

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: P1026878

Luminaire Tested: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1026878  
REPORT IS A COMBINATION OF REPORTS P1002012 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K  
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

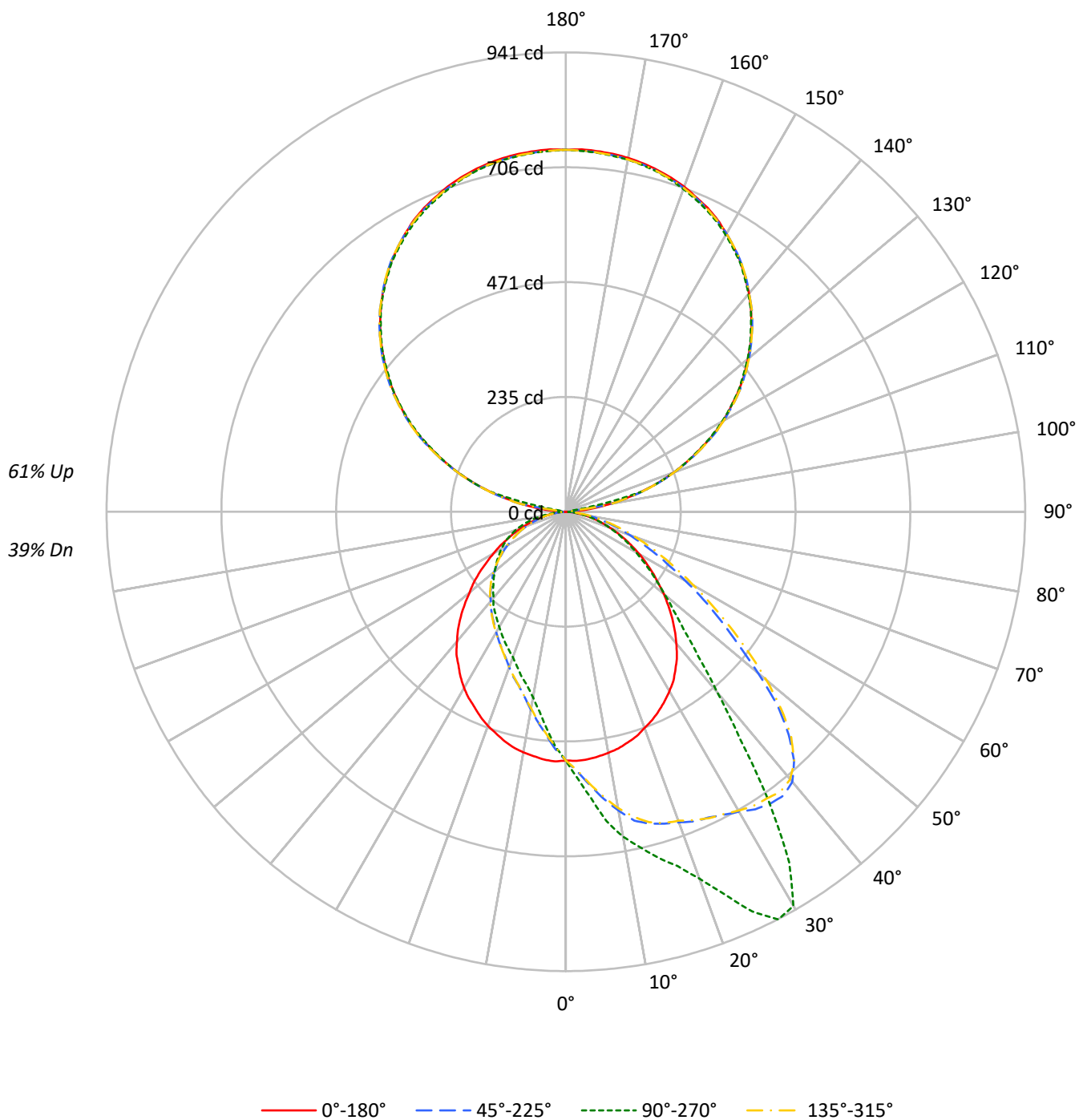
Lumens per Lamp: N/A  
Luminaire Lumens: 3717.0 lumens  
Efficiency: N/A  
Efficacy: 130.9 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 28.4  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1026878

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |   |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|---|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |  |  |   |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |    |  |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |  |  |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |   |
| 0   | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 61 | 61 | 61 | 46 | 46 | 46 | 39 |  |  |   |
| 1   | 95  | 91  | 88  | 84  | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 54 | 52 | 51 | 41 | 40 | 39 | 33 |  |  |   |
| 2   | 87  | 80  | 74  | 69  | 79 | 73 | 68 | 63 | 60 | 56 | 53 | 47 | 45 | 43 | 36 | 34 | 33 | 28 |  |  |   |
| 3   | 79  | 70  | 63  | 58  | 72 | 64 | 58 | 53 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 | 24 |  |  |   |
| 4   | 73  | 62  | 55  | 49  | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 37 | 34 | 31 | 29 | 26 | 24 | 20 |  |  |   |
| 5   | 67  | 55  | 47  | 42  | 60 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 23 | 21 | 18 |  |  |   |
| 6   | 61  | 50  | 42  | 36  | 56 | 45 | 39 | 34 | 38 | 32 | 29 | 30 | 27 | 24 | 23 | 21 | 19 | 16 |  |  |   |
| 7   | 57  | 45  | 37  | 32  | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 21 | 19 | 17 | 14 |  |  |   |
| 8   | 53  | 41  | 33  | 28  | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 25 | 21 | 19 | 20 | 17 | 15 | 12 |  |  |   |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 15 | 13 | 11 |  |  |   |
| 10  | 46  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 18 | 15 | 17 | 14 | 12 | 10 |  |  |   |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3265 | 3265 | 3265 | 3265 |
| 5°  | 3268 | 3704 | 3270 | 2810 |
| 10° | 3248 | 4221 | 3242 | 2412 |
| 15° | 3224 | 4577 | 3204 | 2179 |
| 20° | 3183 | 5016 | 3154 | 1990 |
| 25° | 3147 | 5748 | 3089 | 1877 |
| 30° | 3095 | 6063 | 3041 | 1776 |
| 35° | 3013 | 4860 | 2950 | 1693 |
| 40° | 2884 | 3359 | 2842 | 1608 |
| 45° | 2723 | 2501 | 2692 | 1535 |
| 50° | 2538 | 2059 | 2495 | 1478 |
| 55° | 2337 | 1756 | 2319 | 1428 |
| 60° | 2141 | 1503 | 2104 | 1389 |
| 65° | 1930 | 1298 | 1898 | 1333 |
| 70° | 1706 | 1078 | 1683 | 1234 |
| 75° | 1470 | 834  | 1449 | 1072 |
| 80° | 1160 | 564  | 1118 | 788  |
| 85° | 743  | 282  | 715  | 401  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4987 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 49.0   | 1.3       |
| 10°-20°   | 146.1  | 3.9       |
| 20°-30°   | 237.3  | 6.4       |
| 30°-40°   | 290.0  | 7.8       |
| 40°-50°   | 263.1  | 7.1       |
| 50°-60°   | 209.5  | 5.6       |
| 60°-70°   | 145.9  | 3.9       |
| 70°-80°   | 77.7   | 2.1       |
| 80°-90°   | 20.4   | 0.5       |
| 90°-100°  | 25.2   | 0.7       |
| 100°-110° | 167.4  | 4.5       |
| 110°-120° | 301.4  | 8.1       |
| 120°-130° | 386.9  | 10.4      |
| 130°-140° | 416.1  | 11.2      |
| 140°-150° | 390.5  | 10.5      |
| 150°-160° | 315.9  | 8.5       |
| 160°-170° | 204.3  | 5.5       |
| 170°-180° | 70.5   | 1.9       |
| 0°-30°    | 432.4  | 11.6      |
| 0°-40°    | 722.4  | 19.4      |
| 0°-60°    | 1195.0 | 32.2      |
| 0°-90°    | 1439.1 | 38.7      |
| 90°-120°  | 493.9  | 13.3      |
| 90°-150°  | 1687.3 | 45.4      |
| 90°-180°  | 2278.0 | 61.3      |
| 0°-180°   | 3717.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 510 | 510 | 510  | 510  | 510  |      |
| 5°   | 509 | 588 | 510  | 446  | 509  | 48   |
| 15°  | 489 | 734 | 486  | 350  | 489  | 138  |
| 25°  | 450 | 903 | 442  | 295  | 450  | 207  |
| 35°  | 392 | 725 | 384  | 253  | 392  | 245  |
| 45°  | 308 | 342 | 304  | 210  | 308  | 237  |
| 55°  | 217 | 211 | 215  | 171  | 217  | 194  |
| 65°  | 134 | 129 | 132  | 133  | 134  | 133  |
| 75°  | 65  | 64  | 64   | 82   | 65   | 69   |
| 85°  | 13  | 14  | 12   | 20   | 13   | 16   |
| 90°  | 0   | 13  | 0    | 13   | 0    | 2    |
| 95°  | 31  | 12  | 31   | 12   | 31   | 38   |
| 105° | 162 | 163 | 162  | 163  | 162  | 171  |
| 115° | 303 | 301 | 303  | 301  | 303  | 301  |
| 125° | 432 | 432 | 432  | 432  | 432  | 385  |
| 135° | 538 | 536 | 538  | 536  | 538  | 415  |
| 145° | 624 | 622 | 624  | 622  | 624  | 390  |
| 155° | 687 | 682 | 687  | 682  | 687  | 317  |
| 165° | 725 | 721 | 725  | 721  | 725  | 205  |
| 175° | 742 | 738 | 742  | 738  | 742  | 71   |
| 180° | 742 | 742 | 742  | 742  | 742  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 510.5 | 513.5 | 516.9 | 519.5 | 523.9 | 525.2 | 527.3 | 528.6 | 529.9 | 531.2 | 532.1 |
| 5°     | 509.2 | 516.5 | 523.0 | 527.8 | 536.0 | 539.0 | 542.9 | 547.7 | 553.3 | 558.0 | 561.1 |
| 7.5°   | 505.7 | 517.4 | 526.0 | 535.5 | 546.8 | 554.2 | 558.0 | 568.0 | 577.1 | 584.0 | 593.1 |
| 10°    | 501.4 | 515.2 | 528.6 | 542.9 | 558.9 | 567.1 | 574.9 | 588.8 | 601.3 | 612.6 | 621.6 |
| 12.5°  | 496.6 | 513.5 | 529.5 | 548.1 | 569.7 | 579.7 | 584.9 | 608.7 | 624.2 | 630.3 | 648.0 |
| 15°    | 489.3 | 509.2 | 532.1 | 555.0 | 573.2 | 584.9 | 599.1 | 618.2 | 633.7 | 647.2 | 661.4 |
| 17.5°  | 482.3 | 504.0 | 527.3 | 552.9 | 579.2 | 594.4 | 605.2 | 622.1 | 638.9 | 656.2 | 669.7 |
| 20°    | 471.1 | 499.2 | 523.0 | 550.3 | 581.4 | 592.2 | 603.5 | 623.4 | 641.5 | 660.1 | 677.0 |
| 22.5°  | 462.0 | 488.8 | 521.3 | 547.2 | 573.6 | 584.4 | 598.3 | 619.0 | 640.7 | 661.9 | 686.5 |
| 25°    | 450.3 | 480.2 | 508.3 | 536.0 | 563.2 | 574.9 | 587.5 | 614.3 | 636.8 | 664.0 | 691.3 |
| 27.5°  | 437.8 | 468.5 | 496.6 | 521.7 | 547.2 | 563.2 | 576.6 | 604.8 | 634.6 | 664.5 | 699.9 |
| 30°    | 424.4 | 453.4 | 480.2 | 504.8 | 533.0 | 549.4 | 562.8 | 595.7 | 629.0 | 667.1 | 709.5 |
| 32.5°  | 410.1 | 437.4 | 460.3 | 485.4 | 515.2 | 530.4 | 548.5 | 584.4 | 623.8 | 669.2 | 722.4 |
| 35°    | 391.9 | 417.9 | 438.2 | 463.7 | 493.6 | 513.1 | 532.1 | 572.3 | 618.2 | 668.8 | 729.8 |
| 37.5°  | 373.8 | 394.1 | 413.6 | 440.8 | 475.4 | 493.2 | 513.1 | 557.2 | 609.5 | 667.5 | 732.8 |
| 40°    | 352.1 | 372.0 | 388.9 | 416.6 | 452.9 | 473.3 | 494.0 | 540.3 | 599.6 | 662.7 | 722.0 |
| 42.5°  | 330.5 | 347.4 | 366.0 | 395.0 | 430.0 | 451.6 | 473.7 | 525.2 | 586.6 | 648.9 | 692.1 |
| 45°    | 308.0 | 321.0 | 341.3 | 367.7 | 404.9 | 425.7 | 450.8 | 506.6 | 568.4 | 623.8 | 645.4 |
| 47.5°  | 284.6 | 297.6 | 316.7 | 342.2 | 379.0 | 403.6 | 427.4 | 483.2 | 545.5 | 588.3 | 588.3 |
| 50°    | 262.2 | 272.5 | 291.1 | 316.7 | 353.9 | 376.4 | 400.6 | 459.8 | 510.0 | 541.6 | 513.5 |
| 52.5°  | 237.9 | 249.6 | 265.2 | 292.0 | 328.8 | 349.1 | 375.5 | 426.1 | 473.7 | 486.7 | 443.4 |
| 55°    | 216.7 | 226.2 | 241.0 | 266.5 | 300.7 | 321.8 | 344.3 | 392.8 | 433.0 | 432.2 | 385.9 |
| 57.5°  | 194.7 | 202.5 | 218.0 | 241.4 | 273.0 | 292.0 | 314.5 | 356.5 | 389.3 | 377.7 | 334.0 |
| 60°    | 174.3 | 180.0 | 195.1 | 214.1 | 244.4 | 262.2 | 283.8 | 318.0 | 343.0 | 326.6 | 282.5 |
