

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: P1028071

Luminaire Tested: S125DIP-B610D375UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028071  
REPORT IS A COMBINATION OF REPORTS P1002265 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B610D375UB30-4F0-XX-W2A-A4  
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

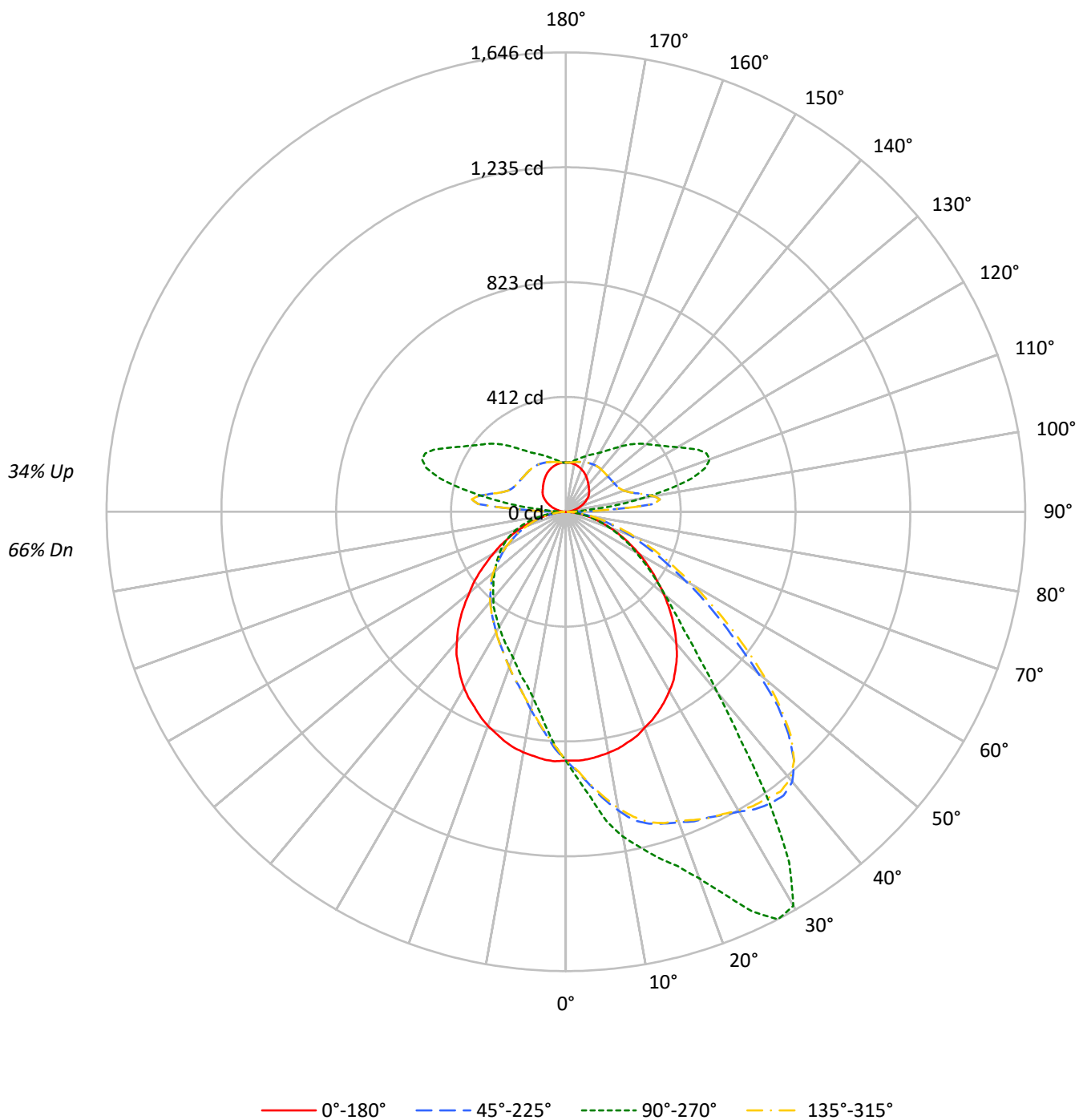
Lumens per Lamp: N/A  
Luminaire Lumens: 3840.0 lumens  
Efficiency: N/A  
Efficacy: 115.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

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: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028071

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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 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 81 | 81 | 81 | 70 | 70 | 70 |
| 1   | 102 | 97  | 93  | 90  | 95  | 92  | 88  | 85  | 81 | 79 | 76 | 72 | 70 | 68 | 63 | 61 | 60 |
| 2   | 93  | 85  | 79  | 74  | 87  | 81  | 75  | 70  | 72 | 67 | 64 | 63 | 60 | 57 | 56 | 53 | 51 |
| 3   | 85  | 75  | 68  | 62  | 79  | 71  | 64  | 59  | 63 | 58 | 54 | 56 | 52 | 49 | 49 | 46 | 44 |
| 4   | 78  | 67  | 59  | 53  | 73  | 63  | 56  | 50  | 56 | 51 | 46 | 50 | 46 | 42 | 44 | 41 | 38 |
| 5   | 71  | 60  | 51  | 45  | 67  | 57  | 49  | 44  | 51 | 45 | 40 | 45 | 40 | 36 | 40 | 36 | 33 |
| 6   | 66  | 54  | 45  | 39  | 62  | 51  | 43  | 38  | 46 | 40 | 35 | 41 | 36 | 32 | 36 | 32 | 29 |
| 7   | 61  | 49  | 40  | 35  | 57  | 46  | 39  | 33  | 42 | 35 | 31 | 37 | 32 | 28 | 33 | 29 | 26 |
| 8   | 57  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 38 | 32 | 28 | 34 | 29 | 25 | 30 | 26 | 23 |
| 9   | 53  | 40  | 33  | 28  | 50  | 38  | 31  | 27  | 35 | 29 | 25 | 31 | 26 | 23 | 28 | 24 | 21 |
| 10  | 49  | 37  | 30  | 25  | 47  | 35  | 29  | 24  | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5711 | 5711  | 5711 | 5711 |
| 5°  | 5715 | 6478  | 5720 | 4914 |
| 10° | 5680 | 7383  | 5670 | 4218 |
| 15° | 5638 | 8006  | 5603 | 3812 |
| 20° | 5567 | 8773  | 5516 | 3480 |
| 25° | 5504 | 10052 | 5403 | 3283 |
| 30° | 5413 | 10604 | 5319 | 3105 |
| 35° | 5269 | 8501  | 5159 | 2962 |
| 40° | 5045 | 5875  | 4971 | 2811 |
| 45° | 4762 | 4374  | 4708 | 2685 |
| 50° | 4438 | 3601  | 4364 | 2585 |
| 55° | 4088 | 3072  | 4055 | 2497 |
| 60° | 3745 | 2629  | 3680 | 2430 |
| 65° | 3374 | 2270  | 3321 | 2331 |
| 70° | 2983 | 1884  | 2945 | 2160 |
| 75° | 2570 | 1458  | 2536 | 1874 |
| 80° | 2029 | 986   | 1955 | 1378 |
| 85° | 1298 | 494   | 1252 | 703  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8722 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.8   | 2.2       |
| 10°-20°   | 255.5  | 6.7       |
| 20°-30°   | 415.0  | 10.8      |
| 30°-40°   | 507.2  | 13.2      |
| 40°-50°   | 460.1  | 12.0      |
| 50°-60°   | 366.5  | 9.5       |
| 60°-70°   | 255.2  | 6.6       |
| 70°-80°   | 136.0  | 3.5       |
| 80°-90°   | 34.4   | 0.9       |
| 90°-100°  | 128.3  | 3.3       |
| 100°-110° | 276.6  | 7.2       |
| 110°-120° | 257.8  | 6.7       |
| 120°-130° | 208.8  | 5.4       |
| 130°-140° | 167.7  | 4.4       |
| 140°-150° | 126.5  | 3.3       |
| 150°-160° | 89.1   | 2.3       |
| 160°-170° | 52.5   | 1.4       |
| 170°-180° | 17.1   | 0.4       |
| 0°-30°    | 756.3  | 19.7      |
| 0°-40°    | 1263.5 | 32.9      |
| 0°-60°    | 2090.1 | 54.4      |
| 0°-90°    | 2515.7 | 65.5      |
| 90°-120°  | 662.7  | 17.3      |
| 90°-150°  | 1165.7 | 30.4      |
| 90°-180°  | 1324.0 | 34.5      |
| 0°-180°   | 3840.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 891 | 891  | 891  | 891  | 891  |      |
| 5°   | 890 | 1028 | 891  | 780  | 890  | 85   |
| 15°  | 856 | 1284 | 850  | 611  | 856  | 241  |
| 25°  | 788 | 1580 | 773  | 516  | 788  | 363  |
| 35°  | 686 | 1268 | 671  | 442  | 686  | 428  |
| 45°  | 539 | 598  | 533  | 367  | 539  | 415  |
| 55°  | 379 | 368  | 376  | 300  | 379  | 339  |
| 65°  | 234 | 226  | 231  | 232  | 234  | 233  |
| 75°  | 114 | 111  | 112  | 143  | 114  | 121  |
| 85°  | 23  | 25   | 22   | 36   | 23   | 27   |
| 90°  | 0   | 8    | 0    | 8    | 0    | 2    |
| 95°  | 12  | 84   | 12   | 84   | 12   | 12   |
| 105° | 40  | 471  | 40   | 471  | 40   | 42   |
| 115° | 72  | 525  | 72   | 525  | 72   | 71   |
| 125° | 100 | 413  | 100  | 413  | 100  | 88   |
| 135° | 117 | 343  | 117  | 343  | 117  | 90   |
| 145° | 136 | 271  | 136  | 271  | 136  | 85   |
| 155° | 155 | 227  | 155  | 227  | 155  | 71   |
| 165° | 169 | 199  | 169  | 199  | 169  | 48   |
| 175° | 176 | 179  | 176  | 179  | 176  | 17   |
| 180° | 176 | 176  | 176  | 176  | 176  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 891.3 | 891.3 | 891.3 | 891.3 | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  |
| 2.5°   | 892.8 | 898.1 | 904.1 | 908.7 | 916.2  | 918.5  | 922.3  | 924.5  | 926.8  | 929.1  | 930.6  |
| 5°     | 890.5 | 903.4 | 914.7 | 923.0 | 937.4  | 942.7  | 949.5  | 957.8  | 967.7  | 976.0  | 981.3  |
| 7.5°   | 884.4 | 904.9 | 920.0 | 936.7 | 956.3  | 969.2  | 976.0  | 993.4  | 1009.3 | 1021.4 | 1037.3 |
| 10°    | 876.9 | 901.1 | 924.5 | 949.5 | 977.5  | 991.9  | 1005.5 | 1029.7 | 1051.7 | 1071.3 | 1087.2 |
| 12.5°  | 868.6 | 898.1 | 926.1 | 958.6 | 996.4  | 1013.8 | 1022.9 | 1064.5 | 1091.8 | 1102.3 | 1133.4 |
| 15°    | 855.7 | 890.5 | 930.6 | 970.7 | 1002.5 | 1022.9 | 1047.9 | 1081.2 | 1108.4 | 1131.9 | 1156.8 |
| 17.5°  | 843.6 | 881.4 | 922.3 | 966.9 | 1013.1 | 1039.5 | 1058.5 | 1088.0 | 1117.5 | 1147.7 | 1171.2 |
| 20°    | 823.9 | 873.1 | 914.7 | 962.4 | 1016.9 | 1035.8 | 1055.4 | 1090.2 | 1122.0 | 1154.5 | 1184.1 |
| 22.5°  | 808.0 | 854.9 | 911.7 | 957.1 | 1003.2 | 1022.1 | 1046.4 | 1082.7 | 1120.5 | 1157.6 | 1200.7 |
| 25°    | 787.6 | 839.8 | 889.0 | 937.4 | 985.1  | 1005.5 | 1027.4 | 1074.4 | 1113.7 | 1161.4 | 1209.0 |
| 27.5°  | 765.7 | 819.4 | 868.6 | 912.4 | 957.1  | 985.1  | 1008.5 | 1057.7 | 1109.9 | 1162.1 | 1224.2 |
| 30°    | 742.2 | 792.9 | 839.8 | 882.9 | 932.1  | 960.9  | 984.3  | 1041.8 | 1100.1 | 1166.7 | 1240.8 |
| 32.5°  | 717.2 | 764.9 | 805.0 | 848.9 | 901.1  | 927.6  | 959.4  | 1022.1 | 1091.0 | 1170.4 | 1263.5 |
| 35°    | 685.5 | 730.9 | 766.4 | 811.1 | 863.3  | 897.3  | 930.6  | 1001.0 | 1081.2 | 1169.7 | 1276.4 |
| 37.5°  | 653.7 | 689.2 | 723.3 | 771.0 | 831.5  | 862.5  | 897.3  | 974.5  | 1066.0 | 1167.4 | 1281.7 |
| 40°    | 615.9 | 650.7 | 680.2 | 728.6 | 792.1  | 827.7  | 864.0  | 945.0  | 1048.6 | 1159.1 | 1262.7 |
| 42.5°  | 578.0 | 607.5 | 640.1 | 690.8 | 752.0  | 789.9  | 828.5  | 918.5  | 1025.9 | 1134.9 | 1210.5 |
| 45°    | 538.7 | 561.4 | 596.9 | 643.1 | 708.2  | 744.5  | 788.4  | 886.0  | 994.2  | 1091.0 | 1128.8 |
| 47.5°  | 497.8 | 520.5 | 553.8 | 598.5 | 662.8  | 705.9  | 747.5  | 845.1  | 954.1  | 1029.0 | 1029.0 |
| 50°    | 458.5 | 476.6 | 509.2 | 553.8 | 618.9  | 658.2  | 700.6  | 804.3  | 892.0  | 947.2  | 898.1  |
| 52.5°  | 416.1 | 436.5 | 463.8 | 510.7 | 575.0  | 610.6  | 656.7  | 745.2  | 828.5  | 851.2  | 775.5  |
| 55°    | 379.0 | 395.7 | 421.4 | 466.1 | 525.8  | 562.9  | 602.2  | 687.0  | 757.3  | 755.8  | 674.9  |
| 57.5°  | 340.5 | 354.1 | 381.3 | 422.2 | 477.4  | 510.7  | 550.0  | 623.4  | 680.9  | 660.5  | 584.1  |
| 60°    | 304.9 | 314.7 | 341.2 | 374.5 | 427.5  | 458.5  | 496.3  | 556.1  | 600.0  | 571.2  | 494.1  |
| 62.5°  | 267.8 | 279.2 | 300.4 | 332.9 | 379.8  | 404.8  | 432.8  | 493.3  | 521.3  | 495.6  | 416.9  |
| 65°    | 234.5 | 243.6 | 262.5 | 289.8 | 332.1  | 354.8  | 379.0  | 429.0  | 455.5  | 418.4  | 353.3  |
