

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: P1009057

Luminaire Tested: S122DIP-B485D330UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1009057  
REPORT IS A COMBINATION OF REPORTS P984220 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B485D330UB40-4F0-XX-W2A-A  
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

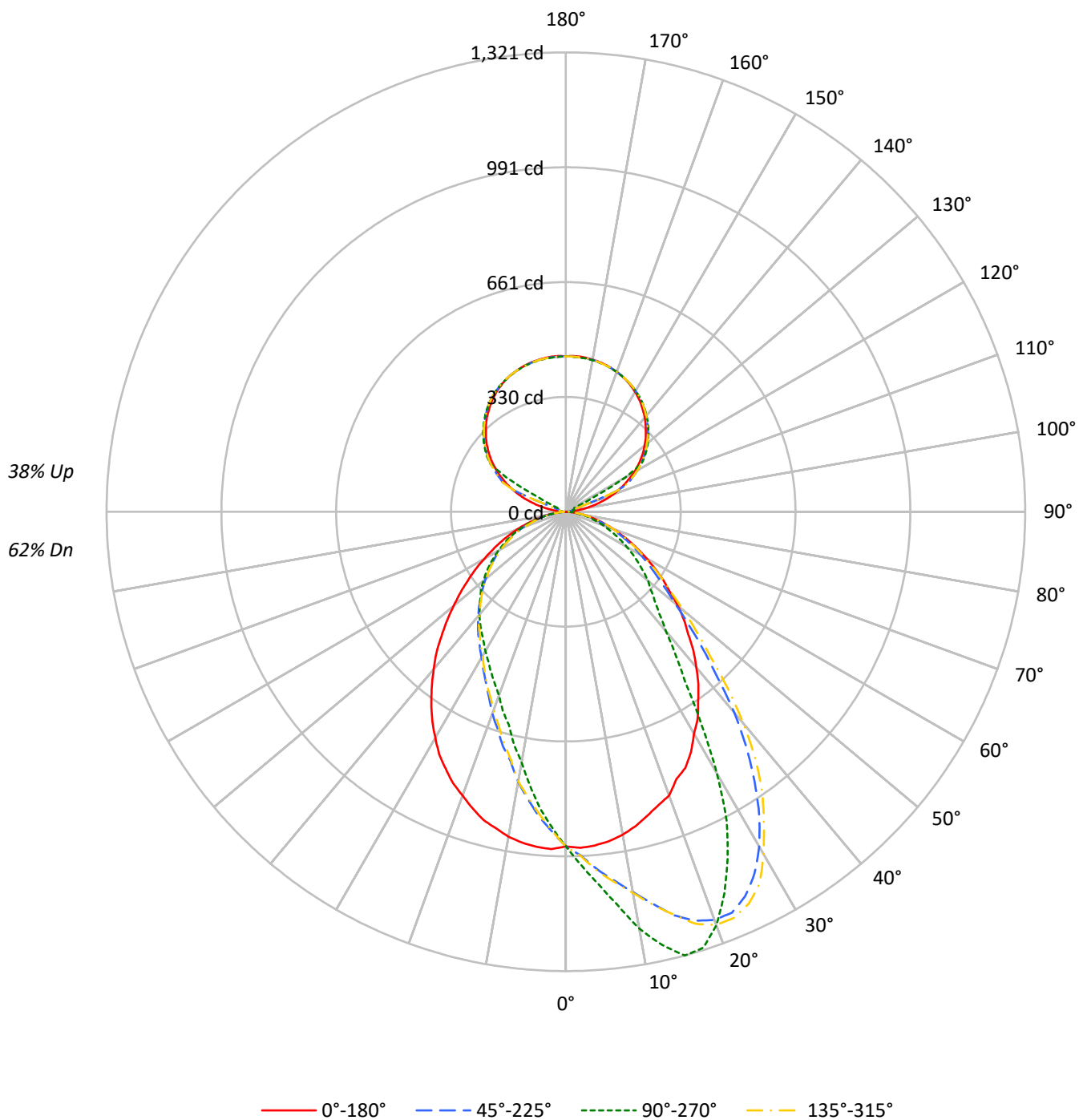
Lumens per Lamp: N/A  
Luminaire Lumens: 3434.0 lumens  
Efficiency: N/A  
Efficacy: 103.1 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

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: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 | 67 | 67 | 67 |
| 1   | 101 | 97  | 93  | 90  | 95  | 91  | 88  | 85  | 80 | 77 | 75 | 70 | 68 | 66 | 60 | 59 | 58 | 58 | 58 | 53 |
| 2   | 93  | 85  | 79  | 74  | 86  | 80  | 75  | 71  | 71 | 67 | 63 | 62 | 59 | 56 | 54 | 52 | 50 | 50 | 46 | 46 |
| 3   | 85  | 76  | 68  | 63  | 79  | 71  | 65  | 60  | 63 | 58 | 54 | 55 | 51 | 48 | 48 | 45 | 43 | 43 | 39 | 39 |
| 4   | 78  | 67  | 60  | 54  | 73  | 64  | 57  | 51  | 56 | 51 | 47 | 50 | 45 | 42 | 43 | 40 | 38 | 38 | 34 | 34 |
| 5   | 72  | 60  | 52  | 46  | 67  | 57  | 50  | 45  | 51 | 45 | 41 | 45 | 40 | 37 | 39 | 36 | 33 | 33 | 30 | 30 |
| 6   | 66  | 54  | 46  | 41  | 62  | 52  | 44  | 39  | 46 | 40 | 36 | 41 | 36 | 33 | 36 | 32 | 29 | 29 | 27 | 27 |
| 7   | 62  | 49  | 42  | 36  | 58  | 47  | 40  | 35  | 42 | 36 | 32 | 37 | 33 | 29 | 33 | 29 | 26 | 26 | 24 | 24 |
| 8   | 57  | 45  | 37  | 32  | 54  | 43  | 36  | 31  | 38 | 33 | 29 | 34 | 30 | 26 | 31 | 27 | 24 | 24 | 22 | 22 |
| 9   | 54  | 41  | 34  | 29  | 50  | 39  | 33  | 28  | 35 | 30 | 26 | 32 | 27 | 24 | 28 | 25 | 22 | 22 | 20 | 20 |
| 10  | 50  | 38  | 31  | 26  | 47  | 36  | 30  | 25  | 33 | 27 | 23 | 29 | 25 | 22 | 26 | 23 | 20 | 20 | 18 | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15231 | 15231 | 15231 | 15231 |
| 5°  | 15268 | 16241 | 15327 | 12921 |
| 10° | 15091 | 17729 | 15185 | 10653 |
| 15° | 14726 | 18701 | 14929 | 8974  |
| 20° | 14495 | 17558 | 14495 | 7799  |
| 25° | 14033 | 15085 | 14096 | 6975  |
| 30° | 13274 | 11858 | 13526 | 6317  |
| 35° | 12599 | 8200  | 12810 | 5780  |
| 40° | 11826 | 6191  | 11961 | 5351  |
| 45° | 10872 | 5087  | 11049 | 4890  |
| 50° | 10046 | 4465  | 10063 | 4476  |
| 55° | 9105  | 3805  | 9164  | 4027  |
| 60° | 8102  | 3179  | 8214  | 3514  |
| 65° | 7206  | 2585  | 7337  | 3001  |
| 70° | 6310  | 2027  | 6470  | 2420  |
| 75° | 5298  | 1472  | 5505  | 1755  |
| 80° | 4136  | 933   | 4431  | 1043  |
| 85° | 2712  | 470   | 2924  | 348   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15745 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.7   | 2.7       |
| 10°-20°   | 266.8  | 7.8       |
| 20°-30°   | 387.2  | 11.3      |
| 30°-40°   | 408.1  | 11.9      |
| 40°-50°   | 361.2  | 10.5      |
| 50°-60°   | 288.4  | 8.4       |
| 60°-70°   | 195.9  | 5.7       |
| 70°-80°   | 100.2  | 2.9       |
| 80°-90°   | 24.5   | 0.7       |
| 90°-100°  | 14.7   | 0.4       |
| 100°-110° | 54.9   | 1.6       |
| 110°-120° | 145.7  | 4.2       |
| 120°-130° | 241.7  | 7.0       |
| 130°-140° | 256.7  | 7.5       |
| 140°-150° | 238.6  | 6.9       |
| 150°-160° | 191.8  | 5.6       |
| 160°-170° | 123.6  | 3.6       |
| 170°-180° | 42.5   | 1.2       |
| 0°-30°    | 745.6  | 21.7      |
| 0°-40°    | 1153.7 | 33.6      |
| 0°-60°    | 1803.2 | 52.5      |
| 0°-90°    | 2123.8 | 61.8      |
| 90°-120°  | 215.4  | 6.3       |
| 90°-150°  | 952.3  | 27.7      |
| 90°-180°  | 1310.0 | 38.1      |
| 0°-180°   | 3434.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 962 | 962  | 962  | 962  | 962  |      |
| 5°   | 963 | 1075 | 967  | 855  | 963  | 91   |
| 15°  | 905 | 1321 | 917  | 634  | 905  | 255  |
| 25°  | 813 | 1101 | 816  | 509  | 813  | 372  |
| 35°  | 663 | 599  | 674  | 422  | 663  | 415  |
| 45°  | 498 | 361  | 506  | 347  | 498  | 386  |
| 55°  | 342 | 254  | 344  | 268  | 342  | 305  |
| 65°  | 203 | 156  | 206  | 181  | 203  | 201  |
| 75°  | 95  | 77   | 98   | 92   | 95   | 102  |
| 85°  | 19  | 20   | 21   | 15   | 19   | 22   |
| 90°  | 0   | 9    | 0    | 9    | 0    | 2    |
| 95°  | 21  | 14   | 21   | 14   | 21   | 25   |
| 105° | 98  | 25   | 98   | 25   | 98   | 105  |
| 115° | 186 | 26   | 186  | 26   | 186  | 183  |
| 125° | 263 | 276  | 263  | 276  | 263  | 234  |
| 135° | 325 | 336  | 325  | 336  | 325  | 251  |
| 145° | 377 | 383  | 377  | 383  | 377  | 236  |
| 155° | 416 | 416  | 416  | 416  | 416  | 191  |
| 165° | 438 | 437  | 438  | 437  | 438  | 124  |
| 175° | 448 | 445  | 448  | 445  | 448  | 43   |
| 180° | 447 | 447  | 447  | 447  | 447  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 967.4 | 969.6 | 973.3 | 974.1  | 981.5  | 987.4  | 994.0  | 994.0  | 996.3  | 995.5  | 989.6  |
| 5°     | 963.0 | 969.6 | 979.3 | 987.4  | 1000.7 | 1006.6 | 1015.5 | 1022.2 | 1028.1 | 1032.5 | 1031.8 |
| 7.5°   | 955.6 | 967.4 | 981.5 | 997.0  | 1014.8 | 1025.1 | 1037.7 | 1049.5 | 1057.7 | 1065.0 | 1070.2 |
| 10°    | 943.0 | 963.0 | 982.2 | 1002.9 | 1025.8 | 1039.9 | 1054.7 | 1070.2 | 1082.8 | 1096.9 | 1110.2 |
| 12.5°  | 926.0 | 954.8 | 978.5 | 1005.9 | 1034.0 | 1049.5 | 1073.2 | 1085.0 | 1109.4 | 1144.9 | 1154.5 |
| 15°    | 904.6 | 943.8 | 965.9 | 1000.7 | 1037.7 | 1050.3 | 1082.8 | 1102.0 | 1152.3 | 1174.5 | 1201.1 |
| 17.5°  | 884.6 | 928.2 | 957.8 | 997.7  | 1034.0 | 1058.4 | 1090.2 | 1129.4 | 1171.6 | 1203.4 | 1232.9 |
| 20°    | 868.3 | 910.5 | 946.0 | 990.3  | 1036.2 | 1067.3 | 1100.6 | 1147.9 | 1193.7 | 1226.3 | 1249.2 |
| 22.5°  | 831.3 | 885.3 | 926.7 | 976.3  | 1031.8 | 1074.7 | 1106.5 | 1158.2 | 1207.8 | 1227.8 | 1247.7 |
| 25°    | 812.8 | 859.4 | 907.5 | 963.7  | 1028.8 | 1079.8 | 1107.2 | 1164.9 | 1208.5 | 1215.9 | 1220.4 |
| 27.5°  | 778.8 | 831.3 | 887.5 | 951.9  | 1028.1 | 1071.0 | 1105.7 | 1158.2 | 1193.0 | 1187.8 | 1174.5 |
| 30°    | 736.7 | 801.0 | 863.1 | 932.7  | 1017.7 | 1064.3 | 1096.9 | 1144.9 | 1162.7 | 1136.1 | 1112.4 |
| 32.5°  | 705.6 | 766.2 | 835.0 | 915.6  | 1005.9 | 1050.3 | 1082.1 | 1119.8 | 1123.5 | 1075.4 | 1035.5 |
| 35°    | 663.4 | 730.7 | 808.4 | 893.5  | 985.9  | 1025.8 | 1055.4 | 1078.4 | 1060.6 | 993.3  | 946.0  |
| 37.5°  | 625.7 | 692.3 | 775.1 | 861.7  | 958.5  | 997.7  | 1021.4 | 1025.1 | 981.5  | 922.3  | 852.8  |
| 40°    | 584.3 | 653.1 | 739.6 | 830.6  | 928.2  | 962.2  | 977.0  | 965.9  | 903.1  | 834.3  | 753.7  |
| 42.5°  | 542.9 | 610.9 | 704.1 | 797.3  | 889.8  | 918.6  | 924.5  | 894.2  | 817.3  | 736.7  | 643.5  |
| 45°    | 497.8 | 568.8 | 662.0 | 755.9  | 845.4  | 861.7  | 862.4  | 818.8  | 727.8  | 643.5  | 556.9  |
| 47.5°  | 460.8 | 526.6 | 619.1 | 713.0  | 788.4  | 799.5  | 795.1  | 744.8  | 645.7  | 551.0  | 475.6  |
| 50°    | 420.1 | 483.0 | 574.7 | 667.1  | 731.5  | 734.4  | 723.3  | 651.6  | 554.7  | 468.2  | 408.3  |
| 52.5°  | 376.5 | 440.1 | 524.4 | 613.1  | 670.8  | 666.4  | 644.9  | 568.0  | 477.1  | 405.3  | 359.5  |
| 55°    | 341.7 | 397.9 | 477.1 | 563.6  | 604.3  | 591.7  | 568.0  | 489.6  | 417.9  | 357.2  | 317.3  |
| 57.5°  | 303.2 | 352.8 | 430.5 | 505.9  | 529.6  | 517.7  | 494.1  | 420.8  | 354.3  | 308.4  | 281.8  |
| 60°    | 267.0 | 312.1 | 380.2 | 443.0  | 461.5  | 448.9  | 421.6  | 355.8  | 307.7  | 269.2  | 249.3  |
| 62.5°  | 233.7 | 272.9 | 329.9 | 387.6  | 395.0  | 382.4  | 358.7  | 305.5  | 264.0  | 233.7  | 218.9  |
| 65°    | 202.7 | 239.6 | 285.5 | 329.1  | 335.8  | 322.5  | 298.1  | 259.6  | 224.8  | 205.6  | 191.6  |