| 62.5°  | 153.1 | 159.6 | 171.7 | 190.3 | 217.2 | 231.4 | 247.4 | 282.1 | 298.1 | 283.3 | 238.4 |
| 65°    | 134.1 | 139.3 | 150.1 | 165.7 | 189.9 | 202.9 | 216.7 | 245.3 | 260.4 | 239.2 | 202.0 |
| 67.5°  | 115.1 | 121.1 | 128.9 | 142.8 | 161.8 | 173.9 | 186.0 | 210.7 | 217.6 | 198.6 | 167.4 |
| 70°    | 97.3  | 102.5 | 109.9 | 119.8 | 135.8 | 146.6 | 155.7 | 176.1 | 180.8 | 163.1 | 138.4 |
| 72.5°  | 80.0  | 83.5  | 89.5  | 97.8  | 112.5 | 118.5 | 128.0 | 141.9 | 147.9 | 131.9 | 114.2 |
| 75°    | 64.9  | 67.5  | 71.4  | 77.4  | 87.4  | 93.9  | 101.7 | 114.6 | 114.2 | 103.0 | 90.4  |
| 77.5°  | 50.2  | 50.6  | 54.9  | 60.6  | 66.6  | 72.2  | 76.1  | 85.2  | 86.1  | 79.2  | 68.8  |
| 80°    | 35.9  | 37.2  | 38.9  | 43.3  | 48.5  | 50.6  | 55.4  | 61.0  | 61.9  | 56.7  | 49.7  |
| 82.5°  | 22.9  | 23.8  | 25.1  | 27.7  | 31.1  | 33.7  | 36.3  | 38.5  | 40.7  | 37.6  | 32.0  |
| 85°    | 13.0  | 13.4  | 14.7  | 15.6  | 17.3  | 18.6  | 20.8  | 22.9  | 22.5  | 20.3  | 18.6  |
| 87.5°  | 6.5   | 6.5   | 6.5   | 7.4   | 8.2   | 8.2   | 9.1   | 9.5   | 9.9   | 9.1   | 8.2   |
| 90°    | 0.5   | 1.5   | 2.5   | 3.4   | 4.4   | 4.9   | 5.3   | 6.2   | 7.1   | 7.9   | 8.8   |
| 92.5°  | 10.4  | 9.3   | 8.2   | 7.1   | 6.0   | 5.5   | 5.9   | 6.6   | 7.3   | 8.1   | 8.8   |
| 95°    | 31.3  | 30.9  | 30.6  | 30.2  | 29.9  | 29.7  | 27.4  | 22.7  | 18.1  | 13.4  | 8.8   |
| 97.5°  | 58.8  | 59.5  | 60.3  | 61.0  | 61.7  | 62.1  | 56.3  | 44.7  | 33.1  | 21.5  | 9.9   |
| 100°   | 91.8  | 92.2  | 92.6  | 92.9  | 93.3  | 93.5  | 93.7  | 94.2  | 94.7  | 95.1  | 95.6  |
| 102.5° | 125.3 | 125.8 | 126.3 | 126.8 | 127.3 | 127.5 | 127.6 | 127.9 | 128.1 | 128.4 | 128.6 |
| 105°   | 161.6 | 162.1 | 162.6 | 163.1 | 163.6 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |
| 107.5° | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 | 199.1 | 199.4 | 199.6 | 199.9 | 200.1 |
| 110°   | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.4 | 235.7 | 235.9 | 236.2 | 236.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 269.4 | 269.8 | 270.1 | 270.5 | 270.8 | 271.0 | 271.1 | 271.2 | 271.3 | 271.5 | 271.6 |
| 115°   | 303.4 | 304.0 | 304.6 | 305.3 | 305.9 | 306.2 | 306.3 | 306.4 | 306.5 | 306.6 | 306.7 |
| 117.5° | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.4 | 339.9 | 340.4 | 340.9 | 341.4 |
| 120°   | 372.2 | 372.1 | 371.9 | 371.8 | 371.7 | 371.6 | 371.8 | 372.2 | 372.5 | 372.9 | 373.3 |
| 122.5° | 401.3 | 401.9 | 402.5 | 403.1 | 403.7 | 404.0 | 404.1 | 404.2 | 404.3 | 404.5 | 404.6 |
| 125°   | 431.5 | 432.4 | 433.2 | 434.1 | 435.0 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 |
| 127.5° | 460.7 | 461.3 | 461.9 | 462.5 | 463.1 | 463.4 | 463.3 | 463.2 | 463.1 | 463.0 | 462.9 |
| 130°   | 487.0 | 487.6 | 488.2 | 488.9 | 489.5 | 489.8 | 489.9 | 490.0 | 490.1 | 490.2 | 490.3 |
| 132.5° | 513.4 | 514.1 | 514.9 | 515.6 | 516.3 | 516.7 | 516.5 | 516.2 | 515.8 | 515.5 | 515.1 |
| 135°   | 538.2 | 538.9 | 539.7 | 540.4 | 541.1 | 541.5 | 541.4 | 541.1 | 540.9 | 540.6 | 540.4 |
| 137.5° | 561.3 | 562.0 | 562.7 | 563.4 | 564.1 | 564.5 | 564.4 | 564.1 | 563.9 | 563.6 | 563.4 |
| 140°   | 583.8 | 584.0 | 584.3 | 584.5 | 584.8 | 584.9 | 584.8 | 584.7 | 584.6 | 584.4 | 584.3 |
| 142.5° | 604.1 | 604.2 | 604.4 | 604.5 | 604.6 | 604.7 | 604.8 | 605.1 | 605.3 | 605.6 | 605.8 |
| 145°   | 623.9 | 624.1 | 624.4 | 624.6 | 624.9 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 |
| 147.5° | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.6 | 641.7 | 641.8 | 642.0 | 642.1 |
| 150°   | 658.0 | 657.8 | 657.5 | 657.3 | 657.0 | 656.9 | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 |
| 152.5° | 673.9 | 673.3 | 672.7 | 672.1 | 671.5 | 671.2 | 671.3 | 671.6 | 671.8 | 672.1 | 672.3 |
| 155°   | 687.1 | 686.4 | 685.6 | 684.9 | 684.2 | 683.8 | 683.9 | 684.2 | 684.4 | 684.7 | 684.9 |
| 157.5° | 697.6 | 697.2 | 696.8 | 696.5 | 696.1 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 |
| 160°   | 708.6 | 707.9 | 707.1 | 706.4 | 705.7 | 705.3 | 705.4 | 705.5 | 705.6 | 705.7 | 705.8 |
| 162.5° | 717.4 | 716.7 | 715.9 | 715.2 | 714.5 | 714.1 | 714.2 | 714.3 | 714.4 | 714.5 | 714.6 |
| 165°   | 725.1 | 724.4 | 723.6 | 722.9 | 722.2 | 721.8 | 721.9 | 722.0 | 722.1 | 722.2 | 722.3 |
| 167.5° | 731.1 | 730.4 | 729.6 | 728.9 | 728.2 | 727.8 | 727.9 | 728.0 | 728.1 | 728.3 | 728.4 |
| 170°   | 736.1 | 735.2 | 734.4 | 733.5 | 732.6 | 732.2 | 732.3 | 732.4 | 732.5 | 732.7 | 732.8 |
| 172.5° | 739.4 | 738.5 | 737.7 | 736.8 | 735.9 | 735.5 | 735.6 | 735.9 | 736.1 | 736.4 | 736.6 |
| 175°   | 741.6 | 740.9 | 740.1 | 739.4 | 738.7 | 738.3 | 738.4 | 738.5 | 738.6 | 738.7 | 738.8 |
| 177.5° | 743.2 | 742.5 | 741.7 | 741.0 | 740.3 | 739.9 | 740.0 | 740.1 | 740.2 | 740.4 | 740.5 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 533.0 | 536.0 | 538.6 | 540.7 | 542.5 | 545.1 | 543.3 | 543.8 | 544.6 | 546.4 | 546.4 |
| 5°     | 567.6 | 572.3 | 574.9 | 583.6 | 585.7 | 585.3 | 584.0 | 590.9 | 590.5 | 587.9 | 587.5 |
| 7.5°   | 601.3 | 609.5 | 616.9 | 623.8 | 626.0 | 631.6 | 632.9 | 635.9 | 635.0 | 639.4 | 637.2 |
| 10°    | 632.0 | 645.0 | 651.9 | 662.3 | 664.9 | 667.5 | 671.0 | 672.7 | 676.6 | 676.1 | 676.1 |
| 12.5°  | 655.8 | 671.4 | 680.5 | 683.1 | 693.0 | 696.0 | 699.1 | 704.7 | 703.4 | 703.8 | 706.4 |
| 15°    | 674.4 | 689.6 | 697.3 | 709.5 | 716.4 | 719.8 | 725.0 | 731.1 | 730.2 | 734.1 | 733.2 |
| 17.5°  | 688.3 | 702.5 | 716.8 | 735.0 | 735.4 | 744.5 | 756.6 | 759.2 | 764.8 | 760.9 | 760.9 |
| 20°    | 699.5 | 718.5 | 738.9 | 762.2 | 764.8 | 770.4 | 785.2 | 795.1 | 801.6 | 799.4 | 800.7 |
| 22.5°  | 711.6 | 738.9 | 762.7 | 786.0 | 798.6 | 808.5 | 822.8 | 838.4 | 844.0 | 847.4 | 846.6 |
| 25°    | 727.2 | 755.7 | 790.8 | 823.2 | 836.2 | 855.2 | 874.3 | 889.4 | 893.7 | 903.3 | 894.6 |
| 27.5°  | 743.2 | 783.4 | 827.1 | 865.2 | 881.6 | 897.2 | 920.1 | 931.4 | 937.0 | 941.3 | 938.3 |
| 30°    | 756.6 | 812.0 | 859.6 | 894.6 | 906.3 | 915.4 | 928.3 | 930.9 | 928.8 | 932.2 | 936.6 |
| 32.5°  | 777.4 | 831.4 | 871.7 | 888.5 | 887.2 | 886.8 | 876.9 | 863.0 | 860.0 | 851.8 | 863.0 |
| 35°    | 788.6 | 831.9 | 847.4 | 825.0 | 815.9 | 799.4 | 767.9 | 747.1 | 728.9 | 725.0 | 725.9 |
| 37.5°  | 782.1 | 799.0 | 780.4 | 721.1 | 706.4 | 681.3 | 639.4 | 610.0 | 596.5 | 586.2 | 599.6 |
| 40°    | 747.1 | 728.5 | 677.4 | 605.2 | 584.0 | 560.2 | 520.8 | 504.8 | 485.8 | 481.9 | 499.6 |
| 42.5°  | 689.1 | 632.5 | 560.2 | 504.4 | 482.3 | 468.9 | 436.1 | 420.9 | 407.5 | 401.4 | 411.4 |
| 45°    | 610.4 | 541.6 | 468.9 | 423.1 | 404.5 | 388.5 | 369.0 | 353.0 | 344.3 | 341.7 | 350.0 |
| 47.5°  | 529.1 | 456.4 | 398.4 | 364.2 | 344.8 | 332.7 | 314.5 | 305.4 | 298.5 | 299.4 | 300.7 |
| 50°    | 451.2 | 385.0 | 340.5 | 306.3 | 296.8 | 287.2 | 275.1 | 267.3 | 263.9 | 265.2 | 264.3 |
| 52.5°  | 384.1 | 330.5 | 292.9 | 266.5 | 262.2 | 253.1 | 243.1 | 236.6 | 235.3 | 235.8 | 237.1 |
| 55°    | 325.3 | 283.3 | 253.5 | 234.5 | 229.7 | 223.2 | 217.2 | 212.8 | 209.4 | 210.7 | 210.2 |
| 57.5°  | 280.8 | 244.0 | 221.1 | 205.5 | 202.0 | 198.1 | 192.5 | 190.3 | 189.0 | 186.4 | 188.6 |
| 60°    | 241.4 | 211.5 | 191.6 | 182.1 | 179.1 | 176.5 | 170.4 | 167.8 | 167.0 | 165.7 | 169.1 |
| 62.5°  | 204.2 | 183.0 | 167.8 | 159.2 | 156.2 | 153.6 | 150.5 | 148.4 | 148.8 | 147.1 | 148.8 |
| 65°    | 174.8 | 157.5 | 146.6 | 138.9 | 135.0 | 133.2 | 132.8 | 129.3 | 128.9 | 129.3 | 129.8 |
| 67.5°  | 147.5 | 132.8 | 124.6 | 119.8 | 116.8 | 115.1 | 113.8 | 111.6 | 113.3 | 112.0 | 112.9 |
