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 61 | 59 | 58 | 50 | 48 | 48 |
| 2   | 90  | 82  | 77  | 72  | 82 | 76 | 71 | 67 | 65 | 61 | 58 | 54 | 51 | 49 | 44 | 42 | 41 |
| 3   | 82  | 73  | 66  | 60  | 75 | 67 | 61 | 56 | 57 | 53 | 49 | 48 | 45 | 42 | 39 | 37 | 35 |
| 4   | 75  | 65  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 43 | 39 | 36 | 35 | 33 | 30 |
| 5   | 69  | 58  | 50  | 44  | 63 | 54 | 47 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 32 | 29 | 27 |
| 6   | 64  | 52  | 44  | 38  | 59 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 |
| 7   | 59  | 47  | 39  | 33  | 54 | 44 | 37 | 32 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 23 | 21 |
| 8   | 55  | 42  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 23 | 19 | 17 |
| 10  | 47  | 36  | 28  | 24  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 |

**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   | 1.8       |
| 10°-20°   | 152.7  | 5.3       |
| 20°-30°   | 242.1  | 8.4       |
| 30°-40°   | 292.5  | 10.2      |
| 40°-50°   | 260.4  | 9.1       |
| 50°-60°   | 199.7  | 7.0       |
| 60°-70°   | 129.7  | 4.5       |
| 70°-80°   | 62.9   | 2.2       |
| 80°-90°   | 15.5   | 0.5       |
| 90°-100°  | 16.1   | 0.6       |
| 100°-110° | 107.4  | 3.7       |
| 110°-120° | 193.3  | 6.7       |
| 120°-130° | 248.2  | 8.6       |
| 130°-140° | 266.9  | 9.3       |
| 140°-150° | 250.5  | 8.7       |
| 150°-160° | 202.6  | 7.1       |
| 160°-170° | 131.0  | 4.6       |
| 170°-180° | 45.2   | 1.6       |
| 0°-30°    | 446.8  | 15.6      |
| 0°-40°    | 739.4  | 25.8      |
| 0°-60°    | 1199.5 | 41.8      |
| 0°-90°    | 1407.7 | 49.1      |
| 90°-120°  | 316.8  | 11.0      |
| 90°-150°  | 1082.4 | 37.7      |
| 90°-180°  | 1461.0 | 50.9      |
| 0°-180°   | 2869.0 | 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°  | 0   | 8   | 0    | 8    | 0    | 2    |
| 95°  | 20  | 7   | 20   | 7    | 20   | 25   |
| 105° | 104 | 105 | 104  | 105  | 104  | 110  |
| 115° | 195 | 193 | 195  | 193  | 195  | 193  |
| 125° | 277 | 277 | 277  | 277  | 277  | 247  |
| 135° | 345 | 344 | 345  | 344  | 345  | 266  |
| 145° | 400 | 399 | 400  | 399  | 400  | 250  |
| 155° | 441 | 438 | 441  | 438  | 441  | 203  |
| 165° | 465 | 463 | 465  | 463  | 465  | 131  |
| 175° | 476 | 474 | 476  | 474  | 476  | 45   |
| 180° | 476 | 476 | 476  | 476  | 476  |      |

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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°    | 0.4   | 1.0   | 1.6   | 2.3   | 2.9   | 3.2   | 3.5   | 4.0   | 4.5   | 5.1   | 5.6   |
| 92.5°  | 6.7   | 6.0   | 5.3   | 4.6   | 3.9   | 3.5   | 3.7   | 4.2   | 4.7   | 5.1   | 5.6   |
| 95°    | 20.1  | 19.9  | 19.6  | 19.4  | 19.1  | 19.0  | 17.5  | 14.5  | 11.6  | 8.6   | 5.6   |
| 97.5°  | 37.7  | 38.2  | 38.6  | 39.1  | 39.6  | 39.8  | 36.1  | 28.6  | 21.2  | 13.7  | 6.3   |
| 100°   | 58.9  | 59.1  | 59.3  | 59.6  | 59.8  | 59.9  | 60.1  | 60.4  | 60.7  | 61.1  | 61.4  |
| 102.5° | 80.4  | 80.7  | 81.0  | 81.3  | 81.6  | 81.8  | 81.9  | 82.0  | 82.2  | 82.3  | 82.5  |
| 105°   | 103.7 | 104.0 | 104.3 | 104.6 | 104.9 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 |
| 107.5° | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.8 | 127.9 | 128.1 | 128.2 | 128.4 |
| 110°   | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 151.0 | 151.1 | 151.3 | 151.4 | 151.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.8 | 173.0 | 173.3 | 173.5 | 173.8 | 173.9 | 173.9 | 174.0 | 174.1 | 174.1 | 174.2 |
| 115°   | 194.7 | 195.1 | 195.5 | 195.8 | 196.2 | 196.4 | 196.4 | 196.5 | 196.6 | 196.7 | 196.8 |
| 117.5° | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 | 217.8 | 218.1 | 218.4 | 218.7 | 219.0 |
| 120°   | 238.7 | 238.6 | 238.6 | 238.5 | 238.4 | 238.4 | 238.5 | 238.7 | 239.0 | 239.2 | 239.4 |
