

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: P1028088

Luminaire Tested: S125DIP-B610D375UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028088  
REPORT IS A COMBINATION OF REPORTS P1002282 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B610D375UB40-4F0-XX-W2A-A1  
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

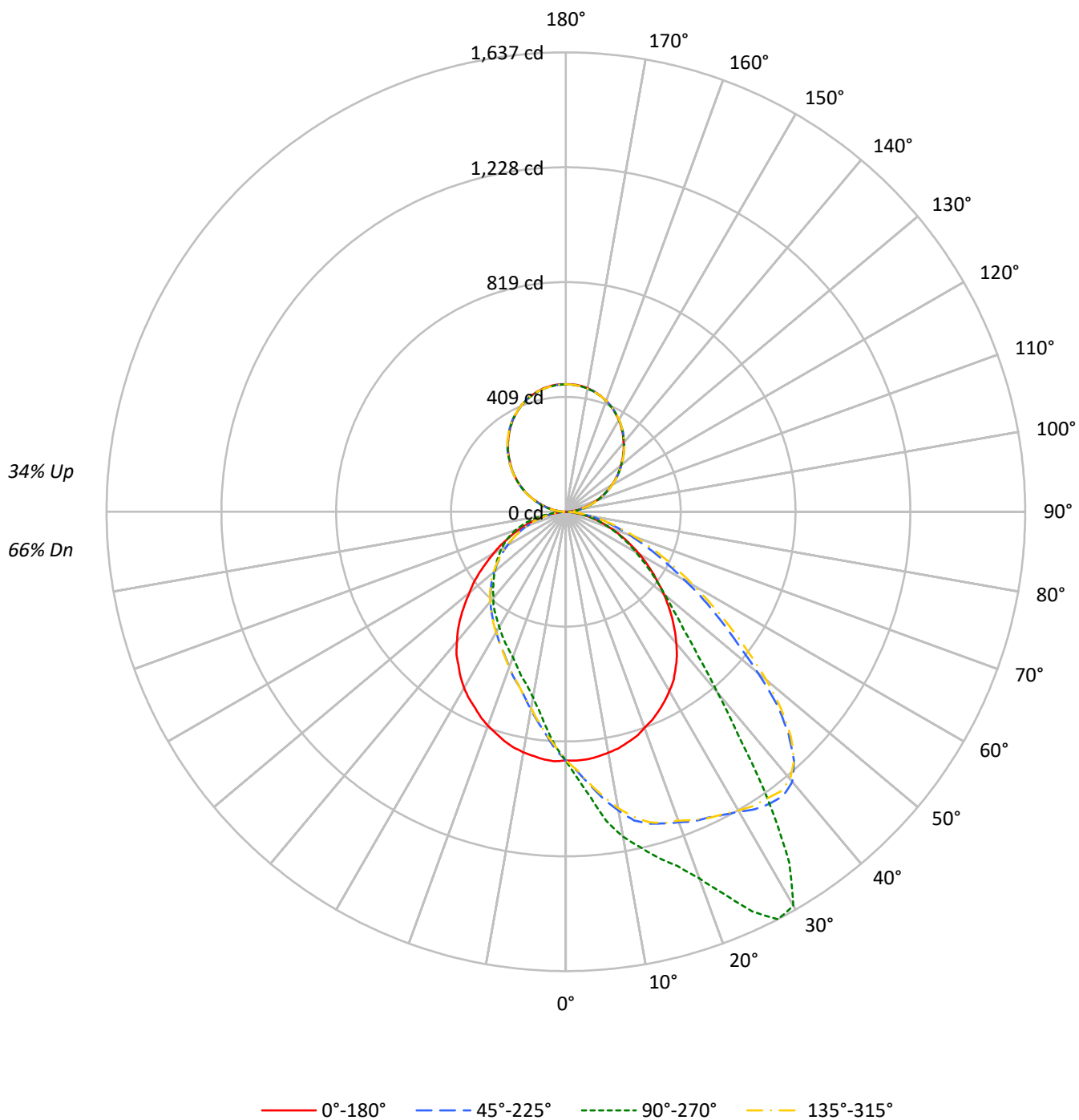
Lumens per Lamp: N/A  
Luminaire Lumens: 3770.0 lumens  
Efficiency: N/A  
Efficacy: 113.2 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 33.3  
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: P1028088

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### Luminous Intensity Polar Plot



TEST NUMBER: P1028088

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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   | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 |
| 1   | 102 | 97  | 94  | 90  | 96  | 92  | 89  | 85  | 82 | 79 | 77 | 72 | 70 | 69 | 63 | 62 | 61 |
| 2   | 93  | 85  | 79  | 74  | 87  | 81  | 75  | 71  | 72 | 68 | 64 | 64 | 60 | 58 | 56 | 54 | 52 |
| 3   | 85  | 75  | 68  | 62  | 80  | 71  | 65  | 59  | 64 | 58 | 54 | 57 | 52 | 49 | 50 | 47 | 44 |
| 4   | 78  | 67  | 59  | 53  | 73  | 63  | 56  | 51  | 57 | 51 | 46 | 51 | 46 | 42 | 45 | 41 | 38 |
| 5   | 72  | 60  | 52  | 45  | 67  | 57  | 49  | 44  | 51 | 45 | 40 | 45 | 41 | 37 | 40 | 37 | 33 |
| 6   | 66  | 54  | 46  | 40  | 62  | 51  | 44  | 38  | 46 | 40 | 35 | 41 | 36 | 32 | 37 | 33 | 30 |
| 7   | 61  | 49  | 41  | 35  | 57  | 46  | 39  | 34  | 42 | 36 | 31 | 38 | 32 | 29 | 34 | 29 | 26 |
| 8   | 57  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 38 | 32 | 28 | 34 | 29 | 26 | 31 | 27 | 24 |
| 9   | 53  | 40  | 33  | 28  | 50  | 39  | 32  | 27  | 35 | 29 | 25 | 32 | 27 | 23 | 28 | 24 | 21 |
| 10  | 50  | 37  | 30  | 25  | 47  | 36  | 29  | 24  | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5679 | 5679  | 5679 | 5679 |
| 5°  | 5683 | 6442  | 5688 | 4887 |
| 10° | 5648 | 7343  | 5639 | 4195 |
| 15° | 5607 | 7961  | 5572 | 3790 |
| 20° | 5536 | 8724  | 5485 | 3460 |
| 25° | 5473 | 9996  | 5373 | 3265 |
| 30° | 5383 | 10546 | 5290 | 3088 |
| 35° | 5240 | 8454  | 5130 | 2946 |
| 40° | 5017 | 5843  | 4943 | 2795 |
| 45° | 4736 | 4350  | 4683 | 2671 |
| 50° | 4413 | 3581  | 4340 | 2570 |
| 55° | 4065 | 3054  | 4033 | 2483 |
| 60° | 3724 | 2615  | 3659 | 2416 |
| 65° | 3356 | 2258  | 3302 | 2318 |
| 70° | 2968 | 1874  | 2927 | 2147 |
| 75° | 2556 | 1450  | 2522 | 1864 |
| 80° | 2016 | 980   | 1945 | 1371 |
| 85° | 1292 | 490   | 1246 | 699  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8673 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.3   | 2.3       |
| 10°-20°   | 254.1  | 6.7       |
| 20°-30°   | 412.7  | 10.9      |
| 30°-40°   | 504.4  | 13.4      |
| 40°-50°   | 457.5  | 12.1      |
| 50°-60°   | 364.4  | 9.7       |
| 60°-70°   | 253.8  | 6.7       |
| 70°-80°   | 135.2  | 3.6       |
| 80°-90°   | 34.2   | 0.9       |
| 90°-100°  | 30.2   | 0.8       |
| 100°-110° | 89.8   | 2.4       |
| 110°-120° | 152.3  | 4.0       |
| 120°-130° | 200.4  | 5.3       |
| 130°-140° | 224.6  | 6.0       |
| 140°-150° | 220.1  | 5.8       |
| 150°-160° | 184.9  | 4.9       |
| 160°-170° | 122.9  | 3.3       |
| 170°-180° | 43.0   | 1.1       |
| 0°-30°    | 752.1  | 19.9      |
| 0°-40°    | 1256.5 | 33.3      |
| 0°-60°    | 2078.4 | 55.1      |
| 0°-90°    | 2501.7 | 66.4      |
| 90°-120°  | 272.3  | 7.2       |
| 90°-150°  | 917.4  | 24.3      |
| 90°-180°  | 1268.0 | 33.6      |
| 0°-180°   | 3770.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 886 | 886  | 886  | 886  | 886  |      |
| 5°   | 886 | 1022 | 886  | 776  | 886  | 84   |
| 15°  | 851 | 1277 | 846  | 608  | 851  | 240  |
| 25°  | 783 | 1571 | 769  | 513  | 783  | 361  |
| 35°  | 682 | 1261 | 667  | 439  | 682  | 426  |
| 45°  | 536 | 594  | 530  | 365  | 536  | 413  |
| 55°  | 377 | 366  | 374  | 298  | 377  | 337  |
| 65°  | 233 | 225  | 230  | 231  | 233  | 231  |
| 75°  | 113 | 111  | 111  | 142  | 113  | 120  |
| 85°  | 23  | 25   | 22   | 35   | 23   | 27   |
| 90°  | 0   | 8    | 0    | 8    | 0    | 3    |
| 95°  | 23  | 30   | 23   | 30   | 23   | 24   |
| 105° | 81  | 88   | 81   | 88   | 81   | 86   |
| 115° | 152 | 154  | 152  | 154  | 152  | 151  |
| 125° | 222 | 224  | 222  | 224  | 222  | 199  |
| 135° | 289 | 290  | 289  | 290  | 289  | 223  |
| 145° | 350 | 352  | 350  | 352  | 350  | 219  |
| 155° | 401 | 401  | 401  | 401  | 401  | 185  |
| 165° | 436 | 435  | 436  | 435  | 436  | 123  |
| 175° | 453 | 452  | 453  | 452  | 453  | 43   |
| 180° | 454 | 454  | 454  | 454  | 454  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 887.8 | 893.1 | 899.1 | 903.6 | 911.1  | 913.4  | 917.1  | 919.4  | 921.7  | 923.9  | 925.4  |
| 5°     | 885.5 | 898.3 | 909.6 | 917.9 | 932.2  | 937.5  | 944.2  | 952.5  | 962.3  | 970.6  | 975.8  |
| 7.5°   | 879.5 | 899.8 | 914.9 | 931.4 | 951.0  | 963.8  | 970.6  | 987.9  | 1003.7 | 1015.7 | 1031.5 |
| 10°    | 872.0 | 896.1 | 919.4 | 944.2 | 972.1  | 986.4  | 999.9  | 1024.0 | 1045.8 | 1065.4 | 1081.2 |
| 12.5°  | 863.7 | 893.1 | 920.9 | 953.3 | 990.9  | 1008.2 | 1017.2 | 1058.6 | 1085.7 | 1096.2 | 1127.1 |
| 15°    | 850.9 | 885.5 | 925.4 | 965.3 | 996.9  | 1017.2 | 1042.0 | 1075.1 | 1102.2 | 1125.6 | 1150.4 |
| 17.5°  | 838.9 | 876.5 | 917.1 | 961.5 | 1007.4 | 1033.8 | 1052.6 | 1081.9 | 1111.3 | 1141.4 | 1164.7 |
| 20°    | 819.3 | 868.2 | 909.6 | 957.0 | 1011.2 | 1030.0 | 1049.6 | 1084.2 | 1115.8 | 1148.1 | 1177.5 |
| 22.5°  | 803.5 | 850.2 | 906.6 | 951.8 | 997.6  | 1016.5 | 1040.5 | 1076.6 | 1114.3 | 1151.1 | 1194.0 |
| 25°    | 783.2 | 835.1 | 884.0 | 932.2 | 979.6  | 999.9  | 1021.7 | 1068.4 | 1107.5 | 1154.9 | 1202.3 |
| 27.5°  | 761.4 | 814.8 | 863.7 | 907.4 | 951.8  | 979.6  | 1002.9 | 1051.8 | 1103.7 | 1155.6 | 1217.3 |
| 30°    | 738.1 | 788.5 | 835.1 | 878.0 | 926.9  | 955.5  | 978.8  | 1036.0 | 1094.0 | 1160.2 | 1233.9 |
| 32.5°  | 713.3 | 760.6 | 800.5 | 844.2 | 896.1  | 922.4  | 954.0  | 1016.5 | 1084.9 | 1163.9 | 1256.5 |
| 35°    | 681.7 | 726.8 | 762.2 | 806.5 | 858.5  | 892.3  | 925.4  | 995.4  | 1075.1 | 1163.2 | 1269.3 |
| 37.5°  | 650.1 | 685.4 | 719.3 | 766.7 | 826.9  | 857.7  | 892.3  | 969.1  | 1060.1 | 1160.9 | 1274.5 |
| 40°    | 612.4 | 647.0 | 676.4 | 724.5 | 787.7  | 823.1  | 859.2  | 939.7  | 1042.8 | 1152.6 | 1255.7 |
| 42.5°  | 574.8 | 604.2 | 636.5 | 686.9 | 747.9  | 785.5  | 823.8  | 913.4  | 1020.2 | 1128.6 | 1203.8 |
| 45°    | 535.7 | 558.3 | 593.6 | 639.5 | 704.2  | 740.3  | 784.0  | 881.0  | 988.6  | 1084.9 | 1122.5 |
| 47.5°  | 495.1 | 517.6 | 550.7 | 595.1 | 659.1  | 702.0  | 743.3  | 840.4  | 948.7  | 1023.2 | 1023.2 |
| 50°    | 455.9 | 474.0 | 506.3 | 550.7 | 615.4  | 654.6  | 696.7  | 799.8  | 887.0  | 942.0  | 893.1  |
| 52.5°  | 413.8 | 434.1 | 461.2 | 507.9 | 571.8  | 607.2  | 653.1  | 741.1  | 823.8  | 846.4  | 771.2  |
| 55°    | 376.9 | 393.5 | 419.1 | 463.5 | 522.9  | 559.8  | 598.9  | 683.2  | 753.1  | 751.6  | 671.1  |
| 57.5°  | 338.6 | 352.1 | 379.2 | 419.8 | 474.7  | 507.9  | 547.0  | 620.0  | 677.1  | 656.8  | 580.8  |
| 60°    | 303.2 | 313.0 | 339.3 | 372.4 | 425.1  | 455.9  | 493.6  | 553.0  | 596.6  | 568.0  | 491.3  |
| 62.5°  | 266.3 | 277.6 | 298.7 | 331.0 | 377.7  | 402.5  | 430.4  | 490.5  | 518.4  | 492.8  | 414.6  |
| 65°    | 233.2 | 242.3 | 261.1 | 288.2 | 330.3  | 352.9  | 376.9  | 426.6  | 452.9  | 416.1  | 351.4  |