| 67.5°  | 172.3 | 201.9 | 242.6 | 274.4  | 278.1  | 265.5  | 245.6  | 214.5  | 193.0  | 172.3  | 162.0  |
| 70°    | 145.7 | 167.9 | 199.7 | 225.6  | 227.1  | 215.2  | 204.9  | 176.8  | 160.5  | 145.7  | 137.6  |
| 72.5°  | 119.8 | 135.4 | 159.8 | 179.0  | 179.7  | 172.3  | 162.7  | 145.0  | 130.9  | 120.6  | 112.4  |
| 75°    | 94.7  | 108.0 | 122.8 | 139.8  | 139.0  | 133.1  | 125.7  | 114.6  | 102.8  | 96.2   | 92.5   |
| 77.5°  | 72.5  | 80.6  | 92.5  | 103.5  | 103.5  | 100.6  | 96.2   | 88.0   | 80.6   | 74.0   | 70.3   |
| 80°    | 51.8  | 57.0  | 66.6  | 70.3   | 71.7   | 71.0   | 67.3   | 61.4   | 58.4   | 53.3   | 51.8   |
| 82.5°  | 33.3  | 37.0  | 41.4  | 45.1   | 47.3   | 45.9   | 45.1   | 42.2   | 37.7   | 36.2   | 34.8   |
| 85°    | 19.2  | 20.7  | 22.9  | 25.1   | 25.9   | 25.1   | 26.6   | 24.4   | 22.2   | 22.2   | 21.4   |
| 87.5°  | 8.1   | 8.9   | 10.4  | 10.4   | 11.1   | 11.1   | 10.4   | 11.1   | 11.1   | 10.4   | 9.6    |
| 90°    | 0.3   | 1.1   | 1.9   | 2.7    | 3.5    | 3.9    | 4.2    | 4.8    | 5.3    | 5.9    | 6.5    |
| 92.5°  | 8.1   | 7.8   | 7.5   | 7.2    | 6.9    | 6.8    | 6.9    | 7.1    | 7.4    | 7.6    | 7.8    |
| 95°    | 21.0  | 18.6  | 16.2  | 13.9   | 11.5   | 10.3   | 10.6   | 11.1   | 11.6   | 12.1   | 12.6   |
| 97.5°  | 37.8  | 31.9  | 26.0  | 20.1   | 14.2   | 11.3   | 11.9   | 13.0   | 14.2   | 15.3   | 16.5   |
| 100°   | 57.2  | 47.4  | 37.5  | 27.7   | 17.8   | 12.9   | 13.5   | 14.7   | 16.0   | 17.2   | 18.4   |
| 102.5° | 78.6  | 78.4  | 78.3  | 78.1   | 78.0   | 77.9   | 71.4   | 58.3   | 45.2   | 32.2   | 19.1   |
| 105°   | 98.3  | 100.5 | 102.6 | 104.8  | 106.9  | 108.0  | 98.2   | 78.6   | 58.9   | 39.3   | 19.7   |
| 107.5° | 121.3 | 123.1 | 124.9 | 126.7  | 128.5  | 129.4  | 117.3  | 93.1   | 68.8   | 44.6   | 20.4   |
| 110°   | 143.3 | 144.8 | 146.3 | 147.8  | 149.3  | 150.1  | 139.7  | 118.9  | 98.2   | 77.4   | 56.6   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 164.0 | 165.3 | 166.6 | 167.9 | 169.2 | 169.8 | 169.2 | 168.0 | 166.7 | 165.5 | 164.3 |
| 115°   | 185.9 | 187.1 | 188.3 | 189.6 | 190.8 | 191.4 | 192.3 | 194.1 | 195.9 | 197.7 | 199.5 |
| 117.5° | 205.0 | 206.4 | 207.9 | 209.3 | 210.8 | 211.5 | 212.1 | 213.3 | 214.6 | 215.8 | 217.0 |
| 120°   | 226.4 | 227.5 | 228.5 | 229.6 | 230.7 | 231.2 | 231.8 | 233.1 | 234.4 | 235.7 | 237.0 |
| 122.5° | 244.5 | 245.7 | 246.8 | 248.0 | 249.1 | 249.7 | 250.4 | 251.8 | 253.3 | 254.7 | 256.1 |
| 125°   | 262.9 | 263.8 | 264.8 | 265.7 | 266.6 | 267.1 | 267.8 | 269.2 | 270.5 | 271.9 | 273.3 |
| 127.5° | 279.7 | 280.7 | 281.7 | 282.8 | 283.8 | 284.3 | 284.8 | 285.9 | 287.0 | 288.0 | 289.1 |
| 130°   | 295.6 | 296.7 | 297.9 | 299.0 | 300.1 | 300.7 | 301.1 | 301.9 | 302.7 | 303.5 | 304.3 |
| 132.5° | 311.7 | 312.6 | 313.6 | 314.5 | 315.4 | 315.9 | 316.3 | 317.1 | 317.9 | 318.7 | 319.5 |
| 135°   | 325.3 | 326.5 | 327.6 | 328.8 | 329.9 | 330.5 | 330.8 | 331.5 | 332.1 | 332.8 | 333.4 |
| 137.5° | 339.6 | 340.4 | 341.3 | 342.1 | 343.0 | 343.4 | 343.8 | 344.5 | 345.2 | 346.0 | 346.7 |
| 140°   | 353.5 | 354.1 | 354.6 | 355.2 | 355.7 | 356.0 | 356.4 | 357.2 | 358.0 | 358.8 | 359.6 |
| 142.5° | 365.1 | 365.6 | 366.1 | 366.6 | 367.1 | 367.4 | 367.9 | 368.8 | 369.7 | 370.7 | 371.6 |
| 145°   | 377.4 | 377.3 | 377.3 | 377.2 | 377.1 | 377.1 | 377.7 | 378.9 | 380.2 | 381.4 | 382.6 |
| 147.5° | 388.1 | 387.9 | 387.7 | 387.4 | 387.2 | 387.1 | 387.7 | 388.9 | 390.2 | 391.4 | 392.6 |
| 150°   | 398.4 | 397.9 | 397.4 | 396.9 | 396.4 | 396.1 | 396.7 | 397.8 | 399.0 | 400.1 | 401.3 |
| 152.5° | 407.1 | 406.5 | 406.0 | 405.4 | 404.9 | 404.6 | 405.1 | 406.2 | 407.3 | 408.3 | 409.4 |
| 155°   | 415.6 | 414.9 | 414.3 | 413.6 | 412.9 | 412.6 | 413.0 | 413.9 | 414.8 | 415.6 | 416.5 |
| 157.5° | 422.3 | 421.7 | 421.2 | 420.6 | 420.1 | 419.8 | 420.1 | 420.8 | 421.4 | 422.1 | 422.7 |
| 160°   | 428.2 | 427.8 | 427.3 | 426.9 | 426.4 | 426.2 | 426.4 | 426.9 | 427.3 | 427.8 | 428.2 |
| 162.5° | 433.3 | 432.9 | 432.5 | 432.0 | 431.6 | 431.4 | 431.6 | 431.9 | 432.3 | 432.6 | 433.0 |
| 165°   | 437.9 | 437.5 | 437.0 | 436.6 | 436.1 | 435.9 | 436.0 | 436.2 | 436.5 | 436.7 | 436.9 |
| 167.5° | 441.4 | 441.0 | 440.6 | 440.1 | 439.7 | 439.5 | 439.6 | 439.8 | 440.1 | 440.3 | 440.5 |
| 170°   | 444.3 | 443.9 | 443.5 | 443.0 | 442.6 | 442.4 | 442.5 | 442.6 | 442.7 | 442.9 | 443.0 |
| 172.5° | 446.3 | 445.9 | 445.4 | 445.0 | 444.5 | 444.3 | 444.4 | 444.5 | 444.7 | 444.8 | 445.0 |
| 175°   | 447.9 | 447.4 | 446.9 | 446.4 | 445.9 | 445.6 | 445.7 | 445.8 | 446.0 | 446.1 | 446.3 |
| 177.5° | 448.5 | 448.0 | 447.5 | 447.0 | 446.5 | 446.3 | 446.3 | 446.4 | 446.5 | 446.5 | 446.6 |
| 180°   | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 1000.0 | 1000.7 | 1002.2 | 1009.6 | 1013.3 | 1014.0 | 1011.1 | 1017.7 | 1019.9 | 1017.7 | 1016.2 |
| 5°     | 1047.3 | 1051.7 | 1060.6 | 1070.2 | 1069.5 | 1070.2 | 1074.7 | 1079.1 | 1080.6 | 1074.7 | 1076.9 |
| 7.5°   | 1088.7 | 1097.6 | 1107.2 | 1122.0 | 1122.0 | 1129.4 | 1132.4 | 1136.1 | 1144.9 | 1140.5 | 1139.0 |
| 10°    | 1136.1 | 1147.9 | 1165.6 | 1189.3 | 1190.0 | 1197.4 | 1204.8 | 1216.7 | 1220.4 | 1217.4 | 1218.9 |
| 12.5°  | 1195.2 | 1218.2 | 1219.6 | 1245.5 | 1257.3 | 1258.8 | 1270.7 | 1268.4 | 1275.8 | 1275.8 | 1288.4 |
| 15°    | 1221.1 | 1256.6 | 1276.6 | 1301.7 | 1309.1 | 1300.2 | 1309.9 | 1320.2 | 1321.0 | 1321.0 | 1320.2 |
| 17.5°  | 1267.7 | 1281.8 | 1301.7 | 1315.0 | 1318.0 | 1318.0 | 1318.7 | 1323.2 | 1320.2 | 1314.3 | 1318.7 |
| 20°    | 1277.3 | 1283.2 | 1290.6 | 1289.2 | 1290.6 | 1283.2 | 1275.8 | 1268.4 | 1269.2 | 1265.5 | 1276.6 |
| 22.5°  | 1259.6 | 1258.1 | 1241.1 | 1230.0 | 1230.0 | 1215.2 | 1201.1 | 1194.5 | 1187.8 | 1190.0 | 1193.7 |
| 25°    | 1215.2 | 1192.3 | 1171.6 | 1155.3 | 1151.6 | 1127.9 | 1108.7 | 1102.8 | 1091.7 | 1100.6 | 1102.0 |
| 27.5°  | 1144.2 | 1118.3 | 1085.0 | 1071.0 | 1051.7 | 1042.1 | 1028.8 | 1011.1 | 988.1  | 1001.4 | 999.2  |
| 30°    | 1068.0 | 1029.5 | 1002.2 | 968.2  | 937.8  | 935.6  | 910.5  | 880.9  | 869.1  | 869.1  | 875.7  |
| 32.5°  | 983.0  | 931.9  | 892.0  | 843.9  | 814.3  | 801.7  | 771.4  | 741.8  | 748.5  | 726.3  | 734.4  |
| 35°    | 883.8  | 816.5  | 766.2  | 719.6  | 697.5  | 682.7  | 643.5  | 627.2  | 609.4  | 599.1  | 618.3  |
| 37.5°  | 789.2  | 711.5  | 647.2  | 596.1  | 588.0  | 561.4  | 534.7  | 524.4  | 514.0  | 518.5  | 517.7  |
| 40°    | 673.8  | 605.0  | 547.3  | 507.4  | 493.3  | 480.8  | 463.0  | 450.4  | 443.8  | 447.5  | 448.2  |
| 42.5°  | 569.5  | 511.8  | 468.9  | 440.8  | 429.0  | 420.1  | 411.2  | 400.9  | 398.7  | 398.7  | 401.6  |
| 45°    | 488.9  | 441.6  | 412.7  | 389.8  | 383.1  | 376.5  | 369.8  | 365.4  | 363.9  | 360.9  | 363.2  |
| 47.5°  | 424.5  | 386.8  | 369.1  | 352.1  | 344.7  | 343.2  | 337.3  | 335.0  | 332.1  | 331.3  | 332.1  |
| 50°    | 370.5  | 346.9  | 330.6  | 321.0  | 315.8  | 313.6  | 310.6  | 306.2  | 304.7  | 308.4  | 306.9  |
| 52.5°  | 332.8  | 310.6  | 301.8  | 292.1  | 289.2  | 286.2  | 281.8  | 282.5  | 281.8  | 280.3  | 280.3  |
| 55°    | 295.1  | 281.1  | 272.2  | 264.8  | 264.0  | 261.1  | 257.4  | 255.9  | 255.2  | 253.7  | 255.9  |
| 57.5°  | 264.8  | 253.7  | 245.6  | 238.9  | 235.9  | 235.9  | 232.2  | 229.3  | 229.3  | 228.5  | 229.3  |
| 60°    | 234.5  | 223.4  | 218.2  | 211.5  | 209.3  | 208.6  | 206.4  | 204.9  | 202.7  | 202.7  | 202.7  |
| 62.5°  | 206.4  | 197.5  | 191.6  | 185.6  | 186.4  | 182.7  | 179.7  | 178.2  | 178.2  | 179.0  | 179.0  |
| 65°    | 179.7  | 173.8  | 166.4  | 161.2  | 159.8  | 159.0  | 157.5  | 156.8  | 154.6  | 156.1  | 156.1  |