| 122.5° | 257.4 | 257.8 | 258.2 | 258.6 | 259.0 | 259.2 | 259.2 | 259.3 | 259.4 | 259.4 | 259.5 |
| 125°   | 276.8 | 277.4 | 277.9 | 278.5 | 279.0 | 279.3 | 279.3 | 279.3 | 279.3 | 279.3 | 279.3 |
| 127.5° | 295.5 | 295.9 | 296.3 | 296.7 | 297.1 | 297.3 | 297.3 | 297.2 | 297.1 | 297.0 | 296.9 |
| 130°   | 312.4 | 312.8 | 313.2 | 313.6 | 314.0 | 314.2 | 314.2 | 314.3 | 314.4 | 314.5 | 314.6 |
| 132.5° | 329.4 | 329.9 | 330.3 | 330.8 | 331.3 | 331.5 | 331.4 | 331.1 | 330.9 | 330.6 | 330.4 |
| 135°   | 345.2 | 345.7 | 346.2 | 346.7 | 347.2 | 347.4 | 347.3 | 347.1 | 347.0 | 346.8 | 346.6 |
| 137.5° | 360.0 | 360.5 | 361.0 | 361.5 | 362.0 | 362.2 | 362.1 | 362.0 | 361.8 | 361.7 | 361.5 |
| 140°   | 374.5 | 374.7 | 374.8 | 375.0 | 375.1 | 375.2 | 375.2 | 375.1 | 375.0 | 375.0 | 374.9 |
| 142.5° | 387.6 | 387.7 | 387.7 | 387.8 | 387.9 | 387.9 | 388.0 | 388.1 | 388.3 | 388.4 | 388.6 |
| 145°   | 400.2 | 400.4 | 400.6 | 400.7 | 400.9 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 |
| 147.5° | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.6 | 411.7 | 411.8 | 411.9 |
| 150°   | 422.1 | 421.9 | 421.8 | 421.6 | 421.5 | 421.4 | 421.5 | 421.6 | 421.8 | 421.9 | 422.1 |
| 152.5° | 432.3 | 431.9 | 431.5 | 431.2 | 430.8 | 430.6 | 430.7 | 430.8 | 431.0 | 431.1 | 431.3 |
| 155°   | 440.8 | 440.3 | 439.9 | 439.4 | 438.9 | 438.7 | 438.8 | 438.9 | 439.1 | 439.2 | 439.4 |
| 157.5° | 447.5 | 447.3 | 447.0 | 446.8 | 446.5 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 |
| 160°   | 454.6 | 454.1 | 453.6 | 453.1 | 452.6 | 452.4 | 452.4 | 452.5 | 452.6 | 452.7 | 452.8 |
| 162.5° | 460.2 | 459.7 | 459.3 | 458.8 | 458.3 | 458.1 | 458.1 | 458.2 | 458.3 | 458.3 | 458.4 |
| 165°   | 465.1 | 464.6 | 464.2 | 463.7 | 463.2 | 463.0 | 463.0 | 463.1 | 463.2 | 463.3 | 463.4 |
| 167.5° | 469.0 | 468.5 | 468.1 | 467.6 | 467.1 | 466.9 | 466.9 | 467.0 | 467.1 | 467.2 | 467.3 |
| 170°   | 472.2 | 471.6 | 471.1 | 470.5 | 470.0 | 469.7 | 469.7 | 469.8 | 469.9 | 470.0 | 470.1 |
| 172.5° | 474.3 | 473.7 | 473.2 | 472.6 | 472.1 | 471.8 | 471.9 | 472.0 | 472.2 | 472.3 | 472.5 |
| 175°   | 475.7 | 475.2 | 474.8 | 474.3 | 473.8 | 473.6 | 473.6 | 473.7 | 473.8 | 473.9 | 474.0 |
| 177.5° | 476.8 | 476.3 | 475.9 | 475.4 | 474.9 | 474.7 | 474.7 | 474.8 | 474.9 | 474.9 | 475.0 |
| 180°   | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 |

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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°    | 6.0   | 6.4   | 6.8   | 7.2   | 7.4   | 7.5   | 7.8   | 8.0   | 8.3   | 8.5   | 8.3   |
| 92.5°  | 6.0   | 6.4   | 6.8   | 7.2   | 7.4   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.7   |
| 95°    | 6.0   | 6.4   | 6.8   | 7.2   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   |
| 97.5°  | 6.5   | 6.7   | 6.8   | 7.0   | 7.1   | 7.1   | 7.2   | 7.3   | 7.3   | 7.4   | 7.3   |
| 100°   | 49.7  | 38.0  | 26.3  | 14.6  | 8.8   | 8.6   | 8.3   | 8.0   | 7.7   | 7.4   | 7.7   |
| 102.5° | 82.7  | 82.8  | 83.0  | 83.1  | 83.2  | 79.9  | 73.3  | 66.8  | 60.2  | 53.6  | 60.2  |
| 105°   | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.0 | 104.9 | 104.8 | 104.7 | 104.8 |
| 107.5° | 128.5 | 128.5 | 128.6 | 128.7 | 128.7 | 128.5 | 128.2 | 127.9 | 127.6 | 127.3 | 127.6 |
| 110°   | 151.4 | 151.2 | 150.9 | 150.7 | 150.6 | 150.6 | 150.7 | 150.8 | 150.8 | 150.9 | 150.8 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.9 | 173.6 | 173.3 | 173.0 | 172.8 | 172.7 | 172.6 | 172.4 | 172.3 | 172.1 | 172.3 |
| 115°   | 196.5 | 196.2 | 195.9 | 195.6 | 195.4 | 195.2 | 194.7 | 194.2 | 193.7 | 193.2 | 193.7 |
| 117.5° | 218.5 | 218.1 | 217.6 | 217.1 | 216.9 | 216.8 | 216.7 | 216.5 | 216.4 | 216.2 | 216.4 |
| 120°   | 239.2 | 239.1 | 238.9 | 238.8 | 238.7 | 238.5 | 238.1 | 237.8 | 237.4 | 237.0 | 237.4 |