| 67.5°  | 201.3 | 211.8 | 225.5 | 249.7 | 283.0  | 304.1  | 325.3  | 368.5  | 380.6  | 347.3  | 292.8  |
| 70°    | 170.2 | 179.3 | 192.2 | 209.6 | 237.6  | 256.5  | 272.4  | 307.9  | 316.3  | 285.2  | 242.1  |
| 72.5°  | 140.0 | 146.0 | 156.6 | 171.0 | 196.7  | 207.3  | 223.9  | 248.2  | 258.8  | 230.8  | 199.7  |
| 75°    | 113.5 | 118.0 | 124.8 | 135.4 | 152.8  | 164.2  | 177.8  | 200.5  | 199.7  | 180.1  | 158.1  |
| 77.5°  | 87.8  | 88.5  | 96.1  | 105.9 | 116.5  | 126.3  | 133.2  | 149.0  | 150.6  | 138.5  | 120.3  |
| 80°    | 62.8  | 65.1  | 68.1  | 75.7  | 84.7   | 88.5   | 96.8   | 106.7  | 108.2  | 99.1   | 87.0   |
| 82.5°  | 40.1  | 41.6  | 43.9  | 48.4  | 54.5   | 59.0   | 63.6   | 67.3   | 71.1   | 65.8   | 56.0   |
| 85°    | 22.7  | 23.5  | 25.7  | 27.2  | 30.3   | 32.5   | 36.3   | 40.1   | 39.3   | 35.6   | 32.5   |
| 87.5°  | 11.3  | 11.3  | 11.3  | 12.9  | 14.4   | 14.4   | 15.9   | 16.6   | 17.4   | 15.9   | 14.4   |
| 90°    | 0.4   | 0.7   | 1.4   | 2.1   | 2.8    | 3.2    | 3.6    | 3.9    | 4.6    | 5.0    | 5.7    |
| 92.5°  | 5.3   | 6.4   | 10.0  | 15.3  | 22.8   | 29.2   | 35.5   | 59.7   | 100.2  | 144.3  | 141.8  |
| 95°    | 11.7  | 12.1  | 14.9  | 18.8  | 26.7   | 34.7   | 42.7   | 80.7   | 158.9  | 257.0  | 314.9  |
| 97.5°  | 18.1  | 18.5  | 20.6  | 24.5  | 31.6   | 37.5   | 43.4   | 69.7   | 129.7  | 235.7  | 340.2  |
| 100°   | 24.9  | 25.6  | 27.0  | 30.9  | 37.7   | 43.0   | 48.3   | 69.0   | 115.2  | 204.8  | 321.0  |
| 102.5° | 32.3  | 32.7  | 33.8  | 38.0  | 44.1   | 49.2   | 54.4   | 72.2   | 109.1  | 181.3  | 287.2  |
| 105°   | 40.2  | 40.2  | 41.9  | 45.5  | 51.2   | 56.2   | 61.1   | 76.8   | 108.4  | 167.8  | 257.7  |
| 107.5° | 47.6  | 48.3  | 50.1  | 53.0  | 59.0   | 63.4   | 67.9   | 83.2   | 110.9  | 160.7  | 235.7  |
| 110°   | 55.8  | 56.5  | 57.9  | 61.1  | 66.5   | 71.1   | 75.7   | 90.3   | 114.8  | 157.8  | 221.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 64.0  | 64.7  | 65.8  | 69.0  | 74.3  | 78.8  | 83.2  | 97.0  | 119.8 | 157.8 | 212.6 |
| 115°   | 71.8  | 72.5  | 73.6  | 76.8  | 82.1  | 86.6  | 91.0  | 104.2 | 124.8 | 158.9 | 206.9 |
| 117.5° | 78.9  | 80.0  | 81.0  | 84.2  | 90.3  | 94.6  | 98.8  | 111.3 | 130.5 | 160.7 | 203.7 |
| 120°   | 86.0  | 87.1  | 88.5  | 91.7  | 97.8  | 102.2 | 106.6 | 119.1 | 136.1 | 163.5 | 201.6 |
| 122.5° | 93.5  | 94.2  | 95.3  | 98.5  | 105.2 | 109.6 | 114.1 | 126.5 | 142.5 | 166.0 | 199.8 |
| 125°   | 99.5  | 100.2 | 102.0 | 105.2 | 112.0 | 116.6 | 121.2 | 132.9 | 148.2 | 168.9 | 198.4 |
| 127.5° | 104.5 | 105.6 | 107.7 | 111.6 | 118.7 | 123.4 | 128.0 | 139.3 | 153.6 | 172.0 | 197.6 |
| 130°   | 109.1 | 110.2 | 113.0 | 117.7 | 125.1 | 129.8 | 134.4 | 145.4 | 158.9 | 174.9 | 196.9 |
| 132.5° | 112.7 | 114.1 | 117.7 | 123.0 | 130.8 | 135.4 | 140.1 | 151.1 | 163.5 | 178.1 | 196.9 |
| 135°   | 116.6 | 118.0 | 122.3 | 128.0 | 135.4 | 140.2 | 145.0 | 156.1 | 167.8 | 180.9 | 196.9 |
| 137.5° | 121.6 | 122.6 | 126.5 | 132.2 | 139.7 | 144.7 | 149.7 | 159.6 | 171.0 | 183.8 | 197.3 |
| 140°   | 125.8 | 126.9 | 131.2 | 136.9 | 143.6 | 148.4 | 153.2 | 163.5 | 174.2 | 185.6 | 197.6 |
| 142.5° | 130.8 | 131.5 | 135.4 | 141.1 | 147.5 | 152.0 | 156.4 | 166.0 | 176.0 | 186.6 | 198.0 |
| 145°   | 135.8 | 136.5 | 140.1 | 145.0 | 151.4 | 155.5 | 159.6 | 168.9 | 177.7 | 187.3 | 197.6 |
| 147.5° | 141.1 | 141.5 | 144.7 | 149.3 | 155.0 | 158.8 | 162.5 | 170.6 | 178.8 | 187.7 | 196.9 |
| 150°   | 145.7 | 146.5 | 148.9 | 153.6 | 158.5 | 161.6 | 164.6 | 172.4 | 179.9 | 187.7 | 195.9 |
| 152.5° | 150.7 | 151.1 | 153.2 | 157.1 | 161.7 | 164.4 | 167.1 | 174.2 | 180.6 | 187.3 | 194.4 |
| 155°   | 155.0 | 155.0 | 157.1 | 160.7 | 164.2 | 166.7 | 169.2 | 175.2 | 180.9 | 186.6 | 192.7 |
| 157.5° | 158.9 | 158.9 | 160.7 | 163.9 | 167.1 | 169.0 | 171.0 | 176.3 | 181.3 | 185.9 | 190.9 |
| 160°   | 162.8 | 162.5 | 163.9 | 166.4 | 169.2 | 170.8 | 172.4 | 177.0 | 181.3 | 184.8 | 189.1 |
| 162.5° | 166.0 | 165.7 | 167.1 | 169.2 | 171.3 | 172.6 | 173.8 | 177.7 | 180.9 | 183.8 | 187.0 |
| 165°   | 169.2 | 168.5 | 169.6 | 171.3 | 172.8 | 173.9 | 174.9 | 177.7 | 180.6 | 182.7 | 184.8 |
| 167.5° | 171.3 | 171.0 | 171.7 | 172.8 | 173.8 | 174.5 | 175.2 | 177.7 | 179.9 | 180.9 | 182.7 |
| 170°   | 173.5 | 173.1 | 173.5 | 174.2 | 174.9 | 175.4 | 176.0 | 177.7 | 179.2 | 179.9 | 180.9 |
| 172.5° | 174.9 | 174.2 | 174.5 | 175.2 | 175.6 | 175.8 | 176.0 | 177.4 | 178.4 | 178.4 | 178.8 |
| 175°   | 176.0 | 175.2 | 175.6 | 176.0 | 176.0 | 176.0 | 176.0 | 177.0 | 177.7 | 177.4 | 177.4 |
| 177.5° | 176.7 | 176.0 | 176.0 | 176.3 | 176.0 | 176.0 | 176.0 | 176.7 | 177.0 | 176.3 | 176.3 |
| 180°   | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  |
| 2.5°   | 932.1  | 937.4  | 941.9  | 945.7  | 948.8  | 953.3  | 950.3  | 951.0  | 952.5  | 955.6  | 955.6  |
| 5°     | 992.6  | 1001.0 | 1005.5 | 1020.6 | 1024.4 | 1023.7 | 1021.4 | 1033.5 | 1032.7 | 1028.2 | 1027.4 |
| 7.5°   | 1051.7 | 1066.0 | 1078.9 | 1091.0 | 1094.8 | 1104.6 | 1106.9 | 1112.2 | 1110.7 | 1118.2 | 1114.5 |
| 10°    | 1105.4 | 1128.1 | 1140.2 | 1158.3 | 1162.9 | 1167.4 | 1173.5 | 1176.5 | 1183.3 | 1182.5 | 1182.5 |
| 12.5°  | 1147.0 | 1174.2 | 1190.1 | 1194.6 | 1212.0 | 1217.3 | 1222.6 | 1232.5 | 1230.2 | 1231.0 | 1235.5 |
| 15°    | 1179.5 | 1206.0 | 1219.6 | 1240.8 | 1252.9 | 1259.0 | 1268.0 | 1278.6 | 1277.1 | 1283.9 | 1282.4 |
| 17.5°  | 1203.7 | 1228.7 | 1253.7 | 1285.4 | 1286.2 | 1302.1 | 1323.3 | 1327.8 | 1337.6 | 1330.8 | 1330.8 |
| 20°    | 1223.4 | 1256.7 | 1292.2 | 1333.1 | 1337.6 | 1347.5 | 1373.2 | 1390.6 | 1402.0 | 1398.2 | 1400.4 |
| 22.5°  | 1244.6 | 1292.2 | 1333.9 | 1374.7 | 1396.7 | 1414.1 | 1439.0 | 1466.3 | 1476.1 | 1482.2 | 1480.6 |
| 25°    | 1271.8 | 1321.8 | 1383.0 | 1439.8 | 1462.5 | 1495.8 | 1529.1 | 1555.5 | 1563.1 | 1579.8 | 1564.6 |
| 27.5°  | 1299.8 | 1370.2 | 1446.6 | 1513.2 | 1541.9 | 1569.2 | 1609.3 | 1628.9 | 1638.8 | 1646.3 | 1641.0 |
| 30°    | 1323.3 | 1420.1 | 1503.3 | 1564.6 | 1585.0 | 1600.9 | 1623.6 | 1628.2 | 1624.4 | 1630.4 | 1638.0 |
| 32.5°  | 1359.6 | 1454.2 | 1524.5 | 1554.0 | 1551.8 | 1551.0 | 1533.6 | 1509.4 | 1504.1 | 1489.7 | 1509.4 |
| 35°    | 1379.3 | 1454.9 | 1482.2 | 1442.8 | 1426.9 | 1398.2 | 1342.9 | 1306.6 | 1274.8 | 1268.0 | 1269.6 |
| 37.5°  | 1367.9 | 1397.4 | 1364.9 | 1261.2 | 1235.5 | 1191.6 | 1118.2 | 1066.8 | 1043.3 | 1025.2 | 1048.6 |
| 40°    | 1306.6 | 1274.1 | 1184.8 | 1058.5 | 1021.4 | 979.8  | 910.9  | 882.9  | 849.6  | 842.8  | 873.9  |
| 42.5°  | 1205.2 | 1106.1 | 979.8  | 882.2  | 843.6  | 820.1  | 762.6  | 736.2  | 712.7  | 702.1  | 719.5  |
| 45°    | 1067.5 | 947.2  | 820.1  | 739.9  | 707.4  | 679.4  | 645.4  | 617.4  | 602.2  | 597.7  | 612.1  |
| 47.5°  | 925.3  | 798.2  | 696.8  | 637.0  | 603.0  | 581.8  | 550.0  | 534.1  | 522.0  | 523.6  | 525.8  |
| 50°    | 789.1  | 673.4  | 595.4  | 535.7  | 519.0  | 502.4  | 481.2  | 467.6  | 461.5  | 463.8  | 462.3  |
| 52.5°  | 671.8  | 578.0  | 512.2  | 466.1  | 458.5  | 442.6  | 425.2  | 413.9  | 411.6  | 412.3  | 414.6  |
| 55°    | 569.0  | 495.6  | 443.4  | 410.1  | 401.7  | 390.4  | 379.8  | 372.2  | 366.2  | 368.5  | 367.7  |
| 57.5°  | 491.0  | 426.7  | 386.6  | 359.4  | 353.3  | 346.5  | 336.7  | 332.9  | 330.6  | 326.1  | 329.9  |
| 60°    | 422.2  | 370.0  | 335.2  | 318.5  | 313.2  | 308.7  | 298.1  | 293.6  | 292.0  | 289.8  | 295.8  |
| 62.5°  | 357.1  | 320.0  | 293.6  | 278.4  | 273.1  | 268.6  | 263.3  | 259.5  | 260.3  | 257.2  | 260.3  |
| 65°    | 305.7  | 275.4  | 256.5  | 242.9  | 236.1  | 233.0  | 232.3  | 226.2  | 225.5  | 226.2  | 227.0  |