| 67.5°  | 200.1 | 210.7 | 224.2 | 248.3 | 281.4  | 302.5  | 323.5  | 366.4  | 378.4  | 345.3  | 291.2  |
| 70°    | 169.3 | 178.3 | 191.1 | 208.4 | 236.2  | 255.1  | 270.9  | 306.2  | 314.5  | 283.6  | 240.8  |
| 72.5°  | 139.2 | 145.2 | 155.7 | 170.0 | 195.6  | 206.2  | 222.7  | 246.8  | 257.3  | 229.5  | 198.6  |
| 75°    | 112.9 | 117.4 | 124.1 | 134.7 | 152.0  | 163.3  | 176.8  | 199.4  | 198.6  | 179.1  | 157.2  |
| 77.5°  | 87.3  | 88.0  | 95.6  | 105.3 | 115.9  | 125.6  | 132.4  | 148.2  | 149.7  | 137.7  | 119.6  |
| 80°    | 62.4  | 64.7  | 67.7  | 75.2  | 84.3   | 88.0   | 96.3   | 106.1  | 107.6  | 98.6   | 86.5   |
| 82.5°  | 39.9  | 41.4  | 43.6  | 48.2  | 54.2   | 58.7   | 63.2   | 67.0   | 70.7   | 65.5   | 55.7   |
| 85°    | 22.6  | 23.3  | 25.6  | 27.1  | 30.1   | 32.4   | 36.1   | 39.9   | 39.1   | 35.4   | 32.4   |
| 87.5°  | 11.3  | 11.3  | 11.3  | 12.8  | 14.3   | 14.3   | 15.8   | 16.6   | 17.3   | 15.8   | 14.3   |
| 90°    | 0.4   | 1.0   | 1.6   | 2.3   | 2.9    | 3.2    | 3.5    | 4.0    | 4.6    | 5.1    | 5.7    |
| 92.5°  | 10.6  | 11.0  | 11.4  | 11.8  | 12.2   | 12.4   | 12.8   | 13.5   | 14.2   | 14.9   | 15.6   |
| 95°    | 23.0  | 23.2  | 23.3  | 23.5  | 23.6   | 23.7   | 24.1   | 24.9   | 25.6   | 26.4   | 27.2   |
| 97.5°  | 35.4  | 35.5  | 35.5  | 35.6  | 35.7   | 35.7   | 36.3   | 37.4   | 38.5   | 39.6   | 40.7   |
| 100°   | 49.5  | 49.5  | 49.5  | 49.5  | 49.5   | 49.5   | 50.0   | 51.0   | 52.1   | 53.1   | 54.1   |
| 102.5° | 64.7  | 65.1  | 65.5  | 65.9  | 66.3   | 66.5   | 66.7   | 67.1   | 67.5   | 67.9   | 68.3   |
| 105°   | 80.6  | 81.0  | 81.4  | 81.8  | 82.2   | 82.4   | 82.6   | 83.1   | 83.6   | 84.0   | 84.5   |
| 107.5° | 98.0  | 98.4  | 98.8  | 99.1  | 99.5   | 99.7   | 99.9   | 100.3  | 100.7  | 101.1  | 101.5  |
| 110°   | 116.0 | 116.4 | 116.8 | 117.2 | 117.6  | 117.8  | 117.9  | 118.1  | 118.4  | 118.6  | 118.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 134.4 | 134.6 | 134.7 | 134.9 | 135.0 | 135.1 | 135.3 | 135.6 | 135.9 | 136.2 | 136.5 |
| 115°   | 152.4 | 152.7 | 153.0 | 153.3 | 153.6 | 153.8 | 153.9 | 154.0 | 154.2 | 154.3 | 154.5 |
| 117.5° | 170.8 | 170.9 | 171.0 | 171.1 | 171.2 | 171.2 | 171.3 | 171.4 | 171.6 | 171.7 | 171.9 |
| 120°   | 187.8 | 188.2 | 188.6 | 189.0 | 189.4 | 189.6 | 189.6 | 189.7 | 189.8 | 189.8 | 189.9 |
| 122.5° | 206.2 | 206.3 | 206.3 | 206.4 | 206.5 | 206.5 | 206.6 | 206.9 | 207.1 | 207.4 | 207.6 |
| 125°   | 222.4 | 222.9 | 223.4 | 223.9 | 224.4 | 224.6 | 224.6 | 224.7 | 224.8 | 224.8 | 224.9 |
| 127.5° | 240.5 | 240.7 | 240.9 | 241.2 | 241.4 | 241.5 | 241.5 | 241.6 | 241.7 | 241.8 | 241.9 |
| 130°   | 256.4 | 256.8 | 257.2 | 257.6 | 258.0 | 258.2 | 258.3 | 258.4 | 258.6 | 258.7 | 258.9 |
| 132.5° | 272.3 | 273.0 | 273.7 | 274.4 | 275.1 | 275.5 | 275.5 | 275.4 | 275.3 | 275.2 | 275.1 |
| 135°   | 289.3 | 289.8 | 290.2 | 290.7 | 291.2 | 291.4 | 291.4 | 291.5 | 291.6 | 291.7 | 291.8 |
| 137.5° | 305.2 | 305.7 | 306.1 | 306.6 | 307.1 | 307.3 | 307.4 | 307.5 | 307.7 | 307.8 | 308.0 |
| 140°   | 320.4 | 320.8 | 321.2 | 321.6 | 322.0 | 322.2 | 322.3 | 322.5 | 322.8 | 323.0 | 323.2 |
| 142.5° | 335.6 | 335.9 | 336.2 | 336.5 | 336.8 | 337.0 | 337.2 | 337.5 | 337.8 | 338.1 | 338.4 |
| 145°   | 350.5 | 350.8 | 351.1 | 351.4 | 351.7 | 351.9 | 352.0 | 352.2 | 352.5 | 352.7 | 352.9 |
| 147.5° | 364.3 | 364.5 | 364.7 | 365.0 | 365.2 | 365.3 | 365.4 | 365.5 | 365.7 | 365.8 | 366.0 |
| 150°   | 378.0 | 377.9 | 377.9 | 377.8 | 377.7 | 377.7 | 377.9 | 378.2 | 378.5 | 378.8 | 379.1 |
| 152.5° | 389.4 | 389.6 | 389.7 | 389.9 | 390.0 | 390.1 | 390.1 | 390.2 | 390.3 | 390.3 | 390.4 |
| 155°   | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.1 | 401.2 | 401.3 | 401.4 |
| 157.5° | 411.6 | 411.4 | 411.3 | 411.1 | 411.0 | 410.9 | 410.9 | 411.0 | 411.1 | 411.2 | 411.3 |
| 160°   | 420.8 | 420.6 | 420.4 | 420.1 | 419.9 | 419.8 | 419.8 | 419.9 | 420.0 | 420.0 | 420.1 |
| 162.5° | 429.0 | 428.8 | 428.7 | 428.5 | 428.4 | 428.3 | 428.3 | 428.3 | 428.3 | 428.3 | 428.3 |
| 165°   | 436.0 | 435.8 | 435.7 | 435.5 | 435.4 | 435.3 | 435.3 | 435.4 | 435.5 | 435.6 | 435.7 |
| 167.5° | 442.4 | 442.1 | 441.8 | 441.5 | 441.2 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 |
| 170°   | 447.4 | 447.1 | 446.7 | 446.4 | 446.1 | 445.9 | 445.9 | 445.9 | 445.9 | 445.9 | 445.9 |
| 172.5° | 450.9 | 450.6 | 450.3 | 450.0 | 449.7 | 449.5 | 449.5 | 449.5 | 449.5 | 449.5 | 449.5 |
| 175°   | 453.4 | 453.1 | 452.8 | 452.5 | 452.2 | 452.0 | 452.0 | 452.0 | 452.0 | 452.0 | 452.0 |
| 177.5° | 455.1 | 454.8 | 454.5 | 454.2 | 453.9 | 453.7 | 453.7 | 453.6 | 453.5 | 453.5 | 453.4 |
| 180°   | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 926.9  | 932.2  | 936.7  | 940.5  | 943.5  | 948.0  | 945.0  | 945.7  | 947.2  | 950.2  | 950.2  |
| 5°     | 987.1  | 995.4  | 999.9  | 1015.0 | 1018.7 | 1018.0 | 1015.7 | 1027.7 | 1027.0 | 1022.5 | 1021.7 |
| 7.5°   | 1045.8 | 1060.1 | 1072.9 | 1084.9 | 1088.7 | 1098.5 | 1100.7 | 1106.0 | 1104.5 | 1112.0 | 1108.2 |
| 10°    | 1099.2 | 1121.8 | 1133.8 | 1151.9 | 1156.4 | 1160.9 | 1166.9 | 1169.9 | 1176.7 | 1176.0 | 1176.0 |
| 12.5°  | 1140.6 | 1167.7 | 1183.5 | 1188.0 | 1205.3 | 1210.6 | 1215.8 | 1225.6 | 1223.4 | 1224.1 | 1228.6 |
| 15°    | 1173.0 | 1199.3 | 1212.8 | 1233.9 | 1245.9 | 1252.0 | 1261.0 | 1271.5 | 1270.0 | 1276.8 | 1275.3 |
| 17.5°  | 1197.0 | 1221.9 | 1246.7 | 1278.3 | 1279.0 | 1294.8 | 1315.9 | 1320.4 | 1330.2 | 1323.4 | 1323.4 |
| 20°    | 1216.6 | 1249.7 | 1285.1 | 1325.7 | 1330.2 | 1340.0 | 1365.6 | 1382.9 | 1394.1 | 1390.4 | 1392.6 |
| 22.5°  | 1237.7 | 1285.1 | 1326.4 | 1367.1 | 1388.9 | 1406.2 | 1431.0 | 1458.1 | 1467.9 | 1473.9 | 1472.4 |
| 25°    | 1264.7 | 1314.4 | 1375.3 | 1431.8 | 1454.3 | 1487.4 | 1520.5 | 1546.9 | 1554.4 | 1571.0 | 1555.9 |
| 27.5°  | 1292.6 | 1362.5 | 1438.5 | 1504.7 | 1533.3 | 1560.4 | 1600.3 | 1619.9 | 1629.6 | 1637.2 | 1631.9 |
| 30°    | 1315.9 | 1412.2 | 1495.0 | 1555.9 | 1576.2 | 1592.0 | 1614.6 | 1619.1 | 1615.3 | 1621.4 | 1628.9 |
| 32.5°  | 1352.0 | 1446.1 | 1516.0 | 1545.4 | 1543.1 | 1542.4 | 1525.1 | 1501.0 | 1495.7 | 1481.4 | 1501.0 |
| 35°    | 1371.6 | 1446.8 | 1473.9 | 1434.8 | 1419.0 | 1390.4 | 1335.5 | 1299.3 | 1267.7 | 1261.0 | 1262.5 |
| 37.5°  | 1360.3 | 1389.6 | 1357.3 | 1254.2 | 1228.6 | 1185.0 | 1112.0 | 1060.8 | 1037.5 | 1019.5 | 1042.8 |
| 40°    | 1299.3 | 1267.0 | 1178.2 | 1052.6 | 1015.7 | 974.3  | 905.9  | 878.0  | 844.9  | 838.1  | 869.0  |
| 42.5°  | 1198.5 | 1100.0 | 974.3  | 877.3  | 838.9  | 815.6  | 758.4  | 732.1  | 708.7  | 698.2  | 715.5  |
| 45°    | 1061.6 | 942.0  | 815.6  | 735.8  | 703.5  | 675.6  | 641.8  | 613.9  | 598.9  | 594.4  | 608.7  |
| 47.5°  | 920.2  | 793.8  | 692.9  | 633.5  | 599.6  | 578.6  | 547.0  | 531.2  | 519.1  | 520.6  | 522.9  |
| 50°    | 784.7  | 669.6  | 592.1  | 532.7  | 516.1  | 499.6  | 478.5  | 465.0  | 458.9  | 461.2  | 459.7  |
| 52.5°  | 668.1  | 574.8  | 509.4  | 463.5  | 455.9  | 440.1  | 422.8  | 411.5  | 409.3  | 410.0  | 412.3  |
| 55°    | 565.8  | 492.8  | 440.9  | 407.8  | 399.5  | 388.2  | 377.7  | 370.2  | 364.1  | 366.4  | 365.7  |
| 57.5°  | 488.3  | 424.3  | 384.5  | 357.4  | 351.4  | 344.6  | 334.8  | 331.0  | 328.8  | 324.3  | 328.0  |
| 60°    | 419.8  | 367.9  | 333.3  | 316.7  | 311.5  | 307.0  | 296.4  | 291.9  | 290.4  | 288.2  | 294.2  |
| 62.5°  | 355.1  | 318.3  | 291.9  | 276.9  | 271.6  | 267.1  | 261.8  | 258.1  | 258.8  | 255.8  | 258.8  |
| 65°    | 304.0  | 273.9  | 255.1  | 241.5  | 234.7  | 231.7  | 231.0  | 225.0  | 224.2  | 225.0  | 225.7  |