| 122.5° | 259.3 | 259.2 | 259.0 | 258.9 | 258.8 | 258.6 | 258.1 | 257.6 | 257.2 | 256.7 | 257.2 |
| 125°   | 279.0 | 278.7 | 278.4 | 278.1 | 277.9 | 277.8 | 277.5 | 277.3 | 277.0 | 276.8 | 277.0 |
| 127.5° | 296.7 | 296.6 | 296.4 | 296.3 | 296.2 | 295.9 | 295.3 | 294.6 | 294.0 | 293.4 | 294.0 |
| 130°   | 314.4 | 314.1 | 313.9 | 313.6 | 313.5 | 313.3 | 312.9 | 312.5 | 312.1 | 311.7 | 312.1 |
| 132.5° | 330.4 | 330.4 | 330.4 | 330.4 | 330.4 | 330.2 | 329.8 | 329.5 | 329.1 | 328.7 | 329.1 |
| 135°   | 346.4 | 346.3 | 346.1 | 346.0 | 345.9 | 345.7 | 345.2 | 344.7 | 344.3 | 343.8 | 344.3 |
| 137.5° | 361.5 | 361.5 | 361.5 | 361.5 | 361.5 | 361.3 | 360.9 | 360.5 | 360.1 | 359.7 | 360.1 |
| 140°   | 375.1 | 375.2 | 375.4 | 375.5 | 375.6 | 375.4 | 374.9 | 374.4 | 373.9 | 373.4 | 373.9 |
| 142.5° | 388.6 | 388.6 | 388.6 | 388.6 | 388.6 | 388.4 | 387.9 | 387.4 | 387.0 | 386.5 | 387.0 |
| 145°   | 401.1 | 401.1 | 401.2 | 401.3 | 401.3 | 401.1 | 400.6 | 400.1 | 399.7 | 399.2 | 399.7 |
| 147.5° | 412.0 | 412.0 | 412.1 | 412.2 | 412.2 | 411.9 | 411.4 | 410.9 | 410.3 | 409.8 | 410.3 |
| 150°   | 422.3 | 422.4 | 422.6 | 422.7 | 422.8 | 422.5 | 421.9 | 421.2 | 420.6 | 420.0 | 420.6 |
| 152.5° | 431.5 | 431.6 | 431.8 | 431.9 | 432.0 | 431.7 | 431.2 | 430.6 | 430.1 | 429.5 | 430.1 |
| 155°   | 439.6 | 439.9 | 440.1 | 440.4 | 440.5 | 440.2 | 439.5 | 438.9 | 438.2 | 437.6 | 438.2 |
| 157.5° | 446.6 | 446.9 | 447.1 | 447.4 | 447.5 | 447.2 | 446.6 | 445.9 | 445.3 | 444.7 | 445.3 |
| 160°   | 453.1 | 453.4 | 453.7 | 454.0 | 454.2 | 453.9 | 453.3 | 452.6 | 452.0 | 451.4 | 452.0 |
| 162.5° | 458.9 | 459.4 | 459.9 | 460.4 | 460.6 | 460.2 | 459.5 | 458.8 | 458.1 | 457.4 | 458.1 |
| 165°   | 463.9 | 464.3 | 464.8 | 465.3 | 465.5 | 465.2 | 464.6 | 463.9 | 463.3 | 462.7 | 463.3 |
| 167.5° | 467.8 | 468.4 | 468.9 | 469.4 | 469.7 | 469.3 | 468.6 | 467.9 | 467.2 | 466.5 | 467.2 |
| 170°   | 470.7 | 471.3 | 472.0 | 472.6 | 472.9 | 472.5 | 471.8 | 471.1 | 470.4 | 469.7 | 470.4 |
| 172.5° | 473.1 | 473.6 | 474.2 | 474.7 | 475.0 | 474.6 | 473.9 | 473.2 | 472.5 | 471.8 | 472.5 |
| 175°   | 474.6 | 475.2 | 475.9 | 476.5 | 476.8 | 476.4 | 475.7 | 475.0 | 474.3 | 473.6 | 474.3 |
| 177.5° | 475.6 | 476.1 | 476.7 | 477.2 | 477.5 | 477.2 | 476.6 | 475.9 | 475.3 | 474.7 | 475.3 |
| 180°   | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°    | 8.0   | 7.8   | 7.5   | 7.4    | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 5.1   | 4.5   |
| 92.5°  | 7.6   | 7.5   | 7.4   | 7.4    | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 5.1   | 4.7   |
| 95°    | 7.4   | 7.4   | 7.4   | 7.4    | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 8.6   | 11.6  |
| 97.5°  | 7.3   | 7.2   | 7.1   | 7.1    | 7.0   | 6.8   | 6.7   | 6.5   | 6.3   | 13.7  | 21.2  |
| 100°   | 8.0   | 8.3   | 8.6   | 8.8    | 14.6  | 26.3  | 38.0  | 49.7  | 61.4  | 61.1  | 60.7  |
| 102.5° | 66.8  | 73.3  | 79.9  | 83.2   | 83.1  | 83.0  | 82.8  | 82.7  | 82.5  | 82.3  | 82.2  |
| 105°   | 104.9 | 105.0 | 105.1 | 105.1  | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 |
| 107.5° | 127.9 | 128.2 | 128.5 | 128.7  | 128.7 | 128.6 | 128.5 | 128.5 | 128.4 | 128.2 | 128.1 |
| 110°   | 150.8 | 150.7 | 150.6 | 150.6  | 150.7 | 150.9 | 151.2 | 151.4 | 151.6 | 151.4 | 151.3 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.4 | 172.6 | 172.7 | 172.8  | 173.0 | 173.3 | 173.6 | 173.9 | 174.2 | 174.1 | 174.1 |
| 115°   | 194.2 | 194.7 | 195.2 | 195.4  | 195.6 | 195.9 | 196.2 | 196.5 | 196.8 | 196.7 | 196.6 |
| 117.5° | 216.5 | 216.7 | 216.8 | 216.9  | 217.1 | 217.6 | 218.1 | 218.5 | 219.0 | 218.7 | 218.4 |
| 120°   | 237.8 | 238.1 | 238.5 | 238.7  | 238.8 | 238.9 | 239.1 | 239.2 | 239.4 | 239.2 | 239.0 |
| 122.5° | 257.6 | 258.1 | 258.6 | 258.8  | 258.9 | 259.0 | 259.2 | 259.3 | 259.5 | 259.4 | 259.4 |