| 67.5°  | 258.0  | 232.3  | 217.9  | 209.6  | 204.3  | 201.3  | 199.0  | 195.2  | 198.2  | 196.0  | 197.5  |
| 70°    | 214.9  | 197.5  | 182.3  | 174.0  | 171.7  | 172.5  | 168.7  | 167.2  | 168.0  | 166.4  | 168.0  |
| 72.5°  | 173.3  | 158.9  | 152.8  | 146.8  | 143.8  | 143.0  | 140.7  | 138.5  | 140.7  | 140.0  | 140.0  |
| 75°    | 138.5  | 127.9  | 121.1  | 117.3  | 117.3  | 115.8  | 112.0  | 112.0  | 112.0  | 111.2  | 112.0  |
| 77.5°  | 106.7  | 97.6   | 94.6   | 90.8   | 90.8   | 88.5   | 87.8   | 87.8   | 86.3   | 88.5   | 87.0   |
| 80°    | 79.4   | 72.6   | 68.1   | 65.8   | 65.8   | 65.1   | 63.6   | 62.8   | 63.6   | 62.8   | 62.8   |
| 82.5°  | 51.4   | 48.4   | 46.2   | 43.9   | 43.1   | 43.9   | 43.1   | 41.6   | 42.4   | 41.6   | 43.1   |
| 85°    | 29.5   | 26.5   | 26.5   | 25.0   | 25.7   | 24.2   | 25.0   | 23.5   | 22.7   | 25.0   | 23.5   |
| 87.5°  | 12.9   | 12.1   | 12.1   | 10.6   | 10.6   | 10.6   | 9.8    | 10.6   | 9.8    | 9.1    | 9.8    |
| 90°    | 6.0    | 6.4    | 6.8    | 7.1    | 7.4    | 7.8    | 7.8    | 7.8    | 8.2    | 8.2    | 8.2    |
| 92.5°  | 114.5  | 77.1   | 55.5   | 41.2   | 37.8   | 34.5   | 28.8   | 27.7   | 27.0   | 26.3   | 27.0   |
| 95°    | 308.2  | 255.6  | 201.6  | 157.8  | 142.9  | 128.0  | 102.7  | 92.1   | 89.2   | 83.5   | 89.2   |
| 97.5°  | 385.0  | 366.5  | 323.5  | 279.4  | 258.0  | 236.7  | 215.4  | 196.9  | 187.3  | 183.1  | 187.3  |
| 100°   | 409.9  | 437.2  | 419.8  | 383.2  | 364.7  | 346.2  | 321.7  | 296.1  | 283.0  | 277.3  | 283.0  |
| 102.5° | 394.9  | 461.0  | 478.8  | 466.0  | 455.0  | 444.0  | 417.3  | 401.0  | 386.4  | 382.5  | 386.4  |
| 105°   | 359.7  | 445.1  | 493.8  | 509.4  | 507.4  | 505.5  | 494.1  | 482.4  | 475.3  | 471.0  | 475.3  |
| 107.5° | 326.3  | 412.3  | 476.7  | 514.4  | 522.2  | 530.0  | 533.2  | 531.4  | 527.9  | 524.3  | 527.9  |
| 110°   | 298.6  | 375.4  | 442.9  | 493.0  | 508.2  | 523.3  | 539.3  | 546.0  | 548.5  | 548.5  | 548.5  |



TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 278.0 | 346.2 | 409.5 | 460.3 | 478.8 | 497.3 | 522.5 | 535.3 | 542.5 | 545.7 | 542.5 |
| 115°   | 264.1 | 322.8 | 377.9 | 426.6 | 446.0 | 465.3 | 493.0 | 510.1 | 520.1 | 524.7 | 520.1 |
| 117.5° | 254.9 | 306.4 | 355.1 | 397.8 | 416.1 | 434.4 | 462.5 | 480.2 | 490.2 | 493.0 | 490.2 |
| 120°   | 247.4 | 293.6 | 336.3 | 375.4 | 391.0 | 406.7 | 433.0 | 450.0 | 459.6 | 462.5 | 459.6 |
| 122.5° | 241.0 | 284.0 | 322.8 | 356.5 | 370.9 | 385.3 | 408.1 | 423.4 | 433.0 | 435.5 | 433.0 |
| 125°   | 235.3 | 274.8 | 311.0 | 342.0 | 354.8 | 367.6 | 387.5 | 402.0 | 409.9 | 413.4 | 409.9 |
| 127.5° | 230.0 | 265.2 | 299.7 | 328.8 | 340.9 | 353.0 | 371.1 | 384.3 | 391.7 | 393.2 | 391.7 |
| 130°   | 224.7 | 256.3 | 287.6 | 315.3 | 326.8 | 338.4 | 356.2 | 367.9 | 375.0 | 377.2 | 375.0 |
| 132.5° | 220.4 | 247.4 | 276.2 | 300.7 | 311.8 | 322.8 | 340.5 | 352.3 | 358.7 | 361.2 | 358.7 |
| 135°   | 217.2 | 239.9 | 264.5 | 287.2 | 297.4 | 307.5 | 323.1 | 334.9 | 341.3 | 343.4 | 341.3 |
| 137.5° | 214.0 | 233.2 | 253.8 | 273.4 | 282.2 | 291.1 | 305.4 | 316.4 | 322.4 | 324.9 | 322.4 |
| 140°   | 211.9 | 227.9 | 244.6 | 260.9 | 268.4 | 275.8 | 289.0 | 298.2 | 303.6 | 305.4 | 303.6 |
| 142.5° | 210.1 | 223.2 | 236.7 | 250.3 | 256.5 | 262.7 | 273.4 | 280.8 | 285.8 | 287.2 | 285.8 |
| 145°   | 208.3 | 219.3 | 230.3 | 241.4 | 246.2 | 251.0 | 259.5 | 265.5 | 269.4 | 270.9 | 269.4 |
| 147.5° | 206.5 | 215.4 | 224.7 | 233.5 | 237.2 | 241.0 | 248.1 | 253.1 | 255.6 | 256.3 | 255.6 |
| 150°   | 204.4 | 212.2 | 220.0 | 226.8 | 230.0 | 233.2 | 238.5 | 242.8 | 244.2 | 244.6 | 244.2 |
| 152.5° | 201.9 | 208.7 | 215.4 | 221.5 | 223.8 | 226.1 | 230.3 | 233.5 | 235.0 | 235.3 | 235.0 |
| 155°   | 199.1 | 205.1 | 210.8 | 215.8 | 217.8 | 219.7 | 223.2 | 225.7 | 226.8 | 227.1 | 226.8 |
| 157.5° | 196.6 | 201.6 | 206.5 | 210.4 | 212.0 | 213.6 | 216.5 | 218.6 | 219.7 | 219.7 | 219.7 |
| 160°   | 193.4 | 198.0 | 201.6 | 205.1 | 206.4 | 207.6 | 210.1 | 211.9 | 212.6 | 212.2 | 212.6 |
| 162.5° | 190.5 | 194.1 | 197.3 | 200.1 | 201.2 | 202.3 | 204.0 | 205.5 | 205.5 | 205.5 | 205.5 |
| 165°   | 187.7 | 190.5 | 193.0 | 195.2 | 196.0 | 196.9 | 198.4 | 199.1 | 199.1 | 199.1 | 199.1 |
| 167.5° | 184.8 | 187.0 | 188.8 | 190.5 | 191.2 | 192.0 | 192.7 | 193.4 | 193.0 | 193.0 | 193.0 |
| 170°   | 182.4 | 184.1 | 185.2 | 186.3 | 186.6 | 187.0 | 187.7 | 188.0 | 188.0 | 187.7 | 188.0 |
| 172.5° | 179.9 | 180.9 | 182.0 | 182.7 | 182.9 | 183.1 | 183.1 | 183.8 | 183.1 | 182.7 | 183.1 |
| 175°   | 177.7 | 178.8 | 178.8 | 179.5 | 179.5 | 179.5 | 179.5 | 179.9 | 179.2 | 178.8 | 179.2 |
| 177.5° | 176.7 | 177.0 | 177.4 | 177.4 | 177.4 | 177.4 | 177.0 | 177.4 | 176.3 | 176.3 | 176.3 |
| 180°   | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  | 891.3  |
| 2.5°   | 954.1  | 948.8  | 950.3  | 948.8  | 945.0  | 942.7  | 936.7  | 929.1  | 926.1  | 922.3  | 920.0  |
| 5°     | 1030.5 | 1026.7 | 1025.9 | 1019.9 | 1018.4 | 1009.3 | 994.2  | 986.6  | 977.5  | 968.4  | 959.4  |
| 7.5°   | 1113.7 | 1109.2 | 1094.0 | 1091.8 | 1093.3 | 1081.9 | 1062.2 | 1047.1 | 1028.2 | 1015.3 | 997.9  |
| 10°    | 1182.5 | 1173.5 | 1160.6 | 1161.4 | 1156.1 | 1140.9 | 1121.3 | 1105.4 | 1078.1 | 1061.5 | 1036.5 |
| 12.5°  | 1224.2 | 1216.6 | 1215.1 | 1207.5 | 1203.0 | 1183.3 | 1159.8 | 1139.4 | 1119.0 | 1096.3 | 1077.4 |
| 15°    | 1274.8 | 1265.0 | 1258.2 | 1247.6 | 1244.6 | 1224.2 | 1198.4 | 1175.0 | 1151.5 | 1130.3 | 1090.2 |
| 17.5°  | 1330.8 | 1320.2 | 1294.5 | 1292.2 | 1274.1 | 1254.4 | 1229.5 | 1194.6 | 1169.7 | 1139.4 | 1109.9 |
| 20°    | 1394.4 | 1379.3 | 1346.0 | 1337.6 | 1323.3 | 1290.7 | 1256.7 | 1218.1 | 1178.0 | 1147.0 | 1112.2 |
| 22.5°  | 1465.5 | 1439.0 | 1414.8 | 1388.3 | 1377.7 | 1337.6 | 1290.7 | 1243.8 | 1195.4 | 1153.0 | 1111.4 |
| 25°    | 1557.8 | 1523.0 | 1489.0 | 1462.5 | 1444.3 | 1392.1 | 1329.3 | 1267.3 | 1211.3 | 1156.1 | 1101.6 |
| 27.5°  | 1630.4 | 1600.2 | 1563.1 | 1528.3 | 1504.8 | 1442.8 | 1370.9 | 1290.7 | 1221.1 | 1153.8 | 1095.5 |
| 30°    | 1635.7 | 1626.7 | 1604.0 | 1585.0 | 1559.3 | 1492.7 | 1413.3 | 1322.5 | 1236.3 | 1154.5 | 1083.4 |
| 32.5°  | 1536.6 | 1554.8 | 1564.6 | 1567.6 | 1562.3 | 1523.8 | 1451.1 | 1351.3 | 1249.9 | 1147.7 | 1072.8 |
| 35°    | 1323.3 | 1371.7 | 1431.5 | 1454.2 | 1476.1 | 1496.5 | 1458.7 | 1371.7 | 1254.4 | 1146.2 | 1056.2 |
| 37.5°  | 1089.5 | 1133.4 | 1232.5 | 1277.9 | 1303.6 | 1384.6 | 1415.6 | 1368.7 | 1263.5 | 1147.7 | 1040.3 |
| 40°    | 879.2  | 948.8  | 1019.9 | 1081.2 | 1121.3 | 1212.0 | 1308.1 | 1318.7 | 1250.6 | 1133.4 | 1019.9 |
| 42.5°  | 739.9  | 780.8  | 834.5  | 891.3  | 926.8  | 1034.3 | 1164.4 | 1240.8 | 1210.5 | 1109.9 | 994.9  |
| 45°    | 630.2  | 660.5  | 711.2  | 730.1  | 775.5  | 878.4  | 1016.1 | 1126.6 | 1141.7 | 1072.8 | 966.2  |
| 47.5°  | 541.0  | 566.7  | 599.2  | 622.7  | 659.0  | 736.2  | 852.7  | 974.5  | 1047.1 | 1022.1 | 926.1  |
| 50°    | 476.6  | 497.8  | 525.1  | 538.7  | 562.1  | 631.7  | 719.5  | 840.6  | 938.2  | 946.5  | 873.9  |
| 52.5°  | 422.9  | 435.0  | 456.2  | 471.4  | 490.3  | 532.6  | 612.1  | 711.9  | 821.7  | 867.0  | 809.5  |
| 55°    | 376.0  | 385.9  | 404.8  | 414.6  | 424.4  | 460.8  | 522.8  | 613.6  | 716.5  | 776.3  | 743.7  |
| 57.5°  | 333.7  | 342.0  | 357.9  | 366.9  | 372.2  | 407.0  | 454.7  | 525.8  | 618.1  | 690.8  | 672.6  |
| 60°    | 298.9  | 306.4  | 315.5  | 322.3  | 328.4  | 357.1  | 390.4  | 447.9  | 530.4  | 600.7  | 596.2  |
| 62.5°  | 261.8  | 268.6  | 278.4  | 285.2  | 290.5  | 308.7  | 336.7  | 380.6  | 450.9  | 516.0  | 528.9  |