| 67.5°  | 155.3  | 147.2  | 142.7  | 140.5  | 138.3  | 137.6  | 136.1  | 134.6  | 133.9  | 133.1  | 134.6  |
| 70°    | 130.9  | 124.3  | 120.6  | 119.1  | 116.9  | 116.1  | 115.4  | 113.2  | 113.9  | 114.6  | 115.4  |
| 72.5°  | 108.7  | 102.8  | 102.1  | 97.6   | 97.6   | 97.6   | 94.7   | 96.2   | 95.4   | 93.9   | 95.4   |
| 75°    | 85.8   | 82.8   | 81.4   | 79.1   | 79.9   | 79.1   | 78.4   | 76.2   | 76.2   | 76.9   | 77.7   |
| 77.5°  | 68.0   | 65.1   | 64.3   | 62.1   | 60.6   | 62.1   | 60.6   | 59.9   | 59.9   | 60.6   | 60.6   |
| 80°    | 50.3   | 48.8   | 46.6   | 46.6   | 46.6   | 45.9   | 45.9   | 45.9   | 45.1   | 44.4   | 45.1   |
| 82.5°  | 33.3   | 33.3   | 32.5   | 31.8   | 32.5   | 31.1   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 85°    | 21.4   | 20.7   | 20.7   | 20.0   | 20.0   | 20.0   | 20.7   | 19.2   | 19.2   | 20.0   | 20.0   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 9.6    | 9.6    |
| 90°    | 6.9    | 7.2    | 7.6    | 7.9    | 8.1    | 8.2    | 8.3    | 8.4    | 8.6    | 8.7    | 8.6    |
| 92.5°  | 7.9    | 8.1    | 8.2    | 8.3    | 8.4    | 8.4    | 8.5    | 8.6    | 8.6    | 8.7    | 8.6    |
| 95°    | 13.0   | 13.3   | 13.7   | 14.0   | 14.2   | 14.2   | 14.1   | 14.0   | 14.0   | 13.9   | 14.0   |
| 97.5°  | 16.7   | 16.9   | 17.2   | 17.4   | 17.5   | 17.5   | 17.6   | 17.7   | 17.7   | 17.8   | 17.7   |
| 100°   | 19.0   | 19.6   | 20.1   | 20.7   | 21.0   | 21.1   | 21.2   | 21.4   | 21.5   | 21.7   | 21.5   |
| 102.5° | 19.9   | 20.7   | 21.4   | 22.2   | 22.6   | 22.7   | 22.9   | 23.2   | 23.4   | 23.6   | 23.4   |
| 105°   | 20.5   | 21.3   | 22.1   | 22.9   | 23.3   | 23.4   | 23.7   | 24.0   | 24.3   | 24.6   | 24.3   |
| 107.5° | 21.2   | 22.0   | 22.7   | 23.5   | 23.9   | 24.0   | 24.3   | 24.6   | 24.9   | 25.2   | 24.9   |
| 110°   | 49.4   | 42.2   | 35.1   | 27.9   | 24.3   | 24.4   | 24.7   | 25.0   | 25.2   | 25.5   | 25.2   |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 133.3 | 102.3 | 71.4  | 40.4  | 24.9  | 25.0  | 25.2  | 25.5  | 25.7  | 25.9  | 25.7  |
| 115°   | 166.2 | 133.0 | 99.7  | 66.4  | 49.8  | 47.2  | 42.0  | 36.9  | 31.7  | 26.5  | 31.7  |
| 117.5° | 206.7 | 196.4 | 186.1 | 175.8 | 170.7 | 161.3 | 142.5 | 123.6 | 104.8 | 86.0  | 104.8 |
| 120°   | 237.9 | 238.7 | 239.6 | 240.5 | 240.9 | 236.1 | 226.4 | 216.7 | 207.0 | 197.3 | 207.0 |
| 122.5° | 256.5 | 257.0 | 257.4 | 257.9 | 258.1 | 258.1 | 258.2 | 258.3 | 258.3 | 258.4 | 258.3 |
| 125°   | 273.8 | 274.3 | 274.8 | 275.3 | 275.5 | 275.6 | 275.8 | 276.1 | 276.3 | 276.5 | 276.3 |
| 127.5° | 289.8 | 290.5 | 291.2 | 291.9 | 292.3 | 292.3 | 292.4 | 292.5 | 292.6 | 292.7 | 292.6 |
| 130°   | 305.1 | 305.9 | 306.7 | 307.5 | 307.9 | 307.9 | 307.8 | 307.7 | 307.6 | 307.5 | 307.6 |
| 132.5° | 320.1 | 320.8 | 321.4 | 322.1 | 322.4 | 322.4 | 322.3 | 322.2 | 322.2 | 322.1 | 322.2 |
| 135°   | 334.1 | 334.8 | 335.5 | 336.2 | 336.6 | 336.5 | 336.4 | 336.3 | 336.1 | 336.0 | 336.1 |
| 137.5° | 347.4 | 348.1 | 348.8 | 349.5 | 349.9 | 349.8 | 349.6 | 349.3 | 349.1 | 348.9 | 349.1 |
| 140°   | 360.2 | 360.9 | 361.5 | 362.2 | 362.5 | 362.3 | 362.0 | 361.6 | 361.3 | 360.9 | 361.3 |
| 142.5° | 372.2 | 372.8 | 373.3 | 373.9 | 374.2 | 374.0 | 373.6 | 373.3 | 372.9 | 372.5 | 372.9 |
| 145°   | 383.1 | 383.6 | 384.1 | 384.6 | 384.8 | 384.6 | 384.3 | 383.9 | 383.6 | 383.2 | 383.6 |
| 147.5° | 393.0 | 393.3 | 393.7 | 394.0 | 394.2 | 394.1 | 393.8 | 393.5 | 393.2 | 392.9 | 393.2 |
| 150°   | 401.7 | 402.2 | 402.6 | 403.1 | 403.3 | 403.1 | 402.7 | 402.4 | 402.0 | 401.6 | 402.0 |
| 152.5° | 409.8 | 410.2 | 410.7 | 411.1 | 411.3 | 411.1 | 410.6 | 410.1 | 409.6 | 409.1 | 409.6 |
| 155°   | 416.9 | 417.4 | 417.8 | 418.3 | 418.5 | 418.2 | 417.6 | 417.1 | 416.5 | 415.9 | 416.5 |
| 157.5° | 423.2 | 423.7 | 424.2 | 424.7 | 424.9 | 424.6 | 424.0 | 423.5 | 422.9 | 422.3 | 422.9 |
| 160°   | 428.6 | 429.0 | 429.5 | 429.9 | 430.1 | 429.8 | 429.3 | 428.8 | 428.3 | 427.8 | 428.3 |
| 162.5° | 433.5 | 434.0 | 434.5 | 435.0 | 435.3 | 435.0 | 434.3 | 433.7 | 433.0 | 432.4 | 433.0 |
| 165°   | 437.4 | 437.9 | 438.4 | 438.9 | 439.2 | 438.9 | 438.4 | 437.9 | 437.4 | 436.9 | 437.4 |
| 167.5° | 441.0 | 441.5 | 442.0 | 442.5 | 442.7 | 442.4 | 441.7 | 441.1 | 440.4 | 439.8 | 440.4 |
| 170°   | 443.5 | 444.0 | 444.5 | 445.0 | 445.3 | 445.0 | 444.3 | 443.7 | 443.0 | 442.4 | 443.0 |
| 172.5° | 445.5 | 446.0 | 446.5 | 447.0 | 447.2 | 446.9 | 446.2 | 445.6 | 444.9 | 444.3 | 444.9 |
| 175°   | 446.8 | 447.3 | 447.8 | 448.3 | 448.5 | 448.1 | 447.4 | 446.7 | 446.0 | 445.3 | 446.0 |
| 177.5° | 447.1 | 447.6 | 448.1 | 448.6 | 448.9 | 448.6 | 447.9 | 447.3 | 446.6 | 446.0 | 446.6 |
| 180°   | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 1019.9 | 1014.8 | 1010.3 | 1011.1 | 1014.8 | 1011.8 | 1004.4 | 994.8  | 991.1  | 986.6  | 991.1  |
| 5°     | 1081.3 | 1076.9 | 1068.0 | 1068.7 | 1066.5 | 1063.6 | 1051.7 | 1036.9 | 1036.9 | 1025.1 | 1023.6 |
| 7.5°   | 1142.0 | 1135.3 | 1129.4 | 1127.9 | 1119.8 | 1113.9 | 1103.5 | 1082.8 | 1074.7 | 1060.6 | 1052.5 |
| 10°    | 1210.0 | 1204.8 | 1198.2 | 1190.0 | 1185.6 | 1175.3 | 1158.2 | 1127.9 | 1113.1 | 1093.9 | 1079.8 |
| 12.5°  | 1278.8 | 1278.1 | 1263.3 | 1247.0 | 1246.3 | 1230.0 | 1218.2 | 1177.5 | 1157.5 | 1131.6 | 1098.3 |
| 15°    | 1322.4 | 1318.7 | 1310.6 | 1302.5 | 1304.7 | 1286.9 | 1260.3 | 1212.2 | 1198.9 | 1167.9 | 1132.4 |
| 17.5°  | 1321.7 | 1321.7 | 1319.5 | 1318.0 | 1315.8 | 1310.6 | 1295.8 | 1264.0 | 1242.6 | 1203.4 | 1170.1 |
| 20°    | 1279.5 | 1289.2 | 1291.4 | 1290.6 | 1298.0 | 1301.7 | 1301.0 | 1281.0 | 1264.0 | 1229.2 | 1195.2 |
| 22.5°  | 1195.2 | 1217.4 | 1227.0 | 1232.9 | 1248.5 | 1256.6 | 1275.8 | 1268.4 | 1264.0 | 1238.1 | 1209.3 |
| 25°    | 1116.8 | 1124.2 | 1153.1 | 1154.5 | 1176.0 | 1196.0 | 1215.2 | 1227.8 | 1244.0 | 1234.4 | 1210.0 |
| 27.5°  | 1015.5 | 1032.5 | 1053.2 | 1068.7 | 1073.2 | 1113.9 | 1145.7 | 1169.3 | 1206.3 | 1209.3 | 1201.1 |
| 30°    | 900.9  | 909.0  | 943.0  | 963.7  | 987.4  | 1017.0 | 1062.8 | 1103.5 | 1136.8 | 1167.1 | 1177.5 |
| 32.5°  | 761.1  | 794.3  | 814.3  | 839.5  | 860.2  | 912.7  | 968.9  | 1021.4 | 1059.9 | 1110.9 | 1133.1 |
| 35°    | 633.1  | 659.0  | 693.0  | 703.4  | 741.1  | 785.5  | 858.7  | 926.0  | 984.4  | 1036.2 | 1081.3 |
| 37.5°  | 527.3  | 548.1  | 584.3  | 600.6  | 622.8  | 679.7  | 741.1  | 824.7  | 894.9  | 958.5  | 1014.8 |
| 40°    | 454.9  | 470.4  | 497.8  | 502.9  | 521.4  | 573.2  | 622.8  | 701.2  | 794.3  | 880.1  | 941.5  |
| 42.5°  | 405.3  | 412.7  | 431.2  | 437.9  | 449.7  | 484.4  | 528.8  | 602.8  | 689.3  | 778.1  | 864.6  |
| 45°    | 369.8  | 375.0  | 386.1  | 392.0  | 406.8  | 422.3  | 458.6  | 517.7  | 585.8  | 675.3  | 768.5  |
| 47.5°  | 338.0  | 344.7  | 349.1  | 352.8  | 360.9  | 377.9  | 401.6  | 445.2  | 510.3  | 592.4  | 682.7  |
| 50°    | 311.4  | 313.6  | 321.7  | 322.5  | 327.7  | 338.7  | 360.9  | 387.6  | 439.3  | 505.9  | 593.2  |
| 52.5°  | 284.8  | 287.0  | 292.1  | 297.3  | 299.5  | 308.4  | 323.2  | 345.4  | 383.9  | 436.4  | 514.0  |
| 55°    | 258.1  | 261.1  | 266.3  | 270.0  | 272.2  | 279.6  | 288.5  | 309.9  | 340.2  | 377.2  | 440.8  |
| 57.5°  | 231.5  | 238.2  | 239.6  | 241.9  | 245.6  | 253.7  | 261.8  | 274.4  | 298.1  | 332.1  | 378.7  |
| 60°    | 206.4  | 208.6  | 213.7  | 216.0  | 219.7  | 224.1  | 234.5  | 244.1  | 261.1  | 287.7  | 329.9  |
| 62.5°  | 180.5  | 185.6  | 187.9  | 190.1  | 193.0  | 198.2  | 204.9  | 215.2  | 230.0  | 251.5  | 284.8  |