| 125°   | 277.3 | 277.5 | 277.8 | 277.9  | 278.1 | 278.4 | 278.7 | 279.0 | 279.3 | 279.3 | 279.3 |
| 127.5° | 294.6 | 295.3 | 295.9 | 296.2  | 296.3 | 296.4 | 296.6 | 296.7 | 296.9 | 297.0 | 297.1 |
| 130°   | 312.5 | 312.9 | 313.3 | 313.5  | 313.6 | 313.9 | 314.1 | 314.4 | 314.6 | 314.5 | 314.4 |
| 132.5° | 329.5 | 329.8 | 330.2 | 330.4  | 330.4 | 330.4 | 330.4 | 330.4 | 330.4 | 330.6 | 330.9 |
| 135°   | 344.7 | 345.2 | 345.7 | 345.9  | 346.0 | 346.1 | 346.3 | 346.4 | 346.6 | 346.8 | 347.0 |
| 137.5° | 360.5 | 360.9 | 361.3 | 361.5  | 361.5 | 361.5 | 361.5 | 361.5 | 361.5 | 361.7 | 361.8 |
| 140°   | 374.4 | 374.9 | 375.4 | 375.6  | 375.5 | 375.4 | 375.2 | 375.1 | 374.9 | 375.0 | 375.0 |
| 142.5° | 387.4 | 387.9 | 388.4 | 388.6  | 388.6 | 388.6 | 388.6 | 388.6 | 388.6 | 388.4 | 388.3 |
| 145°   | 400.1 | 400.6 | 401.1 | 401.3  | 401.3 | 401.2 | 401.1 | 401.1 | 401.0 | 401.0 | 401.0 |
| 147.5° | 410.9 | 411.4 | 411.9 | 412.2  | 412.2 | 412.1 | 412.0 | 412.0 | 411.9 | 411.8 | 411.7 |
| 150°   | 421.2 | 421.9 | 422.5 | 422.8  | 422.7 | 422.6 | 422.4 | 422.3 | 422.1 | 421.9 | 421.8 |
| 152.5° | 430.6 | 431.2 | 431.7 | 432.0  | 431.9 | 431.8 | 431.6 | 431.5 | 431.3 | 431.1 | 431.0 |
| 155°   | 438.9 | 439.5 | 440.2 | 440.5  | 440.4 | 440.1 | 439.9 | 439.6 | 439.4 | 439.2 | 439.1 |
| 157.5° | 445.9 | 446.6 | 447.2 | 447.5  | 447.4 | 447.1 | 446.9 | 446.6 | 446.4 | 446.4 | 446.4 |
| 160°   | 452.6 | 453.3 | 453.9 | 454.2  | 454.0 | 453.7 | 453.4 | 453.1 | 452.8 | 452.7 | 452.6 |
| 162.5° | 458.8 | 459.5 | 460.2 | 460.6  | 460.4 | 459.9 | 459.4 | 458.9 | 458.4 | 458.3 | 458.3 |
| 165°   | 463.9 | 464.6 | 465.2 | 465.5  | 465.3 | 464.8 | 464.3 | 463.9 | 463.4 | 463.3 | 463.2 |
| 167.5° | 467.9 | 468.6 | 469.3 | 469.7  | 469.4 | 468.9 | 468.4 | 467.8 | 467.3 | 467.2 | 467.1 |
| 170°   | 471.1 | 471.8 | 472.5 | 472.9  | 472.6 | 472.0 | 471.3 | 470.7 | 470.1 | 470.0 | 469.9 |
| 172.5° | 473.2 | 473.9 | 474.6 | 475.0  | 474.7 | 474.2 | 473.6 | 473.1 | 472.5 | 472.3 | 472.2 |
| 175°   | 475.0 | 475.7 | 476.4 | 476.8  | 476.5 | 475.9 | 475.2 | 474.6 | 474.0 | 473.9 | 473.8 |
| 177.5° | 475.9 | 476.6 | 477.2 | 477.5  | 477.2 | 476.7 | 476.1 | 475.6 | 475.0 | 474.9 | 474.9 |
| 180°   | 475.7 | 475.7 | 475.7 | 475.7  | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**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°    | 4.0   | 3.5   | 3.2    | 2.9   | 2.3   | 1.6   | 1.0   | 0.4   | 1.0   | 1.6   | 2.3   |
| 92.5°  | 4.2   | 3.7   | 3.5    | 3.9   | 4.6   | 5.3   | 6.0   | 6.7   | 6.0   | 5.3   | 4.6   |
| 95°    | 14.5  | 17.5  | 19.0   | 19.1  | 19.4  | 19.6  | 19.9  | 20.1  | 19.9  | 19.6  | 19.4  |
| 97.5°  | 28.6  | 36.1  | 39.8   | 39.6  | 39.1  | 38.6  | 38.2  | 37.7  | 38.2  | 38.6  | 39.1  |
| 100°   | 60.4  | 60.1  | 59.9   | 59.8  | 59.6  | 59.3  | 59.1  | 58.9  | 59.1  | 59.3  | 59.6  |
| 102.5° | 82.0  | 81.9  | 81.8   | 81.6  | 81.3  | 81.0  | 80.7  | 80.4  | 80.7  | 81.0  | 81.3  |
| 105°   | 105.1 | 105.1 | 105.1  | 104.9 | 104.6 | 104.3 | 104.0 | 103.7 | 104.0 | 104.3 | 104.6 |
| 107.5° | 127.9 | 127.8 | 127.7  | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 | 127.7 |
| 110°   | 151.1 | 151.0 | 150.9  | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.0 | 173.9 | 173.9  | 173.8 | 173.5 | 173.3 | 173.0 | 172.8 | 173.0 | 173.3 | 173.5 |
| 115°   | 196.5 | 196.4 | 196.4  | 196.2 | 195.8 | 195.5 | 195.1 | 194.7 | 195.1 | 195.5 | 195.8 |
| 117.5° | 218.1 | 217.8 | 217.6  | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 | 217.6 |
| 120°   | 238.7 | 238.5 | 238.4  | 238.4 | 238.5 | 238.6 | 238.6 | 238.7 | 238.6 | 238.6 | 238.5 |
| 122.5° | 259.3 | 259.2 | 259.2  | 259.0 | 258.6 | 258.2 | 257.8 | 257.4 | 257.8 | 258.2 | 258.6 |
| 125°   | 279.3 | 279.3 | 279.3  | 279.0 | 278.5 | 277.9 | 277.4 | 276.8 | 277.4 | 277.9 | 278.5 |
| 127.5° | 297.2 | 297.3 | 297.3  | 297.1 | 296.7 | 296.3 | 295.9 | 295.5 | 295.9 | 296.3 | 296.7 |