| 70°    | 122.9 | 112.9 | 104.3 | 99.5  | 98.2  | 98.6  | 96.5  | 95.6  | 96.0  | 95.2  | 96.0  |
| 72.5°  | 99.1  | 90.8  | 87.4  | 83.9  | 82.2  | 81.8  | 80.5  | 79.2  | 80.5  | 80.0  | 80.0  |
| 75°    | 79.2  | 73.1  | 69.2  | 67.1  | 67.1  | 66.2  | 64.0  | 64.0  | 64.0  | 63.6  | 64.0  |
| 77.5°  | 61.0  | 55.8  | 54.1  | 51.9  | 51.9  | 50.6  | 50.2  | 50.2  | 49.3  | 50.6  | 49.7  |
| 80°    | 45.4  | 41.5  | 38.9  | 37.6  | 37.6  | 37.2  | 36.3  | 35.9  | 36.3  | 35.9  | 35.9  |
| 82.5°  | 29.4  | 27.7  | 26.4  | 25.1  | 24.7  | 25.1  | 24.7  | 23.8  | 24.2  | 23.8  | 24.7  |
| 85°    | 16.9  | 15.1  | 15.1  | 14.3  | 14.7  | 13.8  | 14.3  | 13.4  | 13.0  | 14.3  | 13.4  |
| 87.5°  | 7.4   | 6.9   | 6.9   | 6.1   | 6.1   | 6.1   | 5.6   | 6.1   | 5.6   | 5.2   | 5.6   |
| 90°    | 9.4   | 10.0  | 10.6  | 11.2  | 11.5  | 11.7  | 12.1  | 12.4  | 12.8  | 13.2  | 12.8  |
| 92.5°  | 9.4   | 10.0  | 10.6  | 11.2  | 11.5  | 11.6  | 11.7  | 11.8  | 12.0  | 12.1  | 12.0  |
| 95°    | 9.4   | 10.0  | 10.6  | 11.2  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  |
| 97.5°  | 10.1  | 10.4  | 10.6  | 10.9  | 11.0  | 11.1  | 11.2  | 11.3  | 11.4  | 11.5  | 11.4  |
| 100°   | 77.4  | 59.2  | 41.0  | 22.8  | 13.7  | 13.5  | 13.0  | 12.5  | 12.0  | 11.5  | 12.0  |
| 102.5° | 128.8 | 129.1 | 129.3 | 129.6 | 129.7 | 124.6 | 114.3 | 104.1 | 93.8  | 83.6  | 93.8  |
| 105°   | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.7 | 163.6 | 163.5 | 163.4 | 163.3 | 163.4 |
| 107.5° | 200.2 | 200.3 | 200.4 | 200.5 | 200.6 | 200.4 | 199.9 | 199.4 | 198.9 | 198.4 | 198.9 |
| 110°   | 236.0 | 235.6 | 235.3 | 234.9 | 234.7 | 234.8 | 234.9 | 235.0 | 235.2 | 235.3 | 235.2 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.1 | 270.6 | 270.1 | 269.6 | 269.4 | 269.3 | 269.0 | 268.8 | 268.5 | 268.3 | 268.5 |
| 115°   | 306.2 | 305.7 | 305.2 | 304.7 | 304.5 | 304.1 | 303.4 | 302.7 | 301.9 | 301.2 | 301.9 |
| 117.5° | 340.7 | 339.9 | 339.2 | 338.5 | 338.1 | 338.0 | 337.7 | 337.5 | 337.2 | 337.0 | 337.2 |
| 120°   | 373.1 | 372.8 | 372.6 | 372.3 | 372.2 | 371.9 | 371.3 | 370.6 | 370.0 | 369.4 | 370.0 |
| 122.5° | 404.4 | 404.1 | 403.9 | 403.6 | 403.5 | 403.1 | 402.4 | 401.7 | 400.9 | 400.2 | 400.9 |
| 125°   | 434.9 | 434.4 | 433.9 | 433.4 | 433.2 | 433.0 | 432.6 | 432.3 | 431.9 | 431.5 | 431.9 |
| 127.5° | 462.7 | 462.4 | 462.2 | 461.9 | 461.8 | 461.3 | 460.3 | 459.4 | 458.4 | 457.4 | 458.4 |
| 130°   | 489.9 | 489.6 | 489.2 | 488.9 | 488.7 | 488.4 | 487.8 | 487.1 | 486.5 | 485.9 | 486.5 |
| 132.5° | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 514.8 | 514.2 | 513.5 | 512.9 | 512.3 | 512.9 |
| 135°   | 540.2 | 539.9 | 539.7 | 539.4 | 539.3 | 538.9 | 538.2 | 537.5 | 536.7 | 536.0 | 536.7 |
| 137.5° | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.1 | 562.5 | 561.9 | 561.3 | 560.7 | 561.3 |
| 140°   | 584.5 | 584.8 | 585.0 | 585.3 | 585.4 | 585.0 | 584.3 | 583.6 | 582.8 | 582.1 | 582.8 |
| 142.5° | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.4 | 604.7 | 604.0 | 603.2 | 602.5 | 603.2 |
| 145°   | 625.1 | 625.3 | 625.4 | 625.5 | 625.6 | 625.2 | 624.5 | 623.8 | 623.0 | 622.3 | 623.0 |
| 147.5° | 642.2 | 642.3 | 642.4 | 642.5 | 642.6 | 642.2 | 641.3 | 640.5 | 639.6 | 638.8 | 639.6 |
| 150°   | 658.2 | 658.5 | 658.7 | 659.0 | 659.1 | 658.6 | 657.6 | 656.7 | 655.7 | 654.7 | 655.7 |
| 152.5° | 672.5 | 672.8 | 673.0 | 673.3 | 673.4 | 673.0 | 672.1 | 671.2 | 670.4 | 669.5 | 670.4 |
| 155°   | 685.3 | 685.7 | 686.0 | 686.4 | 686.6 | 686.1 | 685.1 | 684.2 | 683.2 | 682.2 | 683.2 |
| 157.5° | 696.3 | 696.7 | 697.0 | 697.4 | 697.6 | 697.1 | 696.1 | 695.2 | 694.2 | 693.2 | 694.2 |
| 160°   | 706.3 | 706.8 | 707.3 | 707.8 | 708.0 | 707.5 | 706.5 | 705.6 | 704.6 | 703.6 | 704.6 |
| 162.5° | 715.3 | 716.1 | 716.8 | 717.5 | 717.9 | 717.4 | 716.3 | 715.2 | 714.1 | 713.0 | 714.1 |
| 165°   | 723.0 | 723.8 | 724.5 | 725.2 | 725.6 | 725.1 | 724.1 | 723.2 | 722.2 | 721.2 | 722.2 |
| 167.5° | 729.2 | 730.1 | 730.9 | 731.8 | 732.2 | 731.7 | 730.6 | 729.5 | 728.4 | 727.3 | 728.4 |
| 170°   | 733.8 | 734.8 | 735.7 | 736.7 | 737.2 | 736.6 | 735.5 | 734.4 | 733.3 | 732.2 | 733.3 |
| 172.5° | 737.5 | 738.3 | 739.2 | 740.1 | 740.5 | 739.9 | 738.8 | 737.7 | 736.6 | 735.5 | 736.6 |
| 175°   | 739.8 | 740.8 | 741.7 | 742.7 | 743.2 | 742.7 | 741.6 | 740.5 | 739.4 | 738.3 | 739.4 |
| 177.5° | 741.3 | 742.2 | 743.0 | 743.9 | 744.3 | 743.8 | 742.8 | 741.9 | 740.9 | 739.9 | 740.9 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6 | 509.6 | 509.6  | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 545.5 | 542.5 | 543.3 | 542.5  | 540.3 | 539.0 | 535.5 | 531.2 | 529.5 | 527.3 | 526.0 |
| 5°     | 589.2 | 587.0 | 586.6 | 583.1  | 582.3 | 577.1 | 568.4 | 564.1 | 558.9 | 553.7 | 548.5 |
| 7.5°   | 636.8 | 634.2 | 625.5 | 624.2  | 625.1 | 618.6 | 607.4 | 598.7 | 587.9 | 580.5 | 570.6 |
| 10°    | 676.1 | 671.0 | 663.6 | 664.0  | 661.0 | 652.3 | 641.1 | 632.0 | 616.4 | 606.9 | 592.7 |
| 12.5°  | 699.9 | 695.6 | 694.7 | 690.4  | 687.8 | 676.6 | 663.2 | 651.5 | 639.8 | 626.8 | 616.0 |
| 15°    | 728.9 | 723.3 | 719.4 | 713.3  | 711.6 | 699.9 | 685.2 | 671.8 | 658.4 | 646.3 | 623.4 |
| 17.5°  | 760.9 | 754.9 | 740.2 | 738.9  | 728.5 | 717.2 | 703.0 | 683.1 | 668.8 | 651.5 | 634.6 |
| 20°    | 797.3 | 788.6 | 769.6 | 764.8  | 756.6 | 738.0 | 718.5 | 696.5 | 673.5 | 655.8 | 635.9 |
| 22.5°  | 837.9 | 822.8 | 808.9 | 793.8  | 787.8 | 764.8 | 738.0 | 711.2 | 683.5 | 659.3 | 635.5 |
| 25°    | 890.7 | 870.8 | 851.3 | 836.2  | 825.8 | 796.0 | 760.1 | 724.6 | 692.6 | 661.0 | 629.9 |
| 27.5°  | 932.2 | 914.9 | 893.7 | 873.8  | 860.4 | 825.0 | 783.9 | 738.0 | 698.2 | 659.7 | 626.4 |
| 30°    | 935.3 | 930.1 | 917.1 | 906.3  | 891.6 | 853.5 | 808.1 | 756.2 | 706.9 | 660.1 | 619.5 |
| 32.5°  | 878.6 | 889.0 | 894.6 | 896.3  | 893.3 | 871.2 | 829.7 | 772.6 | 714.6 | 656.2 | 613.4 |
| 35°    | 756.6 | 784.3 | 818.5 | 831.4  | 844.0 | 855.7 | 834.0 | 784.3 | 717.2 | 655.4 | 603.9 |
| 37.5°  | 622.9 | 648.0 | 704.7 | 730.6  | 745.4 | 791.6 | 809.4 | 782.6 | 722.4 | 656.2 | 594.8 |
| 40°    | 502.7 | 542.5 | 583.1 | 618.2  | 641.1 | 693.0 | 748.0 | 754.0 | 715.1 | 648.0 | 583.1 |
| 42.5°  | 423.1 | 446.4 | 477.1 | 509.6  | 529.9 | 591.4 | 665.8 | 709.5 | 692.1 | 634.6 | 568.9 |
| 45°    | 360.3 | 377.7 | 406.6 | 417.5  | 443.4 | 502.2 | 581.0 | 644.1 | 652.8 | 613.4 | 552.4 |
| 47.5°  | 309.3 | 324.0 | 342.6 | 356.0  | 376.8 | 420.9 | 487.5 | 557.2 | 598.7 | 584.4 | 529.5 |
| 50°    | 272.5 | 284.6 | 300.2 | 308.0  | 321.4 | 361.2 | 411.4 | 480.6 | 536.4 | 541.2 | 499.6 |
| 52.5°  | 241.8 | 248.7 | 260.9 | 269.5  | 280.3 | 304.5 | 350.0 | 407.1 | 469.8 | 495.8 | 462.9 |
| 55°    | 215.0 | 220.6 | 231.4 | 237.1  | 242.7 | 263.4 | 298.9 | 350.8 | 409.7 | 443.8 | 425.2 |
| 57.5°  | 190.8 | 195.5 | 204.6 | 209.8  | 212.8 | 232.7 | 260.0 | 300.7 | 353.4 | 395.0 | 384.6 |
| 60°    | 170.9 | 175.2 | 180.4 | 184.3  | 187.7 | 204.2 | 223.2 | 256.1 | 303.2 | 343.5 | 340.9 |
| 62.5°  | 149.7 | 153.6 | 159.2 | 163.1  | 166.1 | 176.5 | 192.5 | 217.6 | 257.8 | 295.0 | 302.4 |
| 65°    | 131.1 | 134.1 | 138.0 | 139.7  | 143.6 | 151.4 | 164.4 | 186.9 | 219.8 | 253.1 | 258.3 |
| 67.5°  | 114.2 | 115.1 | 117.7 | 121.6  | 122.4 | 129.3 | 141.0 | 157.9 | 183.4 | 210.7 | 218.9 |
| 70°    | 96.0  | 97.3  | 99.5  | 102.5  | 104.3 | 108.6 | 118.5 | 129.8 | 151.8 | 175.6 | 181.7 |