| 67.5°  | 256.6  | 231.0  | 216.7  | 208.4  | 203.1  | 200.1  | 197.9  | 194.1  | 197.1  | 194.9  | 196.4  |
| 70°    | 213.7  | 196.4  | 181.3  | 173.0  | 170.8  | 171.5  | 167.8  | 166.3  | 167.0  | 165.5  | 167.0  |
| 72.5°  | 172.3  | 158.0  | 152.0  | 146.0  | 143.0  | 142.2  | 139.9  | 137.7  | 139.9  | 139.2  | 139.2  |
| 75°    | 137.7  | 127.2  | 120.4  | 116.6  | 116.6  | 115.1  | 111.4  | 111.4  | 111.4  | 110.6  | 111.4  |
| 77.5°  | 106.1  | 97.1   | 94.0   | 90.3   | 90.3   | 88.0   | 87.3   | 87.3   | 85.8   | 88.0   | 86.5   |
| 80°    | 79.0   | 72.2   | 67.7   | 65.5   | 65.5   | 64.7   | 63.2   | 62.4   | 63.2   | 62.4   | 62.4   |
| 82.5°  | 51.2   | 48.2   | 45.9   | 43.6   | 42.9   | 43.6   | 42.9   | 41.4   | 42.1   | 41.4   | 42.9   |
| 85°    | 29.3   | 26.3   | 26.3   | 24.8   | 25.6   | 24.1   | 24.8   | 23.3   | 22.6   | 24.8   | 23.3   |
| 87.5°  | 12.8   | 12.0   | 12.0   | 10.5   | 10.5   | 10.5   | 9.8    | 10.5   | 9.8    | 9.0    | 9.8    |
| 90°    | 6.1    | 6.5    | 6.8    | 7.2    | 7.4    | 7.5    | 7.8    | 8.0    | 8.3    | 8.5    | 8.3    |
| 92.5°  | 16.1   | 16.7   | 17.2   | 17.7   | 18.0   | 18.1   | 18.2   | 18.4   | 18.5   | 18.7   | 18.5   |
| 95°    | 27.8   | 28.3   | 28.9   | 29.4   | 29.7   | 29.8   | 29.9   | 30.1   | 30.2   | 30.4   | 30.2   |
| 97.5°  | 41.2   | 41.6   | 42.1   | 42.6   | 42.8   | 42.8   | 42.9   | 43.0   | 43.0   | 43.1   | 43.0   |
| 100°   | 54.8   | 55.5   | 56.2   | 56.9   | 57.3   | 57.4   | 57.5   | 57.7   | 57.8   | 58.0   | 57.8   |
| 102.5° | 69.1   | 69.9   | 70.6   | 71.4   | 71.8   | 71.9   | 72.2   | 72.4   | 72.7   | 72.9   | 72.7   |
| 105°   | 85.0   | 85.4   | 85.9   | 86.4   | 86.6   | 86.7   | 87.0   | 87.2   | 87.5   | 87.7   | 87.5   |
| 107.5° | 101.7  | 102.0  | 102.2  | 102.5  | 102.6  | 102.6  | 102.6  | 102.6  | 102.6  | 102.6  | 102.6  |
| 110°   | 119.0  | 119.3  | 119.5  | 119.8  | 119.9  | 119.9  | 119.8  | 119.7  | 119.6  | 119.5  | 119.6  |



TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 136.6 | 136.7 | 136.8 | 136.9 | 136.9 | 136.8 | 136.7 | 136.5 | 136.4 | 136.2 | 136.4 |
| 115°   | 154.4 | 154.4 | 154.3 | 154.2 | 154.2 | 154.2 | 154.1 | 154.0 | 153.9 | 153.8 | 153.9 |
| 117.5° | 172.0 | 172.0 | 172.1 | 172.2 | 172.2 | 172.0 | 171.7 | 171.4 | 171.1 | 170.8 | 171.1 |
| 120°   | 189.9 | 189.9 | 189.9 | 189.9 | 189.9 | 189.7 | 189.4 | 189.1 | 188.8 | 188.5 | 188.8 |
| 122.5° | 207.5 | 207.4 | 207.3 | 207.2 | 207.2 | 207.1 | 206.9 | 206.6 | 206.4 | 206.2 | 206.4 |
| 125°   | 224.7 | 224.6 | 224.4 | 224.3 | 224.2 | 224.2 | 224.1 | 224.0 | 224.0 | 223.9 | 224.0 |
| 127.5° | 241.8 | 241.7 | 241.6 | 241.5 | 241.5 | 241.4 | 241.3 | 241.1 | 241.0 | 240.8 | 241.0 |
| 130°   | 258.8 | 258.7 | 258.6 | 258.5 | 258.5 | 258.4 | 258.3 | 258.1 | 258.0 | 257.8 | 258.0 |
| 132.5° | 275.0 | 275.0 | 274.9 | 274.8 | 274.8 | 274.7 | 274.4 | 274.2 | 273.9 | 273.7 | 273.9 |
| 135°   | 291.8 | 291.8 | 291.8 | 291.8 | 291.8 | 291.6 | 291.3 | 291.0 | 290.6 | 290.3 | 290.6 |
| 137.5° | 308.1 | 308.2 | 308.3 | 308.4 | 308.4 | 308.2 | 307.8 | 307.4 | 307.0 | 306.6 | 307.0 |
| 140°   | 323.4 | 323.5 | 323.7 | 323.8 | 323.9 | 323.7 | 323.3 | 323.0 | 322.6 | 322.2 | 322.6 |
| 142.5° | 338.5 | 338.6 | 338.7 | 338.8 | 338.8 | 338.6 | 338.2 | 337.8 | 337.4 | 337.0 | 337.4 |
| 145°   | 352.9 | 352.9 | 352.9 | 352.9 | 352.9 | 352.8 | 352.6 | 352.3 | 352.1 | 351.9 | 352.1 |
| 147.5° | 366.2 | 366.5 | 366.7 | 367.0 | 367.1 | 366.8 | 366.2 | 365.5 | 364.9 | 364.3 | 364.9 |
| 150°   | 379.1 | 379.1 | 379.1 | 379.1 | 379.1 | 379.0 | 378.9 | 378.7 | 378.6 | 378.4 | 378.6 |
| 152.5° | 390.6 | 390.9 | 391.1 | 391.4 | 391.5 | 391.3 | 391.0 | 390.7 | 390.4 | 390.1 | 390.4 |
| 155°   | 401.7 | 402.0 | 402.3 | 402.6 | 402.8 | 402.6 | 402.2 | 401.8 | 401.4 | 401.0 | 401.4 |
| 157.5° | 411.6 | 411.9 | 412.2 | 412.5 | 412.7 | 412.4 | 411.9 | 411.3 | 410.8 | 410.2 | 410.8 |
| 160°   | 420.4 | 420.7 | 421.0 | 421.3 | 421.5 | 421.3 | 420.9 | 420.6 | 420.2 | 419.8 | 420.2 |
| 162.5° | 428.7 | 429.1 | 429.4 | 429.8 | 430.0 | 429.8 | 429.3 | 428.8 | 428.4 | 427.9 | 428.4 |
| 165°   | 436.0 | 436.3 | 436.6 | 436.9 | 437.1 | 436.9 | 436.4 | 435.9 | 435.5 | 435.0 | 435.5 |
| 167.5° | 441.5 | 441.9 | 442.4 | 442.9 | 443.1 | 442.9 | 442.4 | 441.9 | 441.5 | 441.0 | 441.5 |
| 170°   | 446.4 | 446.9 | 447.4 | 447.9 | 448.1 | 447.8 | 447.3 | 446.7 | 446.2 | 445.6 | 446.2 |
| 172.5° | 450.0 | 450.4 | 450.9 | 451.4 | 451.6 | 451.4 | 450.9 | 450.4 | 450.0 | 449.5 | 450.0 |
| 175°   | 452.5 | 452.9 | 453.4 | 453.9 | 454.1 | 453.8 | 453.3 | 452.7 | 452.2 | 451.6 | 452.2 |
| 177.5° | 453.9 | 454.3 | 454.8 | 455.3 | 455.5 | 455.2 | 454.7 | 454.1 | 453.6 | 453.0 | 453.6 |
| 180°   | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 948.7  | 943.5  | 945.0  | 943.5  | 939.7  | 937.5  | 931.4  | 923.9  | 920.9  | 917.1  | 914.9  |
| 5°     | 1024.7 | 1021.0 | 1020.2 | 1014.2 | 1012.7 | 1003.7 | 988.6  | 981.1  | 972.1  | 963.0  | 954.0  |
| 7.5°   | 1107.5 | 1103.0 | 1087.9 | 1085.7 | 1087.2 | 1075.9 | 1056.3 | 1041.3 | 1022.5 | 1009.7 | 992.4  |
| 10°    | 1176.0 | 1166.9 | 1154.1 | 1154.9 | 1149.6 | 1134.6 | 1115.0 | 1099.2 | 1072.1 | 1055.6 | 1030.8 |
| 12.5°  | 1217.3 | 1209.8 | 1208.3 | 1200.8 | 1196.3 | 1176.7 | 1153.4 | 1133.1 | 1112.8 | 1090.2 | 1071.4 |
| 15°    | 1267.7 | 1258.0 | 1251.2 | 1240.7 | 1237.7 | 1217.3 | 1191.8 | 1168.4 | 1145.1 | 1124.0 | 1084.2 |
| 17.5°  | 1323.4 | 1312.9 | 1287.3 | 1285.1 | 1267.0 | 1247.4 | 1222.6 | 1188.0 | 1163.2 | 1133.1 | 1103.7 |
| 20°    | 1386.6 | 1371.6 | 1338.5 | 1330.2 | 1315.9 | 1283.5 | 1249.7 | 1211.3 | 1171.4 | 1140.6 | 1106.0 |
| 22.5°  | 1457.3 | 1431.0 | 1406.9 | 1380.6 | 1370.1 | 1330.2 | 1283.5 | 1236.9 | 1188.8 | 1146.6 | 1105.2 |
| 25°    | 1549.1 | 1514.5 | 1480.7 | 1454.3 | 1436.3 | 1384.4 | 1321.9 | 1260.2 | 1204.6 | 1149.6 | 1095.5 |
| 27.5°  | 1621.4 | 1591.3 | 1554.4 | 1519.8 | 1496.5 | 1434.8 | 1363.3 | 1283.5 | 1214.3 | 1147.4 | 1089.4 |
| 30°    | 1626.6 | 1617.6 | 1595.0 | 1576.2 | 1550.6 | 1484.4 | 1405.4 | 1315.1 | 1229.4 | 1148.1 | 1077.4 |
| 32.5°  | 1528.1 | 1546.1 | 1555.9 | 1558.9 | 1553.7 | 1515.3 | 1443.1 | 1343.7 | 1242.9 | 1141.4 | 1066.9 |
| 35°    | 1315.9 | 1364.1 | 1423.5 | 1446.1 | 1467.9 | 1488.2 | 1450.6 | 1364.1 | 1247.4 | 1139.8 | 1050.3 |
| 37.5°  | 1083.4 | 1127.1 | 1225.6 | 1270.8 | 1296.3 | 1376.8 | 1407.7 | 1361.0 | 1256.5 | 1141.4 | 1034.5 |
| 40°    | 874.3  | 943.5  | 1014.2 | 1075.1 | 1115.0 | 1205.3 | 1300.9 | 1311.4 | 1243.7 | 1127.1 | 1014.2 |
| 42.5°  | 735.8  | 776.4  | 829.9  | 886.3  | 921.7  | 1028.5 | 1157.9 | 1233.9 | 1203.8 | 1103.7 | 989.4  |
| 45°    | 626.7  | 656.8  | 707.2  | 726.0  | 771.2  | 873.5  | 1010.4 | 1120.3 | 1135.3 | 1066.9 | 960.8  |
| 47.5°  | 537.9  | 563.5  | 595.9  | 619.2  | 655.3  | 732.1  | 847.9  | 969.1  | 1041.3 | 1016.5 | 920.9  |
| 50°    | 474.0  | 495.1  | 522.1  | 535.7  | 559.0  | 628.2  | 715.5  | 835.9  | 932.9  | 941.2  | 869.0  |
| 52.5°  | 420.6  | 432.6  | 453.7  | 468.7  | 487.5  | 529.7  | 608.7  | 708.0  | 817.1  | 862.2  | 805.0  |
| 55°    | 373.9  | 383.7  | 402.5  | 412.3  | 422.1  | 458.2  | 519.9  | 610.2  | 712.5  | 771.9  | 739.6  |
| 57.5°  | 331.8  | 340.1  | 355.9  | 364.9  | 370.2  | 404.8  | 452.2  | 522.9  | 614.7  | 686.9  | 668.9  |
| 60°    | 297.2  | 304.7  | 313.7  | 320.5  | 326.5  | 355.1  | 388.2  | 445.4  | 527.4  | 597.4  | 592.9  |