| 65°    | 229.2  | 234.5  | 241.4  | 244.4  | 251.2  | 264.8  | 287.5  | 326.8  | 384.3  | 442.6  | 451.7  |
| 67.5°  | 199.7  | 201.3  | 205.8  | 212.6  | 214.1  | 226.2  | 246.6  | 276.2  | 320.8  | 368.5  | 382.8  |
| 70°    | 168.0  | 170.2  | 174.0  | 179.3  | 182.3  | 189.9  | 207.3  | 227.0  | 265.6  | 307.2  | 317.8  |
| 72.5°  | 140.0  | 143.0  | 144.5  | 147.5  | 149.0  | 161.2  | 168.7  | 188.4  | 214.9  | 249.7  | 261.0  |
| 75°    | 113.5  | 116.5  | 117.3  | 118.8  | 120.3  | 125.6  | 136.2  | 148.3  | 170.2  | 192.9  | 208.1  |
| 77.5°  | 90.0   | 89.3   | 90.8   | 93.1   | 92.3   | 96.8   | 103.7  | 114.2  | 128.6  | 147.5  | 157.4  |
| 80°    | 63.6   | 63.6   | 65.8   | 68.1   | 67.3   | 71.9   | 74.1   | 81.7   | 93.8   | 105.9  | 109.7  |
| 82.5°  | 42.4   | 42.4   | 44.6   | 44.6   | 46.2   | 46.9   | 49.9   | 53.7   | 63.6   | 69.6   | 71.9   |
| 85°    | 24.2   | 24.2   | 25.0   | 25.0   | 25.0   | 26.5   | 28.8   | 30.3   | 33.3   | 37.1   | 38.6   |
| 87.5°  | 9.8    | 10.6   | 10.6   | 10.6   | 10.6   | 12.1   | 12.1   | 13.6   | 14.4   | 15.9   | 15.9   |
| 90°    | 7.8    | 7.8    | 7.8    | 7.4    | 7.1    | 6.8    | 6.4    | 6.0    | 5.7    | 5.0    | 4.6    |
| 92.5°  | 27.7   | 28.8   | 34.5   | 37.8   | 41.2   | 55.5   | 77.1   | 114.5  | 141.8  | 144.3  | 100.2  |
| 95°    | 92.1   | 102.7  | 128.0  | 142.9  | 157.8  | 201.6  | 255.6  | 308.2  | 314.9  | 257.0  | 158.9  |
| 97.5°  | 196.9  | 215.4  | 236.7  | 258.0  | 279.4  | 323.5  | 366.5  | 385.0  | 340.2  | 235.7  | 129.7  |
| 100°   | 296.1  | 321.7  | 346.2  | 364.7  | 383.2  | 419.8  | 437.2  | 409.9  | 321.0  | 204.8  | 115.2  |
| 102.5° | 401.0  | 417.3  | 444.0  | 455.0  | 466.0  | 478.8  | 461.0  | 394.9  | 287.2  | 181.3  | 109.1  |
| 105°   | 482.4  | 494.1  | 505.5  | 507.4  | 509.4  | 493.8  | 445.1  | 359.7  | 257.7  | 167.8  | 108.4  |
| 107.5° | 531.4  | 533.2  | 530.0  | 522.2  | 514.4  | 476.7  | 412.3  | 326.3  | 235.7  | 160.7  | 110.9  |
| 110°   | 546.0  | 539.3  | 523.3  | 508.2  | 493.0  | 442.9  | 375.4  | 298.6  | 221.1  | 157.8  | 114.8  |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 535.3 | 522.5 | 497.3 | 478.8  | 460.3 | 409.5 | 346.2 | 278.0 | 212.6 | 157.8 | 119.8 |
| 115°   | 510.1 | 493.0 | 465.3 | 446.0  | 426.6 | 377.9 | 322.8 | 264.1 | 206.9 | 158.9 | 124.8 |
| 117.5° | 480.2 | 462.5 | 434.4 | 416.1  | 397.8 | 355.1 | 306.4 | 254.9 | 203.7 | 160.7 | 130.5 |
| 120°   | 450.0 | 433.0 | 406.7 | 391.0  | 375.4 | 336.3 | 293.6 | 247.4 | 201.6 | 163.5 | 136.1 |
| 122.5° | 423.4 | 408.1 | 385.3 | 370.9  | 356.5 | 322.8 | 284.0 | 241.0 | 199.8 | 166.0 | 142.5 |
| 125°   | 402.0 | 387.5 | 367.6 | 354.8  | 342.0 | 311.0 | 274.8 | 235.3 | 198.4 | 168.9 | 148.2 |
| 127.5° | 384.3 | 371.1 | 353.0 | 340.9  | 328.8 | 299.7 | 265.2 | 230.0 | 197.6 | 172.0 | 153.6 |
| 130°   | 367.9 | 356.2 | 338.4 | 326.8  | 315.3 | 287.6 | 256.3 | 224.7 | 196.9 | 174.9 | 158.9 |
| 132.5° | 352.3 | 340.5 | 322.8 | 311.8  | 300.7 | 276.2 | 247.4 | 220.4 | 196.9 | 178.1 | 163.5 |
| 135°   | 334.9 | 323.1 | 307.5 | 297.4  | 287.2 | 264.5 | 239.9 | 217.2 | 196.9 | 180.9 | 167.8 |
| 137.5° | 316.4 | 305.4 | 291.1 | 282.2  | 273.4 | 253.8 | 233.2 | 214.0 | 197.3 | 183.8 | 171.0 |
| 140°   | 298.2 | 289.0 | 275.8 | 268.4  | 260.9 | 244.6 | 227.9 | 211.9 | 197.6 | 185.6 | 174.2 |
| 142.5° | 280.8 | 273.4 | 262.7 | 256.5  | 250.3 | 236.7 | 223.2 | 210.1 | 198.0 | 186.6 | 176.0 |
| 145°   | 265.5 | 259.5 | 251.0 | 246.2  | 241.4 | 230.3 | 219.3 | 208.3 | 197.6 | 187.3 | 177.7 |
| 147.5° | 253.1 | 248.1 | 241.0 | 237.2  | 233.5 | 224.7 | 215.4 | 206.5 | 196.9 | 187.7 | 178.8 |
| 150°   | 242.8 | 238.5 | 233.2 | 230.0  | 226.8 | 220.0 | 212.2 | 204.4 | 195.9 | 187.7 | 179.9 |
| 152.5° | 233.5 | 230.3 | 226.1 | 223.8  | 221.5 | 215.4 | 208.7 | 201.9 | 194.4 | 187.3 | 180.6 |
| 155°   | 225.7 | 223.2 | 219.7 | 217.8  | 215.8 | 210.8 | 205.1 | 199.1 | 192.7 | 186.6 | 180.9 |
| 157.5° | 218.6 | 216.5 | 213.6 | 212.0  | 210.4 | 206.5 | 201.6 | 196.6 | 190.9 | 185.9 | 181.3 |
| 160°   | 211.9 | 210.1 | 207.6 | 206.4  | 205.1 | 201.6 | 198.0 | 193.4 | 189.1 | 184.8 | 181.3 |
| 162.5° | 205.5 | 204.0 | 202.3 | 201.2  | 200.1 | 197.3 | 194.1 | 190.5 | 187.0 | 183.8 | 180.9 |
| 165°   | 199.1 | 198.4 | 196.9 | 196.0  | 195.2 | 193.0 | 190.5 | 187.7 | 184.8 | 182.7 | 180.6 |
| 167.5° | 193.4 | 192.7 | 192.0 | 191.2  | 190.5 | 188.8 | 187.0 | 184.8 | 182.7 | 180.9 | 179.9 |
| 170°   | 188.0 | 187.7 | 187.0 | 186.6  | 186.3 | 185.2 | 184.1 | 182.4 | 180.9 | 179.9 | 179.2 |
| 172.5° | 183.8 | 183.1 | 183.1 | 182.9  | 182.7 | 182.0 | 180.9 | 179.9 | 178.8 | 178.4 | 178.4 |
| 175°   | 179.9 | 179.5 | 179.5 | 179.5  | 179.5 | 178.8 | 178.8 | 177.7 | 177.4 | 177.4 | 177.7 |
| 177.5° | 177.4 | 177.0 | 177.4 | 177.4  | 177.4 | 177.4 | 177.0 | 176.7 | 176.3 | 176.3 | 177.0 |
| 180°   | 176.3 | 176.3 | 176.3 | 176.3  | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 891.3  | 891.3  | 891.3  | 891.3  | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 |
| 2.5°   | 917.0  | 913.2  | 908.7  | 908.7  | 903.4 | 901.1 | 896.6 | 895.0 | 891.3 | 885.2 | 880.7 |
| 5°     | 949.5  | 939.7  | 933.6  | 928.3  | 917.0 | 908.7 | 900.3 | 891.3 | 882.2 | 871.6 | 859.5 |
| 7.5°   | 981.3  | 963.1  | 954.8  | 945.7  | 929.1 | 911.7 | 895.0 | 882.9 | 870.8 | 854.2 | 839.1 |
| 10°    | 1014.6 | 991.9  | 976.8  | 964.6  | 938.9 | 917.0 | 892.8 | 875.4 | 856.5 | 835.3 | 815.6 |
| 12.5°  | 1042.6 | 1013.1 | 1000.2 | 977.5  | 948.0 | 921.5 | 891.3 | 864.8 | 839.8 | 814.8 | 790.6 |
| 15°    | 1066.0 | 1038.0 | 1006.3 | 997.2  | 956.3 | 918.5 | 884.4 | 850.4 | 819.4 | 794.4 | 766.4 |
| 17.5°  | 1073.6 | 1038.0 | 1022.1 | 1000.2 | 951.8 | 912.4 | 869.3 | 832.2 | 802.7 | 765.7 | 743.7 |
| 20°    | 1075.9 | 1041.8 | 1019.9 | 999.4  | 956.3 | 904.1 | 861.8 | 816.4 | 780.8 | 743.7 | 708.9 |
| 22.5°  | 1069.8 | 1029.7 | 1008.5 | 988.9  | 940.4 | 895.8 | 846.6 | 796.7 | 755.1 | 721.0 | 686.2 |
| 25°    | 1058.5 | 1011.6 | 991.1  | 969.9  | 923.8 | 874.6 | 820.9 | 773.2 | 734.6 | 693.8 | 659.7 |
| 27.5°  | 1043.3 | 989.6  | 966.2  | 944.2  | 898.8 | 852.7 | 802.0 | 752.8 | 709.7 | 666.6 | 634.8 |
| 30°    | 1024.4 | 962.4  | 941.2  | 912.4  | 868.6 | 824.7 | 778.5 | 729.3 | 680.9 | 640.1 | 605.3 |
| 32.5°  | 1000.2 | 935.1  | 907.1  | 879.9  | 832.2 | 792.1 | 748.3 | 702.1 | 655.2 | 615.1 | 578.8 |
| 35°    | 978.3  | 904.1  | 873.1  | 845.9  | 792.9 | 750.5 | 714.2 | 671.1 | 629.5 | 587.9 | 555.3 |
| 37.5°  | 948.8  | 873.1  | 836.0  | 808.0  | 754.3 | 711.2 | 677.1 | 643.9 | 600.0 | 559.9 | 529.6 |
| 40°    | 917.7  | 834.5  | 799.7  | 771.7  | 715.7 | 668.8 | 636.3 | 606.8 | 571.2 | 534.1 | 502.4 |
| 42.5°  | 889.7  | 797.4  | 760.4  | 726.3  | 669.6 | 628.0 | 594.7 | 572.0 | 539.4 | 506.2 | 477.4 |
| 45°    | 854.2  | 758.1  | 718.0  | 682.4  | 628.0 | 582.6 | 550.8 | 532.6 | 508.4 | 475.9 | 450.9 |
| 47.5°  | 817.9  | 715.7  | 674.1  | 639.3  | 580.3 | 540.2 | 509.2 | 491.8 | 475.1 | 449.4 | 424.4 |
| 50°    | 770.2  | 671.1  | 633.3  | 593.2  | 534.9 | 494.1 | 468.3 | 450.9 | 438.1 | 419.9 | 398.7 |
| 52.5°  | 718.0  | 624.9  | 584.1  | 549.3  | 491.8 | 454.7 | 425.2 | 415.4 | 402.5 | 388.9 | 370.7 |
| 55°    | 662.8  | 575.0  | 535.7  | 501.6  | 448.7 | 410.8 | 386.6 | 376.0 | 366.2 | 355.6 | 343.5 |
| 57.5°  | 607.5  | 522.8  | 485.7  | 455.5  | 406.3 | 370.0 | 350.3 | 335.9 | 329.1 | 323.1 | 313.2 |
| 60°    | 538.7  | 466.8  | 438.1  | 410.8  | 362.4 | 329.1 | 310.2 | 299.6 | 293.6 | 290.5 | 286.0 |
| 62.5°  | 478.2  | 419.1  | 387.4  | 360.9  | 322.3 | 292.8 | 274.6 | 266.3 | 261.0 | 259.5 | 254.2 |