| 72.5°  | 80.0  | 81.8  | 82.6  | 84.4   | 85.2  | 92.1  | 96.5  | 107.7 | 122.9 | 142.8 | 149.2 |
| 75°    | 64.9  | 66.6  | 67.1  | 67.9   | 68.8  | 71.8  | 77.9  | 84.8  | 97.3  | 110.3 | 119.0 |
| 77.5°  | 51.5  | 51.0  | 51.9  | 53.2   | 52.8  | 55.4  | 59.3  | 65.3  | 73.5  | 84.4  | 90.0  |
| 80°    | 36.3  | 36.3  | 37.6  | 38.9   | 38.5  | 41.1  | 42.4  | 46.7  | 53.6  | 60.6  | 62.7  |
| 82.5°  | 24.2  | 24.2  | 25.5  | 25.5   | 26.4  | 26.8  | 28.6  | 30.7  | 36.3  | 39.8  | 41.1  |
| 85°    | 13.8  | 13.8  | 14.3  | 14.3   | 14.3  | 15.1  | 16.4  | 17.3  | 19.0  | 21.2  | 22.1  |
| 87.5°  | 5.6   | 6.1   | 6.1   | 6.1    | 6.1   | 6.9   | 6.9   | 7.8   | 8.2   | 9.1   | 9.1   |
| 90°    | 12.4  | 12.1  | 11.7  | 11.5   | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 7.9   | 7.1   |
| 92.5°  | 11.8  | 11.7  | 11.6  | 11.5   | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 8.1   | 7.3   |
| 95°    | 11.5  | 11.5  | 11.5  | 11.5   | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 13.4  | 18.1  |
| 97.5°  | 11.3  | 11.2  | 11.1  | 11.0   | 10.9  | 10.6  | 10.4  | 10.1  | 9.9   | 21.5  | 33.1  |
| 100°   | 12.5  | 13.0  | 13.5  | 13.7   | 22.8  | 41.0  | 59.2  | 77.4  | 95.6  | 95.1  | 94.7  |
| 102.5° | 104.1 | 114.3 | 124.6 | 129.7  | 129.6 | 129.3 | 129.1 | 128.8 | 128.6 | 128.4 | 128.1 |
| 105°   | 163.5 | 163.6 | 163.7 | 163.8  | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |
| 107.5° | 199.4 | 199.9 | 200.4 | 200.6  | 200.5 | 200.4 | 200.3 | 200.2 | 200.1 | 199.9 | 199.6 |
| 110°   | 235.0 | 234.9 | 234.8 | 234.7  | 234.9 | 235.3 | 235.6 | 236.0 | 236.4 | 236.2 | 235.9 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 268.8 | 269.0 | 269.3 | 269.4  | 269.6 | 270.1 | 270.6 | 271.1 | 271.6 | 271.5 | 271.3 |
| 115°   | 302.7 | 303.4 | 304.1 | 304.5  | 304.7 | 305.2 | 305.7 | 306.2 | 306.7 | 306.6 | 306.5 |
| 117.5° | 337.5 | 337.7 | 338.0 | 338.1  | 338.5 | 339.2 | 339.9 | 340.7 | 341.4 | 340.9 | 340.4 |
| 120°   | 370.6 | 371.3 | 371.9 | 372.2  | 372.3 | 372.6 | 372.8 | 373.1 | 373.3 | 372.9 | 372.5 |
| 122.5° | 401.7 | 402.4 | 403.1 | 403.5  | 403.6 | 403.9 | 404.1 | 404.4 | 404.6 | 404.5 | 404.3 |
| 125°   | 432.3 | 432.6 | 433.0 | 433.2  | 433.4 | 433.9 | 434.4 | 434.9 | 435.4 | 435.4 | 435.4 |
| 127.5° | 459.4 | 460.3 | 461.3 | 461.8  | 461.9 | 462.2 | 462.4 | 462.7 | 462.9 | 463.0 | 463.1 |
| 130°   | 487.1 | 487.8 | 488.4 | 488.7  | 488.9 | 489.2 | 489.6 | 489.9 | 490.3 | 490.2 | 490.1 |
| 132.5° | 513.5 | 514.2 | 514.8 | 515.1  | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.5 | 515.8 |
| 135°   | 537.5 | 538.2 | 538.9 | 539.3  | 539.4 | 539.7 | 539.9 | 540.2 | 540.4 | 540.6 | 540.9 |
| 137.5° | 561.9 | 562.5 | 563.1 | 563.4  | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.6 | 563.9 |
| 140°   | 583.6 | 584.3 | 585.0 | 585.4  | 585.3 | 585.0 | 584.8 | 584.5 | 584.3 | 584.4 | 584.6 |
| 142.5° | 604.0 | 604.7 | 605.4 | 605.8  | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.6 | 605.3 |
| 145°   | 623.8 | 624.5 | 625.2 | 625.6  | 625.5 | 625.4 | 625.3 | 625.1 | 625.0 | 625.0 | 625.0 |
| 147.5° | 640.5 | 641.3 | 642.2 | 642.6  | 642.5 | 642.4 | 642.3 | 642.2 | 642.1 | 642.0 | 641.8 |
| 150°   | 656.7 | 657.6 | 658.6 | 659.1  | 659.0 | 658.7 | 658.5 | 658.2 | 658.0 | 657.8 | 657.5 |
| 152.5° | 671.2 | 672.1 | 673.0 | 673.4  | 673.3 | 673.0 | 672.8 | 672.5 | 672.3 | 672.1 | 671.8 |
| 155°   | 684.2 | 685.1 | 686.1 | 686.6  | 686.4 | 686.0 | 685.7 | 685.3 | 684.9 | 684.7 | 684.4 |
| 157.5° | 695.2 | 696.1 | 697.1 | 697.6  | 697.4 | 697.0 | 696.7 | 696.3 | 695.9 | 695.9 | 695.9 |
| 160°   | 705.6 | 706.5 | 707.5 | 708.0  | 707.8 | 707.3 | 706.8 | 706.3 | 705.8 | 705.7 | 705.6 |
| 162.5° | 715.2 | 716.3 | 717.4 | 717.9  | 717.5 | 716.8 | 716.1 | 715.3 | 714.6 | 714.5 | 714.4 |
| 165°   | 723.2 | 724.1 | 725.1 | 725.6  | 725.2 | 724.5 | 723.8 | 723.0 | 722.3 | 722.2 | 722.1 |
| 167.5° | 729.5 | 730.6 | 731.7 | 732.2  | 731.8 | 730.9 | 730.1 | 729.2 | 728.4 | 728.3 | 728.1 |
| 170°   | 734.4 | 735.5 | 736.6 | 737.2  | 736.7 | 735.7 | 734.8 | 733.8 | 732.8 | 732.7 | 732.5 |
| 172.5° | 737.7 | 738.8 | 739.9 | 740.5  | 740.1 | 739.2 | 738.3 | 737.5 | 736.6 | 736.4 | 736.1 |
| 175°   | 740.5 | 741.6 | 742.7 | 743.2  | 742.7 | 741.7 | 740.8 | 739.8 | 738.8 | 738.7 | 738.6 |
| 177.5° | 741.9 | 742.8 | 743.8 | 744.3  | 743.9 | 743.0 | 742.2 | 741.3 | 740.5 | 740.4 | 740.2 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6 | 509.6  | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 524.3 | 522.1 | 519.5  | 519.5 | 516.5 | 515.2 | 512.6 | 511.8 | 509.6 | 506.1 | 503.5 |
| 5°     | 542.9 | 537.3 | 533.8  | 530.8 | 524.3 | 519.5 | 514.8 | 509.6 | 504.4 | 498.3 | 491.4 |
| 7.5°   | 561.1 | 550.7 | 545.9  | 540.7 | 531.2 | 521.3 | 511.8 | 504.8 | 497.9 | 488.4 | 479.7 |
| 10°    | 580.1 | 567.1 | 558.5  | 551.6 | 536.8 | 524.3 | 510.5 | 500.5 | 489.7 | 477.6 | 466.3 |
| 12.5°  | 596.1 | 579.2 | 571.9  | 558.9 | 542.0 | 526.9 | 509.6 | 494.5 | 480.2 | 465.9 | 452.1 |
| 15°    | 609.5 | 593.5 | 575.3  | 570.2 | 546.8 | 525.2 | 505.7 | 486.2 | 468.5 | 454.2 | 438.2 |
| 17.5°  | 613.8 | 593.5 | 584.4  | 571.9 | 544.2 | 521.7 | 497.0 | 475.9 | 459.0 | 437.8 | 425.2 |
| 20°    | 615.1 | 595.7 | 583.1  | 571.5 | 546.8 | 516.9 | 492.7 | 466.8 | 446.4 | 425.2 | 405.3 |
| 22.5°  | 611.7 | 588.8 | 576.6  | 565.4 | 537.7 | 512.2 | 484.1 | 455.5 | 431.7 | 412.3 | 392.4 |
| 25°    | 605.2 | 578.4 | 566.7  | 554.6 | 528.2 | 500.1 | 469.4 | 442.1 | 420.0 | 396.7 | 377.2 |
| 27.5°  | 596.5 | 565.8 | 552.4  | 539.9 | 513.9 | 487.5 | 458.5 | 430.4 | 405.8 | 381.1 | 362.9 |
| 30°    | 585.7 | 550.3 | 538.1  | 521.7 | 496.6 | 471.5 | 445.1 | 417.0 | 389.3 | 366.0 | 346.1 |
| 32.5°  | 571.9 | 534.7 | 518.7  | 503.1 | 475.9 | 452.9 | 427.8 | 401.4 | 374.6 | 351.7 | 330.9 |
| 35°    | 559.3 | 516.9 | 499.2  | 483.6 | 453.4 | 429.1 | 408.4 | 383.7 | 359.9 | 336.1 | 317.5 |
| 37.5°  | 542.5 | 499.2 | 478.0  | 462.0 | 431.3 | 406.6 | 387.2 | 368.1 | 343.0 | 320.1 | 302.8 |
| 40°    | 524.7 | 477.1 | 457.3  | 441.2 | 409.2 | 382.4 | 363.8 | 346.9 | 326.6 | 305.4 | 287.2 |
| 42.5°  | 508.7 | 456.0 | 434.8  | 415.3 | 382.8 | 359.1 | 340.0 | 327.0 | 308.4 | 289.4 | 273.0 |
| 45°    | 488.4 | 433.5 | 410.5  | 390.2 | 359.1 | 333.1 | 314.9 | 304.5 | 290.7 | 272.1 | 257.8 |
| 47.5°  | 467.6 | 409.2 | 385.4  | 365.5 | 331.8 | 308.9 | 291.1 | 281.2 | 271.7 | 257.0 | 242.7 |
| 50°    | 440.4 | 383.7 | 362.1  | 339.2 | 305.8 | 282.5 | 267.8 | 257.8 | 250.5 | 240.1 | 228.0 |
| 52.5°  | 410.5 | 357.3 | 334.0  | 314.1 | 281.2 | 260.0 | 243.1 | 237.5 | 230.1 | 222.4 | 212.0 |
| 55°    | 379.0 | 328.8 | 306.3  | 286.8 | 256.5 | 234.9 | 221.1 | 215.0 | 209.4 | 203.3 | 196.4 |
| 57.5°  | 347.4 | 298.9 | 277.7  | 260.4 | 232.3 | 211.5 | 200.3 | 192.1 | 188.2 | 184.7 | 179.1 |
| 60°    | 308.0 | 266.9 | 250.5  | 234.9 | 207.2 | 188.2 | 177.4 | 171.3 | 167.8 | 166.1 | 163.5 |
| 62.5°  | 273.4 | 239.7 | 221.5  | 206.3 | 184.3 | 167.4 | 157.0 | 152.3 | 149.2 | 148.4 | 145.4 |
| 65°    | 236.6 | 207.6 | 193.4  | 180.4 | 161.4 | 146.2 | 137.6 | 131.9 | 129.8 | 129.3 | 129.3 |
| 67.5°  | 202.0 | 178.7 | 164.4  | 155.3 | 138.9 | 125.5 | 117.2 | 115.1 | 113.8 | 112.0 | 111.6 |
| 70°    | 169.6 | 151.0 | 138.4  | 130.6 | 115.9 | 106.0 | 99.5  | 96.0  | 96.0  | 94.7  | 93.9  |
| 72.5°  | 141.0 | 122.4 | 114.2  | 107.7 | 95.6  | 87.0  | 82.2  | 81.3  | 78.3  | 77.9  | 77.9  |