| 65°    | 158.3  | 159.0  | 163.5  | 166.4  | 169.4  | 173.1  | 179.7  | 189.3  | 198.2  | 218.2  | 242.6  |
| 67.5°  | 136.8  | 138.3  | 139.8  | 142.7  | 146.4  | 150.1  | 156.1  | 161.2  | 172.3  | 185.6  | 204.9  |
| 70°    | 116.1  | 116.1  | 119.8  | 122.0  | 121.3  | 125.7  | 130.2  | 136.1  | 144.2  | 156.8  | 172.3  |
| 72.5°  | 97.6   | 96.9   | 99.8   | 100.6  | 102.1  | 105.0  | 108.0  | 113.9  | 118.3  | 128.0  | 139.8  |
| 75°    | 77.7   | 79.1   | 80.6   | 80.6   | 82.8   | 85.1   | 88.0   | 91.0   | 96.2   | 102.1  | 110.9  |
| 77.5°  | 61.4   | 61.4   | 62.9   | 63.6   | 65.8   | 65.1   | 68.0   | 71.0   | 74.7   | 79.9   | 86.5   |
| 80°    | 45.1   | 46.6   | 46.6   | 46.6   | 47.3   | 48.1   | 51.0   | 53.3   | 55.5   | 59.2   | 62.1   |
| 82.5°  | 31.8   | 31.8   | 33.3   | 33.3   | 33.3   | 34.8   | 34.8   | 35.5   | 37.0   | 39.2   | 41.4   |
| 85°    | 20.0   | 20.0   | 20.0   | 20.7   | 20.0   | 20.7   | 22.2   | 21.4   | 22.2   | 23.7   | 23.7   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 10.4   | 11.1   | 11.1   | 11.1   |
| 90°    | 8.4    | 8.3    | 8.2    | 8.1    | 7.9    | 7.6    | 7.2    | 6.9    | 6.5    | 5.9    | 5.3    |
| 92.5°  | 8.6    | 8.5    | 8.4    | 8.4    | 8.3    | 8.2    | 8.1    | 7.9    | 7.8    | 7.6    | 7.4    |
| 95°    | 14.0   | 14.1   | 14.2   | 14.2   | 14.0   | 13.7   | 13.3   | 13.0   | 12.6   | 12.1   | 11.6   |
| 97.5°  | 17.7   | 17.6   | 17.5   | 17.5   | 17.4   | 17.2   | 16.9   | 16.7   | 16.5   | 15.3   | 14.2   |
| 100°   | 21.4   | 21.2   | 21.1   | 21.0   | 20.7   | 20.1   | 19.6   | 19.0   | 18.4   | 17.2   | 16.0   |
| 102.5° | 23.2   | 22.9   | 22.7   | 22.6   | 22.2   | 21.4   | 20.7   | 19.9   | 19.1   | 32.2   | 45.2   |
| 105°   | 24.0   | 23.7   | 23.4   | 23.3   | 22.9   | 22.1   | 21.3   | 20.5   | 19.7   | 39.3   | 58.9   |
| 107.5° | 24.6   | 24.3   | 24.0   | 23.9   | 23.5   | 22.7   | 22.0   | 21.2   | 20.4   | 44.6   | 68.8   |
| 110°   | 25.0   | 24.7   | 24.4   | 24.3   | 27.9   | 35.1   | 42.2   | 49.4   | 56.6   | 77.4   | 98.2   |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 25.5  | 25.2  | 25.0  | 24.9   | 40.4  | 71.4  | 102.3 | 133.3 | 164.3 | 165.5 | 166.7 |
| 115°   | 36.9  | 42.0  | 47.2  | 49.8   | 66.4  | 99.7  | 133.0 | 166.2 | 199.5 | 197.7 | 195.9 |
| 117.5° | 123.6 | 142.5 | 161.3 | 170.7  | 175.8 | 186.1 | 196.4 | 206.7 | 217.0 | 215.8 | 214.6 |
| 120°   | 216.7 | 226.4 | 236.1 | 240.9  | 240.5 | 239.6 | 238.7 | 237.9 | 237.0 | 235.7 | 234.4 |
| 122.5° | 258.3 | 258.2 | 258.1 | 258.1  | 257.9 | 257.4 | 257.0 | 256.5 | 256.1 | 254.7 | 253.3 |
| 125°   | 276.1 | 275.8 | 275.6 | 275.5  | 275.3 | 274.8 | 274.3 | 273.8 | 273.3 | 271.9 | 270.5 |
| 127.5° | 292.5 | 292.4 | 292.3 | 292.3  | 291.9 | 291.2 | 290.5 | 289.8 | 289.1 | 288.0 | 287.0 |
| 130°   | 307.7 | 307.8 | 307.9 | 307.9  | 307.5 | 306.7 | 305.9 | 305.1 | 304.3 | 303.5 | 302.7 |
| 132.5° | 322.2 | 322.3 | 322.4 | 322.4  | 322.1 | 321.4 | 320.8 | 320.1 | 319.5 | 318.7 | 317.9 |
| 135°   | 336.3 | 336.4 | 336.5 | 336.6  | 336.2 | 335.5 | 334.8 | 334.1 | 333.4 | 332.8 | 332.1 |
| 137.5° | 349.3 | 349.6 | 349.8 | 349.9  | 349.5 | 348.8 | 348.1 | 347.4 | 346.7 | 346.0 | 345.2 |
| 140°   | 361.6 | 362.0 | 362.3 | 362.5  | 362.2 | 361.5 | 360.9 | 360.2 | 359.6 | 358.8 | 358.0 |
| 142.5° | 373.3 | 373.6 | 374.0 | 374.2  | 373.9 | 373.3 | 372.8 | 372.2 | 371.6 | 370.7 | 369.7 |
| 145°   | 383.9 | 384.3 | 384.6 | 384.8  | 384.6 | 384.1 | 383.6 | 383.1 | 382.6 | 381.4 | 380.2 |
| 147.5° | 393.5 | 393.8 | 394.1 | 394.2  | 394.0 | 393.7 | 393.3 | 393.0 | 392.6 | 391.4 | 390.2 |
| 150°   | 402.4 | 402.7 | 403.1 | 403.3  | 403.1 | 402.6 | 402.2 | 401.7 | 401.3 | 400.1 | 399.0 |
| 152.5° | 410.1 | 410.6 | 411.1 | 411.3  | 411.1 | 410.7 | 410.2 | 409.8 | 409.4 | 408.3 | 407.3 |
| 155°   | 417.1 | 417.6 | 418.2 | 418.5  | 418.3 | 417.8 | 417.4 | 416.9 | 416.5 | 415.6 | 414.8 |
| 157.5° | 423.5 | 424.0 | 424.6 | 424.9  | 424.7 | 424.2 | 423.7 | 423.2 | 422.7 | 422.1 | 421.4 |
| 160°   | 428.8 | 429.3 | 429.8 | 430.1  | 429.9 | 429.5 | 429.0 | 428.6 | 428.2 | 427.8 | 427.3 |
| 162.5° | 433.7 | 434.3 | 435.0 | 435.3  | 435.0 | 434.5 | 434.0 | 433.5 | 433.0 | 432.6 | 432.3 |
| 165°   | 437.9 | 438.4 | 438.9 | 439.2  | 438.9 | 438.4 | 437.9 | 437.4 | 436.9 | 436.7 | 436.5 |
| 167.5° | 441.1 | 441.7 | 442.4 | 442.7  | 442.5 | 442.0 | 441.5 | 441.0 | 440.5 | 440.3 | 440.1 |
| 170°   | 443.7 | 444.3 | 445.0 | 445.3  | 445.0 | 444.5 | 444.0 | 443.5 | 443.0 | 442.9 | 442.7 |
| 172.5° | 445.6 | 446.2 | 446.9 | 447.2  | 447.0 | 446.5 | 446.0 | 445.5 | 445.0 | 444.8 | 444.7 |
| 175°   | 446.7 | 447.4 | 448.1 | 448.5  | 448.3 | 447.8 | 447.3 | 446.8 | 446.3 | 446.1 | 446.0 |
| 177.5° | 447.3 | 447.9 | 448.6 | 448.9  | 448.6 | 448.1 | 447.6 | 447.1 | 446.6 | 446.5 | 446.5 |
| 180°   | 446.9 | 446.9 | 446.9 | 446.9  | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 987.4  | 983.7  | 981.5  | 983.0  | 978.5  | 967.4 | 967.4 | 971.1 | 966.7 | 962.2 | 955.6 |
| 5°     | 1014.8 | 1007.4 | 1002.9 | 1002.2 | 991.8  | 974.1 | 970.4 | 966.7 | 957.1 | 946.7 | 935.6 |
| 7.5°   | 1041.4 | 1028.1 | 1020.7 | 1015.5 | 1000.7 | 977.8 | 968.2 | 960.0 | 944.5 | 929.0 | 914.9 |
| 10°    | 1063.6 | 1044.3 | 1035.5 | 1027.3 | 1008.1 | 979.3 | 963.7 | 948.9 | 929.0 | 909.0 | 891.2 |
| 12.5°  | 1081.3 | 1059.1 | 1048.0 | 1036.2 | 1012.5 | 974.8 | 955.6 | 931.9 | 911.9 | 885.3 | 867.6 |
| 15°    | 1110.9 | 1065.0 | 1054.7 | 1043.6 | 1019.2 | 967.4 | 943.8 | 917.1 | 889.8 | 854.3 | 835.0 |
| 17.5°  | 1134.6 | 1073.2 | 1072.4 | 1048.8 | 1017.0 | 964.5 | 928.2 | 893.5 | 863.9 | 828.4 | 798.0 |
| 20°    | 1148.6 | 1085.8 | 1073.9 | 1049.5 | 1009.6 | 944.5 | 906.8 | 868.3 | 836.5 | 793.6 | 763.3 |
| 22.5°  | 1160.5 | 1103.5 | 1072.4 | 1042.9 | 994.0  | 937.8 | 882.4 | 846.1 | 802.5 | 755.9 | 727.0 |
| 25°    | 1164.9 | 1107.2 | 1074.7 | 1040.6 | 983.0  | 918.6 | 855.7 | 816.5 | 767.7 | 725.6 | 686.4 |
| 27.5°  | 1165.6 | 1106.5 | 1066.5 | 1031.0 | 967.4  | 893.5 | 829.1 | 787.7 | 733.7 | 684.9 | 645.7 |
| 30°    | 1158.2 | 1098.3 | 1062.1 | 1023.6 | 952.6  | 870.5 | 796.6 | 750.7 | 693.0 | 644.2 | 603.5 |
| 32.5°  | 1136.1 | 1082.1 | 1052.5 | 1010.3 | 933.4  | 838.7 | 765.5 | 714.5 | 653.8 | 605.7 | 566.5 |
| 35°    | 1099.1 | 1062.1 | 1029.5 | 990.3  | 908.3  | 809.1 | 734.4 | 674.5 | 613.1 | 567.3 | 530.3 |
| 37.5°  | 1053.2 | 1033.2 | 1002.9 | 964.5  | 879.4  | 782.5 | 699.7 | 633.1 | 571.7 | 527.3 | 491.1 |
| 40°    | 991.1  | 996.3  | 966.7  | 931.9  | 845.4  | 746.3 | 654.6 | 591.0 | 533.3 | 491.8 | 456.3 |
| 42.5°  | 923.8  | 945.2  | 928.2  | 894.9  | 807.7  | 706.3 | 621.3 | 551.0 | 494.8 | 451.9 | 422.3 |
| 45°    | 851.3  | 888.3  | 877.9  | 853.5  | 768.5  | 664.2 | 573.9 | 505.9 | 456.3 | 414.9 | 389.0 |
| 47.5°  | 772.2  | 824.7  | 824.7  | 806.9  | 724.8  | 622.0 | 533.3 | 463.7 | 414.9 | 385.3 | 360.2 |
| 50°    | 691.5  | 750.7  | 760.3  | 748.5  | 676.0  | 573.9 | 483.7 | 420.8 | 378.7 | 349.8 | 331.3 |
| 52.5°  | 607.2  | 676.0  | 693.8  | 687.8  | 624.2  | 528.1 | 443.0 | 381.6 | 343.2 | 318.0 | 301.8 |
| 55°    | 526.6  | 606.5  | 625.7  | 627.9  | 568.8  | 477.8 | 397.9 | 343.9 | 306.9 | 289.9 | 275.9 |
| 57.5°  | 450.4  | 527.3  | 548.8  | 552.5  | 512.6  | 431.9 | 355.8 | 308.4 | 275.1 | 261.1 | 250.0 |
| 60°    | 385.3  | 449.7  | 477.8  | 485.9  | 451.2  | 378.7 | 316.6 | 270.7 | 245.6 | 232.2 | 221.9 |
| 62.5°  | 332.1  | 383.9  | 413.4  | 415.7  | 400.1  | 332.1 | 275.9 | 237.4 | 216.0 | 204.1 | 199.0 |