| 65°    | 413.9  | 363.2  | 338.2  | 315.5  | 282.2 | 255.7 | 240.6 | 230.8 | 227.0 | 226.2 | 226.2 |
| 67.5°  | 353.3  | 312.5  | 287.5  | 271.6  | 242.9 | 219.4 | 205.0 | 201.3 | 199.0 | 196.0 | 195.2 |
| 70°    | 296.6  | 264.0  | 242.1  | 228.5  | 202.8 | 185.4 | 174.0 | 168.0 | 168.0 | 165.7 | 164.2 |
| 72.5°  | 246.6  | 214.1  | 199.7  | 188.4  | 167.2 | 152.1 | 143.8 | 142.2 | 136.9 | 136.2 | 136.2 |
| 75°    | 192.9  | 168.7  | 158.9  | 149.0  | 133.2 | 122.6 | 115.8 | 112.0 | 108.9 | 108.9 | 109.7 |
| 77.5°  | 145.3  | 128.6  | 119.5  | 112.0  | 100.6 | 93.8  | 88.5  | 87.0  | 84.0  | 84.0  | 84.0  |
| 80°    | 102.9  | 93.8   | 87.0   | 81.0   | 72.6  | 66.6  | 63.6  | 60.5  | 60.5  | 59.8  | 60.5  |
| 82.5°  | 66.6   | 59.0   | 55.2   | 54.5   | 46.9  | 44.6  | 40.9  | 41.6  | 39.3  | 38.6  | 40.1  |
| 85°    | 38.6   | 34.8   | 30.3   | 28.8   | 25.7  | 22.7  | 21.2  | 21.9  | 21.2  | 20.4  | 21.2  |
| 87.5°  | 15.1   | 12.9   | 12.1   | 12.1   | 9.8   | 9.1   | 8.3   | 9.1   | 7.6   | 7.6   | 8.3   |
| 90°    | 3.9    | 3.6    | 3.2    | 2.8    | 2.1   | 1.4   | 0.7   | 0.4   | 0.7   | 1.4   | 2.1   |
| 92.5°  | 59.7   | 35.5   | 29.2   | 22.8   | 15.3  | 10.0  | 6.4   | 5.3   | 6.4   | 10.0  | 15.3  |
| 95°    | 80.7   | 42.7   | 34.7   | 26.7   | 18.8  | 14.9  | 12.1  | 11.7  | 12.1  | 14.9  | 18.8  |
| 97.5°  | 69.7   | 43.4   | 37.5   | 31.6   | 24.5  | 20.6  | 18.5  | 18.1  | 18.5  | 20.6  | 24.5  |
| 100°   | 69.0   | 48.3   | 43.0   | 37.7   | 30.9  | 27.0  | 25.6  | 24.9  | 25.6  | 27.0  | 30.9  |
| 102.5° | 72.2   | 54.4   | 49.2   | 44.1   | 38.0  | 33.8  | 32.7  | 32.3  | 32.7  | 33.8  | 38.0  |
| 105°   | 76.8   | 61.1   | 56.2   | 51.2   | 45.5  | 41.9  | 40.2  | 40.2  | 40.2  | 41.9  | 45.5  |
| 107.5° | 83.2   | 67.9   | 63.4   | 59.0   | 53.0  | 50.1  | 48.3  | 47.6  | 48.3  | 50.1  | 53.0  |
| 110°   | 90.3   | 75.7   | 71.1   | 66.5   | 61.1  | 57.9  | 56.5  | 55.8  | 56.5  | 57.9  | 61.1  |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 97.0  | 83.2  | 78.8   | 74.3  | 69.0  | 65.8  | 64.7  | 64.0  | 64.7  | 65.8  | 69.0  |
| 115°   | 104.2 | 91.0  | 86.6   | 82.1  | 76.8  | 73.6  | 72.5  | 71.8  | 72.5  | 73.6  | 76.8  |
| 117.5° | 111.3 | 98.8  | 94.6   | 90.3  | 84.2  | 81.0  | 80.0  | 78.9  | 80.0  | 81.0  | 84.2  |
| 120°   | 119.1 | 106.6 | 102.2  | 97.8  | 91.7  | 88.5  | 87.1  | 86.0  | 87.1  | 88.5  | 91.7  |
| 122.5° | 126.5 | 114.1 | 109.6  | 105.2 | 98.5  | 95.3  | 94.2  | 93.5  | 94.2  | 95.3  | 98.5  |
| 125°   | 132.9 | 121.2 | 116.6  | 112.0 | 105.2 | 102.0 | 100.2 | 99.5  | 100.2 | 102.0 | 105.2 |
| 127.5° | 139.3 | 128.0 | 123.4  | 118.7 | 111.6 | 107.7 | 105.6 | 104.5 | 105.6 | 107.7 | 111.6 |
| 130°   | 145.4 | 134.4 | 129.8  | 125.1 | 117.7 | 113.0 | 110.2 | 109.1 | 110.2 | 113.0 | 117.7 |
| 132.5° | 151.1 | 140.1 | 135.4  | 130.8 | 123.0 | 117.7 | 114.1 | 112.7 | 114.1 | 117.7 | 123.0 |
| 135°   | 156.1 | 145.0 | 140.2  | 135.4 | 128.0 | 122.3 | 118.0 | 116.6 | 118.0 | 122.3 | 128.0 |
| 137.5° | 159.6 | 149.7 | 144.7  | 139.7 | 132.2 | 126.5 | 122.6 | 121.6 | 122.6 | 126.5 | 132.2 |
| 140°   | 163.5 | 153.2 | 148.4  | 143.6 | 136.9 | 131.2 | 126.9 | 125.8 | 126.9 | 131.2 | 136.9 |
| 142.5° | 166.0 | 156.4 | 152.0  | 147.5 | 141.1 | 135.4 | 131.5 | 130.8 | 131.5 | 135.4 | 141.1 |
| 145°   | 168.9 | 159.6 | 155.5  | 151.4 | 145.0 | 140.1 | 136.5 | 135.8 | 136.5 | 140.1 | 145.0 |
| 147.5° | 170.6 | 162.5 | 158.8  | 155.0 | 149.3 | 144.7 | 141.5 | 141.1 | 141.5 | 144.7 | 149.3 |
| 150°   | 172.4 | 164.6 | 161.6  | 158.5 | 153.6 | 148.9 | 146.5 | 145.7 | 146.5 | 148.9 | 153.6 |
| 152.5° | 174.2 | 167.1 | 164.4  | 161.7 | 157.1 | 153.2 | 151.1 | 150.7 | 151.1 | 153.2 | 157.1 |
| 155°   | 175.2 | 169.2 | 166.7  | 164.2 | 160.7 | 157.1 | 155.0 | 155.0 | 155.0 | 157.1 | 160.7 |
| 157.5° | 176.3 | 171.0 | 169.0  | 167.1 | 163.9 | 160.7 | 158.9 | 158.9 | 158.9 | 160.7 | 163.9 |
| 160°   | 177.0 | 172.4 | 170.8  | 169.2 | 166.4 | 163.9 | 162.5 | 162.8 | 162.5 | 163.9 | 166.4 |
| 162.5° | 177.7 | 173.8 | 172.6  | 171.3 | 169.2 | 167.1 | 165.7 | 166.0 | 165.7 | 167.1 | 169.2 |
| 165°   | 177.7 | 174.9 | 173.9  | 172.8 | 171.3 | 169.6 | 168.5 | 169.2 | 168.5 | 169.6 | 171.3 |
| 167.5° | 177.7 | 175.2 | 174.5  | 173.8 | 172.8 | 171.7 | 171.0 | 171.3 | 171.0 | 171.7 | 172.8 |
| 170°   | 177.7 | 176.0 | 175.4  | 174.9 | 174.2 | 173.5 | 173.1 | 173.5 | 173.1 | 173.5 | 174.2 |
| 172.5° | 177.4 | 176.0 | 175.8  | 175.6 | 175.2 | 174.5 | 174.2 | 174.9 | 174.2 | 174.5 | 175.2 |
| 175°   | 177.0 | 176.0 | 176.0  | 176.0 | 176.0 | 175.6 | 175.2 | 176.0 | 175.2 | 175.6 | 176.0 |
| 177.5° | 176.7 | 176.0 | 176.0  | 176.0 | 176.3 | 176.0 | 176.0 | 176.7 | 176.0 | 176.0 | 176.3 |
| 180°   | 176.3 | 176.3 | 176.3  | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 891.3 | 891.3  | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 |
| 2.5°   | 879.2 | 877.6  | 873.9 | 871.6 | 864.0 | 854.9 | 851.9 | 844.3 | 847.4 | 842.1 | 842.1 |
| 5°     | 855.7 | 848.9  | 844.3 | 837.5 | 823.2 | 813.3 | 802.7 | 797.4 | 794.4 | 790.6 | 787.6 |
| 7.5°   | 825.4 | 820.1  | 815.6 | 802.7 | 786.8 | 773.2 | 760.4 | 755.1 | 745.2 | 738.4 | 735.4 |
| 10°    | 799.0 | 791.4  | 780.8 | 765.7 | 749.0 | 731.6 | 720.3 | 708.9 | 701.4 | 697.6 | 689.2 |
| 12.5°  | 771.7 | 762.6  | 751.3 | 729.3 | 711.2 | 700.6 | 680.2 | 669.6 | 665.8 | 662.8 | 652.9 |
| 15°    | 743.7 | 733.9  | 720.3 | 699.8 | 684.0 | 659.0 | 646.9 | 638.6 | 629.5 | 628.7 | 621.2 |
| 17.5°  | 718.8 | 706.7  | 695.3 | 670.3 | 650.7 | 628.7 | 621.9 | 612.8 | 604.5 | 595.4 | 591.6 |
| 20°    | 687.0 | 675.6  | 667.3 | 640.1 | 618.1 | 604.5 | 593.2 | 585.6 | 580.3 | 571.2 | 569.7 |
| 22.5°  | 658.2 | 646.1  | 634.8 | 614.3 | 595.4 | 578.0 | 564.4 | 556.1 | 553.8 | 550.0 | 543.2 |
| 25°    | 630.2 | 618.1  | 604.5 | 585.6 | 565.9 | 553.8 | 541.7 | 536.4 | 531.9 | 525.8 | 520.5 |
| 27.5°  | 606.8 | 595.4  | 582.6 | 559.1 | 542.5 | 533.4 | 520.5 | 514.5 | 508.4 | 505.4 | 503.1 |
| 30°    | 578.8 | 565.9  | 556.1 | 537.9 | 519.8 | 507.7 | 498.6 | 493.3 | 488.0 | 485.0 | 483.5 |
| 32.5°  | 551.6 | 539.4  | 532.6 | 513.0 | 498.6 | 484.2 | 477.4 | 473.6 | 470.6 | 467.6 | 464.5 |
| 35°    | 529.6 | 517.5  | 506.9 | 488.8 | 474.4 | 464.5 | 459.2 | 453.2 | 450.9 | 447.9 | 447.9 |
| 37.5°  | 502.4 | 493.3  | 482.7 | 465.3 | 452.4 | 444.9 | 440.3 | 432.8 | 432.0 | 430.5 | 428.2 |
| 40°    | 478.9 | 469.8  | 460.0 | 444.9 | 433.5 | 424.4 | 418.4 | 414.6 | 412.3 | 410.8 | 409.3 |
| 42.5°  | 454.0 | 444.1  | 439.6 | 422.2 | 412.3 | 403.3 | 400.2 | 396.5 | 395.7 | 392.7 | 388.9 |
| 45°    | 429.7 | 421.4  | 412.3 | 399.5 | 391.2 | 383.6 | 379.0 | 376.0 | 372.2 | 371.5 | 369.2 |
| 47.5°  | 408.6 | 398.7  | 390.4 | 378.3 | 369.2 | 363.2 | 359.4 | 355.6 | 352.6 | 350.3 | 348.0 |
| 50°    | 381.3 | 373.8  | 366.9 | 354.1 | 346.5 | 340.5 | 335.2 | 332.1 | 329.1 | 329.1 | 329.1 |
| 52.5°  | 354.8 | 348.0  | 342.0 | 332.9 | 323.8 | 318.5 | 312.5 | 310.2 | 308.7 | 306.4 | 308.7 |
| 55°    | 329.1 | 322.3  | 316.3 | 309.4 | 298.9 | 294.3 | 288.3 | 286.0 | 286.7 | 286.7 | 289.0 |
| 57.5°  | 301.9 | 296.6  | 292.8 | 284.5 | 274.6 | 270.1 | 266.3 | 264.0 | 264.0 | 267.1 | 267.8 |
| 60°    | 275.4 | 270.1  | 263.3 | 255.7 | 249.7 | 244.4 | 242.1 | 242.9 | 242.9 | 244.4 | 248.2 |
| 62.5°  | 245.9 | 242.9  | 239.1 | 228.5 | 224.7 | 220.9 | 217.9 | 220.2 | 219.4 | 223.2 | 228.5 |
| 65°    | 218.7 | 215.6  | 210.3 | 205.0 | 200.5 | 196.7 | 196.0 | 196.7 | 198.2 | 202.0 | 208.1 |