| 62.5°  | 260.3  | 267.1  | 276.9  | 283.6  | 288.9  | 307.0  | 334.8  | 378.4  | 448.4  | 513.1  | 525.9  |
| 65°    | 228.0  | 233.2  | 240.0  | 243.0  | 249.8  | 263.3  | 285.9  | 325.0  | 382.2  | 440.1  | 449.2  |
| 67.5°  | 198.6  | 200.1  | 204.6  | 211.4  | 212.9  | 225.0  | 245.3  | 274.6  | 319.0  | 366.4  | 380.7  |
| 70°    | 167.0  | 169.3  | 173.0  | 178.3  | 181.3  | 188.8  | 206.2  | 225.7  | 264.1  | 305.5  | 316.0  |
| 72.5°  | 139.2  | 142.2  | 143.7  | 146.7  | 148.2  | 160.3  | 167.8  | 187.3  | 213.7  | 248.3  | 259.6  |
| 75°    | 112.9  | 115.9  | 116.6  | 118.1  | 119.6  | 124.9  | 135.4  | 147.5  | 169.3  | 191.9  | 206.9  |
| 77.5°  | 89.5   | 88.8   | 90.3   | 92.5   | 91.8   | 96.3   | 103.1  | 113.6  | 127.9  | 146.7  | 156.5  |
| 80°    | 63.2   | 63.2   | 65.5   | 67.7   | 67.0   | 71.5   | 73.7   | 81.3   | 93.3   | 105.3  | 109.1  |
| 82.5°  | 42.1   | 42.1   | 44.4   | 44.4   | 45.9   | 46.6   | 49.7   | 53.4   | 63.2   | 69.2   | 71.5   |
| 85°    | 24.1   | 24.1   | 24.8   | 24.8   | 24.8   | 26.3   | 28.6   | 30.1   | 33.1   | 36.9   | 38.4   |
| 87.5°  | 9.8    | 10.5   | 10.5   | 10.5   | 10.5   | 12.0   | 12.0   | 13.5   | 14.3   | 15.8   | 15.8   |
| 90°    | 8.0    | 7.8    | 7.5    | 7.4    | 7.2    | 6.8    | 6.5    | 6.1    | 5.7    | 5.1    | 4.6    |
| 92.5°  | 18.4   | 18.2   | 18.1   | 18.0   | 17.7   | 17.2   | 16.7   | 16.1   | 15.6   | 14.9   | 14.2   |
| 95°    | 30.1   | 29.9   | 29.8   | 29.7   | 29.4   | 28.9   | 28.3   | 27.8   | 27.2   | 26.4   | 25.6   |
| 97.5°  | 43.0   | 42.9   | 42.8   | 42.8   | 42.6   | 42.1   | 41.6   | 41.2   | 40.7   | 39.6   | 38.5   |
| 100°   | 57.7   | 57.5   | 57.4   | 57.3   | 56.9   | 56.2   | 55.5   | 54.8   | 54.1   | 53.1   | 52.1   |
| 102.5° | 72.4   | 72.2   | 71.9   | 71.8   | 71.4   | 70.6   | 69.9   | 69.1   | 68.3   | 67.9   | 67.5   |
| 105°   | 87.2   | 87.0   | 86.7   | 86.6   | 86.4   | 85.9   | 85.4   | 85.0   | 84.5   | 84.0   | 83.6   |
| 107.5° | 102.6  | 102.6  | 102.6  | 102.6  | 102.5  | 102.2  | 102.0  | 101.7  | 101.5  | 101.1  | 100.7  |
| 110°   | 119.7  | 119.8  | 119.9  | 119.9  | 119.8  | 119.5  | 119.3  | 119.0  | 118.8  | 118.6  | 118.4  |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 136.5 | 136.7 | 136.8 | 136.9  | 136.9 | 136.8 | 136.7 | 136.6 | 136.5 | 136.2 | 135.9 |
| 115°   | 154.0 | 154.1 | 154.2 | 154.2  | 154.2 | 154.3 | 154.4 | 154.4 | 154.5 | 154.3 | 154.2 |
| 117.5° | 171.4 | 171.7 | 172.0 | 172.2  | 172.2 | 172.1 | 172.0 | 172.0 | 171.9 | 171.7 | 171.6 |
| 120°   | 189.1 | 189.4 | 189.7 | 189.9  | 189.9 | 189.9 | 189.9 | 189.9 | 189.9 | 189.8 | 189.8 |
| 122.5° | 206.6 | 206.9 | 207.1 | 207.2  | 207.2 | 207.3 | 207.4 | 207.5 | 207.6 | 207.4 | 207.1 |
| 125°   | 224.0 | 224.1 | 224.2 | 224.2  | 224.3 | 224.4 | 224.6 | 224.7 | 224.9 | 224.8 | 224.8 |
| 127.5° | 241.1 | 241.3 | 241.4 | 241.5  | 241.5 | 241.6 | 241.7 | 241.8 | 241.9 | 241.8 | 241.7 |
| 130°   | 258.1 | 258.3 | 258.4 | 258.5  | 258.5 | 258.6 | 258.7 | 258.8 | 258.9 | 258.7 | 258.6 |
| 132.5° | 274.2 | 274.4 | 274.7 | 274.8  | 274.8 | 274.9 | 275.0 | 275.0 | 275.1 | 275.2 | 275.3 |
| 135°   | 291.0 | 291.3 | 291.6 | 291.8  | 291.8 | 291.8 | 291.8 | 291.8 | 291.8 | 291.7 | 291.6 |
| 137.5° | 307.4 | 307.8 | 308.2 | 308.4  | 308.4 | 308.3 | 308.2 | 308.1 | 308.0 | 307.8 | 307.7 |
| 140°   | 323.0 | 323.3 | 323.7 | 323.9  | 323.8 | 323.7 | 323.5 | 323.4 | 323.2 | 323.0 | 322.8 |
| 142.5° | 337.8 | 338.2 | 338.6 | 338.8  | 338.8 | 338.7 | 338.6 | 338.5 | 338.4 | 338.1 | 337.8 |
| 145°   | 352.3 | 352.6 | 352.8 | 352.9  | 352.9 | 352.9 | 352.9 | 352.9 | 352.9 | 352.7 | 352.5 |
| 147.5° | 365.5 | 366.2 | 366.8 | 367.1  | 367.0 | 366.7 | 366.5 | 366.2 | 366.0 | 365.8 | 365.7 |
| 150°   | 378.7 | 378.9 | 379.0 | 379.1  | 379.1 | 379.1 | 379.1 | 379.1 | 379.1 | 378.8 | 378.5 |
| 152.5° | 390.7 | 391.0 | 391.3 | 391.5  | 391.4 | 391.1 | 390.9 | 390.6 | 390.4 | 390.3 | 390.3 |
| 155°   | 401.8 | 402.2 | 402.6 | 402.8  | 402.6 | 402.3 | 402.0 | 401.7 | 401.4 | 401.3 | 401.2 |
| 157.5° | 411.3 | 411.9 | 412.4 | 412.7  | 412.5 | 412.2 | 411.9 | 411.6 | 411.3 | 411.2 | 411.1 |
| 160°   | 420.6 | 420.9 | 421.3 | 421.5  | 421.3 | 421.0 | 420.7 | 420.4 | 420.1 | 420.0 | 420.0 |
| 162.5° | 428.8 | 429.3 | 429.8 | 430.0  | 429.8 | 429.4 | 429.1 | 428.7 | 428.3 | 428.3 | 428.3 |
| 165°   | 435.9 | 436.4 | 436.9 | 437.1  | 436.9 | 436.6 | 436.3 | 436.0 | 435.7 | 435.6 | 435.5 |
| 167.5° | 441.9 | 442.4 | 442.9 | 443.1  | 442.9 | 442.4 | 441.9 | 441.5 | 441.0 | 441.0 | 441.0 |
| 170°   | 446.7 | 447.3 | 447.8 | 448.1  | 447.9 | 447.4 | 446.9 | 446.4 | 445.9 | 445.9 | 445.9 |
| 172.5° | 450.4 | 450.9 | 451.4 | 451.6  | 451.4 | 450.9 | 450.4 | 450.0 | 449.5 | 449.5 | 449.5 |
| 175°   | 452.7 | 453.3 | 453.8 | 454.1  | 453.9 | 453.4 | 452.9 | 452.5 | 452.0 | 452.0 | 452.0 |
| 177.5° | 454.1 | 454.7 | 455.2 | 455.5  | 455.3 | 454.8 | 454.3 | 453.9 | 453.4 | 453.5 | 453.5 |
| 180°   | 454.4 | 454.4 | 454.4 | 454.4  | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 911.9  | 908.1  | 903.6  | 903.6 | 898.3 | 896.1 | 891.6 | 890.1 | 886.3 | 880.3 | 875.8 |
| 5°     | 944.2  | 934.4  | 928.4  | 923.2 | 911.9 | 903.6 | 895.3 | 886.3 | 877.3 | 866.7 | 854.7 |
| 7.5°   | 975.8  | 957.8  | 949.5  | 940.5 | 923.9 | 906.6 | 890.1 | 878.0 | 866.0 | 849.4 | 834.4 |
| 10°    | 1008.9 | 986.4  | 971.3  | 959.3 | 933.7 | 911.9 | 887.8 | 870.5 | 851.7 | 830.6 | 811.1 |
| 12.5°  | 1036.8 | 1007.4 | 994.6  | 972.1 | 942.7 | 916.4 | 886.3 | 860.0 | 835.1 | 810.3 | 786.2 |
| 15°    | 1060.1 | 1032.3 | 1000.7 | 991.6 | 951.0 | 913.4 | 879.5 | 845.7 | 814.8 | 790.0 | 762.2 |
| 17.5°  | 1067.6 | 1032.3 | 1016.5 | 994.6 | 946.5 | 907.4 | 864.5 | 827.6 | 798.3 | 761.4 | 739.6 |
| 20°    | 1069.9 | 1036.0 | 1014.2 | 993.9 | 951.0 | 899.1 | 857.0 | 811.8 | 776.4 | 739.6 | 705.0 |
| 22.5°  | 1063.9 | 1024.0 | 1002.9 | 983.4 | 935.2 | 890.8 | 841.9 | 792.2 | 750.9 | 717.0 | 682.4 |
| 25°    | 1052.6 | 1005.9 | 985.6  | 964.5 | 918.6 | 869.7 | 816.3 | 768.9 | 730.6 | 689.9 | 656.1 |
| 27.5°  | 1037.5 | 984.1  | 960.8  | 939.0 | 893.8 | 847.9 | 797.5 | 748.6 | 705.7 | 662.8 | 631.2 |
| 30°    | 1018.7 | 957.0  | 936.0  | 907.4 | 863.7 | 820.1 | 774.2 | 725.3 | 677.1 | 636.5 | 601.9 |
| 32.5°  | 994.6  | 929.9  | 902.1  | 875.0 | 827.6 | 787.7 | 744.1 | 698.2 | 651.6 | 611.7 | 575.6 |
| 35°    | 972.8  | 899.1  | 868.2  | 841.2 | 788.5 | 746.4 | 710.2 | 667.4 | 626.0 | 584.6 | 552.2 |
| 37.5°  | 943.5  | 868.2  | 831.4  | 803.5 | 750.1 | 707.2 | 673.4 | 640.3 | 596.6 | 556.8 | 526.7 |
| 40°    | 912.6  | 829.9  | 795.3  | 767.4 | 711.7 | 665.1 | 632.7 | 603.4 | 568.0 | 531.2 | 499.6 |
| 42.5°  | 884.8  | 793.0  | 756.1  | 722.3 | 665.9 | 624.5 | 591.4 | 568.8 | 536.4 | 503.3 | 474.7 |
| 45°    | 849.4  | 753.9  | 714.0  | 678.6 | 624.5 | 579.3 | 547.7 | 529.7 | 505.6 | 473.2 | 448.4 |
| 47.5°  | 813.3  | 711.7  | 670.4  | 635.8 | 577.1 | 537.2 | 506.3 | 489.0 | 472.5 | 446.9 | 422.1 |
| 50°    | 765.9  | 667.4  | 629.7  | 589.9 | 531.9 | 491.3 | 465.7 | 448.4 | 435.6 | 417.6 | 396.5 |
| 52.5°  | 714.0  | 621.5  | 580.8  | 546.2 | 489.0 | 452.2 | 422.8 | 413.1 | 400.3 | 386.7 | 368.7 |
| 55°    | 659.1  | 571.8  | 532.7  | 498.8 | 446.2 | 408.5 | 384.5 | 373.9 | 364.1 | 353.6 | 341.6 |
| 57.5°  | 604.2  | 519.9  | 483.0  | 452.9 | 404.0 | 367.9 | 348.3 | 334.1 | 327.3 | 321.3 | 311.5 |
| 60°    | 535.7  | 464.2  | 435.6  | 408.5 | 360.4 | 327.3 | 308.5 | 297.9 | 291.9 | 288.9 | 284.4 |