| 65°    | 280.3  | 326.9  | 344.7  | 353.5  | 341.0  | 287.7 | 238.2 | 206.4 | 189.3 | 179.0 | 173.8 |
| 67.5°  | 238.9  | 268.5  | 283.3  | 295.1  | 282.5  | 242.6 | 202.7 | 176.8 | 164.2 | 153.8 | 150.9 |
| 70°    | 196.0  | 220.4  | 231.5  | 243.3  | 232.2  | 201.9 | 173.1 | 149.4 | 138.3 | 130.2 | 126.5 |
| 72.5°  | 156.8  | 176.0  | 186.4  | 193.8  | 187.1  | 162.0 | 138.3 | 122.0 | 113.9 | 108.0 | 105.8 |
| 75°    | 124.3  | 137.6  | 143.5  | 148.7  | 145.7  | 126.5 | 111.7 | 98.4  | 91.0  | 85.8  | 84.3  |
| 77.5°  | 94.7   | 104.3  | 110.9  | 112.4  | 108.7  | 96.2  | 83.6  | 75.4  | 69.5  | 66.6  | 65.1  |
| 80°    | 67.3   | 73.2   | 76.9   | 79.1   | 75.4   | 70.3  | 61.4  | 55.5  | 50.3  | 46.6  | 45.9  |
| 82.5°  | 45.1   | 48.1   | 51.0   | 50.3   | 48.8   | 44.4  | 39.2  | 36.2  | 34.0  | 31.1  | 31.1  |
| 85°    | 25.9   | 26.6   | 28.1   | 28.8   | 28.1   | 25.1  | 22.2  | 20.7  | 19.2  | 17.0  | 17.0  |
| 87.5°  | 11.1   | 11.8   | 11.8   | 12.6   | 11.1   | 11.1  | 9.6   | 8.1   | 8.1   | 7.4   | 6.7   |
| 90°    | 4.8    | 4.2    | 3.9    | 3.5    | 2.7    | 1.9   | 1.1   | 0.3   | 1.1   | 1.9   | 2.7   |
| 92.5°  | 7.1    | 6.9    | 6.8    | 6.9    | 7.2    | 7.5   | 7.8   | 8.1   | 7.8   | 7.5   | 7.2   |
| 95°    | 11.1   | 10.6   | 10.3   | 11.5   | 13.9   | 16.2  | 18.6  | 21.0  | 18.6  | 16.2  | 13.9  |
| 97.5°  | 13.0   | 11.9   | 11.3   | 14.2   | 20.1   | 26.0  | 31.9  | 37.8  | 31.9  | 26.0  | 20.1  |
| 100°   | 14.7   | 13.5   | 12.9   | 17.8   | 27.7   | 37.5  | 47.4  | 57.2  | 47.4  | 37.5  | 27.7  |
| 102.5° | 58.3   | 71.4   | 77.9   | 78.0   | 78.1   | 78.3  | 78.4  | 78.6  | 78.4  | 78.3  | 78.1  |
| 105°   | 78.6   | 98.2   | 108.0  | 106.9  | 104.8  | 102.6 | 100.5 | 98.3  | 100.5 | 102.6 | 104.8 |
| 107.5° | 93.1   | 117.3  | 129.4  | 128.5  | 126.7  | 124.9 | 123.1 | 121.3 | 123.1 | 124.9 | 126.7 |
| 110°   | 118.9  | 139.7  | 150.1  | 149.3  | 147.8  | 146.3 | 144.8 | 143.3 | 144.8 | 146.3 | 147.8 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.0 | 169.2 | 169.8  | 169.2 | 167.9 | 166.6 | 165.3 | 164.0 | 165.3 | 166.6 | 167.9 |
| 115°   | 194.1 | 192.3 | 191.4  | 190.8 | 189.6 | 188.3 | 187.1 | 185.9 | 187.1 | 188.3 | 189.6 |
| 117.5° | 213.3 | 212.1 | 211.5  | 210.8 | 209.3 | 207.9 | 206.4 | 205.0 | 206.4 | 207.9 | 209.3 |
| 120°   | 233.1 | 231.8 | 231.2  | 230.7 | 229.6 | 228.5 | 227.5 | 226.4 | 227.5 | 228.5 | 229.6 |
| 122.5° | 251.8 | 250.4 | 249.7  | 249.1 | 248.0 | 246.8 | 245.7 | 244.5 | 245.7 | 246.8 | 248.0 |
| 125°   | 269.2 | 267.8 | 267.1  | 266.6 | 265.7 | 264.8 | 263.8 | 262.9 | 263.8 | 264.8 | 265.7 |
| 127.5° | 285.9 | 284.8 | 284.3  | 283.8 | 282.8 | 281.7 | 280.7 | 279.7 | 280.7 | 281.7 | 282.8 |
| 130°   | 301.9 | 301.1 | 300.7  | 300.1 | 299.0 | 297.9 | 296.7 | 295.6 | 296.7 | 297.9 | 299.0 |
| 132.5° | 317.1 | 316.3 | 315.9  | 315.4 | 314.5 | 313.6 | 312.6 | 311.7 | 312.6 | 313.6 | 314.5 |
| 135°   | 331.5 | 330.8 | 330.5  | 329.9 | 328.8 | 327.6 | 326.5 | 325.3 | 326.5 | 327.6 | 328.8 |
| 137.5° | 344.5 | 343.8 | 343.4  | 343.0 | 342.1 | 341.3 | 340.4 | 339.6 | 340.4 | 341.3 | 342.1 |
| 140°   | 357.2 | 356.4 | 356.0  | 355.7 | 355.2 | 354.6 | 354.1 | 353.5 | 354.1 | 354.6 | 355.2 |
| 142.5° | 368.8 | 367.9 | 367.4  | 367.1 | 366.6 | 366.1 | 365.6 | 365.1 | 365.6 | 366.1 | 366.6 |
| 145°   | 378.9 | 377.7 | 377.1  | 377.1 | 377.2 | 377.3 | 377.3 | 377.4 | 377.3 | 377.3 | 377.2 |
| 147.5° | 388.9 | 387.7 | 387.1  | 387.2 | 387.4 | 387.7 | 387.9 | 388.1 | 387.9 | 387.7 | 387.4 |
| 150°   | 397.8 | 396.7 | 396.1  | 396.4 | 396.9 | 397.4 | 397.9 | 398.4 | 397.9 | 397.4 | 396.9 |
| 152.5° | 406.2 | 405.1 | 404.6  | 404.9 | 405.4 | 406.0 | 406.5 | 407.1 | 406.5 | 406.0 | 405.4 |
| 155°   | 413.9 | 413.0 | 412.6  | 412.9 | 413.6 | 414.3 | 414.9 | 415.6 | 414.9 | 414.3 | 413.6 |
| 157.5° | 420.8 | 420.1 | 419.8  | 420.1 | 420.6 | 421.2 | 421.7 | 422.3 | 421.7 | 421.2 | 420.6 |
| 160°   | 426.9 | 426.4 | 426.2  | 426.4 | 426.9 | 427.3 | 427.8 | 428.2 | 427.8 | 427.3 | 426.9 |
| 162.5° | 431.9 | 431.6 | 431.4  | 431.6 | 432.0 | 432.5 | 432.9 | 433.3 | 432.9 | 432.5 | 432.0 |
| 165°   | 436.2 | 436.0 | 435.9  | 436.1 | 436.6 | 437.0 | 437.5 | 437.9 | 437.5 | 437.0 | 436.6 |
| 167.5° | 439.8 | 439.6 | 439.5  | 439.7 | 440.1 | 440.6 | 441.0 | 441.4 | 441.0 | 440.6 | 440.1 |
| 170°   | 442.6 | 442.5 | 442.4  | 442.6 | 443.0 | 443.5 | 443.9 | 444.3 | 443.9 | 443.5 | 443.0 |
| 172.5° | 444.5 | 444.4 | 444.3  | 444.5 | 445.0 | 445.4 | 445.9 | 446.3 | 445.9 | 445.4 | 445.0 |
| 175°   | 445.8 | 445.7 | 445.6  | 445.9 | 446.4 | 446.9 | 447.4 | 447.9 | 447.4 | 446.9 | 446.4 |
| 177.5° | 446.4 | 446.3 | 446.3  | 446.5 | 447.0 | 447.5 | 448.0 | 448.5 | 448.0 | 447.5 | 447.0 |
| 180°   | 446.9 | 446.9 | 446.9  | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 962.2 | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 951.9 | 955.6  | 954.8 | 947.5 | 939.3 | 932.7 | 920.1 | 921.6 | 917.1 | 917.9 | 922.3 |
| 5°     | 928.2 | 928.2  | 925.3 | 914.9 | 901.6 | 894.2 | 880.1 | 876.4 | 867.6 | 866.8 | 866.1 |
| 7.5°   | 903.1 | 899.4  | 895.7 | 880.9 | 864.6 | 852.8 | 833.5 | 829.1 | 820.2 | 814.3 | 811.4 |
| 10°    | 873.5 | 868.3  | 860.9 | 843.9 | 823.9 | 809.1 | 789.2 | 783.3 | 766.2 | 758.8 | 754.4 |
| 12.5°  | 840.9 | 838.0  | 826.2 | 812.1 | 779.6 | 763.3 | 734.4 | 740.4 | 723.3 | 708.6 | 706.3 |
| 15°    | 808.4 | 797.3  | 790.7 | 767.7 | 728.5 | 721.1 | 698.2 | 686.4 | 670.8 | 659.0 | 659.0 |
| 17.5°  | 776.6 | 759.6  | 744.8 | 720.4 | 691.5 | 670.8 | 653.8 | 647.9 | 628.7 | 616.8 | 614.6 |
| 20°    | 734.4 | 715.2  | 711.5 | 676.8 | 656.8 | 633.9 | 617.6 | 602.8 | 588.7 | 583.6 | 579.9 |
| 22.5°  | 694.5 | 672.3  | 666.4 | 636.8 | 616.8 | 593.9 | 577.6 | 567.3 | 556.9 | 553.2 | 546.6 |
| 25°    | 651.6 | 638.3  | 629.4 | 597.6 | 575.4 | 554.0 | 542.9 | 535.5 | 525.9 | 525.1 | 520.7 |
| 27.5°  | 610.2 | 597.6  | 588.7 | 558.4 | 542.1 | 522.2 | 513.3 | 505.2 | 500.0 | 497.8 | 495.5 |
| 30°    | 574.7 | 560.6  | 550.3 | 528.1 | 508.1 | 491.8 | 484.4 | 479.3 | 476.3 | 472.6 | 471.9 |
| 32.5°  | 535.5 | 527.3  | 513.3 | 496.3 | 480.8 | 465.2 | 460.8 | 457.1 | 452.6 | 451.2 | 450.4 |
| 35°    | 502.2 | 491.1  | 482.2 | 463.0 | 456.3 | 443.0 | 437.9 | 434.9 | 429.0 | 427.5 | 426.0 |
| 37.5°  | 469.7 | 459.3  | 449.7 | 437.9 | 425.3 | 417.9 | 414.9 | 410.5 | 407.5 | 408.3 | 406.8 |
| 40°    | 437.1 | 429.0  | 421.6 | 409.0 | 401.6 | 397.9 | 392.0 | 387.6 | 386.1 | 386.8 | 386.1 |
| 42.5°  | 405.3 | 397.9  | 393.5 | 383.9 | 376.5 | 372.8 | 369.1 | 364.6 | 366.9 | 366.9 | 369.1 |
| 45°    | 376.5 | 369.8  | 366.9 | 359.5 | 355.0 | 349.1 | 345.4 | 344.7 | 347.6 | 346.9 | 346.9 |
| 47.5°  | 346.9 | 344.7  | 341.0 | 334.3 | 328.4 | 324.7 | 324.0 | 324.0 | 326.9 | 328.4 | 327.7 |
| 50°    | 324.0 | 319.5  | 315.1 | 309.9 | 305.5 | 304.0 | 301.8 | 303.2 | 306.2 | 306.2 | 307.7 |
| 52.5°  | 295.1 | 292.1  | 290.7 | 286.2 | 283.3 | 283.3 | 283.3 | 284.0 | 286.2 | 288.5 | 287.7 |
| 55°    | 270.0 | 267.7  | 266.3 | 264.0 | 260.3 | 261.1 | 260.3 | 261.8 | 264.0 | 266.3 | 267.7 |
| 57.5°  | 243.3 | 242.6  | 241.1 | 237.4 | 237.4 | 236.7 | 238.9 | 239.6 | 243.3 | 244.8 | 247.0 |
| 60°    | 219.7 | 217.4  | 217.4 | 214.5 | 214.5 | 214.5 | 216.7 | 218.9 | 221.9 | 222.6 | 224.1 |
| 62.5°  | 194.5 | 194.5  | 193.8 | 191.6 | 191.6 | 193.8 | 194.5 | 197.5 | 199.0 | 199.0 | 201.2 |
| 65°    | 170.9 | 170.1  | 169.4 | 170.1 | 170.9 | 170.9 | 173.1 | 174.5 | 176.0 | 176.8 | 177.5 |