| 67.5°  | 188.4 | 188.4  | 183.9 | 179.3 | 175.5 | 171.7 | 172.5 | 173.3 | 174.8 | 179.3 | 188.4 |
| 70°    | 163.4 | 160.4  | 155.9 | 152.8 | 149.8 | 148.3 | 146.8 | 149.8 | 154.3 | 157.4 | 164.2 |
| 72.5°  | 136.2 | 133.9  | 130.1 | 127.1 | 126.3 | 124.8 | 124.1 | 125.6 | 130.1 | 135.4 | 143.0 |
| 75°    | 107.4 | 108.2  | 105.9 | 103.7 | 103.7 | 101.4 | 102.9 | 102.9 | 107.4 | 112.7 | 118.8 |
| 77.5°  | 83.2  | 82.5   | 81.7  | 80.2  | 79.4  | 79.4  | 79.4  | 81.0  | 85.5  | 88.5  | 94.6  |
| 80°    | 59.0  | 59.8   | 57.5  | 58.3  | 57.5  | 58.3  | 58.3  | 61.3  | 63.6  | 67.3  | 71.9  |
| 82.5°  | 39.3  | 39.3   | 37.8  | 38.6  | 38.6  | 38.6  | 39.3  | 40.9  | 43.9  | 46.9  | 49.9  |
| 85°    | 21.9  | 22.7   | 21.2  | 22.7  | 22.7  | 22.7  | 23.5  | 24.2  | 26.5  | 27.2  | 30.3  |
| 87.5°  | 8.3   | 9.8    | 9.8   | 8.3   | 9.1   | 9.8   | 10.6  | 9.8   | 11.3  | 12.9  | 13.6  |
| 90°    | 2.8   | 3.2    | 3.6   | 3.9   | 4.6   | 5.0   | 5.7   | 6.0   | 6.4   | 6.8   | 7.1   |
| 92.5°  | 22.8  | 29.2   | 35.5  | 59.7  | 100.2 | 144.3 | 141.8 | 114.5 | 77.1  | 55.5  | 41.2  |
| 95°    | 26.7  | 34.7   | 42.7  | 80.7  | 158.9 | 257.0 | 314.9 | 308.2 | 255.6 | 201.6 | 157.8 |
| 97.5°  | 31.6  | 37.5   | 43.4  | 69.7  | 129.7 | 235.7 | 340.2 | 385.0 | 366.5 | 323.5 | 279.4 |
| 100°   | 37.7  | 43.0   | 48.3  | 69.0  | 115.2 | 204.8 | 321.0 | 409.9 | 437.2 | 419.8 | 383.2 |
| 102.5° | 44.1  | 49.2   | 54.4  | 72.2  | 109.1 | 181.3 | 287.2 | 394.9 | 461.0 | 478.8 | 466.0 |
| 105°   | 51.2  | 56.2   | 61.1  | 76.8  | 108.4 | 167.8 | 257.7 | 359.7 | 445.1 | 493.8 | 509.4 |
| 107.5° | 59.0  | 63.4   | 67.9  | 83.2  | 110.9 | 160.7 | 235.7 | 326.3 | 412.3 | 476.7 | 514.4 |
| 110°   | 66.5  | 71.1   | 75.7  | 90.3  | 114.8 | 157.8 | 221.1 | 298.6 | 375.4 | 442.9 | 493.0 |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 74.3  | 78.8   | 83.2  | 97.0  | 119.8 | 157.8 | 212.6 | 278.0 | 346.2 | 409.5 | 460.3 |
| 115°   | 82.1  | 86.6   | 91.0  | 104.2 | 124.8 | 158.9 | 206.9 | 264.1 | 322.8 | 377.9 | 426.6 |
| 117.5° | 90.3  | 94.6   | 98.8  | 111.3 | 130.5 | 160.7 | 203.7 | 254.9 | 306.4 | 355.1 | 397.8 |
| 120°   | 97.8  | 102.2  | 106.6 | 119.1 | 136.1 | 163.5 | 201.6 | 247.4 | 293.6 | 336.3 | 375.4 |
| 122.5° | 105.2 | 109.6  | 114.1 | 126.5 | 142.5 | 166.0 | 199.8 | 241.0 | 284.0 | 322.8 | 356.5 |
| 125°   | 112.0 | 116.6  | 121.2 | 132.9 | 148.2 | 168.9 | 198.4 | 235.3 | 274.8 | 311.0 | 342.0 |
| 127.5° | 118.7 | 123.4  | 128.0 | 139.3 | 153.6 | 172.0 | 197.6 | 230.0 | 265.2 | 299.7 | 328.8 |
| 130°   | 125.1 | 129.8  | 134.4 | 145.4 | 158.9 | 174.9 | 196.9 | 224.7 | 256.3 | 287.6 | 315.3 |
| 132.5° | 130.8 | 135.4  | 140.1 | 151.1 | 163.5 | 178.1 | 196.9 | 220.4 | 247.4 | 276.2 | 300.7 |
| 135°   | 135.4 | 140.2  | 145.0 | 156.1 | 167.8 | 180.9 | 196.9 | 217.2 | 239.9 | 264.5 | 287.2 |
| 137.5° | 139.7 | 144.7  | 149.7 | 159.6 | 171.0 | 183.8 | 197.3 | 214.0 | 233.2 | 253.8 | 273.4 |
| 140°   | 143.6 | 148.4  | 153.2 | 163.5 | 174.2 | 185.6 | 197.6 | 211.9 | 227.9 | 244.6 | 260.9 |
| 142.5° | 147.5 | 152.0  | 156.4 | 166.0 | 176.0 | 186.6 | 198.0 | 210.1 | 223.2 | 236.7 | 250.3 |
| 145°   | 151.4 | 155.5  | 159.6 | 168.9 | 177.7 | 187.3 | 197.6 | 208.3 | 219.3 | 230.3 | 241.4 |
| 147.5° | 155.0 | 158.8  | 162.5 | 170.6 | 178.8 | 187.7 | 196.9 | 206.5 | 215.4 | 224.7 | 233.5 |
| 150°   | 158.5 | 161.6  | 164.6 | 172.4 | 179.9 | 187.7 | 195.9 | 204.4 | 212.2 | 220.0 | 226.8 |
| 152.5° | 161.7 | 164.4  | 167.1 | 174.2 | 180.6 | 187.3 | 194.4 | 201.9 | 208.7 | 215.4 | 221.5 |
| 155°   | 164.2 | 166.7  | 169.2 | 175.2 | 180.9 | 186.6 | 192.7 | 199.1 | 205.1 | 210.8 | 215.8 |
| 157.5° | 167.1 | 169.0  | 171.0 | 176.3 | 181.3 | 185.9 | 190.9 | 196.6 | 201.6 | 206.5 | 210.4 |
| 160°   | 169.2 | 170.8  | 172.4 | 177.0 | 181.3 | 184.8 | 189.1 | 193.4 | 198.0 | 201.6 | 205.1 |
| 162.5° | 171.3 | 172.6  | 173.8 | 177.7 | 180.9 | 183.8 | 187.0 | 190.5 | 194.1 | 197.3 | 200.1 |
| 165°   | 172.8 | 173.9  | 174.9 | 177.7 | 180.6 | 182.7 | 184.8 | 187.7 | 190.5 | 193.0 | 195.2 |
| 167.5° | 173.8 | 174.5  | 175.2 | 177.7 | 179.9 | 180.9 | 182.7 | 184.8 | 187.0 | 188.8 | 190.5 |
| 170°   | 174.9 | 175.4  | 176.0 | 177.7 | 179.2 | 179.9 | 180.9 | 182.4 | 184.1 | 185.2 | 186.3 |
| 172.5° | 175.6 | 175.8  | 176.0 | 177.4 | 178.4 | 178.4 | 178.8 | 179.9 | 180.9 | 182.0 | 182.7 |
| 175°   | 176.0 | 176.0  | 176.0 | 177.0 | 177.7 | 177.4 | 177.4 | 177.7 | 178.8 | 178.8 | 179.5 |
| 177.5° | 176.0 | 176.0  | 176.0 | 176.7 | 177.0 | 176.3 | 176.3 | 176.7 | 177.0 | 177.4 | 177.4 |
| 180°   | 176.3 | 176.3  | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 |



TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 891.3  | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3  |
| 2.5°   | 845.1  | 839.8 | 839.1 | 840.6 | 837.5 | 842.1 | 840.6 | 842.1 | 838.3 | 842.1 | 839.8  |
| 5°     | 786.8  | 785.3 | 782.3 | 778.5 | 779.3 | 780.0 | 783.8 | 780.0 | 783.1 | 783.8 | 787.6  |
| 7.5°   | 732.4  | 729.3 | 731.6 | 730.1 | 723.3 | 721.8 | 723.3 | 725.6 | 730.1 | 733.1 | 735.4  |
| 10°    | 688.5  | 687.0 | 684.0 | 681.7 | 677.9 | 675.6 | 678.7 | 675.6 | 681.7 | 687.0 | 687.0  |
| 12.5°  | 655.2  | 649.2 | 645.4 | 644.6 | 636.3 | 637.8 | 640.8 | 643.1 | 649.9 | 652.9 | 652.9  |
| 15°    | 620.4  | 615.9 | 614.3 | 611.3 | 608.3 | 611.3 | 609.8 | 612.1 | 615.1 | 618.1 | 619.6  |
| 17.5°  | 590.1  | 589.4 | 590.1 | 582.6 | 584.8 | 581.1 | 581.8 | 585.6 | 583.3 | 585.6 | 590.1  |
| 20°    | 562.9  | 564.4 | 562.1 | 559.1 | 559.1 | 554.6 | 559.9 | 558.4 | 559.1 | 563.7 | 570.5  |
| 22.5°  | 542.5  | 541.7 | 539.4 | 537.2 | 534.1 | 534.9 | 535.7 | 534.1 | 540.2 | 544.0 | 544.7  |
| 25°    | 520.5  | 519.0 | 518.3 | 516.0 | 513.0 | 516.0 | 515.2 | 516.0 | 517.5 | 523.6 | 519.0  |
| 27.5°  | 500.1  | 497.1 | 498.6 | 496.3 | 495.6 | 496.3 | 496.3 | 497.1 | 498.6 | 499.3 | 500.1  |
| 30°    | 482.7  | 479.7 | 478.9 | 477.4 | 476.6 | 477.4 | 478.9 | 477.4 | 483.5 | 482.7 | 482.7  |
| 32.5°  | 463.8  | 461.5 | 460.0 | 460.0 | 459.2 | 458.5 | 459.2 | 460.0 | 464.5 | 461.5 | 464.5  |
| 35°    | 445.6  | 444.1 | 444.1 | 442.6 | 441.8 | 441.8 | 441.8 | 444.9 | 443.4 | 445.6 | 445.6  |
| 37.5°  | 428.2  | 428.2 | 427.5 | 426.0 | 425.2 | 426.0 | 425.2 | 426.7 | 426.0 | 426.7 | 427.5  |
| 40°    | 410.1  | 408.6 | 407.8 | 407.8 | 405.5 | 403.3 | 405.5 | 405.5 | 406.3 | 408.6 | 409.3  |
| 42.5°  | 388.1  | 388.9 | 388.9 | 385.9 | 385.9 | 385.9 | 386.6 | 387.4 | 387.4 | 388.9 | 388.9  |
| 45°    | 369.2  | 367.7 | 367.7 | 367.7 | 366.2 | 366.9 | 368.5 | 368.5 | 368.5 | 368.5 | 366.9  |
| 47.5°  | 348.0  | 348.0 | 348.8 | 348.8 | 351.1 | 350.3 | 350.3 | 349.5 | 348.0 | 348.0 | 348.8  |
| 50°    | 328.4  | 330.6 | 331.4 | 331.4 | 332.1 | 332.9 | 332.9 | 331.4 | 330.6 | 328.4 | 328.4  |
| 52.5°  | 309.4  | 311.0 | 312.5 | 314.7 | 316.3 | 315.5 | 315.5 | 314.0 | 311.0 | 310.2 | 309.4  |
| 55°    | 289.0  | 291.3 | 294.3 | 296.6 | 298.9 | 299.6 | 299.6 | 296.6 | 293.6 | 289.8 | 289.8  |
| 57.5°  | 270.1  | 272.4 | 277.7 | 279.9 | 283.0 | 283.0 | 281.4 | 279.2 | 274.6 | 271.6 | 269.3  |
| 60°    | 251.2  | 255.0 | 258.8 | 263.3 | 267.1 | 267.8 | 265.6 | 262.5 | 257.2 | 253.5 | 250.4  |
| 62.5°  | 230.8  | 234.5 | 242.1 | 246.6 | 249.7 | 249.7 | 249.7 | 245.9 | 239.1 | 233.8 | 229.2  |
| 65°    | 211.1  | 214.9 | 221.7 | 227.7 | 230.0 | 232.3 | 230.0 | 226.2 | 220.9 | 214.9 | 210.3  |
| 67.5°  | 190.7  | 195.2 | 202.0 | 206.5 | 209.6 | 211.8 | 210.3 | 207.3 | 200.5 | 192.2 | 189.1  |
| 70°    | 168.0  | 170.2 | 180.1 | 184.6 | 189.1 | 190.7 | 189.1 | 184.6 | 177.8 | 168.7 | 165.7  |