| 75°    | 110.3 | 96.5  | 90.8   | 85.2  | 76.1  | 70.1  | 66.2  | 64.0  | 62.3  | 62.3  | 62.7  |
| 77.5°  | 83.1  | 73.5  | 68.3   | 64.0  | 57.5  | 53.6  | 50.6  | 49.7  | 48.0  | 48.0  | 48.0  |
| 80°    | 58.8  | 53.6  | 49.7   | 46.3  | 41.5  | 38.1  | 36.3  | 34.6  | 34.6  | 34.2  | 34.6  |
| 82.5°  | 38.1  | 33.7  | 31.6   | 31.1  | 26.8  | 25.5  | 23.4  | 23.8  | 22.5  | 22.1  | 22.9  |
| 85°    | 22.1  | 19.9  | 17.3   | 16.4  | 14.7  | 13.0  | 12.1  | 12.5  | 12.1  | 11.7  | 12.1  |
| 87.5°  | 8.7   | 7.4   | 6.9    | 6.9   | 5.6   | 5.2   | 4.8   | 5.2   | 4.3   | 4.3   | 4.8   |
| 90°    | 6.2   | 5.3   | 4.9    | 4.4   | 3.4   | 2.5   | 1.5   | 0.5   | 1.5   | 2.5   | 3.4   |
| 92.5°  | 6.6   | 5.9   | 5.5    | 6.0   | 7.1   | 8.2   | 9.3   | 10.4  | 9.3   | 8.2   | 7.1   |
| 95°    | 22.7  | 27.4  | 29.7   | 29.9  | 30.2  | 30.6  | 30.9  | 31.3  | 30.9  | 30.6  | 30.2  |
| 97.5°  | 44.7  | 56.3  | 62.1   | 61.7  | 61.0  | 60.3  | 59.5  | 58.8  | 59.5  | 60.3  | 61.0  |
| 100°   | 94.2  | 93.7  | 93.5   | 93.3  | 92.9  | 92.6  | 92.2  | 91.8  | 92.2  | 92.6  | 92.9  |
| 102.5° | 127.9 | 127.6 | 127.5  | 127.3 | 126.8 | 126.3 | 125.8 | 125.3 | 125.8 | 126.3 | 126.8 |
| 105°   | 163.8 | 163.8 | 163.8  | 163.6 | 163.1 | 162.6 | 162.1 | 161.6 | 162.1 | 162.6 | 163.1 |
| 107.5° | 199.4 | 199.1 | 199.0  | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 | 199.0 |
| 110°   | 235.7 | 235.4 | 235.3  | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 271.2 | 271.1 | 271.0  | 270.8 | 270.5 | 270.1 | 269.8 | 269.4 | 269.8 | 270.1 | 270.5 |
| 115°   | 306.4 | 306.3 | 306.2  | 305.9 | 305.3 | 304.6 | 304.0 | 303.4 | 304.0 | 304.6 | 305.3 |
| 117.5° | 339.9 | 339.4 | 339.2  | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 | 339.2 |
| 120°   | 372.2 | 371.8 | 371.6  | 371.7 | 371.8 | 371.9 | 372.1 | 372.2 | 372.1 | 371.9 | 371.8 |
| 122.5° | 404.2 | 404.1 | 404.0  | 403.7 | 403.1 | 402.5 | 401.9 | 401.3 | 401.9 | 402.5 | 403.1 |
| 125°   | 435.4 | 435.4 | 435.4  | 435.0 | 434.1 | 433.2 | 432.4 | 431.5 | 432.4 | 433.2 | 434.1 |
| 127.5° | 463.2 | 463.3 | 463.4  | 463.1 | 462.5 | 461.9 | 461.3 | 460.7 | 461.3 | 461.9 | 462.5 |
| 130°   | 490.0 | 489.9 | 489.8  | 489.5 | 488.9 | 488.2 | 487.6 | 487.0 | 487.6 | 488.2 | 488.9 |
| 132.5° | 516.2 | 516.5 | 516.7  | 516.3 | 515.6 | 514.9 | 514.1 | 513.4 | 514.1 | 514.9 | 515.6 |
| 135°   | 541.1 | 541.4 | 541.5  | 541.1 | 540.4 | 539.7 | 538.9 | 538.2 | 538.9 | 539.7 | 540.4 |
| 137.5° | 564.1 | 564.4 | 564.5  | 564.1 | 563.4 | 562.7 | 562.0 | 561.3 | 562.0 | 562.7 | 563.4 |
| 140°   | 584.7 | 584.8 | 584.9  | 584.8 | 584.5 | 584.3 | 584.0 | 583.8 | 584.0 | 584.3 | 584.5 |
| 142.5° | 605.1 | 604.8 | 604.7  | 604.6 | 604.5 | 604.4 | 604.2 | 604.1 | 604.2 | 604.4 | 604.5 |
| 145°   | 625.0 | 625.0 | 625.0  | 624.9 | 624.6 | 624.4 | 624.1 | 623.9 | 624.1 | 624.4 | 624.6 |
| 147.5° | 641.7 | 641.6 | 641.5  | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 | 641.5 |
| 150°   | 657.3 | 657.0 | 656.9  | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 | 657.8 | 657.5 | 657.3 |
| 152.5° | 671.6 | 671.3 | 671.2  | 671.5 | 672.1 | 672.7 | 673.3 | 673.9 | 673.3 | 672.7 | 672.1 |
| 155°   | 684.2 | 683.9 | 683.8  | 684.2 | 684.9 | 685.6 | 686.4 | 687.1 | 686.4 | 685.6 | 684.9 |
| 157.5° | 695.9 | 695.9 | 695.9  | 696.1 | 696.5 | 696.8 | 697.2 | 697.6 | 697.2 | 696.8 | 696.5 |
| 160°   | 705.5 | 705.4 | 705.3  | 705.7 | 706.4 | 707.1 | 707.9 | 708.6 | 707.9 | 707.1 | 706.4 |
| 162.5° | 714.3 | 714.2 | 714.1  | 714.5 | 715.2 | 715.9 | 716.7 | 717.4 | 716.7 | 715.9 | 715.2 |
| 165°   | 722.0 | 721.9 | 721.8  | 722.2 | 722.9 | 723.6 | 724.4 | 725.1 | 724.4 | 723.6 | 722.9 |
| 167.5° | 728.0 | 727.9 | 727.8  | 728.2 | 728.9 | 729.6 | 730.4 | 731.1 | 730.4 | 729.6 | 728.9 |
| 170°   | 732.4 | 732.3 | 732.2  | 732.6 | 733.5 | 734.4 | 735.2 | 736.1 | 735.2 | 734.4 | 733.5 |
| 172.5° | 735.9 | 735.6 | 735.5  | 735.9 | 736.8 | 737.7 | 738.5 | 739.4 | 738.5 | 737.7 | 736.8 |
| 175°   | 738.5 | 738.4 | 738.3  | 738.7 | 739.4 | 740.1 | 740.9 | 741.6 | 740.9 | 740.1 | 739.4 |
| 177.5° | 740.1 | 740.0 | 739.9  | 740.3 | 741.0 | 741.7 | 742.5 | 743.2 | 742.5 | 741.7 | 741.0 |
| 180°   | 741.6 | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6  | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 502.7 | 501.8  | 499.6 | 498.3 | 494.0 | 488.8 | 487.1 | 482.8 | 484.5 | 481.5 | 481.5 |
| 5°     | 489.3 | 485.4  | 482.8 | 478.9 | 470.7 | 465.0 | 459.0 | 456.0 | 454.2 | 452.1 | 450.3 |
| 7.5°   | 472.0 | 468.9  | 466.3 | 459.0 | 449.9 | 442.1 | 434.8 | 431.7 | 426.1 | 422.2 | 420.5 |
| 10°    | 456.8 | 452.5  | 446.4 | 437.8 | 428.3 | 418.3 | 411.8 | 405.3 | 401.0 | 398.9 | 394.1 |
| 12.5°  | 441.2 | 436.1  | 429.6 | 417.0 | 406.6 | 400.6 | 388.9 | 382.8 | 380.7 | 379.0 | 373.3 |
| 15°    | 425.2 | 419.6  | 411.8 | 400.1 | 391.1 | 376.8 | 369.9 | 365.1 | 359.9 | 359.5 | 355.2 |
| 17.5°  | 411.0 | 404.0  | 397.6 | 383.3 | 372.0 | 359.5 | 355.6 | 350.4 | 345.6 | 340.5 | 338.3 |
| 20°    | 392.8 | 386.3  | 381.5 | 366.0 | 353.4 | 345.6 | 339.2 | 334.8 | 331.8 | 326.6 | 325.7 |
| 22.5°  | 376.4 | 369.4  | 362.9 | 351.3 | 340.5 | 330.5 | 322.7 | 318.0 | 316.7 | 314.5 | 310.6 |
| 25°    | 360.3 | 353.4  | 345.6 | 334.8 | 323.6 | 316.7 | 309.7 | 306.7 | 304.1 | 300.7 | 297.6 |
| 27.5°  | 346.9 | 340.5  | 333.1 | 319.7 | 310.2 | 305.0 | 297.6 | 294.2 | 290.7 | 289.0 | 287.7 |
| 30°    | 330.9 | 323.6  | 318.0 | 307.6 | 297.2 | 290.3 | 285.1 | 282.1 | 279.0 | 277.3 | 276.4 |
| 32.5°  | 315.4 | 308.4  | 304.5 | 293.3 | 285.1 | 276.9 | 273.0 | 270.8 | 269.1 | 267.3 | 265.6 |
| 35°    | 302.8 | 295.9  | 289.8 | 279.5 | 271.2 | 265.6 | 262.6 | 259.1 | 257.8 | 256.1 | 256.1 |
| 37.5°  | 287.2 | 282.1  | 276.0 | 266.0 | 258.7 | 254.4 | 251.8 | 247.4 | 247.0 | 246.1 | 244.8 |
| 40°    | 273.8 | 268.6  | 263.0 | 254.4 | 247.9 | 242.7 | 239.2 | 237.1 | 235.8 | 234.9 | 234.0 |
| 42.5°  | 259.6 | 253.9  | 251.3 | 241.4 | 235.8 | 230.6 | 228.8 | 226.7 | 226.2 | 224.5 | 222.4 |
| 45°    | 245.7 | 241.0  | 235.8 | 228.4 | 223.7 | 219.3 | 216.7 | 215.0 | 212.8 | 212.4 | 211.1 |
| 47.5°  | 233.6 | 228.0  | 223.2 | 216.3 | 211.1 | 207.6 | 205.5 | 203.3 | 201.6 | 200.3 | 199.0 |
| 50°    | 218.0 | 213.7  | 209.8 | 202.5 | 198.1 | 194.7 | 191.6 | 189.9 | 188.2 | 188.2 | 188.2 |
| 52.5°  | 202.9 | 199.0  | 195.5 | 190.3 | 185.1 | 182.1 | 178.7 | 177.4 | 176.5 | 175.2 | 176.5 |
| 55°    | 188.2 | 184.3  | 180.8 | 176.9 | 170.9 | 168.3 | 164.8 | 163.5 | 164.0 | 164.0 | 165.3 |
| 57.5°  | 172.6 | 169.6  | 167.4 | 162.7 | 157.0 | 154.4 | 152.3 | 151.0 | 151.0 | 152.7 | 153.1 |
| 60°    | 157.5 | 154.4  | 150.5 | 146.2 | 142.8 | 139.7 | 138.4 | 138.9 | 138.9 | 139.7 | 141.9 |
| 62.5°  | 140.6 | 138.9  | 136.7 | 130.6 | 128.5 | 126.3 | 124.6 | 125.9 | 125.5 | 127.6 | 130.6 |
| 65°    | 125.0 | 123.3  | 120.3 | 117.2 | 114.6 | 112.5 | 112.0 | 112.5 | 113.3 | 115.5 | 119.0 |
| 67.5°  | 107.7 | 107.7  | 105.1 | 102.5 | 100.4 | 98.2  | 98.6  | 99.1  | 99.9  | 102.5 | 107.7 |
| 70°    | 93.4  | 91.7   | 89.1  | 87.4  | 85.7  | 84.8  | 83.9  | 85.7  | 88.2  | 90.0  | 93.9  |
| 72.5°  | 77.9  | 76.6   | 74.4  | 72.7  | 72.2  | 71.4  | 70.9  | 71.8  | 74.4  | 77.4  | 81.8  |
| 75°    | 61.4  | 61.9   | 60.6  | 59.3  | 59.3  | 58.0  | 58.8  | 58.8  | 61.4  | 64.5  | 67.9  |
| 77.5°  | 47.6  | 47.2   | 46.7  | 45.9  | 45.4  | 45.4  | 45.4  | 46.3  | 48.9  | 50.6  | 54.1  |