| 67.5°  | 147.2 | 146.4  | 147.9 | 147.2 | 148.7 | 151.6 | 150.9 | 153.1 | 155.3 | 155.3 | 156.1 |
| 70°    | 125.0 | 126.5  | 125.7 | 127.2 | 126.5 | 128.0 | 130.2 | 130.9 | 130.9 | 131.7 | 133.9 |
| 72.5°  | 104.3 | 104.3  | 104.3 | 103.5 | 104.3 | 105.8 | 107.2 | 108.0 | 109.5 | 110.2 | 112.4 |
| 75°    | 84.3  | 84.3   | 82.8  | 84.3  | 84.3  | 85.8  | 87.3  | 87.3  | 87.3  | 88.8  | 91.0  |
| 77.5°  | 63.6  | 64.3   | 63.6  | 65.1  | 65.1  | 65.8  | 67.3  | 66.6  | 68.0  | 68.8  | 69.5  |
| 80°    | 46.6  | 45.9   | 45.9  | 45.9  | 46.6  | 46.6  | 48.1  | 48.8  | 48.8  | 51.0  | 49.6  |
| 82.5°  | 29.6  | 30.3   | 29.6  | 30.3  | 30.3  | 31.1  | 30.3  | 31.1  | 31.8  | 33.3  | 32.5  |
| 85°    | 17.0  | 16.3   | 16.3  | 17.0  | 16.3  | 16.3  | 17.0  | 16.3  | 17.0  | 16.3  | 17.0  |
| 87.5°  | 6.7   | 5.9    | 5.9   | 5.9   | 5.9   | 5.2   | 5.2   | 4.4   | 4.4   | 4.4   | 3.7   |
| 90°    | 3.5   | 3.9    | 4.2   | 4.8   | 5.3   | 5.9   | 6.5   | 6.9   | 7.2   | 7.6   | 7.9   |
| 92.5°  | 6.9   | 6.8    | 6.9   | 7.1   | 7.4   | 7.6   | 7.8   | 7.9   | 8.1   | 8.2   | 8.3   |
| 95°    | 11.5  | 10.3   | 10.6  | 11.1  | 11.6  | 12.1  | 12.6  | 13.0  | 13.3  | 13.7  | 14.0  |
| 97.5°  | 14.2  | 11.3   | 11.9  | 13.0  | 14.2  | 15.3  | 16.5  | 16.7  | 16.9  | 17.2  | 17.4  |
| 100°   | 17.8  | 12.9   | 13.5  | 14.7  | 16.0  | 17.2  | 18.4  | 19.0  | 19.6  | 20.1  | 20.7  |
| 102.5° | 78.0  | 77.9   | 71.4  | 58.3  | 45.2  | 32.2  | 19.1  | 19.9  | 20.7  | 21.4  | 22.2  |
| 105°   | 106.9 | 108.0  | 98.2  | 78.6  | 58.9  | 39.3  | 19.7  | 20.5  | 21.3  | 22.1  | 22.9  |
| 107.5° | 128.5 | 129.4  | 117.3 | 93.1  | 68.8  | 44.6  | 20.4  | 21.2  | 22.0  | 22.7  | 23.5  |
| 110°   | 149.3 | 150.1  | 139.7 | 118.9 | 98.2  | 77.4  | 56.6  | 49.4  | 42.2  | 35.1  | 27.9  |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.2 | 169.8  | 169.2 | 168.0 | 166.7 | 165.5 | 164.3 | 133.3 | 102.3 | 71.4  | 40.4  |
| 115°   | 190.8 | 191.4  | 192.3 | 194.1 | 195.9 | 197.7 | 199.5 | 166.2 | 133.0 | 99.7  | 66.4  |
| 117.5° | 210.8 | 211.5  | 212.1 | 213.3 | 214.6 | 215.8 | 217.0 | 206.7 | 196.4 | 186.1 | 175.8 |
| 120°   | 230.7 | 231.2  | 231.8 | 233.1 | 234.4 | 235.7 | 237.0 | 237.9 | 238.7 | 239.6 | 240.5 |
| 122.5° | 249.1 | 249.7  | 250.4 | 251.8 | 253.3 | 254.7 | 256.1 | 256.5 | 257.0 | 257.4 | 257.9 |
| 125°   | 266.6 | 267.1  | 267.8 | 269.2 | 270.5 | 271.9 | 273.3 | 273.8 | 274.3 | 274.8 | 275.3 |
| 127.5° | 283.8 | 284.3  | 284.8 | 285.9 | 287.0 | 288.0 | 289.1 | 289.8 | 290.5 | 291.2 | 291.9 |
| 130°   | 300.1 | 300.7  | 301.1 | 301.9 | 302.7 | 303.5 | 304.3 | 305.1 | 305.9 | 306.7 | 307.5 |
| 132.5° | 315.4 | 315.9  | 316.3 | 317.1 | 317.9 | 318.7 | 319.5 | 320.1 | 320.8 | 321.4 | 322.1 |
| 135°   | 329.9 | 330.5  | 330.8 | 331.5 | 332.1 | 332.8 | 333.4 | 334.1 | 334.8 | 335.5 | 336.2 |
| 137.5° | 343.0 | 343.4  | 343.8 | 344.5 | 345.2 | 346.0 | 346.7 | 347.4 | 348.1 | 348.8 | 349.5 |
| 140°   | 355.7 | 356.0  | 356.4 | 357.2 | 358.0 | 358.8 | 359.6 | 360.2 | 360.9 | 361.5 | 362.2 |
| 142.5° | 367.1 | 367.4  | 367.9 | 368.8 | 369.7 | 370.7 | 371.6 | 372.2 | 372.8 | 373.3 | 373.9 |
| 145°   | 377.1 | 377.1  | 377.7 | 378.9 | 380.2 | 381.4 | 382.6 | 383.1 | 383.6 | 384.1 | 384.6 |
| 147.5° | 387.2 | 387.1  | 387.7 | 388.9 | 390.2 | 391.4 | 392.6 | 393.0 | 393.3 | 393.7 | 394.0 |
| 150°   | 396.4 | 396.1  | 396.7 | 397.8 | 399.0 | 400.1 | 401.3 | 401.7 | 402.2 | 402.6 | 403.1 |
| 152.5° | 404.9 | 404.6  | 405.1 | 406.2 | 407.3 | 408.3 | 409.4 | 409.8 | 410.2 | 410.7 | 411.1 |
| 155°   | 412.9 | 412.6  | 413.0 | 413.9 | 414.8 | 415.6 | 416.5 | 416.9 | 417.4 | 417.8 | 418.3 |
| 157.5° | 420.1 | 419.8  | 420.1 | 420.8 | 421.4 | 422.1 | 422.7 | 423.2 | 423.7 | 424.2 | 424.7 |
| 160°   | 426.4 | 426.2  | 426.4 | 426.9 | 427.3 | 427.8 | 428.2 | 428.6 | 429.0 | 429.5 | 429.9 |
| 162.5° | 431.6 | 431.4  | 431.6 | 431.9 | 432.3 | 432.6 | 433.0 | 433.5 | 434.0 | 434.5 | 435.0 |
| 165°   | 436.1 | 435.9  | 436.0 | 436.2 | 436.5 | 436.7 | 436.9 | 437.4 | 437.9 | 438.4 | 438.9 |
| 167.5° | 439.7 | 439.5  | 439.6 | 439.8 | 440.1 | 440.3 | 440.5 | 441.0 | 441.5 | 442.0 | 442.5 |
| 170°   | 442.6 | 442.4  | 442.5 | 442.6 | 442.7 | 442.9 | 443.0 | 443.5 | 444.0 | 444.5 | 445.0 |
| 172.5° | 444.5 | 444.3  | 444.4 | 444.5 | 444.7 | 444.8 | 445.0 | 445.5 | 446.0 | 446.5 | 447.0 |
| 175°   | 445.9 | 445.6  | 445.7 | 445.8 | 446.0 | 446.1 | 446.3 | 446.8 | 447.3 | 447.8 | 448.3 |
| 177.5° | 446.5 | 446.3  | 446.3 | 446.4 | 446.5 | 446.5 | 446.6 | 447.1 | 447.6 | 448.1 | 448.6 |
| 180°   | 446.9 | 446.9  | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2  |
| 2.5°   | 917.1  | 919.3 | 914.2 | 912.7 | 914.2 | 909.0 | 910.5 | 911.9 | 911.9 | 914.2 | 915.6  |
| 5°     | 863.9  | 860.9 | 855.7 | 854.3 | 852.8 | 855.0 | 853.5 | 855.7 | 856.5 | 861.7 | 862.4  |
| 7.5°   | 811.4  | 806.9 | 802.5 | 798.0 | 796.6 | 792.9 | 796.6 | 796.6 | 801.7 | 800.3 | 804.0  |
| 10°    | 749.2  | 748.5 | 742.6 | 740.4 | 737.4 | 731.5 | 739.6 | 737.4 | 741.1 | 747.8 | 749.2  |
| 12.5°  | 703.4  | 695.2 | 698.9 | 688.6 | 692.3 | 686.4 | 687.1 | 687.1 | 693.0 | 693.8 | 692.3  |
| 15°    | 659.7  | 653.1 | 643.5 | 639.0 | 636.8 | 633.9 | 643.5 | 644.2 | 639.8 | 650.1 | 646.4  |
| 17.5°  | 615.4  | 615.4 | 606.5 | 604.3 | 598.4 | 601.3 | 599.8 | 600.6 | 599.1 | 606.5 | 610.2  |
| 20°    | 576.9  | 573.2 | 570.2 | 571.0 | 563.6 | 562.1 | 560.6 | 562.1 | 567.3 | 572.5 | 573.9  |
| 22.5°  | 545.8  | 543.6 | 536.2 | 537.7 | 531.8 | 534.0 | 532.5 | 536.2 | 537.0 | 537.0 | 542.1  |
| 25°    | 516.3  | 513.3 | 514.0 | 511.1 | 508.9 | 508.9 | 506.6 | 508.9 | 511.8 | 513.3 | 514.0  |
| 27.5°  | 494.1  | 491.8 | 488.1 | 485.9 | 487.4 | 483.7 | 486.7 | 488.9 | 488.9 | 487.4 | 488.9  |
| 30°    | 467.4  | 468.9 | 468.9 | 461.5 | 464.5 | 463.0 | 465.2 | 466.7 | 466.7 | 467.4 | 466.0  |
| 32.5°  | 449.7  | 445.2 | 444.5 | 443.8 | 443.8 | 440.8 | 440.8 | 443.0 | 443.8 | 444.5 | 446.7  |
| 35°    | 426.0  | 426.0 | 422.3 | 424.5 | 421.6 | 422.3 | 421.6 | 422.3 | 423.8 | 421.6 | 423.8  |
| 37.5°  | 404.6  | 405.3 | 403.8 | 405.3 | 406.1 | 404.6 | 403.1 | 406.1 | 404.6 | 404.6 | 403.1  |
| 40°    | 386.1  | 385.3 | 386.1 | 386.1 | 386.1 | 386.8 | 385.3 | 385.3 | 385.3 | 383.9 | 382.4  |
| 42.5°  | 370.5  | 366.1 | 367.6 | 368.3 | 366.1 | 366.1 | 366.9 | 366.1 | 368.3 | 363.9 | 363.9  |
| 45°    | 348.4  | 346.9 | 347.6 | 347.6 | 349.1 | 346.9 | 348.4 | 349.1 | 346.9 | 346.1 | 344.7  |
| 47.5°  | 328.4  | 329.9 | 328.4 | 329.9 | 329.9 | 331.3 | 328.4 | 329.1 | 329.9 | 326.9 | 324.7  |
| 50°    | 308.4  | 308.4 | 310.6 | 309.9 | 310.6 | 309.2 | 309.2 | 308.4 | 309.2 | 307.7 | 305.5  |
| 52.5°  | 289.9  | 287.7 | 291.4 | 290.7 | 289.9 | 289.2 | 288.5 | 289.2 | 287.7 | 286.2 | 286.2  |
| 55°    | 267.0  | 267.0 | 269.2 | 270.0 | 270.0 | 268.5 | 267.0 | 267.7 | 267.0 | 266.3 | 265.5  |
| 57.5°  | 248.5  | 245.6 | 247.0 | 247.8 | 247.8 | 245.6 | 247.0 | 245.6 | 245.6 | 246.3 | 244.1  |
| 60°    | 224.8  | 224.8 | 223.4 | 225.6 | 225.6 | 224.1 | 224.1 | 224.8 | 223.4 | 222.6 | 221.9  |
| 62.5°  | 199.7  | 200.4 | 202.7 | 203.4 | 204.1 | 202.7 | 201.2 | 201.9 | 201.9 | 199.7 | 200.4  |
| 65°    | 178.2  | 179.7 | 182.7 | 181.9 | 180.5 | 181.2 | 179.7 | 180.5 | 178.2 | 179.0 | 176.8  |
| 67.5°  | 157.5  | 156.8 | 157.5 | 157.5 | 159.0 | 158.3 | 156.8 | 156.8 | 156.1 | 158.3 | 156.1  |
| 70°    | 135.4  | 135.4 | 135.4 | 135.4 | 136.1 | 136.8 | 135.4 | 133.9 | 134.6 | 133.1 | 132.4  |