| 72.5°  | 146.8  | 149.0 | 158.1 | 161.9 | 165.7 | 167.2 | 164.9 | 161.9 | 155.9 | 147.5 | 143.8  |
| 75°    | 122.6  | 126.3 | 130.9 | 136.9 | 141.5 | 143.0 | 140.7 | 138.5 | 130.9 | 125.6 | 122.6  |
| 77.5°  | 96.8   | 100.6 | 106.7 | 112.0 | 116.5 | 115.8 | 112.7 | 113.5 | 105.2 | 99.1  | 96.8   |
| 80°    | 73.4   | 76.4  | 81.0  | 85.5  | 87.8  | 87.8  | 87.0  | 84.0  | 81.0  | 76.4  | 72.6   |
| 82.5°  | 50.7   | 54.5  | 58.3  | 61.3  | 61.3  | 62.0  | 60.5  | 59.8  | 56.7  | 53.0  | 52.2   |
| 85°    | 30.3   | 31.0  | 34.0  | 34.0  | 37.1  | 35.6  | 34.8  | 37.1  | 34.0  | 31.8  | 31.0   |
| 87.5°  | 13.6   | 12.9  | 13.6  | 13.6  | 12.9  | 14.4  | 14.4  | 13.6  | 14.4  | 13.6  | 13.6   |
| 90°    | 7.4    | 7.8   | 7.8   | 7.8   | 8.2   | 8.2   | 8.2   | 7.8   | 7.8   | 7.8   | 7.4    |
| 92.5°  | 37.8   | 34.5  | 28.8  | 27.7  | 27.0  | 26.3  | 27.0  | 27.7  | 28.8  | 34.5  | 37.8   |
| 95°    | 142.9  | 128.0 | 102.7 | 92.1  | 89.2  | 83.5  | 89.2  | 92.1  | 102.7 | 128.0 | 142.9  |
| 97.5°  | 258.0  | 236.7 | 215.4 | 196.9 | 187.3 | 183.1 | 187.3 | 196.9 | 215.4 | 236.7 | 258.0  |
| 100°   | 364.7  | 346.2 | 321.7 | 296.1 | 283.0 | 277.3 | 283.0 | 296.1 | 321.7 | 346.2 | 364.7  |
| 102.5° | 455.0  | 444.0 | 417.3 | 401.0 | 386.4 | 382.5 | 386.4 | 401.0 | 417.3 | 444.0 | 455.0  |
| 105°   | 507.4  | 505.5 | 494.1 | 482.4 | 475.3 | 471.0 | 475.3 | 482.4 | 494.1 | 505.5 | 507.4  |
| 107.5° | 522.2  | 530.0 | 533.2 | 531.4 | 527.9 | 524.3 | 527.9 | 531.4 | 533.2 | 530.0 | 522.2  |
| 110°   | 508.2  | 523.3 | 539.3 | 546.0 | 548.5 | 548.5 | 548.5 | 546.0 | 539.3 | 523.3 | 508.2  |



TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 478.8  | 497.3 | 522.5 | 535.3 | 542.5 | 545.7 | 542.5 | 535.3 | 522.5 | 497.3 | 478.8  |
| 115°   | 446.0  | 465.3 | 493.0 | 510.1 | 520.1 | 524.7 | 520.1 | 510.1 | 493.0 | 465.3 | 446.0  |
| 117.5° | 416.1  | 434.4 | 462.5 | 480.2 | 490.2 | 493.0 | 490.2 | 480.2 | 462.5 | 434.4 | 416.1  |
| 120°   | 391.0  | 406.7 | 433.0 | 450.0 | 459.6 | 462.5 | 459.6 | 450.0 | 433.0 | 406.7 | 391.0  |
| 122.5° | 370.9  | 385.3 | 408.1 | 423.4 | 433.0 | 435.5 | 433.0 | 423.4 | 408.1 | 385.3 | 370.9  |
| 125°   | 354.8  | 367.6 | 387.5 | 402.0 | 409.9 | 413.4 | 409.9 | 402.0 | 387.5 | 367.6 | 354.8  |
| 127.5° | 340.9  | 353.0 | 371.1 | 384.3 | 391.7 | 393.2 | 391.7 | 384.3 | 371.1 | 353.0 | 340.9  |
| 130°   | 326.8  | 338.4 | 356.2 | 367.9 | 375.0 | 377.2 | 375.0 | 367.9 | 356.2 | 338.4 | 326.8  |
| 132.5° | 311.8  | 322.8 | 340.5 | 352.3 | 358.7 | 361.2 | 358.7 | 352.3 | 340.5 | 322.8 | 311.8  |
| 135°   | 297.4  | 307.5 | 323.1 | 334.9 | 341.3 | 343.4 | 341.3 | 334.9 | 323.1 | 307.5 | 297.4  |
| 137.5° | 282.2  | 291.1 | 305.4 | 316.4 | 322.4 | 324.9 | 322.4 | 316.4 | 305.4 | 291.1 | 282.2  |
| 140°   | 268.4  | 275.8 | 289.0 | 298.2 | 303.6 | 305.4 | 303.6 | 298.2 | 289.0 | 275.8 | 268.4  |
| 142.5° | 256.5  | 262.7 | 273.4 | 280.8 | 285.8 | 287.2 | 285.8 | 280.8 | 273.4 | 262.7 | 256.5  |
| 145°   | 246.2  | 251.0 | 259.5 | 265.5 | 269.4 | 270.9 | 269.4 | 265.5 | 259.5 | 251.0 | 246.2  |
| 147.5° | 237.2  | 241.0 | 248.1 | 253.1 | 255.6 | 256.3 | 255.6 | 253.1 | 248.1 | 241.0 | 237.2  |
| 150°   | 230.0  | 233.2 | 238.5 | 242.8 | 244.2 | 244.6 | 244.2 | 242.8 | 238.5 | 233.2 | 230.0  |
| 152.5° | 223.8  | 226.1 | 230.3 | 233.5 | 235.0 | 235.3 | 235.0 | 233.5 | 230.3 | 226.1 | 223.8  |
| 155°   | 217.8  | 219.7 | 223.2 | 225.7 | 226.8 | 227.1 | 226.8 | 225.7 | 223.2 | 219.7 | 217.8  |
| 157.5° | 212.0  | 213.6 | 216.5 | 218.6 | 219.7 | 219.7 | 219.7 | 218.6 | 216.5 | 213.6 | 212.0  |
| 160°   | 206.4  | 207.6 | 210.1 | 211.9 | 212.6 | 212.2 | 212.6 | 211.9 | 210.1 | 207.6 | 206.4  |
| 162.5° | 201.2  | 202.3 | 204.0 | 205.5 | 205.5 | 205.5 | 205.5 | 205.5 | 204.0 | 202.3 | 201.2  |
| 165°   | 196.0  | 196.9 | 198.4 | 199.1 | 199.1 | 199.1 | 199.1 | 199.1 | 198.4 | 196.9 | 196.0  |
| 167.5° | 191.2  | 192.0 | 192.7 | 193.4 | 193.0 | 193.0 | 193.0 | 193.4 | 192.7 | 192.0 | 191.2  |
| 170°   | 186.6  | 187.0 | 187.7 | 188.0 | 188.0 | 187.7 | 188.0 | 188.0 | 187.7 | 187.0 | 186.6  |
| 172.5° | 182.9  | 183.1 | 183.1 | 183.8 | 183.1 | 182.7 | 183.1 | 183.8 | 183.1 | 183.1 | 182.9  |
| 175°   | 179.5  | 179.5 | 179.5 | 179.9 | 179.2 | 178.8 | 179.2 | 179.9 | 179.5 | 179.5 | 179.5  |
| 177.5° | 177.4  | 177.4 | 177.0 | 177.4 | 176.3 | 176.3 | 176.3 | 177.4 | 177.0 | 177.4 | 177.4  |
| 180°   | 176.3  | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3  |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3 | 891.3  | 891.3 |
| 2.5°   | 846.6 | 842.1 | 847.4 | 840.6 | 842.1 | 850.4 | 849.6 | 857.2 | 861.8 | 861.0  | 864.8 |
| 5°     | 790.6 | 790.6 | 792.9 | 792.1 | 799.7 | 806.5 | 815.6 | 823.2 | 831.5 | 836.0  | 841.3 |
| 7.5°   | 735.4 | 743.0 | 744.5 | 748.3 | 757.3 | 768.7 | 777.8 | 789.1 | 801.2 | 809.5  | 815.6 |
| 10°    | 690.0 | 696.1 | 702.1 | 705.1 | 715.0 | 730.1 | 743.0 | 761.1 | 776.3 | 785.3  | 793.7 |
| 12.5°  | 649.9 | 656.7 | 659.7 | 673.4 | 680.2 | 690.0 | 708.2 | 727.8 | 744.5 | 754.3  | 761.1 |
| 15°    | 621.2 | 624.9 | 631.7 | 640.1 | 646.9 | 659.0 | 674.1 | 696.1 | 711.9 | 720.3  | 743.7 |
| 17.5°  | 596.9 | 601.5 | 605.3 | 609.1 | 619.6 | 632.5 | 646.9 | 665.8 | 686.2 | 700.6  | 712.7 |
| 20°    | 572.0 | 574.2 | 578.8 | 584.8 | 592.4 | 604.5 | 617.4 | 637.0 | 655.2 | 666.6  | 682.4 |
| 22.5°  | 542.5 | 549.3 | 553.8 | 558.4 | 566.7 | 580.3 | 592.4 | 606.8 | 629.5 | 642.3  | 659.0 |
| 25°    | 525.1 | 528.1 | 531.1 | 536.4 | 542.5 | 554.6 | 568.2 | 583.3 | 601.5 | 615.1  | 629.5 |
| 27.5°  | 502.4 | 506.9 | 510.7 | 517.5 | 521.3 | 531.1 | 544.0 | 559.1 | 581.1 | 592.4  | 604.5 |
| 30°    | 483.5 | 488.0 | 491.0 | 494.1 | 499.3 | 509.9 | 522.0 | 534.1 | 554.6 | 569.0  | 581.1 |
| 32.5°  | 464.5 | 469.1 | 472.9 | 475.1 | 480.4 | 487.2 | 497.1 | 512.2 | 529.6 | 539.4  | 555.3 |
| 35°    | 447.9 | 447.9 | 452.4 | 455.5 | 460.0 | 466.1 | 475.1 | 486.5 | 504.6 | 517.5  | 531.9 |
| 37.5°  | 429.0 | 429.7 | 433.5 | 435.8 | 440.3 | 446.4 | 455.5 | 466.1 | 481.2 | 491.0  | 505.4 |
| 40°    | 409.3 | 411.6 | 413.1 | 416.9 | 422.2 | 424.4 | 433.5 | 445.6 | 460.8 | 469.8  | 481.9 |
| 42.5°  | 389.6 | 391.2 | 394.9 | 398.0 | 402.5 | 406.3 | 412.3 | 423.7 | 435.0 | 448.7  | 458.5 |
| 45°    | 367.7 | 371.5 | 373.8 | 379.0 | 381.3 | 385.1 | 391.2 | 400.2 | 413.9 | 422.2  | 433.5 |
| 47.5°  | 348.8 | 350.3 | 351.8 | 358.6 | 363.2 | 365.4 | 371.5 | 376.8 | 391.2 | 398.7  | 409.3 |
| 50°    | 328.4 | 328.4 | 330.6 | 333.7 | 339.0 | 343.5 | 348.8 | 354.8 | 366.2 | 373.8  | 384.3 |
| 52.5°  | 309.4 | 307.2 | 308.7 | 310.2 | 315.5 | 320.0 | 325.3 | 333.7 | 344.2 | 348.8  | 357.9 |
| 55°    | 289.0 | 285.2 | 287.5 | 289.8 | 291.3 | 297.3 | 303.4 | 308.7 | 317.0 | 323.8  | 332.1 |
| 57.5°  | 267.1 | 266.3 | 264.8 | 265.6 | 269.3 | 273.1 | 277.7 | 284.5 | 294.3 | 299.6  | 304.1 |
| 60°    | 247.4 | 242.9 | 241.4 | 242.9 | 245.1 | 247.4 | 253.5 | 259.5 | 267.8 | 273.1  | 278.4 |
| 62.5°  | 227.0 | 222.4 | 219.4 | 217.1 | 219.4 | 224.7 | 228.5 | 233.0 | 239.8 | 245.9  | 250.4 |
| 65°    | 207.3 | 200.5 | 197.5 | 196.0 | 195.2 | 199.0 | 202.0 | 208.1 | 214.1 | 216.4  | 221.7 |
| 67.5°  | 185.4 | 179.3 | 175.5 | 173.3 | 173.3 | 173.3 | 176.3 | 182.3 | 188.4 | 189.1  | 194.4 |
| 70°    | 163.4 | 156.6 | 152.8 | 149.8 | 148.3 | 149.8 | 153.6 | 154.3 | 159.6 | 161.2  | 164.2 |
| 72.5°  | 140.0 | 133.9 | 129.4 | 125.6 | 126.3 | 127.9 | 127.9 | 129.4 | 132.4 | 136.2  | 136.2 |
| 75°    | 118.0 | 109.7 | 107.4 | 104.4 | 102.9 | 102.9 | 102.9 | 105.9 | 108.2 | 111.2  | 110.5 |