| 62.5°  | 475.5  | 416.8  | 385.2  | 358.9 | 320.5 | 291.2 | 273.1 | 264.8 | 259.6 | 258.1 | 252.8 |
| 65°    | 411.5  | 361.1  | 336.3  | 313.7 | 280.6 | 254.3 | 239.3 | 229.5 | 225.7 | 225.0 | 225.0 |
| 67.5°  | 351.4  | 310.7  | 285.9  | 270.1 | 241.5 | 218.2 | 203.9 | 200.1 | 197.9 | 194.9 | 194.1 |
| 70°    | 294.9  | 262.6  | 240.8  | 227.2 | 201.6 | 184.3 | 173.0 | 167.0 | 167.0 | 164.8 | 163.3 |
| 72.5°  | 245.3  | 212.9  | 198.6  | 187.3 | 166.3 | 151.2 | 143.0 | 141.4 | 136.2 | 135.4 | 135.4 |
| 75°    | 191.9  | 167.8  | 158.0  | 148.2 | 132.4 | 121.9 | 115.1 | 111.4 | 108.3 | 108.3 | 109.1 |
| 77.5°  | 144.5  | 127.9  | 118.9  | 111.4 | 100.1 | 93.3  | 88.0  | 86.5  | 83.5  | 83.5  | 83.5  |
| 80°    | 102.3  | 93.3   | 86.5   | 80.5  | 72.2  | 66.2  | 63.2  | 60.2  | 60.2  | 59.4  | 60.2  |
| 82.5°  | 66.2   | 58.7   | 54.9   | 54.2  | 46.6  | 44.4  | 40.6  | 41.4  | 39.1  | 38.4  | 39.9  |
| 85°    | 38.4   | 34.6   | 30.1   | 28.6  | 25.6  | 22.6  | 21.1  | 21.8  | 21.1  | 20.3  | 21.1  |
| 87.5°  | 15.0   | 12.8   | 12.0   | 12.0  | 9.8   | 9.0   | 8.3   | 9.0   | 7.5   | 7.5   | 8.3   |
| 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°  | 13.5   | 12.8   | 12.4   | 12.2  | 11.8  | 11.4  | 11.0  | 10.6  | 11.0  | 11.4  | 11.8  |
| 95°    | 24.9   | 24.1   | 23.7   | 23.6  | 23.5  | 23.3  | 23.2  | 23.0  | 23.2  | 23.3  | 23.5  |
| 97.5°  | 37.4   | 36.3   | 35.7   | 35.7  | 35.6  | 35.5  | 35.5  | 35.4  | 35.5  | 35.5  | 35.6  |
| 100°   | 51.0   | 50.0   | 49.5   | 49.5  | 49.5  | 49.5  | 49.5  | 49.5  | 49.5  | 49.5  | 49.5  |
| 102.5° | 67.1   | 66.7   | 66.5   | 66.3  | 65.9  | 65.5  | 65.1  | 64.7  | 65.1  | 65.5  | 65.9  |
| 105°   | 83.1   | 82.6   | 82.4   | 82.2  | 81.8  | 81.4  | 81.0  | 80.6  | 81.0  | 81.4  | 81.8  |
| 107.5° | 100.3  | 99.9   | 99.7   | 99.5  | 99.1  | 98.8  | 98.4  | 98.0  | 98.4  | 98.8  | 99.1  |
| 110°   | 118.1  | 117.9  | 117.8  | 117.6 | 117.2 | 116.8 | 116.4 | 116.0 | 116.4 | 116.8 | 117.2 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 135.6 | 135.3 | 135.1  | 135.0 | 134.9 | 134.7 | 134.6 | 134.4 | 134.6 | 134.7 | 134.9 |
| 115°   | 154.0 | 153.9 | 153.8  | 153.6 | 153.3 | 153.0 | 152.7 | 152.4 | 152.7 | 153.0 | 153.3 |
| 117.5° | 171.4 | 171.3 | 171.2  | 171.2 | 171.1 | 171.0 | 170.9 | 170.8 | 170.9 | 171.0 | 171.1 |
| 120°   | 189.7 | 189.6 | 189.6  | 189.4 | 189.0 | 188.6 | 188.2 | 187.8 | 188.2 | 188.6 | 189.0 |
| 122.5° | 206.9 | 206.6 | 206.5  | 206.5 | 206.4 | 206.3 | 206.3 | 206.2 | 206.3 | 206.3 | 206.4 |
| 125°   | 224.7 | 224.6 | 224.6  | 224.4 | 223.9 | 223.4 | 222.9 | 222.4 | 222.9 | 223.4 | 223.9 |
| 127.5° | 241.6 | 241.5 | 241.5  | 241.4 | 241.2 | 240.9 | 240.7 | 240.5 | 240.7 | 240.9 | 241.2 |
| 130°   | 258.4 | 258.3 | 258.2  | 258.0 | 257.6 | 257.2 | 256.8 | 256.4 | 256.8 | 257.2 | 257.6 |
| 132.5° | 275.4 | 275.5 | 275.5  | 275.1 | 274.4 | 273.7 | 273.0 | 272.3 | 273.0 | 273.7 | 274.4 |
| 135°   | 291.5 | 291.4 | 291.4  | 291.2 | 290.7 | 290.2 | 289.8 | 289.3 | 289.8 | 290.2 | 290.7 |
| 137.5° | 307.5 | 307.4 | 307.3  | 307.1 | 306.6 | 306.1 | 305.7 | 305.2 | 305.7 | 306.1 | 306.6 |
| 140°   | 322.5 | 322.3 | 322.2  | 322.0 | 321.6 | 321.2 | 320.8 | 320.4 | 320.8 | 321.2 | 321.6 |
| 142.5° | 337.5 | 337.2 | 337.0  | 336.8 | 336.5 | 336.2 | 335.9 | 335.6 | 335.9 | 336.2 | 336.5 |
| 145°   | 352.2 | 352.0 | 351.9  | 351.7 | 351.4 | 351.1 | 350.8 | 350.5 | 350.8 | 351.1 | 351.4 |
| 147.5° | 365.5 | 365.4 | 365.3  | 365.2 | 365.0 | 364.7 | 364.5 | 364.3 | 364.5 | 364.7 | 365.0 |
| 150°   | 378.2 | 377.9 | 377.7  | 377.7 | 377.8 | 377.9 | 377.9 | 378.0 | 377.9 | 377.9 | 377.8 |
| 152.5° | 390.2 | 390.1 | 390.1  | 390.0 | 389.9 | 389.7 | 389.6 | 389.4 | 389.6 | 389.7 | 389.9 |
| 155°   | 401.1 | 401.0 | 401.0  | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 | 401.0 |
| 157.5° | 411.0 | 410.9 | 410.9  | 411.0 | 411.1 | 411.3 | 411.4 | 411.6 | 411.4 | 411.3 | 411.1 |
| 160°   | 419.9 | 419.8 | 419.8  | 419.9 | 420.1 | 420.4 | 420.6 | 420.8 | 420.6 | 420.4 | 420.1 |
| 162.5° | 428.3 | 428.3 | 428.3  | 428.4 | 428.5 | 428.7 | 428.8 | 429.0 | 428.8 | 428.7 | 428.5 |
| 165°   | 435.4 | 435.3 | 435.3  | 435.4 | 435.5 | 435.7 | 435.8 | 436.0 | 435.8 | 435.7 | 435.5 |
| 167.5° | 441.0 | 441.0 | 441.0  | 441.2 | 441.5 | 441.8 | 442.1 | 442.4 | 442.1 | 441.8 | 441.5 |
| 170°   | 445.9 | 445.9 | 445.9  | 446.1 | 446.4 | 446.7 | 447.1 | 447.4 | 447.1 | 446.7 | 446.4 |
| 172.5° | 449.5 | 449.5 | 449.5  | 449.7 | 450.0 | 450.3 | 450.6 | 450.9 | 450.6 | 450.3 | 450.0 |
| 175°   | 452.0 | 452.0 | 452.0  | 452.2 | 452.5 | 452.8 | 453.1 | 453.4 | 453.1 | 452.8 | 452.5 |
| 177.5° | 453.6 | 453.7 | 453.7  | 453.9 | 454.2 | 454.5 | 454.8 | 455.1 | 454.8 | 454.5 | 454.2 |
| 180°   | 454.4 | 454.4 | 454.4  | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.3 | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 874.3 | 872.8  | 869.0 | 866.7 | 859.2 | 850.2 | 847.2 | 839.6 | 842.7 | 837.4 | 837.4 |
| 5°     | 850.9 | 844.2  | 839.6 | 832.9 | 818.6 | 808.8 | 798.3 | 793.0 | 790.0 | 786.2 | 783.2 |
| 7.5°   | 820.8 | 815.6  | 811.1 | 798.3 | 782.5 | 768.9 | 756.1 | 750.9 | 741.1 | 734.3 | 731.3 |
| 10°    | 794.5 | 787.0  | 776.4 | 761.4 | 744.9 | 727.5 | 716.3 | 705.0 | 697.5 | 693.7 | 685.4 |
| 12.5°  | 767.4 | 758.4  | 747.1 | 725.3 | 707.2 | 696.7 | 676.4 | 665.9 | 662.1 | 659.1 | 649.3 |
| 15°    | 739.6 | 729.8  | 716.3 | 695.9 | 680.1 | 655.3 | 643.3 | 635.0 | 626.0 | 625.2 | 617.7 |
| 17.5°  | 714.8 | 702.7  | 691.4 | 666.6 | 647.0 | 625.2 | 618.5 | 609.4 | 601.1 | 592.1 | 588.4 |
| 20°    | 683.2 | 671.9  | 663.6 | 636.5 | 614.7 | 601.1 | 589.9 | 582.3 | 577.1 | 568.0 | 566.5 |
| 22.5°  | 654.6 | 642.5  | 631.2 | 610.9 | 592.1 | 574.8 | 561.3 | 553.0 | 550.7 | 547.0 | 540.2 |
| 25°    | 626.7 | 614.7  | 601.1 | 582.3 | 562.8 | 550.7 | 538.7 | 533.4 | 528.9 | 522.9 | 517.6 |
| 27.5°  | 603.4 | 592.1  | 579.3 | 556.0 | 539.5 | 530.4 | 517.6 | 511.6 | 505.6 | 502.6 | 500.3 |
| 30°    | 575.6 | 562.8  | 553.0 | 534.9 | 516.9 | 504.8 | 495.8 | 490.5 | 485.3 | 482.3 | 480.8 |
| 32.5°  | 548.5 | 536.4  | 529.7 | 510.1 | 495.8 | 481.5 | 474.7 | 471.0 | 468.0 | 465.0 | 462.0 |
| 35°    | 526.7 | 514.6  | 504.1 | 486.0 | 471.7 | 462.0 | 456.7 | 450.7 | 448.4 | 445.4 | 445.4 |
| 37.5°  | 499.6 | 490.5  | 480.0 | 462.7 | 449.9 | 442.4 | 437.9 | 430.4 | 429.6 | 428.1 | 425.8 |
| 40°    | 476.3 | 467.2  | 457.4 | 442.4 | 431.1 | 422.1 | 416.1 | 412.3 | 410.0 | 408.5 | 407.0 |
| 42.5°  | 451.4 | 441.6  | 437.1 | 419.8 | 410.0 | 401.0 | 398.0 | 394.2 | 393.5 | 390.5 | 386.7 |
| 45°    | 427.3 | 419.1  | 410.0 | 397.3 | 389.0 | 381.5 | 376.9 | 373.9 | 370.2 | 369.4 | 367.2 |
| 47.5°  | 406.3 | 396.5  | 388.2 | 376.2 | 367.2 | 361.1 | 357.4 | 353.6 | 350.6 | 348.3 | 346.1 |
| 50°    | 379.2 | 371.7  | 364.9 | 352.1 | 344.6 | 338.6 | 333.3 | 330.3 | 327.3 | 327.3 | 327.3 |
| 52.5°  | 352.9 | 346.1  | 340.1 | 331.0 | 322.0 | 316.7 | 310.7 | 308.5 | 307.0 | 304.7 | 307.0 |
| 55°    | 327.3 | 320.5  | 314.5 | 307.7 | 297.2 | 292.7 | 286.7 | 284.4 | 285.1 | 285.1 | 287.4 |
| 57.5°  | 300.2 | 294.9  | 291.2 | 282.9 | 273.1 | 268.6 | 264.8 | 262.6 | 262.6 | 265.6 | 266.3 |
| 60°    | 273.9 | 268.6  | 261.8 | 254.3 | 248.3 | 243.0 | 240.8 | 241.5 | 241.5 | 243.0 | 246.8 |
| 62.5°  | 244.5 | 241.5  | 237.8 | 227.2 | 223.5 | 219.7 | 216.7 | 218.9 | 218.2 | 222.0 | 227.2 |
| 65°    | 217.4 | 214.4  | 209.2 | 203.9 | 199.4 | 195.6 | 194.9 | 195.6 | 197.1 | 200.9 | 206.9 |