| 80°    | 33.7  | 34.2   | 32.9  | 33.3  | 32.9  | 33.3  | 33.3  | 35.0  | 36.3  | 38.5  | 41.1  |
| 82.5°  | 22.5  | 22.5   | 21.6  | 22.1  | 22.1  | 22.1  | 22.5  | 23.4  | 25.1  | 26.8  | 28.6  |
| 85°    | 12.5  | 13.0   | 12.1  | 13.0  | 13.0  | 13.0  | 13.4  | 13.8  | 15.1  | 15.6  | 17.3  |
| 87.5°  | 4.8   | 5.6    | 5.6   | 4.8   | 5.2   | 5.6   | 6.1   | 5.6   | 6.5   | 7.4   | 7.8   |
| 90°    | 4.4   | 4.9    | 5.3   | 6.2   | 7.1   | 7.9   | 8.8   | 9.4   | 10.0  | 10.6  | 11.2  |
| 92.5°  | 6.0   | 5.5    | 5.9   | 6.6   | 7.3   | 8.1   | 8.8   | 9.4   | 10.0  | 10.6  | 11.2  |
| 95°    | 29.9  | 29.7   | 27.4  | 22.7  | 18.1  | 13.4  | 8.8   | 9.4   | 10.0  | 10.6  | 11.2  |
| 97.5°  | 61.7  | 62.1   | 56.3  | 44.7  | 33.1  | 21.5  | 9.9   | 10.1  | 10.4  | 10.6  | 10.9  |
| 100°   | 93.3  | 93.5   | 93.7  | 94.2  | 94.7  | 95.1  | 95.6  | 77.4  | 59.2  | 41.0  | 22.8  |
| 102.5° | 127.3 | 127.5  | 127.6 | 127.9 | 128.1 | 128.4 | 128.6 | 128.8 | 129.1 | 129.3 | 129.6 |
| 105°   | 163.6 | 163.8  | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |
| 107.5° | 199.0 | 199.0  | 199.1 | 199.4 | 199.6 | 199.9 | 200.1 | 200.2 | 200.3 | 200.4 | 200.5 |
| 110°   | 235.3 | 235.3  | 235.4 | 235.7 | 235.9 | 236.2 | 236.4 | 236.0 | 235.6 | 235.3 | 234.9 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 270.8 | 271.0  | 271.1 | 271.2 | 271.3 | 271.5 | 271.6 | 271.1 | 270.6 | 270.1 | 269.6 |
| 115°   | 305.9 | 306.2  | 306.3 | 306.4 | 306.5 | 306.6 | 306.7 | 306.2 | 305.7 | 305.2 | 304.7 |
| 117.5° | 339.2 | 339.2  | 339.4 | 339.9 | 340.4 | 340.9 | 341.4 | 340.7 | 339.9 | 339.2 | 338.5 |
| 120°   | 371.7 | 371.6  | 371.8 | 372.2 | 372.5 | 372.9 | 373.3 | 373.1 | 372.8 | 372.6 | 372.3 |
| 122.5° | 403.7 | 404.0  | 404.1 | 404.2 | 404.3 | 404.5 | 404.6 | 404.4 | 404.1 | 403.9 | 403.6 |
| 125°   | 435.0 | 435.4  | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 434.9 | 434.4 | 433.9 | 433.4 |
| 127.5° | 463.1 | 463.4  | 463.3 | 463.2 | 463.1 | 463.0 | 462.9 | 462.7 | 462.4 | 462.2 | 461.9 |
| 130°   | 489.5 | 489.8  | 489.9 | 490.0 | 490.1 | 490.2 | 490.3 | 489.9 | 489.6 | 489.2 | 488.9 |
| 132.5° | 516.3 | 516.7  | 516.5 | 516.2 | 515.8 | 515.5 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 |
| 135°   | 541.1 | 541.5  | 541.4 | 541.1 | 540.9 | 540.6 | 540.4 | 540.2 | 539.9 | 539.7 | 539.4 |
| 137.5° | 564.1 | 564.5  | 564.4 | 564.1 | 563.9 | 563.6 | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 |
| 140°   | 584.8 | 584.9  | 584.8 | 584.7 | 584.6 | 584.4 | 584.3 | 584.5 | 584.8 | 585.0 | 585.3 |
| 142.5° | 604.6 | 604.7  | 604.8 | 605.1 | 605.3 | 605.6 | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 |
| 145°   | 624.9 | 625.0  | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.1 | 625.3 | 625.4 | 625.5 |
| 147.5° | 641.5 | 641.5  | 641.6 | 641.7 | 641.8 | 642.0 | 642.1 | 642.2 | 642.3 | 642.4 | 642.5 |
| 150°   | 657.0 | 656.9  | 657.0 | 657.3 | 657.5 | 657.8 | 658.0 | 658.2 | 658.5 | 658.7 | 659.0 |
| 152.5° | 671.5 | 671.2  | 671.3 | 671.6 | 671.8 | 672.1 | 672.3 | 672.5 | 672.8 | 673.0 | 673.3 |
| 155°   | 684.2 | 683.8  | 683.9 | 684.2 | 684.4 | 684.7 | 684.9 | 685.3 | 685.7 | 686.0 | 686.4 |
| 157.5° | 696.1 | 695.9  | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 696.3 | 696.7 | 697.0 | 697.4 |
| 160°   | 705.7 | 705.3  | 705.4 | 705.5 | 705.6 | 705.7 | 705.8 | 706.3 | 706.8 | 707.3 | 707.8 |
| 162.5° | 714.5 | 714.1  | 714.2 | 714.3 | 714.4 | 714.5 | 714.6 | 715.3 | 716.1 | 716.8 | 717.5 |
| 165°   | 722.2 | 721.8  | 721.9 | 722.0 | 722.1 | 722.2 | 722.3 | 723.0 | 723.8 | 724.5 | 725.2 |
| 167.5° | 728.2 | 727.8  | 727.9 | 728.0 | 728.1 | 728.3 | 728.4 | 729.2 | 730.1 | 730.9 | 731.8 |
| 170°   | 732.6 | 732.2  | 732.3 | 732.4 | 732.5 | 732.7 | 732.8 | 733.8 | 734.8 | 735.7 | 736.7 |
| 172.5° | 735.9 | 735.5  | 735.6 | 735.9 | 736.1 | 736.4 | 736.6 | 737.5 | 738.3 | 739.2 | 740.1 |
| 175°   | 738.7 | 738.3  | 738.4 | 738.5 | 738.6 | 738.7 | 738.8 | 739.8 | 740.8 | 741.7 | 742.7 |
| 177.5° | 740.3 | 739.9  | 740.0 | 740.1 | 740.2 | 740.4 | 740.5 | 741.3 | 742.2 | 743.0 | 743.9 |
| 180°   | 741.6 | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 509.6  | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6  |
| 2.5°   | 483.2  | 480.2 | 479.7 | 480.6 | 478.9 | 481.5 | 480.6 | 481.5 | 479.3 | 481.5 | 480.2  |
| 5°     | 449.9  | 449.0 | 447.3 | 445.1 | 445.6 | 446.0 | 448.2 | 446.0 | 447.7 | 448.2 | 450.3  |
| 7.5°   | 418.7  | 417.0 | 418.3 | 417.5 | 413.6 | 412.7 | 413.6 | 414.9 | 417.5 | 419.2 | 420.5  |
| 10°    | 393.7  | 392.8 | 391.1 | 389.8 | 387.6 | 386.3 | 388.0 | 386.3 | 389.8 | 392.8 | 392.8  |
| 12.5°  | 374.6  | 371.2 | 369.0 | 368.6 | 363.8 | 364.7 | 366.4 | 367.7 | 371.6 | 373.3 | 373.3  |
| 15°    | 354.7  | 352.1 | 351.3 | 349.5 | 347.8 | 349.5 | 348.7 | 350.0 | 351.7 | 353.4 | 354.3  |
| 17.5°  | 337.4  | 337.0 | 337.4 | 333.1 | 334.4 | 332.2 | 332.7 | 334.8 | 333.5 | 334.8 | 337.4  |
| 20°    | 321.8  | 322.7 | 321.4 | 319.7 | 319.7 | 317.1 | 320.1 | 319.3 | 319.7 | 322.3 | 326.2  |
| 22.5°  | 310.2  | 309.7 | 308.4 | 307.1 | 305.4 | 305.8 | 306.3 | 305.4 | 308.9 | 311.0 | 311.5  |
| 25°    | 297.6  | 296.8 | 296.3 | 295.0 | 293.3 | 295.0 | 294.6 | 295.0 | 295.9 | 299.4 | 296.8  |
| 27.5°  | 285.9  | 284.2 | 285.1 | 283.8 | 283.3 | 283.8 | 283.8 | 284.2 | 285.1 | 285.5 | 285.9  |
| 30°    | 276.0  | 274.3 | 273.8 | 273.0 | 272.5 | 273.0 | 273.8 | 273.0 | 276.4 | 276.0 | 276.0  |
| 32.5°  | 265.2  | 263.9 | 263.0 | 263.0 | 262.6 | 262.2 | 262.6 | 263.0 | 265.6 | 263.9 | 265.6  |
| 35°    | 254.8  | 253.9 | 253.9 | 253.1 | 252.6 | 252.6 | 252.6 | 254.4 | 253.5 | 254.8 | 254.8  |
| 37.5°  | 244.8  | 244.8 | 244.4 | 243.5 | 243.1 | 243.5 | 243.1 | 244.0 | 243.5 | 244.0 | 244.4  |
| 40°    | 234.5  | 233.6 | 233.2 | 233.2 | 231.9 | 230.6 | 231.9 | 231.9 | 232.3 | 233.6 | 234.0  |
| 42.5°  | 221.9  | 222.4 | 222.4 | 220.6 | 220.6 | 220.6 | 221.1 | 221.5 | 221.5 | 222.4 | 222.4  |
| 45°    | 211.1  | 210.2 | 210.2 | 210.2 | 209.4 | 209.8 | 210.7 | 210.7 | 210.7 | 210.7 | 209.8  |
| 47.5°  | 199.0  | 199.0 | 199.4 | 199.4 | 200.7 | 200.3 | 200.3 | 199.9 | 199.0 | 199.0 | 199.4  |
| 50°    | 187.7  | 189.0 | 189.5 | 189.5 | 189.9 | 190.3 | 190.3 | 189.5 | 189.0 | 187.7 | 187.7  |
| 52.5°  | 176.9  | 177.8 | 178.7 | 180.0 | 180.8 | 180.4 | 180.4 | 179.5 | 177.8 | 177.4 | 176.9  |
| 55°    | 165.3  | 166.5 | 168.3 | 169.6 | 170.9 | 171.3 | 171.3 | 169.6 | 167.8 | 165.7 | 165.7  |
| 57.5°  | 154.4  | 155.7 | 158.8 | 160.1 | 161.8 | 161.8 | 160.9 | 159.6 | 157.0 | 155.3 | 154.0  |
| 60°    | 143.6  | 145.8 | 147.9 | 150.5 | 152.7 | 153.1 | 151.8 | 150.1 | 147.1 | 144.9 | 143.2  |
| 62.5°  | 131.9  | 134.1 | 138.4 | 141.0 | 142.8 | 142.8 | 142.8 | 140.6 | 136.7 | 133.7 | 131.1  |
| 65°    | 120.7  | 122.9 | 126.7 | 130.2 | 131.5 | 132.8 | 131.5 | 129.3 | 126.3 | 122.9 | 120.3  |
| 67.5°  | 109.0  | 111.6 | 115.5 | 118.1 | 119.8 | 121.1 | 120.3 | 118.5 | 114.6 | 109.9 | 108.1  |
| 70°    | 96.0   | 97.3  | 103.0 | 105.6 | 108.1 | 109.0 | 108.1 | 105.6 | 101.7 | 96.5  | 94.7   |
| 72.5°  | 83.9   | 85.2  | 90.4  | 92.6  | 94.7  | 95.6  | 94.3  | 92.6  | 89.1  | 84.4  | 82.2   |
| 75°    | 70.1   | 72.2  | 74.8  | 78.3  | 80.9  | 81.8  | 80.5  | 79.2  | 74.8  | 71.8  | 70.1   |
| 77.5°  | 55.4   | 57.5  | 61.0  | 64.0  | 66.6  | 66.2  | 64.5  | 64.9  | 60.1  | 56.7  | 55.4   |