| 130°   | 314.3 | 314.2 | 314.2  | 314.0 | 313.6 | 313.2 | 312.8 | 312.4 | 312.8 | 313.2 | 313.6 |
| 132.5° | 331.1 | 331.4 | 331.5  | 331.3 | 330.8 | 330.3 | 329.9 | 329.4 | 329.9 | 330.3 | 330.8 |
| 135°   | 347.1 | 347.3 | 347.4  | 347.2 | 346.7 | 346.2 | 345.7 | 345.2 | 345.7 | 346.2 | 346.7 |
| 137.5° | 362.0 | 362.1 | 362.2  | 362.0 | 361.5 | 361.0 | 360.5 | 360.0 | 360.5 | 361.0 | 361.5 |
| 140°   | 375.1 | 375.2 | 375.2  | 375.1 | 375.0 | 374.8 | 374.7 | 374.5 | 374.7 | 374.8 | 375.0 |
| 142.5° | 388.1 | 388.0 | 387.9  | 387.9 | 387.8 | 387.7 | 387.7 | 387.6 | 387.7 | 387.7 | 387.8 |
| 145°   | 401.0 | 401.0 | 401.0  | 400.9 | 400.7 | 400.6 | 400.4 | 400.2 | 400.4 | 400.6 | 400.7 |
| 147.5° | 411.6 | 411.5 | 411.5  | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 | 411.5 |
| 150°   | 421.6 | 421.5 | 421.4  | 421.5 | 421.6 | 421.8 | 421.9 | 422.1 | 421.9 | 421.8 | 421.6 |
| 152.5° | 430.8 | 430.7 | 430.6  | 430.8 | 431.2 | 431.5 | 431.9 | 432.3 | 431.9 | 431.5 | 431.2 |
| 155°   | 438.9 | 438.8 | 438.7  | 438.9 | 439.4 | 439.9 | 440.3 | 440.8 | 440.3 | 439.9 | 439.4 |
| 157.5° | 446.4 | 446.4 | 446.4  | 446.5 | 446.8 | 447.0 | 447.3 | 447.5 | 447.3 | 447.0 | 446.8 |
| 160°   | 452.5 | 452.4 | 452.4  | 452.6 | 453.1 | 453.6 | 454.1 | 454.6 | 454.1 | 453.6 | 453.1 |
| 162.5° | 458.2 | 458.1 | 458.1  | 458.3 | 458.8 | 459.3 | 459.7 | 460.2 | 459.7 | 459.3 | 458.8 |
| 165°   | 463.1 | 463.0 | 463.0  | 463.2 | 463.7 | 464.2 | 464.6 | 465.1 | 464.6 | 464.2 | 463.7 |
| 167.5° | 467.0 | 466.9 | 466.9  | 467.1 | 467.6 | 468.1 | 468.5 | 469.0 | 468.5 | 468.1 | 467.6 |
| 170°   | 469.8 | 469.7 | 469.7  | 470.0 | 470.5 | 471.1 | 471.6 | 472.2 | 471.6 | 471.1 | 470.5 |
| 172.5° | 472.0 | 471.9 | 471.8  | 472.1 | 472.6 | 473.2 | 473.7 | 474.3 | 473.7 | 473.2 | 472.6 |
| 175°   | 473.7 | 473.6 | 473.6  | 473.8 | 474.3 | 474.8 | 475.2 | 475.7 | 475.2 | 474.8 | 474.3 |
| 177.5° | 474.8 | 474.7 | 474.7  | 474.9 | 475.4 | 475.9 | 476.3 | 476.8 | 476.3 | 475.9 | 475.4 |
| 180°   | 475.7 | 475.7 | 475.7  | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°    | 2.9   | 3.2    | 3.5   | 4.0   | 4.5   | 5.1   | 5.6   | 6.0   | 6.4   | 6.8   | 7.2   |
| 92.5°  | 3.9   | 3.5    | 3.7   | 4.2   | 4.7   | 5.1   | 5.6   | 6.0   | 6.4   | 6.8   | 7.2   |
| 95°    | 19.1  | 19.0   | 17.5  | 14.5  | 11.6  | 8.6   | 5.6   | 6.0   | 6.4   | 6.8   | 7.2   |
| 97.5°  | 39.6  | 39.8   | 36.1  | 28.6  | 21.2  | 13.7  | 6.3   | 6.5   | 6.7   | 6.8   | 7.0   |
| 100°   | 59.8  | 59.9   | 60.1  | 60.4  | 60.7  | 61.1  | 61.4  | 49.7  | 38.0  | 26.3  | 14.6  |
| 102.5° | 81.6  | 81.8   | 81.9  | 82.0  | 82.2  | 82.3  | 82.5  | 82.7  | 82.8  | 83.0  | 83.1  |
| 105°   | 104.9 | 105.1  | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 |
| 107.5° | 127.7 | 127.7  | 127.8 | 127.9 | 128.1 | 128.2 | 128.4 | 128.5 | 128.5 | 128.6 | 128.7 |
| 110°   | 150.9 | 150.9  | 151.0 | 151.1 | 151.3 | 151.4 | 151.6 | 151.4 | 151.2 | 150.9 | 150.7 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.8 | 173.9  | 173.9 | 174.0 | 174.1 | 174.1 | 174.2 | 173.9 | 173.6 | 173.3 | 173.0 |
| 115°   | 196.2 | 196.4  | 196.4 | 196.5 | 196.6 | 196.7 | 196.8 | 196.5 | 196.2 | 195.9 | 195.6 |
| 117.5° | 217.6 | 217.6  | 217.8 | 218.1 | 218.4 | 218.7 | 219.0 | 218.5 | 218.1 | 217.6 | 217.1 |
| 120°   | 238.4 | 238.4  | 238.5 | 238.7 | 239.0 | 239.2 | 239.4 | 239.2 | 239.1 | 238.9 | 238.8 |
| 122.5° | 259.0 | 259.2  | 259.2 | 259.3 | 259.4 | 259.4 | 259.5 | 259.3 | 259.2 | 259.0 | 258.9 |
| 125°   | 279.0 | 279.3  | 279.3 | 279.3 | 279.3 | 279.3 | 279.3 | 279.0 | 278.7 | 278.4 | 278.1 |
| 127.5° | 297.1 | 297.3  | 297.3 | 297.2 | 297.1 | 297.0 | 296.9 | 296.7 | 296.6 | 296.4 | 296.3 |
| 130°   | 314.0 | 314.2  | 314.2 | 314.3 | 314.4 | 314.5 | 314.6 | 314.4 | 314.1 | 313.9 | 313.6 |