| 77.5°  | 93.1  | 88.5  | 84.0  | 82.5  | 80.2  | 79.4  | 81.0  | 81.0  | 82.5  | 84.7   | 85.5  |
| 80°    | 71.9  | 66.6  | 63.6  | 62.0  | 59.0  | 58.3  | 59.0  | 59.0  | 61.3  | 60.5   | 61.3  |
| 82.5°  | 49.9  | 46.2  | 43.9  | 41.6  | 40.1  | 40.9  | 40.1  | 40.1  | 40.9  | 40.1   | 40.1  |
| 85°    | 28.8  | 28.0  | 26.5  | 25.7  | 25.0  | 23.5  | 25.0  | 24.2  | 23.5  | 22.7   | 24.2  |
| 87.5°  | 13.6  | 12.9  | 12.9  | 11.3  | 11.3  | 10.6  | 11.3  | 11.3  | 10.6  | 10.6   | 10.6  |
| 90°    | 7.1   | 6.8   | 6.4   | 6.0   | 5.7   | 5.0   | 4.6   | 3.9   | 3.6   | 3.2    | 2.8   |
| 92.5°  | 41.2  | 55.5  | 77.1  | 114.5 | 141.8 | 144.3 | 100.2 | 59.7  | 35.5  | 29.2   | 22.8  |
| 95°    | 157.8 | 201.6 | 255.6 | 308.2 | 314.9 | 257.0 | 158.9 | 80.7  | 42.7  | 34.7   | 26.7  |
| 97.5°  | 279.4 | 323.5 | 366.5 | 385.0 | 340.2 | 235.7 | 129.7 | 69.7  | 43.4  | 37.5   | 31.6  |
| 100°   | 383.2 | 419.8 | 437.2 | 409.9 | 321.0 | 204.8 | 115.2 | 69.0  | 48.3  | 43.0   | 37.7  |
| 102.5° | 466.0 | 478.8 | 461.0 | 394.9 | 287.2 | 181.3 | 109.1 | 72.2  | 54.4  | 49.2   | 44.1  |
| 105°   | 509.4 | 493.8 | 445.1 | 359.7 | 257.7 | 167.8 | 108.4 | 76.8  | 61.1  | 56.2   | 51.2  |
| 107.5° | 514.4 | 476.7 | 412.3 | 326.3 | 235.7 | 160.7 | 110.9 | 83.2  | 67.9  | 63.4   | 59.0  |
| 110°   | 493.0 | 442.9 | 375.4 | 298.6 | 221.1 | 157.8 | 114.8 | 90.3  | 75.7  | 71.1   | 66.5  |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 460.3 | 409.5 | 346.2 | 278.0 | 212.6 | 157.8 | 119.8 | 97.0  | 83.2  | 78.8   | 74.3  |
| 115°   | 426.6 | 377.9 | 322.8 | 264.1 | 206.9 | 158.9 | 124.8 | 104.2 | 91.0  | 86.6   | 82.1  |
| 117.5° | 397.8 | 355.1 | 306.4 | 254.9 | 203.7 | 160.7 | 130.5 | 111.3 | 98.8  | 94.6   | 90.3  |
| 120°   | 375.4 | 336.3 | 293.6 | 247.4 | 201.6 | 163.5 | 136.1 | 119.1 | 106.6 | 102.2  | 97.8  |
| 122.5° | 356.5 | 322.8 | 284.0 | 241.0 | 199.8 | 166.0 | 142.5 | 126.5 | 114.1 | 109.6  | 105.2 |
| 125°   | 342.0 | 311.0 | 274.8 | 235.3 | 198.4 | 168.9 | 148.2 | 132.9 | 121.2 | 116.6  | 112.0 |
| 127.5° | 328.8 | 299.7 | 265.2 | 230.0 | 197.6 | 172.0 | 153.6 | 139.3 | 128.0 | 123.4  | 118.7 |
| 130°   | 315.3 | 287.6 | 256.3 | 224.7 | 196.9 | 174.9 | 158.9 | 145.4 | 134.4 | 129.8  | 125.1 |
| 132.5° | 300.7 | 276.2 | 247.4 | 220.4 | 196.9 | 178.1 | 163.5 | 151.1 | 140.1 | 135.4  | 130.8 |
| 135°   | 287.2 | 264.5 | 239.9 | 217.2 | 196.9 | 180.9 | 167.8 | 156.1 | 145.0 | 140.2  | 135.4 |
| 137.5° | 273.4 | 253.8 | 233.2 | 214.0 | 197.3 | 183.8 | 171.0 | 159.6 | 149.7 | 144.7  | 139.7 |
| 140°   | 260.9 | 244.6 | 227.9 | 211.9 | 197.6 | 185.6 | 174.2 | 163.5 | 153.2 | 148.4  | 143.6 |
| 142.5° | 250.3 | 236.7 | 223.2 | 210.1 | 198.0 | 186.6 | 176.0 | 166.0 | 156.4 | 152.0  | 147.5 |
| 145°   | 241.4 | 230.3 | 219.3 | 208.3 | 197.6 | 187.3 | 177.7 | 168.9 | 159.6 | 155.5  | 151.4 |
| 147.5° | 233.5 | 224.7 | 215.4 | 206.5 | 196.9 | 187.7 | 178.8 | 170.6 | 162.5 | 158.8  | 155.0 |
| 150°   | 226.8 | 220.0 | 212.2 | 204.4 | 195.9 | 187.7 | 179.9 | 172.4 | 164.6 | 161.6  | 158.5 |
| 152.5° | 221.5 | 215.4 | 208.7 | 201.9 | 194.4 | 187.3 | 180.6 | 174.2 | 167.1 | 164.4  | 161.7 |
| 155°   | 215.8 | 210.8 | 205.1 | 199.1 | 192.7 | 186.6 | 180.9 | 175.2 | 169.2 | 166.7  | 164.2 |
| 157.5° | 210.4 | 206.5 | 201.6 | 196.6 | 190.9 | 185.9 | 181.3 | 176.3 | 171.0 | 169.0  | 167.1 |
| 160°   | 205.1 | 201.6 | 198.0 | 193.4 | 189.1 | 184.8 | 181.3 | 177.0 | 172.4 | 170.8  | 169.2 |
| 162.5° | 200.1 | 197.3 | 194.1 | 190.5 | 187.0 | 183.8 | 180.9 | 177.7 | 173.8 | 172.6  | 171.3 |
| 165°   | 195.2 | 193.0 | 190.5 | 187.7 | 184.8 | 182.7 | 180.6 | 177.7 | 174.9 | 173.9  | 172.8 |
| 167.5° | 190.5 | 188.8 | 187.0 | 184.8 | 182.7 | 180.9 | 179.9 | 177.7 | 175.2 | 174.5  | 173.8 |
| 170°   | 186.3 | 185.2 | 184.1 | 182.4 | 180.9 | 179.9 | 179.2 | 177.7 | 176.0 | 175.4  | 174.9 |
| 172.5° | 182.7 | 182.0 | 180.9 | 179.9 | 178.8 | 178.4 | 178.4 | 177.4 | 176.0 | 175.8  | 175.6 |
| 175°   | 179.5 | 178.8 | 178.8 | 177.7 | 177.4 | 177.4 | 177.7 | 177.0 | 176.0 | 176.0  | 176.0 |
| 177.5° | 177.4 | 177.4 | 177.0 | 176.7 | 176.3 | 176.3 | 177.0 | 176.7 | 176.0 | 176.0  | 176.0 |
| 180°   | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3 | 176.3  | 176.3 |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 891.3 | 891.3 | 891.3 | 891.3 |
| 2.5°   | 870.1 | 877.6 | 882.9 | 892.8 |
| 5°     | 850.4 | 864.0 | 876.9 | 890.5 |
| 7.5°   | 830.7 | 846.6 | 867.0 | 884.4 |
| 10°    | 808.8 | 829.2 | 853.4 | 876.9 |
| 12.5°  | 786.8 | 811.1 | 837.5 | 868.6 |
| 15°    | 760.4 | 791.4 | 822.4 | 855.7 |
| 17.5°  | 736.9 | 768.7 | 802.0 | 843.6 |
| 20°    | 710.4 | 745.2 | 781.6 | 823.9 |
| 22.5°  | 687.0 | 725.6 | 763.4 | 808.0 |
| 25°    | 660.5 | 698.3 | 739.9 | 787.6 |
| 27.5°  | 638.6 | 673.4 | 714.2 | 765.7 |
| 30°    | 612.1 | 649.9 | 690.8 | 742.2 |
| 32.5°  | 587.1 | 623.4 | 666.6 | 717.2 |
| 35°    | 561.4 | 598.5 | 637.0 | 685.5 |
| 37.5°  | 537.2 | 569.0 | 607.5 | 653.7 |
| 40°    | 509.9 | 544.7 | 579.5 | 615.9 |
| 42.5°  | 485.0 | 516.7 | 549.3 | 578.0 |
| 45°    | 457.0 | 484.2 | 515.2 | 538.7 |
| 47.5°  | 431.3 | 455.5 | 479.7 | 497.8 |
| 50°    | 405.5 | 424.4 | 442.6 | 458.5 |
| 52.5°  | 375.3 | 396.5 | 406.3 | 416.1 |
| 55°    | 348.0 | 360.1 | 369.2 | 379.0 |
| 57.5°  | 321.5 | 326.8 | 331.4 | 340.5 |
| 60°    | 286.7 | 292.8 | 298.1 | 304.9 |
| 62.5°  | 256.5 | 259.5 | 261.0 | 267.8 |
| 65°    | 227.7 | 227.0 | 230.8 | 234.5 |
| 67.5°  | 196.7 | 196.0 | 199.7 | 201.3 |
| 70°    | 166.4 | 165.7 | 166.4 | 170.2 |
| 72.5°  | 137.7 | 137.7 | 138.5 | 140.0 |
| 75°    | 111.2 | 111.2 | 112.0 | 113.5 |
| 77.5°  | 84.0  | 85.5  | 84.7  | 87.8  |
| 80°    | 61.3  | 59.8  | 61.3  | 62.8  |
| 82.5°  | 40.1  | 41.6  | 41.6  | 40.1  |
| 85°    | 22.7  | 22.7  | 22.7  | 22.7  |
| 87.5°  | 9.8   | 9.8   | 10.6  | 11.3  |
| 90°    | 2.1   | 1.4   | 0.7   | 0.4   |
| 92.5°  | 15.3  | 10.0  | 6.4   | 5.3   |
| 95°    | 18.8  | 14.9  | 12.1  | 11.7  |
| 97.5°  | 24.5  | 20.6  | 18.5  | 18.1  |
| 100°   | 30.9  | 27.0  | 25.6  | 24.9  |
| 102.5° | 38.0  | 33.8  | 32.7  | 32.3  |
| 105°   | 45.5  | 41.9  | 40.2  | 40.2  |
| 107.5° | 53.0  | 50.1  | 48.3  | 47.6  |
| 110°   | 61.1  | 57.9  | 56.5  | 55.8  |

TEST NUMBER: P1028071

CATALOG NUMBER: S125DIP-B610D375UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 69.0  | 65.8  | 64.7  | 64.0  |
| 115°   | 76.8  | 73.6  | 72.5  | 71.8  |
| 117.5° | 84.2  | 81.0  | 80.0  | 78.9  |
| 120°   | 91.7  | 88.5  | 87.1  | 86.0  |
| 122.5° | 98.5  | 95.3  | 94.2  | 93.5  |
| 125°   | 105.2 | 102.0 | 100.2 | 99.5  |
| 127.5° | 111.6 | 107.7 | 105.6 | 104.5 |
| 130°   | 117.7 | 113.0 | 110.2 | 109.1 |
| 132.5° | 123.0 | 117.7 | 114.1 | 112.7 |
| 135°   | 128.0 | 122.3 | 118.0 | 116.6 |
| 137.5° | 132.2 | 126.5 | 122.6 | 121.6 |
| 140°   | 136.9 | 131.2 | 126.9 | 125.8 |
| 142.5° | 141.1 | 135.4 | 131.5 | 130.8 |
| 145°   | 145.0 | 140.1 | 136.5 | 135.8 |
| 147.5° | 149.3 | 144.7 | 141.5 | 141.1 |
| 150°   | 153.6 | 148.9 | 146.5 | 145.7 |
| 152.5° | 157.1 | 153.2 | 151.1 | 150.7 |
| 155°   | 160.7 | 157.1 | 155.0 | 155.0 |
| 157.5° | 163.9 | 160.7 | 158.9 | 158.9 |
| 160°   | 166.4 | 163.9 | 162.5 | 162.8 |
| 162.5° | 169.2 | 167.1 | 165.7 | 166.0 |
| 165°   | 171.3 | 169.6 | 168.5 | 169.2 |
| 167.5° | 172.8 | 171.7 | 171.0 | 171.3 |
| 170°   | 174.2 | 173.5 | 173.1 | 173.5 |
| 172.5° | 175.2 | 174.5 | 174.2 | 174.9 |
| 175°   | 176.0 | 175.6 | 175.2 | 176.0 |
| 177.5° | 176.3 | 176.0 | 176.0 | 176.7 |
| 180°   | 176.3 | 176.3 | 176.3 | 176.3 |

(END OF REPORT)