| 72.5°  | 112.4  | 113.2 | 112.4 | 113.9 | 111.7 | 113.2 | 113.2 | 112.4 | 111.7 | 111.7 | 111.7  |
| 75°    | 91.0   | 92.5  | 90.2  | 91.0  | 90.2  | 91.7  | 91.0  | 91.0  | 89.5  | 88.8  | 89.5   |
| 77.5°  | 69.5   | 70.3  | 68.8  | 69.5  | 68.8  | 69.5  | 69.5  | 68.8  | 68.8  | 68.8  | 68.8   |
| 80°    | 49.6   | 50.3  | 49.6  | 48.8  | 48.1  | 49.6  | 48.1  | 48.8  | 49.6  | 48.8  | 50.3   |
| 82.5°  | 31.8   | 31.8  | 31.1  | 31.8  | 30.3  | 30.3  | 31.1  | 31.1  | 30.3  | 31.8  | 30.3   |
| 85°    | 15.5   | 15.5  | 17.0  | 15.5  | 14.8  | 14.8  | 14.8  | 15.5  | 14.8  | 16.3  | 15.5   |
| 87.5°  | 3.7    | 3.0   | 3.7   | 3.7   | 3.0   | 3.0   | 3.7   | 3.0   | 3.7   | 4.4   | 3.0    |
| 90°    | 8.1    | 8.2   | 8.3   | 8.4   | 8.6   | 8.7   | 8.6   | 8.4   | 8.3   | 8.2   | 8.1    |
| 92.5°  | 8.4    | 8.4   | 8.5   | 8.6   | 8.6   | 8.7   | 8.6   | 8.6   | 8.5   | 8.4   | 8.4    |
| 95°    | 14.2   | 14.2  | 14.1  | 14.0  | 14.0  | 13.9  | 14.0  | 14.0  | 14.1  | 14.2  | 14.2   |
| 97.5°  | 17.5   | 17.5  | 17.6  | 17.7  | 17.7  | 17.8  | 17.7  | 17.7  | 17.6  | 17.5  | 17.5   |
| 100°   | 21.0   | 21.1  | 21.2  | 21.4  | 21.5  | 21.7  | 21.5  | 21.4  | 21.2  | 21.1  | 21.0   |
| 102.5° | 22.6   | 22.7  | 22.9  | 23.2  | 23.4  | 23.6  | 23.4  | 23.2  | 22.9  | 22.7  | 22.6   |
| 105°   | 23.3   | 23.4  | 23.7  | 24.0  | 24.3  | 24.6  | 24.3  | 24.0  | 23.7  | 23.4  | 23.3   |
| 107.5° | 23.9   | 24.0  | 24.3  | 24.6  | 24.9  | 25.2  | 24.9  | 24.6  | 24.3  | 24.0  | 23.9   |
| 110°   | 24.3   | 24.4  | 24.7  | 25.0  | 25.2  | 25.5  | 25.2  | 25.0  | 24.7  | 24.4  | 24.3   |



TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 24.9   | 25.0  | 25.2  | 25.5  | 25.7  | 25.9  | 25.7  | 25.5  | 25.2  | 25.0  | 24.9   |
| 115°   | 49.8   | 47.2  | 42.0  | 36.9  | 31.7  | 26.5  | 31.7  | 36.9  | 42.0  | 47.2  | 49.8   |
| 117.5° | 170.7  | 161.3 | 142.5 | 123.6 | 104.8 | 86.0  | 104.8 | 123.6 | 142.5 | 161.3 | 170.7  |
| 120°   | 240.9  | 236.1 | 226.4 | 216.7 | 207.0 | 197.3 | 207.0 | 216.7 | 226.4 | 236.1 | 240.9  |
| 122.5° | 258.1  | 258.1 | 258.2 | 258.3 | 258.3 | 258.4 | 258.3 | 258.3 | 258.2 | 258.1 | 258.1  |
| 125°   | 275.5  | 275.6 | 275.8 | 276.1 | 276.3 | 276.5 | 276.3 | 276.1 | 275.8 | 275.6 | 275.5  |
| 127.5° | 292.3  | 292.3 | 292.4 | 292.5 | 292.6 | 292.7 | 292.6 | 292.5 | 292.4 | 292.3 | 292.3  |
| 130°   | 307.9  | 307.9 | 307.8 | 307.7 | 307.6 | 307.5 | 307.6 | 307.7 | 307.8 | 307.9 | 307.9  |
| 132.5° | 322.4  | 322.4 | 322.3 | 322.2 | 322.2 | 322.1 | 322.2 | 322.2 | 322.3 | 322.4 | 322.4  |
| 135°   | 336.6  | 336.5 | 336.4 | 336.3 | 336.1 | 336.0 | 336.1 | 336.3 | 336.4 | 336.5 | 336.6  |
| 137.5° | 349.9  | 349.8 | 349.6 | 349.3 | 349.1 | 348.9 | 349.1 | 349.3 | 349.6 | 349.8 | 349.9  |
| 140°   | 362.5  | 362.3 | 362.0 | 361.6 | 361.3 | 360.9 | 361.3 | 361.6 | 362.0 | 362.3 | 362.5  |
| 142.5° | 374.2  | 374.0 | 373.6 | 373.3 | 372.9 | 372.5 | 372.9 | 373.3 | 373.6 | 374.0 | 374.2  |
| 145°   | 384.8  | 384.6 | 384.3 | 383.9 | 383.6 | 383.2 | 383.6 | 383.9 | 384.3 | 384.6 | 384.8  |
| 147.5° | 394.2  | 394.1 | 393.8 | 393.5 | 393.2 | 392.9 | 393.2 | 393.5 | 393.8 | 394.1 | 394.2  |
| 150°   | 403.3  | 403.1 | 402.7 | 402.4 | 402.0 | 401.6 | 402.0 | 402.4 | 402.7 | 403.1 | 403.3  |
| 152.5° | 411.3  | 411.1 | 410.6 | 410.1 | 409.6 | 409.1 | 409.6 | 410.1 | 410.6 | 411.1 | 411.3  |
| 155°   | 418.5  | 418.2 | 417.6 | 417.1 | 416.5 | 415.9 | 416.5 | 417.1 | 417.6 | 418.2 | 418.5  |
| 157.5° | 424.9  | 424.6 | 424.0 | 423.5 | 422.9 | 422.3 | 422.9 | 423.5 | 424.0 | 424.6 | 424.9  |
| 160°   | 430.1  | 429.8 | 429.3 | 428.8 | 428.3 | 427.8 | 428.3 | 428.8 | 429.3 | 429.8 | 430.1  |
| 162.5° | 435.3  | 435.0 | 434.3 | 433.7 | 433.0 | 432.4 | 433.0 | 433.7 | 434.3 | 435.0 | 435.3  |
| 165°   | 439.2  | 438.9 | 438.4 | 437.9 | 437.4 | 436.9 | 437.4 | 437.9 | 438.4 | 438.9 | 439.2  |
| 167.5° | 442.7  | 442.4 | 441.7 | 441.1 | 440.4 | 439.8 | 440.4 | 441.1 | 441.7 | 442.4 | 442.7  |
| 170°   | 445.3  | 445.0 | 444.3 | 443.7 | 443.0 | 442.4 | 443.0 | 443.7 | 444.3 | 445.0 | 445.3  |
| 172.5° | 447.2  | 446.9 | 446.2 | 445.6 | 444.9 | 444.3 | 444.9 | 445.6 | 446.2 | 446.9 | 447.2  |
| 175°   | 448.5  | 448.1 | 447.4 | 446.7 | 446.0 | 445.3 | 446.0 | 446.7 | 447.4 | 448.1 | 448.5  |
| 177.5° | 448.9  | 448.6 | 447.9 | 447.3 | 446.6 | 446.0 | 446.6 | 447.3 | 447.9 | 448.6 | 448.9  |
| 180°   | 446.9  | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9  |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2  | 962.2 |
| 2.5°   | 913.4 | 919.3 | 917.1 | 909.0 | 918.6 | 918.6 | 925.3 | 925.3 | 933.4 | 936.4  | 940.8 |
| 5°     | 861.7 | 866.1 | 869.8 | 866.1 | 872.7 | 883.1 | 889.0 | 894.2 | 905.3 | 909.7  | 916.4 |
| 7.5°   | 806.2 | 814.3 | 818.0 | 818.0 | 829.1 | 840.9 | 852.8 | 860.2 | 875.7 | 881.6  | 888.3 |
| 10°    | 752.2 | 761.8 | 769.2 | 768.5 | 787.0 | 794.3 | 809.1 | 826.2 | 841.7 | 850.6  | 860.2 |
| 12.5°  | 695.2 | 700.4 | 710.8 | 725.6 | 730.0 | 743.3 | 760.3 | 781.8 | 809.9 | 818.0  | 832.1 |
| 15°    | 647.9 | 662.0 | 670.1 | 676.8 | 687.1 | 699.7 | 718.2 | 738.9 | 767.0 | 784.7  | 799.5 |
| 17.5°  | 608.0 | 626.5 | 631.6 | 630.2 | 643.5 | 662.7 | 684.1 | 699.7 | 724.8 | 746.3  | 760.3 |
| 20°    | 575.4 | 582.8 | 591.7 | 595.4 | 605.7 | 626.5 | 647.2 | 664.9 | 685.6 | 702.6  | 718.9 |
| 22.5°  | 542.9 | 548.8 | 556.2 | 562.8 | 571.0 | 582.8 | 602.8 | 625.0 | 644.9 | 661.2  | 679.7 |
| 25°    | 516.3 | 520.0 | 526.6 | 531.8 | 540.7 | 548.8 | 562.8 | 587.3 | 610.9 | 620.5  | 636.8 |
| 27.5°  | 490.4 | 493.3 | 497.8 | 503.7 | 508.1 | 516.3 | 528.8 | 548.8 | 573.2 | 582.8  | 605.0 |
| 30°    | 467.4 | 469.7 | 474.1 | 477.1 | 479.3 | 488.9 | 498.5 | 514.0 | 532.5 | 545.8  | 562.1 |
| 32.5°  | 446.0 | 448.2 | 452.6 | 453.4 | 456.3 | 461.5 | 470.4 | 484.4 | 500.7 | 511.8  | 525.9 |
| 35°    | 422.3 | 423.8 | 428.2 | 429.7 | 431.9 | 436.4 | 443.0 | 453.4 | 468.2 | 476.3  | 488.9 |
| 37.5°  | 403.8 | 403.1 | 406.1 | 408.3 | 411.2 | 413.4 | 415.7 | 426.0 | 437.1 | 444.5  | 454.1 |
| 40°    | 383.9 | 382.4 | 383.1 | 386.1 | 387.6 | 390.5 | 390.5 | 400.9 | 408.3 | 414.2  | 421.6 |
| 42.5°  | 363.9 | 363.2 | 361.7 | 363.2 | 364.6 | 365.4 | 366.1 | 373.5 | 380.9 | 386.1  | 394.2 |
| 45°    | 343.9 | 343.2 | 341.7 | 342.4 | 342.4 | 343.9 | 346.1 | 349.1 | 354.3 | 358.7  | 363.2 |
| 47.5°  | 325.4 | 324.0 | 321.7 | 321.0 | 322.5 | 322.5 | 322.5 | 325.4 | 330.6 | 332.1  | 336.5 |
| 50°    | 306.2 | 304.0 | 301.0 | 299.5 | 299.5 | 298.8 | 300.3 | 301.0 | 305.5 | 306.9  | 310.6 |
| 52.5°  | 285.5 | 284.0 | 281.1 | 278.1 | 278.8 | 277.4 | 278.1 | 278.8 | 280.3 | 282.5  | 284.8 |
| 55°    | 264.8 | 261.8 | 259.6 | 258.9 | 256.6 | 256.6 | 254.4 | 257.4 | 256.6 | 257.4  | 260.3 |
| 57.5°  | 244.8 | 241.9 | 238.2 | 236.7 | 234.5 | 233.7 | 232.2 | 231.5 | 232.2 | 234.5  | 236.7 |
| 60°    | 221.1 | 219.7 | 217.4 | 215.2 | 213.7 | 211.5 | 210.1 | 210.1 | 209.3 | 209.3  | 210.1 |
| 62.5°  | 198.2 | 197.5 | 194.5 | 193.8 | 192.3 | 190.8 | 188.6 | 187.1 | 187.1 | 188.6  | 189.3 |
| 65°    | 176.0 | 175.3 | 173.1 | 172.3 | 168.6 | 167.2 | 166.4 | 165.7 | 164.2 | 164.2  | 164.2 |
| 67.5°  | 155.3 | 153.1 | 153.1 | 149.4 | 146.4 | 145.0 | 143.5 | 142.7 | 142.7 | 142.7  | 143.5 |
| 70°    | 132.4 | 132.4 | 130.2 | 128.0 | 125.0 | 125.7 | 123.5 | 121.3 | 121.3 | 119.8  | 120.6 |
| 72.5°  | 110.2 | 109.5 | 107.2 | 106.5 | 104.3 | 102.1 | 100.6 | 102.1 | 99.8  | 99.1   | 99.8  |
| 75°    | 88.8  | 88.0  | 86.5  | 85.1  | 85.8  | 83.6  | 81.4  | 80.6  | 80.6  | 79.1   | 79.1  |