| 80°    | 42.0   | 43.7  | 46.3  | 48.9  | 50.2  | 50.2  | 49.7  | 48.0  | 46.3  | 43.7  | 41.5   |
| 82.5°  | 29.0   | 31.1  | 33.3  | 35.0  | 35.0  | 35.5  | 34.6  | 34.2  | 32.4  | 30.3  | 29.8   |
| 85°    | 17.3   | 17.7  | 19.5  | 19.5  | 21.2  | 20.3  | 19.9  | 21.2  | 19.5  | 18.2  | 17.7   |
| 87.5°  | 7.8    | 7.4   | 7.8   | 7.8   | 7.4   | 8.2   | 8.2   | 7.8   | 8.2   | 7.8   | 7.8    |
| 90°    | 11.5   | 11.7  | 12.1  | 12.4  | 12.8  | 13.2  | 12.8  | 12.4  | 12.1  | 11.7  | 11.5   |
| 92.5°  | 11.5   | 11.6  | 11.7  | 11.8  | 12.0  | 12.1  | 12.0  | 11.8  | 11.7  | 11.6  | 11.5   |
| 95°    | 11.5   | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5   |
| 97.5°  | 11.0   | 11.1  | 11.2  | 11.3  | 11.4  | 11.5  | 11.4  | 11.3  | 11.2  | 11.1  | 11.0   |
| 100°   | 13.7   | 13.5  | 13.0  | 12.5  | 12.0  | 11.5  | 12.0  | 12.5  | 13.0  | 13.5  | 13.7   |
| 102.5° | 129.7  | 124.6 | 114.3 | 104.1 | 93.8  | 83.6  | 93.8  | 104.1 | 114.3 | 124.6 | 129.7  |
| 105°   | 163.8  | 163.7 | 163.6 | 163.5 | 163.4 | 163.3 | 163.4 | 163.5 | 163.6 | 163.7 | 163.8  |
| 107.5° | 200.6  | 200.4 | 199.9 | 199.4 | 198.9 | 198.4 | 198.9 | 199.4 | 199.9 | 200.4 | 200.6  |
| 110°   | 234.7  | 234.8 | 234.9 | 235.0 | 235.2 | 235.3 | 235.2 | 235.0 | 234.9 | 234.8 | 234.7  |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 269.4  | 269.3 | 269.0 | 268.8 | 268.5 | 268.3 | 268.5 | 268.8 | 269.0 | 269.3 | 269.4  |
| 115°   | 304.5  | 304.1 | 303.4 | 302.7 | 301.9 | 301.2 | 301.9 | 302.7 | 303.4 | 304.1 | 304.5  |
| 117.5° | 338.1  | 338.0 | 337.7 | 337.5 | 337.2 | 337.0 | 337.2 | 337.5 | 337.7 | 338.0 | 338.1  |
| 120°   | 372.2  | 371.9 | 371.3 | 370.6 | 370.0 | 369.4 | 370.0 | 370.6 | 371.3 | 371.9 | 372.2  |
| 122.5° | 403.5  | 403.1 | 402.4 | 401.7 | 400.9 | 400.2 | 400.9 | 401.7 | 402.4 | 403.1 | 403.5  |
| 125°   | 433.2  | 433.0 | 432.6 | 432.3 | 431.9 | 431.5 | 431.9 | 432.3 | 432.6 | 433.0 | 433.2  |
| 127.5° | 461.8  | 461.3 | 460.3 | 459.4 | 458.4 | 457.4 | 458.4 | 459.4 | 460.3 | 461.3 | 461.8  |
| 130°   | 488.7  | 488.4 | 487.8 | 487.1 | 486.5 | 485.9 | 486.5 | 487.1 | 487.8 | 488.4 | 488.7  |
| 132.5° | 515.1  | 514.8 | 514.2 | 513.5 | 512.9 | 512.3 | 512.9 | 513.5 | 514.2 | 514.8 | 515.1  |
| 135°   | 539.3  | 538.9 | 538.2 | 537.5 | 536.7 | 536.0 | 536.7 | 537.5 | 538.2 | 538.9 | 539.3  |
| 137.5° | 563.4  | 563.1 | 562.5 | 561.9 | 561.3 | 560.7 | 561.3 | 561.9 | 562.5 | 563.1 | 563.4  |
| 140°   | 585.4  | 585.0 | 584.3 | 583.6 | 582.8 | 582.1 | 582.8 | 583.6 | 584.3 | 585.0 | 585.4  |
| 142.5° | 605.8  | 605.4 | 604.7 | 604.0 | 603.2 | 602.5 | 603.2 | 604.0 | 604.7 | 605.4 | 605.8  |
| 145°   | 625.6  | 625.2 | 624.5 | 623.8 | 623.0 | 622.3 | 623.0 | 623.8 | 624.5 | 625.2 | 625.6  |
| 147.5° | 642.6  | 642.2 | 641.3 | 640.5 | 639.6 | 638.8 | 639.6 | 640.5 | 641.3 | 642.2 | 642.6  |
| 150°   | 659.1  | 658.6 | 657.6 | 656.7 | 655.7 | 654.7 | 655.7 | 656.7 | 657.6 | 658.6 | 659.1  |
| 152.5° | 673.4  | 673.0 | 672.1 | 671.2 | 670.4 | 669.5 | 670.4 | 671.2 | 672.1 | 673.0 | 673.4  |
| 155°   | 686.6  | 686.1 | 685.1 | 684.2 | 683.2 | 682.2 | 683.2 | 684.2 | 685.1 | 686.1 | 686.6  |
| 157.5° | 697.6  | 697.1 | 696.1 | 695.2 | 694.2 | 693.2 | 694.2 | 695.2 | 696.1 | 697.1 | 697.6  |
| 160°   | 708.0  | 707.5 | 706.5 | 705.6 | 704.6 | 703.6 | 704.6 | 705.6 | 706.5 | 707.5 | 708.0  |
| 162.5° | 717.9  | 717.4 | 716.3 | 715.2 | 714.1 | 713.0 | 714.1 | 715.2 | 716.3 | 717.4 | 717.9  |
| 165°   | 725.6  | 725.1 | 724.1 | 723.2 | 722.2 | 721.2 | 722.2 | 723.2 | 724.1 | 725.1 | 725.6  |
| 167.5° | 732.2  | 731.7 | 730.6 | 729.5 | 728.4 | 727.3 | 728.4 | 729.5 | 730.6 | 731.7 | 732.2  |
| 170°   | 737.2  | 736.6 | 735.5 | 734.4 | 733.3 | 732.2 | 733.3 | 734.4 | 735.5 | 736.6 | 737.2  |
| 172.5° | 740.5  | 739.9 | 738.8 | 737.7 | 736.6 | 735.5 | 736.6 | 737.7 | 738.8 | 739.9 | 740.5  |
| 175°   | 743.2  | 742.7 | 741.6 | 740.5 | 739.4 | 738.3 | 739.4 | 740.5 | 741.6 | 742.7 | 743.2  |
| 177.5° | 744.3  | 743.8 | 742.8 | 741.9 | 740.9 | 739.9 | 740.9 | 741.9 | 742.8 | 743.8 | 744.3  |
| 180°   | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6  |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6 | 509.6  | 509.6 |
| 2.5°   | 484.1 | 481.5 | 484.5 | 480.6 | 481.5 | 486.2 | 485.8 | 490.1 | 492.7 | 492.3  | 494.5 |
| 5°     | 452.1 | 452.1 | 453.4 | 452.9 | 457.3 | 461.1 | 466.3 | 470.7 | 475.4 | 478.0  | 481.0 |
| 7.5°   | 420.5 | 424.8 | 425.7 | 427.8 | 433.0 | 439.5 | 444.7 | 451.2 | 458.1 | 462.9  | 466.3 |
| 10°    | 394.5 | 398.0 | 401.4 | 403.2 | 408.8 | 417.5 | 424.8 | 435.2 | 443.8 | 449.0  | 453.8 |
| 12.5°  | 371.6 | 375.5 | 377.2 | 385.0 | 388.9 | 394.5 | 404.9 | 416.2 | 425.7 | 431.3  | 435.2 |
| 15°    | 355.2 | 357.3 | 361.2 | 366.0 | 369.9 | 376.8 | 385.4 | 398.0 | 407.1 | 411.8  | 425.2 |
| 17.5°  | 341.3 | 343.9 | 346.1 | 348.2 | 354.3 | 361.6 | 369.9 | 380.7 | 392.4 | 400.6  | 407.5 |
| 20°    | 327.0 | 328.3 | 330.9 | 334.4 | 338.7 | 345.6 | 353.0 | 364.2 | 374.6 | 381.1  | 390.2 |
| 22.5°  | 310.2 | 314.1 | 316.7 | 319.3 | 324.0 | 331.8 | 338.7 | 346.9 | 359.9 | 367.3  | 376.8 |
| 25°    | 300.2 | 301.9 | 303.7 | 306.7 | 310.2 | 317.1 | 324.9 | 333.5 | 343.9 | 351.7  | 359.9 |
| 27.5°  | 287.2 | 289.8 | 292.0 | 295.9 | 298.1 | 303.7 | 311.0 | 319.7 | 332.2 | 338.7  | 345.6 |
| 30°    | 276.4 | 279.0 | 280.8 | 282.5 | 285.5 | 291.6 | 298.5 | 305.4 | 317.1 | 325.3  | 332.2 |
| 32.5°  | 265.6 | 268.2 | 270.4 | 271.7 | 274.7 | 278.6 | 284.2 | 292.9 | 302.8 | 308.4  | 317.5 |
| 35°    | 256.1 | 256.1 | 258.7 | 260.4 | 263.0 | 266.5 | 271.7 | 278.2 | 288.5 | 295.9  | 304.1 |
| 37.5°  | 245.3 | 245.7 | 247.9 | 249.2 | 251.8 | 255.2 | 260.4 | 266.5 | 275.1 | 280.8  | 289.0 |
| 40°    | 234.0 | 235.3 | 236.2 | 238.4 | 241.4 | 242.7 | 247.9 | 254.8 | 263.4 | 268.6  | 275.6 |
| 42.5°  | 222.8 | 223.7 | 225.8 | 227.5 | 230.1 | 232.3 | 235.8 | 242.3 | 248.7 | 256.5  | 262.2 |
| 45°    | 210.2 | 212.4 | 213.7 | 216.7 | 218.0 | 220.2 | 223.7 | 228.8 | 236.6 | 241.4  | 247.9 |
| 47.5°  | 199.4 | 200.3 | 201.2 | 205.0 | 207.6 | 208.9 | 212.4 | 215.4 | 223.7 | 228.0  | 234.0 |
| 50°    | 187.7 | 187.7 | 189.0 | 190.8 | 193.8 | 196.4 | 199.4 | 202.9 | 209.4 | 213.7  | 219.8 |
| 52.5°  | 176.9 | 175.6 | 176.5 | 177.4 | 180.4 | 183.0 | 186.0 | 190.8 | 196.8 | 199.4  | 204.6 |
| 55°    | 165.3 | 163.1 | 164.4 | 165.7 | 166.5 | 170.0 | 173.5 | 176.5 | 181.3 | 185.1  | 189.9 |
| 57.5°  | 152.7 | 152.3 | 151.4 | 151.8 | 154.0 | 156.2 | 158.8 | 162.7 | 168.3 | 171.3  | 173.9 |
| 60°    | 141.5 | 138.9 | 138.0 | 138.9 | 140.2 | 141.5 | 144.9 | 148.4 | 153.1 | 156.2  | 159.2 |
| 62.5°  | 129.8 | 127.2 | 125.5 | 124.2 | 125.5 | 128.5 | 130.6 | 133.2 | 137.1 | 140.6  | 143.2 |
| 65°    | 118.5 | 114.6 | 112.9 | 112.0 | 111.6 | 113.8 | 115.5 | 119.0 | 122.4 | 123.7  | 126.7 |
| 67.5°  | 106.0 | 102.5 | 100.4 | 99.1  | 99.1  | 99.1  | 100.8 | 104.3 | 107.7 | 108.1  | 111.2 |
| 70°    | 93.4  | 89.5  | 87.4  | 85.7  | 84.8  | 85.7  | 87.8  | 88.2  | 91.3  | 92.1   | 93.9  |
| 72.5°  | 80.0  | 76.6  | 74.0  | 71.8  | 72.2  | 73.1  | 73.1  | 74.0  | 75.7  | 77.9   | 77.9  |
| 75°    | 67.5  | 62.7  | 61.4  | 59.7  | 58.8  | 58.8  | 58.8  | 60.6  | 61.9  | 63.6   | 63.2  |
| 77.5°  | 53.2  | 50.6  | 48.0  | 47.2  | 45.9  | 45.4  | 46.3  | 46.3  | 47.2  | 48.5   | 48.9  |
| 80°    | 41.1  | 38.1  | 36.3  | 35.5  | 33.7  | 33.3  | 33.7  | 33.7  | 35.0  | 34.6   | 35.0  |