| 132.5° | 331.3 | 331.5  | 331.4 | 331.1 | 330.9 | 330.6 | 330.4 | 330.4 | 330.4 | 330.4 | 330.4 |
| 135°   | 347.2 | 347.4  | 347.3 | 347.1 | 347.0 | 346.8 | 346.6 | 346.4 | 346.3 | 346.1 | 346.0 |
| 137.5° | 362.0 | 362.2  | 362.1 | 362.0 | 361.8 | 361.7 | 361.5 | 361.5 | 361.5 | 361.5 | 361.5 |
| 140°   | 375.1 | 375.2  | 375.2 | 375.1 | 375.0 | 375.0 | 374.9 | 375.1 | 375.2 | 375.4 | 375.5 |
| 142.5° | 387.9 | 387.9  | 388.0 | 388.1 | 388.3 | 388.4 | 388.6 | 388.6 | 388.6 | 388.6 | 388.6 |
| 145°   | 400.9 | 401.0  | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.1 | 401.1 | 401.2 | 401.3 |
| 147.5° | 411.5 | 411.5  | 411.5 | 411.6 | 411.7 | 411.8 | 411.9 | 412.0 | 412.0 | 412.1 | 412.2 |
| 150°   | 421.5 | 421.4  | 421.5 | 421.6 | 421.8 | 421.9 | 422.1 | 422.3 | 422.4 | 422.6 | 422.7 |
| 152.5° | 430.8 | 430.6  | 430.7 | 430.8 | 431.0 | 431.1 | 431.3 | 431.5 | 431.6 | 431.8 | 431.9 |
| 155°   | 438.9 | 438.7  | 438.8 | 438.9 | 439.1 | 439.2 | 439.4 | 439.6 | 439.9 | 440.1 | 440.4 |
| 157.5° | 446.5 | 446.4  | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.6 | 446.9 | 447.1 | 447.4 |
| 160°   | 452.6 | 452.4  | 452.4 | 452.5 | 452.6 | 452.7 | 452.8 | 453.1 | 453.4 | 453.7 | 454.0 |
| 162.5° | 458.3 | 458.1  | 458.1 | 458.2 | 458.3 | 458.3 | 458.4 | 458.9 | 459.4 | 459.9 | 460.4 |
| 165°   | 463.2 | 463.0  | 463.0 | 463.1 | 463.2 | 463.3 | 463.4 | 463.9 | 464.3 | 464.8 | 465.3 |
| 167.5° | 467.1 | 466.9  | 466.9 | 467.0 | 467.1 | 467.2 | 467.3 | 467.8 | 468.4 | 468.9 | 469.4 |
| 170°   | 470.0 | 469.7  | 469.7 | 469.8 | 469.9 | 470.0 | 470.1 | 470.7 | 471.3 | 472.0 | 472.6 |
| 172.5° | 472.1 | 471.8  | 471.9 | 472.0 | 472.2 | 472.3 | 472.5 | 473.1 | 473.6 | 474.2 | 474.7 |
| 175°   | 473.8 | 473.6  | 473.6 | 473.7 | 473.8 | 473.9 | 474.0 | 474.6 | 475.2 | 475.9 | 476.5 |
| 177.5° | 474.9 | 474.7  | 474.7 | 474.8 | 474.9 | 474.9 | 475.0 | 475.6 | 476.1 | 476.7 | 477.2 |
| 180°   | 475.7 | 475.7  | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°    | 7.4    | 7.5   | 7.8   | 8.0   | 8.3   | 8.5   | 8.3   | 8.0   | 7.8   | 7.5   | 7.4    |
| 92.5°  | 7.4    | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.7   | 7.6   | 7.5   | 7.4   | 7.4    |
| 95°    | 7.4    | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4    |
| 97.5°  | 7.1    | 7.1   | 7.2   | 7.3   | 7.3   | 7.4   | 7.3   | 7.3   | 7.2   | 7.1   | 7.1    |
| 100°   | 8.8    | 8.6   | 8.3   | 8.0   | 7.7   | 7.4   | 7.7   | 8.0   | 8.3   | 8.6   | 8.8    |
| 102.5° | 83.2   | 79.9  | 73.3  | 66.8  | 60.2  | 53.6  | 60.2  | 66.8  | 73.3  | 79.9  | 83.2   |
| 105°   | 105.1  | 105.1 | 105.0 | 104.9 | 104.8 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.1  |
| 107.5° | 128.7  | 128.5 | 128.2 | 127.9 | 127.6 | 127.3 | 127.6 | 127.9 | 128.2 | 128.5 | 128.7  |
| 110°   | 150.6  | 150.6 | 150.7 | 150.8 | 150.8 | 150.9 | 150.8 | 150.8 | 150.7 | 150.6 | 150.6  |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 172.8  | 172.7 | 172.6 | 172.4 | 172.3 | 172.1 | 172.3 | 172.4 | 172.6 | 172.7 | 172.8  |
| 115°   | 195.4  | 195.2 | 194.7 | 194.2 | 193.7 | 193.2 | 193.7 | 194.2 | 194.7 | 195.2 | 195.4  |
| 117.5° | 216.9  | 216.8 | 216.7 | 216.5 | 216.4 | 216.2 | 216.4 | 216.5 | 216.7 | 216.8 | 216.9  |
| 120°   | 238.7  | 238.5 | 238.1 | 237.8 | 237.4 | 237.0 | 237.4 | 237.8 | 238.1 | 238.5 | 238.7  |
| 122.5° | 258.8  | 258.6 | 258.1 | 257.6 | 257.2 | 256.7 | 257.2 | 257.6 | 258.1 | 258.6 | 258.8  |
| 125°   | 277.9  | 277.8 | 277.5 | 277.3 | 277.0 | 276.8 | 277.0 | 277.3 | 277.5 | 277.8 | 277.9  |
| 127.5° | 296.2  | 295.9 | 295.3 | 294.6 | 294.0 | 293.4 | 294.0 | 294.6 | 295.3 | 295.9 | 296.2  |
| 130°   | 313.5  | 313.3 | 312.9 | 312.5 | 312.1 | 311.7 | 312.1 | 312.5 | 312.9 | 313.3 | 313.5  |
| 132.5° | 330.4  | 330.2 | 329.8 | 329.5 | 329.1 | 328.7 | 329.1 | 329.5 | 329.8 | 330.2 | 330.4  |