| 77.5°  | 68.0  | 69.5  | 66.6  | 65.8  | 64.3  | 62.9  | 62.1  | 61.4  | 61.4  | 61.4   | 62.9  |
| 80°    | 47.3  | 48.1  | 48.1  | 46.6  | 47.3  | 45.1  | 45.1  | 45.1  | 42.9  | 43.6   | 44.4  |
| 82.5°  | 30.3  | 30.3  | 29.6  | 30.3  | 29.6  | 29.6  | 28.8  | 28.8  | 28.1  | 28.1   | 28.8  |
| 85°    | 17.0  | 16.3  | 15.5  | 17.0  | 16.3  | 16.3  | 15.5  | 15.5  | 15.5  | 15.5   | 15.5  |
| 87.5°  | 3.7   | 4.4   | 4.4   | 4.4   | 4.4   | 5.2   | 5.2   | 5.2   | 5.9   | 5.9    | 5.9   |
| 90°    | 7.9   | 7.6   | 7.2   | 6.9   | 6.5   | 5.9   | 5.3   | 4.8   | 4.2   | 3.9    | 3.5   |
| 92.5°  | 8.3   | 8.2   | 8.1   | 7.9   | 7.8   | 7.6   | 7.4   | 7.1   | 6.9   | 6.8    | 6.9   |
| 95°    | 14.0  | 13.7  | 13.3  | 13.0  | 12.6  | 12.1  | 11.6  | 11.1  | 10.6  | 10.3   | 11.5  |
| 97.5°  | 17.4  | 17.2  | 16.9  | 16.7  | 16.5  | 15.3  | 14.2  | 13.0  | 11.9  | 11.3   | 14.2  |
| 100°   | 20.7  | 20.1  | 19.6  | 19.0  | 18.4  | 17.2  | 16.0  | 14.7  | 13.5  | 12.9   | 17.8  |
| 102.5° | 22.2  | 21.4  | 20.7  | 19.9  | 19.1  | 32.2  | 45.2  | 58.3  | 71.4  | 77.9   | 78.0  |
| 105°   | 22.9  | 22.1  | 21.3  | 20.5  | 19.7  | 39.3  | 58.9  | 78.6  | 98.2  | 108.0  | 106.9 |
| 107.5° | 23.5  | 22.7  | 22.0  | 21.2  | 20.4  | 44.6  | 68.8  | 93.1  | 117.3 | 129.4  | 128.5 |
| 110°   | 27.9  | 35.1  | 42.2  | 49.4  | 56.6  | 77.4  | 98.2  | 118.9 | 139.7 | 150.1  | 149.3 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 40.4  | 71.4  | 102.3 | 133.3 | 164.3 | 165.5 | 166.7 | 168.0 | 169.2 | 169.8  | 169.2 |
| 115°   | 66.4  | 99.7  | 133.0 | 166.2 | 199.5 | 197.7 | 195.9 | 194.1 | 192.3 | 191.4  | 190.8 |
| 117.5° | 175.8 | 186.1 | 196.4 | 206.7 | 217.0 | 215.8 | 214.6 | 213.3 | 212.1 | 211.5  | 210.8 |
| 120°   | 240.5 | 239.6 | 238.7 | 237.9 | 237.0 | 235.7 | 234.4 | 233.1 | 231.8 | 231.2  | 230.7 |
| 122.5° | 257.9 | 257.4 | 257.0 | 256.5 | 256.1 | 254.7 | 253.3 | 251.8 | 250.4 | 249.7  | 249.1 |
| 125°   | 275.3 | 274.8 | 274.3 | 273.8 | 273.3 | 271.9 | 270.5 | 269.2 | 267.8 | 267.1  | 266.6 |
| 127.5° | 291.9 | 291.2 | 290.5 | 289.8 | 289.1 | 288.0 | 287.0 | 285.9 | 284.8 | 284.3  | 283.8 |
| 130°   | 307.5 | 306.7 | 305.9 | 305.1 | 304.3 | 303.5 | 302.7 | 301.9 | 301.1 | 300.7  | 300.1 |
| 132.5° | 322.1 | 321.4 | 320.8 | 320.1 | 319.5 | 318.7 | 317.9 | 317.1 | 316.3 | 315.9  | 315.4 |
| 135°   | 336.2 | 335.5 | 334.8 | 334.1 | 333.4 | 332.8 | 332.1 | 331.5 | 330.8 | 330.5  | 329.9 |
| 137.5° | 349.5 | 348.8 | 348.1 | 347.4 | 346.7 | 346.0 | 345.2 | 344.5 | 343.8 | 343.4  | 343.0 |
| 140°   | 362.2 | 361.5 | 360.9 | 360.2 | 359.6 | 358.8 | 358.0 | 357.2 | 356.4 | 356.0  | 355.7 |
| 142.5° | 373.9 | 373.3 | 372.8 | 372.2 | 371.6 | 370.7 | 369.7 | 368.8 | 367.9 | 367.4  | 367.1 |
| 145°   | 384.6 | 384.1 | 383.6 | 383.1 | 382.6 | 381.4 | 380.2 | 378.9 | 377.7 | 377.1  | 377.1 |
| 147.5° | 394.0 | 393.7 | 393.3 | 393.0 | 392.6 | 391.4 | 390.2 | 388.9 | 387.7 | 387.1  | 387.2 |
| 150°   | 403.1 | 402.6 | 402.2 | 401.7 | 401.3 | 400.1 | 399.0 | 397.8 | 396.7 | 396.1  | 396.4 |
| 152.5° | 411.1 | 410.7 | 410.2 | 409.8 | 409.4 | 408.3 | 407.3 | 406.2 | 405.1 | 404.6  | 404.9 |
| 155°   | 418.3 | 417.8 | 417.4 | 416.9 | 416.5 | 415.6 | 414.8 | 413.9 | 413.0 | 412.6  | 412.9 |
| 157.5° | 424.7 | 424.2 | 423.7 | 423.2 | 422.7 | 422.1 | 421.4 | 420.8 | 420.1 | 419.8  | 420.1 |
| 160°   | 429.9 | 429.5 | 429.0 | 428.6 | 428.2 | 427.8 | 427.3 | 426.9 | 426.4 | 426.2  | 426.4 |
| 162.5° | 435.0 | 434.5 | 434.0 | 433.5 | 433.0 | 432.6 | 432.3 | 431.9 | 431.6 | 431.4  | 431.6 |
| 165°   | 438.9 | 438.4 | 437.9 | 437.4 | 436.9 | 436.7 | 436.5 | 436.2 | 436.0 | 435.9  | 436.1 |
| 167.5° | 442.5 | 442.0 | 441.5 | 441.0 | 440.5 | 440.3 | 440.1 | 439.8 | 439.6 | 439.5  | 439.7 |
| 170°   | 445.0 | 444.5 | 444.0 | 443.5 | 443.0 | 442.9 | 442.7 | 442.6 | 442.5 | 442.4  | 442.6 |
| 172.5° | 447.0 | 446.5 | 446.0 | 445.5 | 445.0 | 444.8 | 444.7 | 444.5 | 444.4 | 444.3  | 444.5 |
| 175°   | 448.3 | 447.8 | 447.3 | 446.8 | 446.3 | 446.1 | 446.0 | 445.8 | 445.7 | 445.6  | 445.9 |
| 177.5° | 448.6 | 448.1 | 447.6 | 447.1 | 446.6 | 446.5 | 446.5 | 446.4 | 446.3 | 446.3  | 446.5 |
| 180°   | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9 | 446.9  | 446.9 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 944.5 | 944.5 | 955.6 | 967.4 |
| 5°     | 923.8 | 929.0 | 946.7 | 963.0 |
| 7.5°   | 903.8 | 912.7 | 934.9 | 955.6 |
| 10°    | 879.4 | 891.2 | 918.6 | 943.0 |
| 12.5°  | 855.7 | 866.8 | 898.6 | 926.0 |
| 15°    | 822.5 | 836.5 | 870.5 | 904.6 |
| 17.5°  | 789.2 | 803.2 | 844.6 | 884.6 |
| 20°    | 750.0 | 768.5 | 815.1 | 868.3 |
| 22.5°  | 713.7 | 736.7 | 788.4 | 831.3 |
| 25°    | 673.8 | 709.3 | 757.4 | 812.8 |
| 27.5°  | 638.3 | 673.8 | 722.6 | 778.8 |
| 30°    | 598.4 | 634.6 | 684.9 | 736.7 |
| 32.5°  | 559.9 | 593.2 | 642.0 | 705.6 |
| 35°    | 520.0 | 551.8 | 599.1 | 663.4 |
| 37.5°  | 483.7 | 514.8 | 566.5 | 625.7 |
| 40°    | 448.2 | 480.8 | 525.1 | 584.3 |
| 42.5°  | 414.9 | 443.8 | 483.7 | 542.9 |
| 45°    | 384.6 | 405.3 | 442.3 | 497.8 |
| 47.5°  | 352.8 | 371.3 | 405.3 | 460.8 |
| 50°    | 323.2 | 338.7 | 368.3 | 420.1 |
| 52.5°  | 294.4 | 307.7 | 335.0 | 376.5 |
| 55°    | 268.5 | 281.1 | 301.0 | 341.7 |
| 57.5°  | 241.9 | 251.5 | 270.7 | 303.2 |
| 60°    | 216.0 | 224.8 | 240.4 | 267.0 |
| 62.5°  | 190.1 | 197.5 | 212.3 | 233.7 |
| 65°    | 167.2 | 173.1 | 184.2 | 202.7 |
| 67.5°  | 145.0 | 148.7 | 157.5 | 172.3 |
| 70°    | 123.5 | 126.5 | 133.9 | 145.7 |
| 72.5°  | 100.6 | 103.5 | 111.7 | 119.8 |
| 75°    | 81.4  | 82.1  | 88.0  | 94.7  |
| 77.5°  | 63.6  | 62.9  | 67.3  | 72.5  |
| 80°    | 43.6  | 45.9  | 49.6  | 51.8  |
| 82.5°  | 29.6  | 30.3  | 31.8  | 33.3  |
| 85°    | 16.3  | 17.0  | 17.0  | 19.2  |
| 87.5°  | 6.7   | 7.4   | 7.4   | 8.1   |
| 90°    | 2.7   | 1.9   | 1.1   | 0.3   |
| 92.5°  | 7.2   | 7.5   | 7.8   | 8.1   |
| 95°    | 13.9  | 16.2  | 18.6  | 21.0  |
| 97.5°  | 20.1  | 26.0  | 31.9  | 37.8  |
| 100°   | 27.7  | 37.5  | 47.4  | 57.2  |
| 102.5° | 78.1  | 78.3  | 78.4  | 78.6  |
| 105°   | 104.8 | 102.6 | 100.5 | 98.3  |
| 107.5° | 126.7 | 124.9 | 123.1 | 121.3 |
| 110°   | 147.8 | 146.3 | 144.8 | 143.3 |

TEST NUMBER: P1009057

CATALOG NUMBER: S122DIP-B485D330UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 167.9 | 166.6 | 165.3 | 164.0 |
| 115°   | 189.6 | 188.3 | 187.1 | 185.9 |
| 117.5° | 209.3 | 207.9 | 206.4 | 205.0 |
| 120°   | 229.6 | 228.5 | 227.5 | 226.4 |
| 122.5° | 248.0 | 246.8 | 245.7 | 244.5 |
| 125°   | 265.7 | 264.8 | 263.8 | 262.9 |
| 127.5° | 282.8 | 281.7 | 280.7 | 279.7 |
| 130°   | 299.0 | 297.9 | 296.7 | 295.6 |
| 132.5° | 314.5 | 313.6 | 312.6 | 311.7 |
| 135°   | 328.8 | 327.6 | 326.5 | 325.3 |
| 137.5° | 342.1 | 341.3 | 340.4 | 339.6 |
| 140°   | 355.2 | 354.6 | 354.1 | 353.5 |
| 142.5° | 366.6 | 366.1 | 365.6 | 365.1 |
| 145°   | 377.2 | 377.3 | 377.3 | 377.4 |
| 147.5° | 387.4 | 387.7 | 387.9 | 388.1 |
| 150°   | 396.9 | 397.4 | 397.9 | 398.4 |
| 152.5° | 405.4 | 406.0 | 406.5 | 407.1 |
| 155°   | 413.6 | 414.3 | 414.9 | 415.6 |
| 157.5° | 420.6 | 421.2 | 421.7 | 422.3 |
| 160°   | 426.9 | 427.3 | 427.8 | 428.2 |
| 162.5° | 432.0 | 432.5 | 432.9 | 433.3 |
| 165°   | 436.6 | 437.0 | 437.5 | 437.9 |
| 167.5° | 440.1 | 440.6 | 441.0 | 441.4 |
| 170°   | 443.0 | 443.5 | 443.9 | 444.3 |
| 172.5° | 445.0 | 445.4 | 445.9 | 446.3 |
| 175°   | 446.4 | 446.9 | 447.4 | 447.9 |
| 177.5° | 447.0 | 447.5 | 448.0 | 448.5 |
| 180°   | 446.9 | 446.9 | 446.9 | 446.9 |

(END OF REPORT)