| 67.5°  | 187.3 | 187.3  | 182.8 | 178.3 | 174.6 | 170.8 | 171.5 | 172.3 | 173.8 | 178.3 | 187.3 |
| 70°    | 162.5 | 159.5  | 155.0 | 152.0 | 149.0 | 147.5 | 146.0 | 149.0 | 153.5 | 156.5 | 163.3 |
| 72.5°  | 135.4 | 133.2  | 129.4 | 126.4 | 125.6 | 124.1 | 123.4 | 124.9 | 129.4 | 134.7 | 142.2 |
| 75°    | 106.8 | 107.6  | 105.3 | 103.1 | 103.1 | 100.8 | 102.3 | 102.3 | 106.8 | 112.1 | 118.1 |
| 77.5°  | 82.8  | 82.0   | 81.3  | 79.8  | 79.0  | 79.0  | 79.0  | 80.5  | 85.0  | 88.0  | 94.0  |
| 80°    | 58.7  | 59.4   | 57.2  | 57.9  | 57.2  | 57.9  | 57.9  | 60.9  | 63.2  | 67.0  | 71.5  |
| 82.5°  | 39.1  | 39.1   | 37.6  | 38.4  | 38.4  | 38.4  | 39.1  | 40.6  | 43.6  | 46.6  | 49.7  |
| 85°    | 21.8  | 22.6   | 21.1  | 22.6  | 22.6  | 22.6  | 23.3  | 24.1  | 26.3  | 27.1  | 30.1  |
| 87.5°  | 8.3   | 9.8    | 9.8   | 8.3   | 9.0   | 9.8   | 10.5  | 9.8   | 11.3  | 12.8  | 13.5  |
| 90°    | 2.9   | 3.2    | 3.5   | 4.0   | 4.6   | 5.1   | 5.7   | 6.1   | 6.5   | 6.8   | 7.2   |
| 92.5°  | 12.2  | 12.4   | 12.8  | 13.5  | 14.2  | 14.9  | 15.6  | 16.1  | 16.7  | 17.2  | 17.7  |
| 95°    | 23.6  | 23.7   | 24.1  | 24.9  | 25.6  | 26.4  | 27.2  | 27.8  | 28.3  | 28.9  | 29.4  |
| 97.5°  | 35.7  | 35.7   | 36.3  | 37.4  | 38.5  | 39.6  | 40.7  | 41.2  | 41.6  | 42.1  | 42.6  |
| 100°   | 49.5  | 49.5   | 50.0  | 51.0  | 52.1  | 53.1  | 54.1  | 54.8  | 55.5  | 56.2  | 56.9  |
| 102.5° | 66.3  | 66.5   | 66.7  | 67.1  | 67.5  | 67.9  | 68.3  | 69.1  | 69.9  | 70.6  | 71.4  |
| 105°   | 82.2  | 82.4   | 82.6  | 83.1  | 83.6  | 84.0  | 84.5  | 85.0  | 85.4  | 85.9  | 86.4  |
| 107.5° | 99.5  | 99.7   | 99.9  | 100.3 | 100.7 | 101.1 | 101.5 | 101.7 | 102.0 | 102.2 | 102.5 |
| 110°   | 117.6 | 117.8  | 117.9 | 118.1 | 118.4 | 118.6 | 118.8 | 119.0 | 119.3 | 119.5 | 119.8 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 135.0 | 135.1  | 135.3 | 135.6 | 135.9 | 136.2 | 136.5 | 136.6 | 136.7 | 136.8 | 136.9 |
| 115°   | 153.6 | 153.8  | 153.9 | 154.0 | 154.2 | 154.3 | 154.5 | 154.4 | 154.4 | 154.3 | 154.2 |
| 117.5° | 171.2 | 171.2  | 171.3 | 171.4 | 171.6 | 171.7 | 171.9 | 172.0 | 172.0 | 172.1 | 172.2 |
| 120°   | 189.4 | 189.6  | 189.6 | 189.7 | 189.8 | 189.8 | 189.9 | 189.9 | 189.9 | 189.9 | 189.9 |
| 122.5° | 206.5 | 206.5  | 206.6 | 206.9 | 207.1 | 207.4 | 207.6 | 207.5 | 207.4 | 207.3 | 207.2 |
| 125°   | 224.4 | 224.6  | 224.6 | 224.7 | 224.8 | 224.8 | 224.9 | 224.7 | 224.6 | 224.4 | 224.3 |
| 127.5° | 241.4 | 241.5  | 241.5 | 241.6 | 241.7 | 241.8 | 241.9 | 241.8 | 241.7 | 241.6 | 241.5 |
| 130°   | 258.0 | 258.2  | 258.3 | 258.4 | 258.6 | 258.7 | 258.9 | 258.8 | 258.7 | 258.6 | 258.5 |
| 132.5° | 275.1 | 275.5  | 275.5 | 275.4 | 275.3 | 275.2 | 275.1 | 275.0 | 275.0 | 274.9 | 274.8 |
| 135°   | 291.2 | 291.4  | 291.4 | 291.5 | 291.6 | 291.7 | 291.8 | 291.8 | 291.8 | 291.8 | 291.8 |
| 137.5° | 307.1 | 307.3  | 307.4 | 307.5 | 307.7 | 307.8 | 308.0 | 308.1 | 308.2 | 308.3 | 308.4 |
| 140°   | 322.0 | 322.2  | 322.3 | 322.5 | 322.8 | 323.0 | 323.2 | 323.4 | 323.5 | 323.7 | 323.8 |
| 142.5° | 336.8 | 337.0  | 337.2 | 337.5 | 337.8 | 338.1 | 338.4 | 338.5 | 338.6 | 338.7 | 338.8 |
| 145°   | 351.7 | 351.9  | 352.0 | 352.2 | 352.5 | 352.7 | 352.9 | 352.9 | 352.9 | 352.9 | 352.9 |
| 147.5° | 365.2 | 365.3  | 365.4 | 365.5 | 365.7 | 365.8 | 366.0 | 366.2 | 366.5 | 366.7 | 367.0 |
| 150°   | 377.7 | 377.7  | 377.9 | 378.2 | 378.5 | 378.8 | 379.1 | 379.1 | 379.1 | 379.1 | 379.1 |
| 152.5° | 390.0 | 390.1  | 390.1 | 390.2 | 390.3 | 390.3 | 390.4 | 390.6 | 390.9 | 391.1 | 391.4 |
| 155°   | 401.0 | 401.0  | 401.0 | 401.1 | 401.2 | 401.3 | 401.4 | 401.7 | 402.0 | 402.3 | 402.6 |
| 157.5° | 411.0 | 410.9  | 410.9 | 411.0 | 411.1 | 411.2 | 411.3 | 411.6 | 411.9 | 412.2 | 412.5 |
| 160°   | 419.9 | 419.8  | 419.8 | 419.9 | 420.0 | 420.0 | 420.1 | 420.4 | 420.7 | 421.0 | 421.3 |
| 162.5° | 428.4 | 428.3  | 428.3 | 428.3 | 428.3 | 428.3 | 428.3 | 428.7 | 429.1 | 429.4 | 429.8 |
| 165°   | 435.4 | 435.3  | 435.3 | 435.4 | 435.5 | 435.6 | 435.7 | 436.0 | 436.3 | 436.6 | 436.9 |
| 167.5° | 441.2 | 441.0  | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.5 | 441.9 | 442.4 | 442.9 |
| 170°   | 446.1 | 445.9  | 445.9 | 445.9 | 445.9 | 445.9 | 445.9 | 446.4 | 446.9 | 447.4 | 447.9 |
| 172.5° | 449.7 | 449.5  | 449.5 | 449.5 | 449.5 | 449.5 | 449.5 | 450.0 | 450.4 | 450.9 | 451.4 |
| 175°   | 452.2 | 452.0  | 452.0 | 452.0 | 452.0 | 452.0 | 452.0 | 452.5 | 452.9 | 453.4 | 453.9 |
| 177.5° | 453.9 | 453.7  | 453.7 | 453.6 | 453.5 | 453.5 | 453.4 | 453.9 | 454.3 | 454.8 | 455.3 |
| 180°   | 454.4 | 454.4  | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  |
| 2.5°   | 840.4  | 835.1 | 834.4 | 835.9 | 832.9 | 837.4 | 835.9 | 837.4 | 833.6 | 837.4 | 835.1  |
| 5°     | 782.5  | 781.0 | 778.0 | 774.2 | 774.9 | 775.7 | 779.5 | 775.7 | 778.7 | 779.5 | 783.2  |
| 7.5°   | 728.3  | 725.3 | 727.5 | 726.0 | 719.3 | 717.8 | 719.3 | 721.5 | 726.0 | 729.1 | 731.3  |
| 10°    | 684.7  | 683.2 | 680.1 | 677.9 | 674.1 | 671.9 | 674.9 | 671.9 | 677.9 | 683.2 | 683.2  |
| 12.5°  | 651.6  | 645.5 | 641.8 | 641.0 | 632.7 | 634.3 | 637.3 | 639.5 | 646.3 | 649.3 | 649.3  |
| 15°    | 616.9  | 612.4 | 610.9 | 607.9 | 604.9 | 607.9 | 606.4 | 608.7 | 611.7 | 614.7 | 616.2  |
| 17.5°  | 586.9  | 586.1 | 586.9 | 579.3 | 581.6 | 577.8 | 578.6 | 582.3 | 580.1 | 582.3 | 586.9  |
| 20°    | 559.8  | 561.3 | 559.0 | 556.0 | 556.0 | 551.5 | 556.8 | 555.3 | 556.0 | 560.5 | 567.3  |
| 22.5°  | 539.5  | 538.7 | 536.4 | 534.2 | 531.2 | 531.9 | 532.7 | 531.2 | 537.2 | 541.0 | 541.7  |
| 25°    | 517.6  | 516.1 | 515.4 | 513.1 | 510.1 | 513.1 | 512.4 | 513.1 | 514.6 | 520.6 | 516.1  |
| 27.5°  | 497.3  | 494.3 | 495.8 | 493.6 | 492.8 | 493.6 | 493.6 | 494.3 | 495.8 | 496.6 | 497.3  |
| 30°    | 480.0  | 477.0 | 476.3 | 474.7 | 474.0 | 474.7 | 476.3 | 474.7 | 480.8 | 480.0 | 480.0  |
| 32.5°  | 461.2  | 458.9 | 457.4 | 457.4 | 456.7 | 455.9 | 456.7 | 457.4 | 462.0 | 458.9 | 462.0  |
| 35°    | 443.1  | 441.6 | 441.6 | 440.1 | 439.4 | 439.4 | 439.4 | 442.4 | 440.9 | 443.1 | 443.1  |
| 37.5°  | 425.8  | 425.8 | 425.1 | 423.6 | 422.8 | 423.6 | 422.8 | 424.3 | 423.6 | 424.3 | 425.1  |
| 40°    | 407.8  | 406.3 | 405.5 | 405.5 | 403.3 | 401.0 | 403.3 | 403.3 | 404.0 | 406.3 | 407.0  |
| 42.5°  | 386.0  | 386.7 | 386.7 | 383.7 | 383.7 | 383.7 | 384.5 | 385.2 | 385.2 | 386.7 | 386.7  |
| 45°    | 367.2  | 365.7 | 365.7 | 365.7 | 364.1 | 364.9 | 366.4 | 366.4 | 366.4 | 366.4 | 364.9  |
| 47.5°  | 346.1  | 346.1 | 346.8 | 346.8 | 349.1 | 348.3 | 348.3 | 347.6 | 346.1 | 346.1 | 346.8  |
| 50°    | 326.5  | 328.8 | 329.5 | 329.5 | 330.3 | 331.0 | 331.0 | 329.5 | 328.8 | 326.5 | 326.5  |
| 52.5°  | 307.7  | 309.2 | 310.7 | 313.0 | 314.5 | 313.7 | 313.7 | 312.2 | 309.2 | 308.5 | 307.7  |
| 55°    | 287.4  | 289.7 | 292.7 | 294.9 | 297.2 | 297.9 | 297.9 | 294.9 | 291.9 | 288.2 | 288.2  |
| 57.5°  | 268.6  | 270.9 | 276.1 | 278.4 | 281.4 | 281.4 | 279.9 | 277.6 | 273.1 | 270.1 | 267.8  |
| 60°    | 249.8  | 253.5 | 257.3 | 261.8 | 265.6 | 266.3 | 264.1 | 261.1 | 255.8 | 252.0 | 249.0  |
| 62.5°  | 229.5  | 233.2 | 240.8 | 245.3 | 248.3 | 248.3 | 248.3 | 244.5 | 237.8 | 232.5 | 228.0  |
| 65°    | 209.9  | 213.7 | 220.4 | 226.5 | 228.7 | 231.0 | 228.7 | 225.0 | 219.7 | 213.7 | 209.2  |
| 67.5°  | 189.6  | 194.1 | 200.9 | 205.4 | 208.4 | 210.7 | 209.2 | 206.2 | 199.4 | 191.1 | 188.1  |
| 70°    | 167.0  | 169.3 | 179.1 | 183.6 | 188.1 | 189.6 | 188.1 | 183.6 | 176.8 | 167.8 | 164.8  |