| 135°   | 345.9  | 345.7 | 345.2 | 344.7 | 344.3 | 343.8 | 344.3 | 344.7 | 345.2 | 345.7 | 345.9  |
| 137.5° | 361.5  | 361.3 | 360.9 | 360.5 | 360.1 | 359.7 | 360.1 | 360.5 | 360.9 | 361.3 | 361.5  |
| 140°   | 375.6  | 375.4 | 374.9 | 374.4 | 373.9 | 373.4 | 373.9 | 374.4 | 374.9 | 375.4 | 375.6  |
| 142.5° | 388.6  | 388.4 | 387.9 | 387.4 | 387.0 | 386.5 | 387.0 | 387.4 | 387.9 | 388.4 | 388.6  |
| 145°   | 401.3  | 401.1 | 400.6 | 400.1 | 399.7 | 399.2 | 399.7 | 400.1 | 400.6 | 401.1 | 401.3  |
| 147.5° | 412.2  | 411.9 | 411.4 | 410.9 | 410.3 | 409.8 | 410.3 | 410.9 | 411.4 | 411.9 | 412.2  |
| 150°   | 422.8  | 422.5 | 421.9 | 421.2 | 420.6 | 420.0 | 420.6 | 421.2 | 421.9 | 422.5 | 422.8  |
| 152.5° | 432.0  | 431.7 | 431.2 | 430.6 | 430.1 | 429.5 | 430.1 | 430.6 | 431.2 | 431.7 | 432.0  |
| 155°   | 440.5  | 440.2 | 439.5 | 438.9 | 438.2 | 437.6 | 438.2 | 438.9 | 439.5 | 440.2 | 440.5  |
| 157.5° | 447.5  | 447.2 | 446.6 | 445.9 | 445.3 | 444.7 | 445.3 | 445.9 | 446.6 | 447.2 | 447.5  |
| 160°   | 454.2  | 453.9 | 453.3 | 452.6 | 452.0 | 451.4 | 452.0 | 452.6 | 453.3 | 453.9 | 454.2  |
| 162.5° | 460.6  | 460.2 | 459.5 | 458.8 | 458.1 | 457.4 | 458.1 | 458.8 | 459.5 | 460.2 | 460.6  |
| 165°   | 465.5  | 465.2 | 464.6 | 463.9 | 463.3 | 462.7 | 463.3 | 463.9 | 464.6 | 465.2 | 465.5  |
| 167.5° | 469.7  | 469.3 | 468.6 | 467.9 | 467.2 | 466.5 | 467.2 | 467.9 | 468.6 | 469.3 | 469.7  |
| 170°   | 472.9  | 472.5 | 471.8 | 471.1 | 470.4 | 469.7 | 470.4 | 471.1 | 471.8 | 472.5 | 472.9  |
| 172.5° | 475.0  | 474.6 | 473.9 | 473.2 | 472.5 | 471.8 | 472.5 | 473.2 | 473.9 | 474.6 | 475.0  |
| 175°   | 476.8  | 476.4 | 475.7 | 475.0 | 474.3 | 473.6 | 474.3 | 475.0 | 475.7 | 476.4 | 476.8  |
| 177.5° | 477.5  | 477.2 | 476.6 | 475.9 | 475.3 | 474.7 | 475.3 | 475.9 | 476.6 | 477.2 | 477.5  |
| 180°   | 475.7  | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7  |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-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°    | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 5.1   | 4.5   | 4.0   | 3.5   | 3.2    | 2.9   |
| 92.5°  | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 5.1   | 4.7   | 4.2   | 3.7   | 3.5    | 3.9   |
| 95°    | 7.2   | 6.8   | 6.4   | 6.0   | 5.6   | 8.6   | 11.6  | 14.5  | 17.5  | 19.0   | 19.1  |
| 97.5°  | 7.0   | 6.8   | 6.7   | 6.5   | 6.3   | 13.7  | 21.2  | 28.6  | 36.1  | 39.8   | 39.6  |
| 100°   | 14.6  | 26.3  | 38.0  | 49.7  | 61.4  | 61.1  | 60.7  | 60.4  | 60.1  | 59.9   | 59.8  |
| 102.5° | 83.1  | 83.0  | 82.8  | 82.7  | 82.5  | 82.3  | 82.2  | 82.0  | 81.9  | 81.8   | 81.6  |
| 105°   | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1 | 105.1  | 104.9 |
| 107.5° | 128.7 | 128.6 | 128.5 | 128.5 | 128.4 | 128.2 | 128.1 | 127.9 | 127.8 | 127.7  | 127.7 |
| 110°   | 150.7 | 150.9 | 151.2 | 151.4 | 151.6 | 151.4 | 151.3 | 151.1 | 151.0 | 150.9  | 150.9 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 173.0 | 173.3 | 173.6 | 173.9 | 174.2 | 174.1 | 174.1 | 174.0 | 173.9 | 173.9  | 173.8 |
| 115°   | 195.6 | 195.9 | 196.2 | 196.5 | 196.8 | 196.7 | 196.6 | 196.5 | 196.4 | 196.4  | 196.2 |
| 117.5° | 217.1 | 217.6 | 218.1 | 218.5 | 219.0 | 218.7 | 218.4 | 218.1 | 217.8 | 217.6  | 217.6 |
| 120°   | 238.8 | 238.9 | 239.1 | 239.2 | 239.4 | 239.2 | 239.0 | 238.7 | 238.5 | 238.4  | 238.4 |
| 122.5° | 258.9 | 259.0 | 259.2 | 259.3 | 259.5 | 259.4 | 259.4 | 259.3 | 259.2 | 259.2  | 259.0 |
| 125°   | 278.1 | 278.4 | 278.7 | 279.0 | 279.3 | 279.3 | 279.3 | 279.3 | 279.3 | 279.3  | 279.0 |
| 127.5° | 296.3 | 296.4 | 296.6 | 296.7 | 296.9 | 297.0 | 297.1 | 297.2 | 297.3 | 297.3  | 297.1 |
| 130°   | 313.6 | 313.9 | 314.1 | 314.4 | 314.6 | 314.5 | 314.4 | 314.3 | 314.2 | 314.2  | 314.0 |