| 82.5°  | 28.6  | 26.4  | 25.1  | 23.8  | 22.9  | 23.4  | 22.9  | 22.9  | 23.4  | 22.9   | 22.9  |
| 85°    | 16.4  | 16.0  | 15.1  | 14.7  | 14.3  | 13.4  | 14.3  | 13.8  | 13.4  | 13.0   | 13.8  |
| 87.5°  | 7.8   | 7.4   | 7.4   | 6.5   | 6.5   | 6.1   | 6.5   | 6.5   | 6.1   | 6.1    | 6.1   |
| 90°    | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 7.9   | 7.1   | 6.2   | 5.3   | 4.9    | 4.4   |
| 92.5°  | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 8.1   | 7.3   | 6.6   | 5.9   | 5.5    | 6.0   |
| 95°    | 11.2  | 10.6  | 10.0  | 9.4   | 8.8   | 13.4  | 18.1  | 22.7  | 27.4  | 29.7   | 29.9  |
| 97.5°  | 10.9  | 10.6  | 10.4  | 10.1  | 9.9   | 21.5  | 33.1  | 44.7  | 56.3  | 62.1   | 61.7  |
| 100°   | 22.8  | 41.0  | 59.2  | 77.4  | 95.6  | 95.1  | 94.7  | 94.2  | 93.7  | 93.5   | 93.3  |
| 102.5° | 129.6 | 129.3 | 129.1 | 128.8 | 128.6 | 128.4 | 128.1 | 127.9 | 127.6 | 127.5  | 127.3 |
| 105°   | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8  | 163.6 |
| 107.5° | 200.5 | 200.4 | 200.3 | 200.2 | 200.1 | 199.9 | 199.6 | 199.4 | 199.1 | 199.0  | 199.0 |
| 110°   | 234.9 | 235.3 | 235.6 | 236.0 | 236.4 | 236.2 | 235.9 | 235.7 | 235.4 | 235.3  | 235.3 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 269.6 | 270.1 | 270.6 | 271.1 | 271.6 | 271.5 | 271.3 | 271.2 | 271.1 | 271.0  | 270.8 |
| 115°   | 304.7 | 305.2 | 305.7 | 306.2 | 306.7 | 306.6 | 306.5 | 306.4 | 306.3 | 306.2  | 305.9 |
| 117.5° | 338.5 | 339.2 | 339.9 | 340.7 | 341.4 | 340.9 | 340.4 | 339.9 | 339.4 | 339.2  | 339.2 |
| 120°   | 372.3 | 372.6 | 372.8 | 373.1 | 373.3 | 372.9 | 372.5 | 372.2 | 371.8 | 371.6  | 371.7 |
| 122.5° | 403.6 | 403.9 | 404.1 | 404.4 | 404.6 | 404.5 | 404.3 | 404.2 | 404.1 | 404.0  | 403.7 |
| 125°   | 433.4 | 433.9 | 434.4 | 434.9 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4  | 435.0 |
| 127.5° | 461.9 | 462.2 | 462.4 | 462.7 | 462.9 | 463.0 | 463.1 | 463.2 | 463.3 | 463.4  | 463.1 |
| 130°   | 488.9 | 489.2 | 489.6 | 489.9 | 490.3 | 490.2 | 490.1 | 490.0 | 489.9 | 489.8  | 489.5 |
| 132.5° | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.5 | 515.8 | 516.2 | 516.5 | 516.7  | 516.3 |
| 135°   | 539.4 | 539.7 | 539.9 | 540.2 | 540.4 | 540.6 | 540.9 | 541.1 | 541.4 | 541.5  | 541.1 |
| 137.5° | 563.4 | 563.4 | 563.4 | 563.4 | 563.4 | 563.6 | 563.9 | 564.1 | 564.4 | 564.5  | 564.1 |
| 140°   | 585.3 | 585.0 | 584.8 | 584.5 | 584.3 | 584.4 | 584.6 | 584.7 | 584.8 | 584.9  | 584.8 |
| 142.5° | 605.8 | 605.8 | 605.8 | 605.8 | 605.8 | 605.6 | 605.3 | 605.1 | 604.8 | 604.7  | 604.6 |
| 145°   | 625.5 | 625.4 | 625.3 | 625.1 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0 | 625.0  | 624.9 |
| 147.5° | 642.5 | 642.4 | 642.3 | 642.2 | 642.1 | 642.0 | 641.8 | 641.7 | 641.6 | 641.5  | 641.5 |
| 150°   | 659.0 | 658.7 | 658.5 | 658.2 | 658.0 | 657.8 | 657.5 | 657.3 | 657.0 | 656.9  | 657.0 |
| 152.5° | 673.3 | 673.0 | 672.8 | 672.5 | 672.3 | 672.1 | 671.8 | 671.6 | 671.3 | 671.2  | 671.5 |
| 155°   | 686.4 | 686.0 | 685.7 | 685.3 | 684.9 | 684.7 | 684.4 | 684.2 | 683.9 | 683.8  | 684.2 |
| 157.5° | 697.4 | 697.0 | 696.7 | 696.3 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9 | 695.9  | 696.1 |
| 160°   | 707.8 | 707.3 | 706.8 | 706.3 | 705.8 | 705.7 | 705.6 | 705.5 | 705.4 | 705.3  | 705.7 |
| 162.5° | 717.5 | 716.8 | 716.1 | 715.3 | 714.6 | 714.5 | 714.4 | 714.3 | 714.2 | 714.1  | 714.5 |
| 165°   | 725.2 | 724.5 | 723.8 | 723.0 | 722.3 | 722.2 | 722.1 | 722.0 | 721.9 | 721.8  | 722.2 |
| 167.5° | 731.8 | 730.9 | 730.1 | 729.2 | 728.4 | 728.3 | 728.1 | 728.0 | 727.9 | 727.8  | 728.2 |
| 170°   | 736.7 | 735.7 | 734.8 | 733.8 | 732.8 | 732.7 | 732.5 | 732.4 | 732.3 | 732.2  | 732.6 |
| 172.5° | 740.1 | 739.2 | 738.3 | 737.5 | 736.6 | 736.4 | 736.1 | 735.9 | 735.6 | 735.5  | 735.9 |
| 175°   | 742.7 | 741.7 | 740.8 | 739.8 | 738.8 | 738.7 | 738.6 | 738.5 | 738.4 | 738.3  | 738.7 |
| 177.5° | 743.9 | 743.0 | 742.2 | 741.3 | 740.5 | 740.4 | 740.2 | 740.1 | 740.0 | 739.9  | 740.3 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6  | 741.6 |

TEST NUMBER: P1026878

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 509.6 | 509.6 | 509.6 | 509.6 |
| 2.5°   | 497.5 | 501.8 | 504.8 | 510.5 |
| 5°     | 486.2 | 494.0 | 501.4 | 509.2 |
| 7.5°   | 475.0 | 484.1 | 495.8 | 505.7 |
| 10°    | 462.4 | 474.1 | 488.0 | 501.4 |
| 12.5°  | 449.9 | 463.7 | 478.9 | 496.6 |
| 15°    | 434.8 | 452.5 | 470.2 | 489.3 |
| 17.5°  | 421.3 | 439.5 | 458.5 | 482.3 |
| 20°    | 406.2 | 426.1 | 446.9 | 471.1 |
| 22.5°  | 392.8 | 414.9 | 436.5 | 462.0 |
| 25°    | 377.7 | 399.3 | 423.1 | 450.3 |
| 27.5°  | 365.1 | 385.0 | 408.4 | 437.8 |
| 30°    | 350.0 | 371.6 | 395.0 | 424.4 |
| 32.5°  | 335.7 | 356.5 | 381.1 | 410.1 |
| 35°    | 321.0 | 342.2 | 364.2 | 391.9 |
| 37.5°  | 307.1 | 325.3 | 347.4 | 373.8 |
| 40°    | 291.6 | 311.5 | 331.4 | 352.1 |
| 42.5°  | 277.3 | 295.5 | 314.1 | 330.5 |
| 45°    | 261.3 | 276.9 | 294.6 | 308.0 |
| 47.5°  | 246.6 | 260.4 | 274.3 | 284.6 |
| 50°    | 231.9 | 242.7 | 253.1 | 262.2 |
| 52.5°  | 214.6 | 226.7 | 232.3 | 237.9 |
| 55°    | 199.0 | 205.9 | 211.1 | 216.7 |
| 57.5°  | 183.9 | 186.9 | 189.5 | 194.7 |
| 60°    | 164.0 | 167.4 | 170.4 | 174.3 |
| 62.5°  | 146.6 | 148.4 | 149.2 | 153.1 |
| 65°    | 130.2 | 129.8 | 131.9 | 134.1 |
| 67.5°  | 112.5 | 112.0 | 114.2 | 115.1 |
| 70°    | 95.2  | 94.7  | 95.2  | 97.3  |
| 72.5°  | 78.7  | 78.7  | 79.2  | 80.0  |
| 75°    | 63.6  | 63.6  | 64.0  | 64.9  |
| 77.5°  | 48.0  | 48.9  | 48.5  | 50.2  |
| 80°    | 35.0  | 34.2  | 35.0  | 35.9  |
| 82.5°  | 22.9  | 23.8  | 23.8  | 22.9  |
| 85°    | 13.0  | 13.0  | 13.0  | 13.0  |
| 87.5°  | 5.6   | 5.6   | 6.1   | 6.5   |
| 90°    | 3.4   | 2.5   | 1.5   | 0.5   |
| 92.5°  | 7.1   | 8.2   | 9.3   | 10.4  |
| 95°    | 30.2  | 30.6  | 30.9  | 31.3  |
| 97.5°  | 61.0  | 60.3  | 59.5  | 58.8  |
| 100°   | 92.9  | 92.6  | 92.2  | 91.8  |
| 102.5° | 126.8 | 126.3 | 125.8 | 125.3 |
| 105°   | 163.1 | 162.6 | 162.1 | 161.6 |
| 107.5° | 199.0 | 199.0 | 199.0 | 199.0 |
| 110°   | 235.3 | 235.3 | 235.3 | 235.3 |

TEST NUMBER: P1026878

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 270.5 | 270.1 | 269.8 | 269.4 |
| 115°   | 305.3 | 304.6 | 304.0 | 303.4 |
| 117.5° | 339.2 | 339.2 | 339.2 | 339.2 |
| 120°   | 371.8 | 371.9 | 372.1 | 372.2 |
| 122.5° | 403.1 | 402.5 | 401.9 | 401.3 |
| 125°   | 434.1 | 433.2 | 432.4 | 431.5 |
| 127.5° | 462.5 | 461.9 | 461.3 | 460.7 |
| 130°   | 488.9 | 488.2 | 487.6 | 487.0 |
| 132.5° | 515.6 | 514.9 | 514.1 | 513.4 |
| 135°   | 540.4 | 539.7 | 538.9 | 538.2 |
| 137.5° | 563.4 | 562.7 | 562.0 | 561.3 |
| 140°   | 584.5 | 584.3 | 584.0 | 583.8 |
| 142.5° | 604.5 | 604.4 | 604.2 | 604.1 |
| 145°   | 624.6 | 624.4 | 624.1 | 623.9 |
| 147.5° | 641.5 | 641.5 | 641.5 | 641.5 |
| 150°   | 657.3 | 657.5 | 657.8 | 658.0 |
| 152.5° | 672.1 | 672.7 | 673.3 | 673.9 |
| 155°   | 684.9 | 685.6 | 686.4 | 687.1 |
| 157.5° | 696.5 | 696.8 | 697.2 | 697.6 |
| 160°   | 706.4 | 707.1 | 707.9 | 708.6 |
| 162.5° | 715.2 | 715.9 | 716.7 | 717.4 |
| 165°   | 722.9 | 723.6 | 724.4 | 725.1 |
| 167.5° | 728.9 | 729.6 | 730.4 | 731.1 |
| 170°   | 733.5 | 734.4 | 735.2 | 736.1 |
| 172.5° | 736.8 | 737.7 | 738.5 | 739.4 |
| 175°   | 739.4 | 740.1 | 740.9 | 741.6 |
| 177.5° | 741.0 | 741.7 | 742.5 | 743.2 |
| 180°   | 741.6 | 741.6 | 741.6 | 741.6 |

(END OF REPORT)