| 72.5°  | 146.0  | 148.2 | 157.2 | 161.0 | 164.8 | 166.3 | 164.0 | 161.0 | 155.0 | 146.7 | 143.0  |
| 75°    | 121.9  | 125.6 | 130.2 | 136.2 | 140.7 | 142.2 | 139.9 | 137.7 | 130.2 | 124.9 | 121.9  |
| 77.5°  | 96.3   | 100.1 | 106.1 | 111.4 | 115.9 | 115.1 | 112.1 | 112.9 | 104.6 | 98.6  | 96.3   |
| 80°    | 73.0   | 76.0  | 80.5  | 85.0  | 87.3  | 87.3  | 86.5  | 83.5  | 80.5  | 76.0  | 72.2   |
| 82.5°  | 50.4   | 54.2  | 57.9  | 60.9  | 60.9  | 61.7  | 60.2  | 59.4  | 56.4  | 52.7  | 51.9   |
| 85°    | 30.1   | 30.8  | 33.9  | 33.9  | 36.9  | 35.4  | 34.6  | 36.9  | 33.9  | 31.6  | 30.8   |
| 87.5°  | 13.5   | 12.8  | 13.5  | 13.5  | 12.8  | 14.3  | 14.3  | 13.5  | 14.3  | 13.5  | 13.5   |
| 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°  | 18.0   | 18.1  | 18.2  | 18.4  | 18.5  | 18.7  | 18.5  | 18.4  | 18.2  | 18.1  | 18.0   |
| 95°    | 29.7   | 29.8  | 29.9  | 30.1  | 30.2  | 30.4  | 30.2  | 30.1  | 29.9  | 29.8  | 29.7   |
| 97.5°  | 42.8   | 42.8  | 42.9  | 43.0  | 43.0  | 43.1  | 43.0  | 43.0  | 42.9  | 42.8  | 42.8   |
| 100°   | 57.3   | 57.4  | 57.5  | 57.7  | 57.8  | 58.0  | 57.8  | 57.7  | 57.5  | 57.4  | 57.3   |
| 102.5° | 71.8   | 71.9  | 72.2  | 72.4  | 72.7  | 72.9  | 72.7  | 72.4  | 72.2  | 71.9  | 71.8   |
| 105°   | 86.6   | 86.7  | 87.0  | 87.2  | 87.5  | 87.7  | 87.5  | 87.2  | 87.0  | 86.7  | 86.6   |
| 107.5° | 102.6  | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6  |
| 110°   | 119.9  | 119.9 | 119.8 | 119.7 | 119.6 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 119.9  |



TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 136.9  | 136.8 | 136.7 | 136.5 | 136.4 | 136.2 | 136.4 | 136.5 | 136.7 | 136.8 | 136.9  |
| 115°   | 154.2  | 154.2 | 154.1 | 154.0 | 153.9 | 153.8 | 153.9 | 154.0 | 154.1 | 154.2 | 154.2  |
| 117.5° | 172.2  | 172.0 | 171.7 | 171.4 | 171.1 | 170.8 | 171.1 | 171.4 | 171.7 | 172.0 | 172.2  |
| 120°   | 189.9  | 189.7 | 189.4 | 189.1 | 188.8 | 188.5 | 188.8 | 189.1 | 189.4 | 189.7 | 189.9  |
| 122.5° | 207.2  | 207.1 | 206.9 | 206.6 | 206.4 | 206.2 | 206.4 | 206.6 | 206.9 | 207.1 | 207.2  |
| 125°   | 224.2  | 224.2 | 224.1 | 224.0 | 224.0 | 223.9 | 224.0 | 224.0 | 224.1 | 224.2 | 224.2  |
| 127.5° | 241.5  | 241.4 | 241.3 | 241.1 | 241.0 | 240.8 | 241.0 | 241.1 | 241.3 | 241.4 | 241.5  |
| 130°   | 258.5  | 258.4 | 258.3 | 258.1 | 258.0 | 257.8 | 258.0 | 258.1 | 258.3 | 258.4 | 258.5  |
| 132.5° | 274.8  | 274.7 | 274.4 | 274.2 | 273.9 | 273.7 | 273.9 | 274.2 | 274.4 | 274.7 | 274.8  |
| 135°   | 291.8  | 291.6 | 291.3 | 291.0 | 290.6 | 290.3 | 290.6 | 291.0 | 291.3 | 291.6 | 291.8  |
| 137.5° | 308.4  | 308.2 | 307.8 | 307.4 | 307.0 | 306.6 | 307.0 | 307.4 | 307.8 | 308.2 | 308.4  |
| 140°   | 323.9  | 323.7 | 323.3 | 323.0 | 322.6 | 322.2 | 322.6 | 323.0 | 323.3 | 323.7 | 323.9  |
| 142.5° | 338.8  | 338.6 | 338.2 | 337.8 | 337.4 | 337.0 | 337.4 | 337.8 | 338.2 | 338.6 | 338.8  |
| 145°   | 352.9  | 352.8 | 352.6 | 352.3 | 352.1 | 351.9 | 352.1 | 352.3 | 352.6 | 352.8 | 352.9  |
| 147.5° | 367.1  | 366.8 | 366.2 | 365.5 | 364.9 | 364.3 | 364.9 | 365.5 | 366.2 | 366.8 | 367.1  |
| 150°   | 379.1  | 379.0 | 378.9 | 378.7 | 378.6 | 378.4 | 378.6 | 378.7 | 378.9 | 379.0 | 379.1  |
| 152.5° | 391.5  | 391.3 | 391.0 | 390.7 | 390.4 | 390.1 | 390.4 | 390.7 | 391.0 | 391.3 | 391.5  |
| 155°   | 402.8  | 402.6 | 402.2 | 401.8 | 401.4 | 401.0 | 401.4 | 401.8 | 402.2 | 402.6 | 402.8  |
| 157.5° | 412.7  | 412.4 | 411.9 | 411.3 | 410.8 | 410.2 | 410.8 | 411.3 | 411.9 | 412.4 | 412.7  |
| 160°   | 421.5  | 421.3 | 420.9 | 420.6 | 420.2 | 419.8 | 420.2 | 420.6 | 420.9 | 421.3 | 421.5  |
| 162.5° | 430.0  | 429.8 | 429.3 | 428.8 | 428.4 | 427.9 | 428.4 | 428.8 | 429.3 | 429.8 | 430.0  |
| 165°   | 437.1  | 436.9 | 436.4 | 435.9 | 435.5 | 435.0 | 435.5 | 435.9 | 436.4 | 436.9 | 437.1  |
| 167.5° | 443.1  | 442.9 | 442.4 | 441.9 | 441.5 | 441.0 | 441.5 | 441.9 | 442.4 | 442.9 | 443.1  |
| 170°   | 448.1  | 447.8 | 447.3 | 446.7 | 446.2 | 445.6 | 446.2 | 446.7 | 447.3 | 447.8 | 448.1  |
| 172.5° | 451.6  | 451.4 | 450.9 | 450.4 | 450.0 | 449.5 | 450.0 | 450.4 | 450.9 | 451.4 | 451.6  |
| 175°   | 454.1  | 453.8 | 453.3 | 452.7 | 452.2 | 451.6 | 452.2 | 452.7 | 453.3 | 453.8 | 454.1  |
| 177.5° | 455.5  | 455.2 | 454.7 | 454.1 | 453.6 | 453.0 | 453.6 | 454.1 | 454.7 | 455.2 | 455.5  |
| 180°   | 454.4  | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4  |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  | 886.3 |
| 2.5°   | 841.9 | 837.4 | 842.7 | 835.9 | 837.4 | 845.7 | 844.9 | 852.4 | 857.0 | 856.2  | 860.0 |
| 5°     | 786.2 | 786.2 | 788.5 | 787.7 | 795.3 | 802.0 | 811.1 | 818.6 | 826.9 | 831.4  | 836.6 |
| 7.5°   | 731.3 | 738.8 | 740.3 | 744.1 | 753.1 | 764.4 | 773.4 | 784.7 | 796.8 | 805.0  | 811.1 |
| 10°    | 686.2 | 692.2 | 698.2 | 701.2 | 711.0 | 726.0 | 738.8 | 756.9 | 771.9 | 781.0  | 789.2 |
| 12.5°  | 646.3 | 653.1 | 656.1 | 669.6 | 676.4 | 686.2 | 704.2 | 723.8 | 740.3 | 750.1  | 756.9 |
| 15°    | 617.7 | 621.5 | 628.2 | 636.5 | 643.3 | 655.3 | 670.4 | 692.2 | 708.0 | 716.3  | 739.6 |
| 17.5°  | 593.6 | 598.1 | 601.9 | 605.7 | 616.2 | 629.0 | 643.3 | 662.1 | 682.4 | 696.7  | 708.7 |
| 20°    | 568.8 | 571.1 | 575.6 | 581.6 | 589.1 | 601.1 | 613.9 | 633.5 | 651.6 | 662.8  | 678.6 |
| 22.5°  | 539.5 | 546.2 | 550.7 | 555.3 | 563.5 | 577.1 | 589.1 | 603.4 | 626.0 | 638.8  | 655.3 |
| 25°    | 522.1 | 525.2 | 528.2 | 533.4 | 539.5 | 551.5 | 565.0 | 580.1 | 598.1 | 611.7  | 626.0 |
| 27.5°  | 499.6 | 504.1 | 507.9 | 514.6 | 518.4 | 528.2 | 541.0 | 556.0 | 577.8 | 589.1  | 601.1 |
| 30°    | 480.8 | 485.3 | 488.3 | 491.3 | 496.6 | 507.1 | 519.1 | 531.2 | 551.5 | 565.8  | 577.8 |
| 32.5°  | 462.0 | 466.5 | 470.2 | 472.5 | 477.8 | 484.5 | 494.3 | 509.4 | 526.7 | 536.4  | 552.2 |
| 35°    | 445.4 | 445.4 | 449.9 | 452.9 | 457.4 | 463.5 | 472.5 | 483.8 | 501.8 | 514.6  | 528.9 |
| 37.5°  | 426.6 | 427.3 | 431.1 | 433.4 | 437.9 | 443.9 | 452.9 | 463.5 | 478.5 | 488.3  | 502.6 |
| 40°    | 407.0 | 409.3 | 410.8 | 414.6 | 419.8 | 422.1 | 431.1 | 443.1 | 458.2 | 467.2  | 479.3 |
| 42.5°  | 387.5 | 389.0 | 392.7 | 395.7 | 400.3 | 404.0 | 410.0 | 421.3 | 432.6 | 446.2  | 455.9 |
| 45°    | 365.7 | 369.4 | 371.7 | 376.9 | 379.2 | 383.0 | 389.0 | 398.0 | 411.5 | 419.8  | 431.1 |
| 47.5°  | 346.8 | 348.3 | 349.9 | 356.6 | 361.1 | 363.4 | 369.4 | 374.7 | 389.0 | 396.5  | 407.0 |
| 50°    | 326.5 | 326.5 | 328.8 | 331.8 | 337.1 | 341.6 | 346.8 | 352.9 | 364.1 | 371.7  | 382.2 |
| 52.5°  | 307.7 | 305.5 | 307.0 | 308.5 | 313.7 | 318.3 | 323.5 | 331.8 | 342.3 | 346.8  | 355.9 |
| 55°    | 287.4 | 283.6 | 285.9 | 288.2 | 289.7 | 295.7 | 301.7 | 307.0 | 315.2 | 322.0  | 330.3 |
| 57.5°  | 265.6 | 264.8 | 263.3 | 264.1 | 267.8 | 271.6 | 276.1 | 282.9 | 292.7 | 297.9  | 302.5 |
| 60°    | 246.0 | 241.5 | 240.0 | 241.5 | 243.8 | 246.0 | 252.0 | 258.1 | 266.3 | 271.6  | 276.9 |
| 62.5°  | 225.7 | 221.2 | 218.2 | 215.9 | 218.2 | 223.5 | 227.2 | 231.7 | 238.5 | 244.5  | 249.0 |
| 65°    | 206.2 | 199.4 | 196.4 | 194.9 | 194.1 | 197.9 | 200.9 | 206.9 | 212.9 | 215.2  | 220.4 |
| 67.5°  | 184.3 | 178.3 | 174.6 | 172.3 | 172.3 | 172.3 | 175.3 | 181.3 | 187.3 | 188.1  | 193.4 |
| 70°    | 162.5 | 155.7 | 152.0 | 149.0 | 147.5 | 149.0 | 152.7 | 153.5 | 158.8 | 160.3  | 163.3 |
| 72.5°  | 139.2 | 133.2 | 128.7 | 124.9 | 125.6 | 127.2 | 127.2 | 128.7 | 131.7 | 135.4  | 135.4 |
| 75°    | 117.4 | 109.1 | 106.8 | 103.8 | 102.3 | 102.3 | 102.3 | 105.3 | 107.6 | 110.6  | 109.8 |