| 132.5° | 330.4 | 330.4 | 330.4 | 330.4 | 330.4 | 330.6 | 330.9 | 331.1 | 331.4 | 331.5  | 331.3 |
| 135°   | 346.0 | 346.1 | 346.3 | 346.4 | 346.6 | 346.8 | 347.0 | 347.1 | 347.3 | 347.4  | 347.2 |
| 137.5° | 361.5 | 361.5 | 361.5 | 361.5 | 361.5 | 361.7 | 361.8 | 362.0 | 362.1 | 362.2  | 362.0 |
| 140°   | 375.5 | 375.4 | 375.2 | 375.1 | 374.9 | 375.0 | 375.0 | 375.1 | 375.2 | 375.2  | 375.1 |
| 142.5° | 388.6 | 388.6 | 388.6 | 388.6 | 388.6 | 388.4 | 388.3 | 388.1 | 388.0 | 387.9  | 387.9 |
| 145°   | 401.3 | 401.2 | 401.1 | 401.1 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0  | 400.9 |
| 147.5° | 412.2 | 412.1 | 412.0 | 412.0 | 411.9 | 411.8 | 411.7 | 411.6 | 411.5 | 411.5  | 411.5 |
| 150°   | 422.7 | 422.6 | 422.4 | 422.3 | 422.1 | 421.9 | 421.8 | 421.6 | 421.5 | 421.4  | 421.5 |
| 152.5° | 431.9 | 431.8 | 431.6 | 431.5 | 431.3 | 431.1 | 431.0 | 430.8 | 430.7 | 430.6  | 430.8 |
| 155°   | 440.4 | 440.1 | 439.9 | 439.6 | 439.4 | 439.2 | 439.1 | 438.9 | 438.8 | 438.7  | 438.9 |
| 157.5° | 447.4 | 447.1 | 446.9 | 446.6 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4  | 446.5 |
| 160°   | 454.0 | 453.7 | 453.4 | 453.1 | 452.8 | 452.7 | 452.6 | 452.5 | 452.4 | 452.4  | 452.6 |
| 162.5° | 460.4 | 459.9 | 459.4 | 458.9 | 458.4 | 458.3 | 458.3 | 458.2 | 458.1 | 458.1  | 458.3 |
| 165°   | 465.3 | 464.8 | 464.3 | 463.9 | 463.4 | 463.3 | 463.2 | 463.1 | 463.0 | 463.0  | 463.2 |
| 167.5° | 469.4 | 468.9 | 468.4 | 467.8 | 467.3 | 467.2 | 467.1 | 467.0 | 466.9 | 466.9  | 467.1 |
| 170°   | 472.6 | 472.0 | 471.3 | 470.7 | 470.1 | 470.0 | 469.9 | 469.8 | 469.7 | 469.7  | 470.0 |
| 172.5° | 474.7 | 474.2 | 473.6 | 473.1 | 472.5 | 472.3 | 472.2 | 472.0 | 471.9 | 471.8  | 472.1 |
| 175°   | 476.5 | 475.9 | 475.2 | 474.6 | 474.0 | 473.9 | 473.8 | 473.7 | 473.6 | 473.6  | 473.8 |
| 177.5° | 477.2 | 476.7 | 476.1 | 475.6 | 475.0 | 474.9 | 474.9 | 474.8 | 474.7 | 474.7  | 474.9 |
| 180°   | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7 | 475.7  | 475.7 |

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CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**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°    | 2.3   | 1.6   | 1.0   | 0.4   |
| 92.5°  | 4.6   | 5.3   | 6.0   | 6.7   |
| 95°    | 19.4  | 19.6  | 19.9  | 20.1  |
| 97.5°  | 39.1  | 38.6  | 38.2  | 37.7  |
| 100°   | 59.6  | 59.3  | 59.1  | 58.9  |
| 102.5° | 81.3  | 81.0  | 80.7  | 80.4  |
| 105°   | 104.6 | 104.3 | 104.0 | 103.7 |
| 107.5° | 127.7 | 127.7 | 127.7 | 127.7 |
| 110°   | 150.9 | 150.9 | 150.9 | 150.9 |

TEST NUMBER: P1027174

CATALOG NUMBER: S125RDIP-B375D375UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 173.5 | 173.3 | 173.0 | 172.8 |
| 115°   | 195.8 | 195.5 | 195.1 | 194.7 |
| 117.5° | 217.6 | 217.6 | 217.6 | 217.6 |
| 120°   | 238.5 | 238.6 | 238.6 | 238.7 |
| 122.5° | 258.6 | 258.2 | 257.8 | 257.4 |
| 125°   | 278.5 | 277.9 | 277.4 | 276.8 |
| 127.5° | 296.7 | 296.3 | 295.9 | 295.5 |
| 130°   | 313.6 | 313.2 | 312.8 | 312.4 |
| 132.5° | 330.8 | 330.3 | 329.9 | 329.4 |
| 135°   | 346.7 | 346.2 | 345.7 | 345.2 |
| 137.5° | 361.5 | 361.0 | 360.5 | 360.0 |
| 140°   | 375.0 | 374.8 | 374.7 | 374.5 |
| 142.5° | 387.8 | 387.7 | 387.7 | 387.6 |
| 145°   | 400.7 | 400.6 | 400.4 | 400.2 |
| 147.5° | 411.5 | 411.5 | 411.5 | 411.5 |
| 150°   | 421.6 | 421.8 | 421.9 | 422.1 |
| 152.5° | 431.2 | 431.5 | 431.9 | 432.3 |
| 155°   | 439.4 | 439.9 | 440.3 | 440.8 |
| 157.5° | 446.8 | 447.0 | 447.3 | 447.5 |
| 160°   | 453.1 | 453.6 | 454.1 | 454.6 |
| 162.5° | 458.8 | 459.3 | 459.7 | 460.2 |
| 165°   | 463.7 | 464.2 | 464.6 | 465.1 |
| 167.5° | 467.6 | 468.1 | 468.5 | 469.0 |
| 170°   | 470.5 | 471.1 | 471.6 | 472.2 |
| 172.5° | 472.6 | 473.2 | 473.7 | 474.3 |
| 175°   | 474.3 | 474.8 | 475.2 | 475.7 |
| 177.5° | 475.4 | 475.9 | 476.3 | 476.8 |
| 180°   | 475.7 | 475.7 | 475.7 | 475.7 |

(END OF REPORT)