| 77.5°  | 92.5  | 88.0  | 83.5  | 82.0  | 79.8  | 79.0  | 80.5  | 80.5  | 82.0  | 84.3   | 85.0  |
| 80°    | 71.5  | 66.2  | 63.2  | 61.7  | 58.7  | 57.9  | 58.7  | 58.7  | 60.9  | 60.2   | 60.9  |
| 82.5°  | 49.7  | 45.9  | 43.6  | 41.4  | 39.9  | 40.6  | 39.9  | 39.9  | 40.6  | 39.9   | 39.9  |
| 85°    | 28.6  | 27.8  | 26.3  | 25.6  | 24.8  | 23.3  | 24.8  | 24.1  | 23.3  | 22.6   | 24.1  |
| 87.5°  | 13.5  | 12.8  | 12.8  | 11.3  | 11.3  | 10.5  | 11.3  | 11.3  | 10.5  | 10.5   | 10.5  |
| 90°    | 7.2   | 6.8   | 6.5   | 6.1   | 5.7   | 5.1   | 4.6   | 4.0   | 3.5   | 3.2    | 2.9   |
| 92.5°  | 17.7  | 17.2  | 16.7  | 16.1  | 15.6  | 14.9  | 14.2  | 13.5  | 12.8  | 12.4   | 12.2  |
| 95°    | 29.4  | 28.9  | 28.3  | 27.8  | 27.2  | 26.4  | 25.6  | 24.9  | 24.1  | 23.7   | 23.6  |
| 97.5°  | 42.6  | 42.1  | 41.6  | 41.2  | 40.7  | 39.6  | 38.5  | 37.4  | 36.3  | 35.7   | 35.7  |
| 100°   | 56.9  | 56.2  | 55.5  | 54.8  | 54.1  | 53.1  | 52.1  | 51.0  | 50.0  | 49.5   | 49.5  |
| 102.5° | 71.4  | 70.6  | 69.9  | 69.1  | 68.3  | 67.9  | 67.5  | 67.1  | 66.7  | 66.5   | 66.3  |
| 105°   | 86.4  | 85.9  | 85.4  | 85.0  | 84.5  | 84.0  | 83.6  | 83.1  | 82.6  | 82.4   | 82.2  |
| 107.5° | 102.5 | 102.2 | 102.0 | 101.7 | 101.5 | 101.1 | 100.7 | 100.3 | 99.9  | 99.7   | 99.5  |
| 110°   | 119.8 | 119.5 | 119.3 | 119.0 | 118.8 | 118.6 | 118.4 | 118.1 | 117.9 | 117.8  | 117.6 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 136.9 | 136.8 | 136.7 | 136.6 | 136.5 | 136.2 | 135.9 | 135.6 | 135.3 | 135.1  | 135.0 |
| 115°   | 154.2 | 154.3 | 154.4 | 154.4 | 154.5 | 154.3 | 154.2 | 154.0 | 153.9 | 153.8  | 153.6 |
| 117.5° | 172.2 | 172.1 | 172.0 | 172.0 | 171.9 | 171.7 | 171.6 | 171.4 | 171.3 | 171.2  | 171.2 |
| 120°   | 189.9 | 189.9 | 189.9 | 189.9 | 189.9 | 189.8 | 189.8 | 189.7 | 189.6 | 189.6  | 189.4 |
| 122.5° | 207.2 | 207.3 | 207.4 | 207.5 | 207.6 | 207.4 | 207.1 | 206.9 | 206.6 | 206.5  | 206.5 |
| 125°   | 224.3 | 224.4 | 224.6 | 224.7 | 224.9 | 224.8 | 224.8 | 224.7 | 224.6 | 224.6  | 224.4 |
| 127.5° | 241.5 | 241.6 | 241.7 | 241.8 | 241.9 | 241.8 | 241.7 | 241.6 | 241.5 | 241.5  | 241.4 |
| 130°   | 258.5 | 258.6 | 258.7 | 258.8 | 258.9 | 258.7 | 258.6 | 258.4 | 258.3 | 258.2  | 258.0 |
| 132.5° | 274.8 | 274.9 | 275.0 | 275.0 | 275.1 | 275.2 | 275.3 | 275.4 | 275.5 | 275.5  | 275.1 |
| 135°   | 291.8 | 291.8 | 291.8 | 291.8 | 291.8 | 291.7 | 291.6 | 291.5 | 291.4 | 291.4  | 291.2 |
| 137.5° | 308.4 | 308.3 | 308.2 | 308.1 | 308.0 | 307.8 | 307.7 | 307.5 | 307.4 | 307.3  | 307.1 |
| 140°   | 323.8 | 323.7 | 323.5 | 323.4 | 323.2 | 323.0 | 322.8 | 322.5 | 322.3 | 322.2  | 322.0 |
| 142.5° | 338.8 | 338.7 | 338.6 | 338.5 | 338.4 | 338.1 | 337.8 | 337.5 | 337.2 | 337.0  | 336.8 |
| 145°   | 352.9 | 352.9 | 352.9 | 352.9 | 352.9 | 352.7 | 352.5 | 352.2 | 352.0 | 351.9  | 351.7 |
| 147.5° | 367.0 | 366.7 | 366.5 | 366.2 | 366.0 | 365.8 | 365.7 | 365.5 | 365.4 | 365.3  | 365.2 |
| 150°   | 379.1 | 379.1 | 379.1 | 379.1 | 379.1 | 378.8 | 378.5 | 378.2 | 377.9 | 377.7  | 377.7 |
| 152.5° | 391.4 | 391.1 | 390.9 | 390.6 | 390.4 | 390.3 | 390.3 | 390.2 | 390.1 | 390.1  | 390.0 |
| 155°   | 402.6 | 402.3 | 402.0 | 401.7 | 401.4 | 401.3 | 401.2 | 401.1 | 401.0 | 401.0  | 401.0 |
| 157.5° | 412.5 | 412.2 | 411.9 | 411.6 | 411.3 | 411.2 | 411.1 | 411.0 | 410.9 | 410.9  | 411.0 |
| 160°   | 421.3 | 421.0 | 420.7 | 420.4 | 420.1 | 420.0 | 420.0 | 419.9 | 419.8 | 419.8  | 419.9 |
| 162.5° | 429.8 | 429.4 | 429.1 | 428.7 | 428.3 | 428.3 | 428.3 | 428.3 | 428.3 | 428.3  | 428.4 |
| 165°   | 436.9 | 436.6 | 436.3 | 436.0 | 435.7 | 435.6 | 435.5 | 435.4 | 435.3 | 435.3  | 435.4 |
| 167.5° | 442.9 | 442.4 | 441.9 | 441.5 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0  | 441.2 |
| 170°   | 447.9 | 447.4 | 446.9 | 446.4 | 445.9 | 445.9 | 445.9 | 445.9 | 445.9 | 445.9  | 446.1 |
| 172.5° | 451.4 | 450.9 | 450.4 | 450.0 | 449.5 | 449.5 | 449.5 | 449.5 | 449.5 | 449.5  | 449.7 |
| 175°   | 453.9 | 453.4 | 452.9 | 452.5 | 452.0 | 452.0 | 452.0 | 452.0 | 452.0 | 452.0  | 452.2 |
| 177.5° | 455.3 | 454.8 | 454.3 | 453.9 | 453.4 | 453.5 | 453.5 | 453.6 | 453.7 | 453.7  | 453.9 |
| 180°   | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4 | 454.4  | 454.4 |

TEST NUMBER: P1028088

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 865.2 | 872.8 | 878.0 | 887.8 |
| 5°     | 845.7 | 859.2 | 872.0 | 885.5 |
| 7.5°   | 826.1 | 841.9 | 862.2 | 879.5 |
| 10°    | 804.3 | 824.6 | 848.7 | 872.0 |
| 12.5°  | 782.5 | 806.5 | 832.9 | 863.7 |
| 15°    | 756.1 | 787.0 | 817.8 | 850.9 |
| 17.5°  | 732.8 | 764.4 | 797.5 | 838.9 |
| 20°    | 706.5 | 741.1 | 777.2 | 819.3 |
| 22.5°  | 683.2 | 721.5 | 759.1 | 803.5 |
| 25°    | 656.8 | 694.4 | 735.8 | 783.2 |
| 27.5°  | 635.0 | 669.6 | 710.2 | 761.4 |
| 30°    | 608.7 | 646.3 | 686.9 | 738.1 |
| 32.5°  | 583.8 | 620.0 | 662.8 | 713.3 |
| 35°    | 558.3 | 595.1 | 633.5 | 681.7 |
| 37.5°  | 534.2 | 565.8 | 604.2 | 650.1 |
| 40°    | 507.1 | 541.7 | 576.3 | 612.4 |
| 42.5°  | 482.3 | 513.9 | 546.2 | 574.8 |
| 45°    | 454.4 | 481.5 | 512.4 | 535.7 |
| 47.5°  | 428.9 | 452.9 | 477.0 | 495.1 |
| 50°    | 403.3 | 422.1 | 440.1 | 455.9 |
| 52.5°  | 373.2 | 394.2 | 404.0 | 413.8 |
| 55°    | 346.1 | 358.1 | 367.2 | 376.9 |
| 57.5°  | 319.8 | 325.0 | 329.5 | 338.6 |
| 60°    | 285.1 | 291.2 | 296.4 | 303.2 |
| 62.5°  | 255.1 | 258.1 | 259.6 | 266.3 |
| 65°    | 226.5 | 225.7 | 229.5 | 233.2 |
| 67.5°  | 195.6 | 194.9 | 198.6 | 200.1 |
| 70°    | 165.5 | 164.8 | 165.5 | 169.3 |
| 72.5°  | 136.9 | 136.9 | 137.7 | 139.2 |
| 75°    | 110.6 | 110.6 | 111.4 | 112.9 |
| 77.5°  | 83.5  | 85.0  | 84.3  | 87.3  |
| 80°    | 60.9  | 59.4  | 60.9  | 62.4  |
| 82.5°  | 39.9  | 41.4  | 41.4  | 39.9  |
| 85°    | 22.6  | 22.6  | 22.6  | 22.6  |
| 87.5°  | 9.8   | 9.8   | 10.5  | 11.3  |
| 90°    | 2.3   | 1.6   | 1.0   | 0.4   |
| 92.5°  | 11.8  | 11.4  | 11.0  | 10.6  |
| 95°    | 23.5  | 23.3  | 23.2  | 23.0  |
| 97.5°  | 35.6  | 35.5  | 35.5  | 35.4  |
| 100°   | 49.5  | 49.5  | 49.5  | 49.5  |
| 102.5° | 65.9  | 65.5  | 65.1  | 64.7  |
| 105°   | 81.8  | 81.4  | 81.0  | 80.6  |
| 107.5° | 99.1  | 98.8  | 98.4  | 98.0  |
| 110°   | 117.2 | 116.8 | 116.4 | 116.0 |

TEST NUMBER: P1028088

CATALOG NUMBER: S125DIP-B610D375UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 134.9 | 134.7 | 134.6 | 134.4 |
| 115°   | 153.3 | 153.0 | 152.7 | 152.4 |
| 117.5° | 171.1 | 171.0 | 170.9 | 170.8 |
| 120°   | 189.0 | 188.6 | 188.2 | 187.8 |
| 122.5° | 206.4 | 206.3 | 206.3 | 206.2 |
| 125°   | 223.9 | 223.4 | 222.9 | 222.4 |
| 127.5° | 241.2 | 240.9 | 240.7 | 240.5 |
| 130°   | 257.6 | 257.2 | 256.8 | 256.4 |
| 132.5° | 274.4 | 273.7 | 273.0 | 272.3 |
| 135°   | 290.7 | 290.2 | 289.8 | 289.3 |
| 137.5° | 306.6 | 306.1 | 305.7 | 305.2 |
| 140°   | 321.6 | 321.2 | 320.8 | 320.4 |
| 142.5° | 336.5 | 336.2 | 335.9 | 335.6 |
| 145°   | 351.4 | 351.1 | 350.8 | 350.5 |
| 147.5° | 365.0 | 364.7 | 364.5 | 364.3 |
| 150°   | 377.8 | 377.9 | 377.9 | 378.0 |
| 152.5° | 389.9 | 389.7 | 389.6 | 389.4 |
| 155°   | 401.0 | 401.0 | 401.0 | 401.0 |
| 157.5° | 411.1 | 411.3 | 411.4 | 411.6 |
| 160°   | 420.1 | 420.4 | 420.6 | 420.8 |
| 162.5° | 428.5 | 428.7 | 428.8 | 429.0 |
| 165°   | 435.5 | 435.7 | 435.8 | 436.0 |
| 167.5° | 441.5 | 441.8 | 442.1 | 442.4 |
| 170°   | 446.4 | 446.7 | 447.1 | 447.4 |
| 172.5° | 450.0 | 450.3 | 450.6 | 450.9 |
| 175°   | 452.5 | 452.8 | 453.1 | 453.4 |
| 177.5° | 454.2 | 454.5 | 454.8 | 455.1 |
| 180°   | 454.4 | 454.4 | 454.4 | 454.4 |

(END OF REPORT)