

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P998649

Luminaire Tested: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P998649  
REPORT IS A COMBINATION OF REPORTS P984392 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1  
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

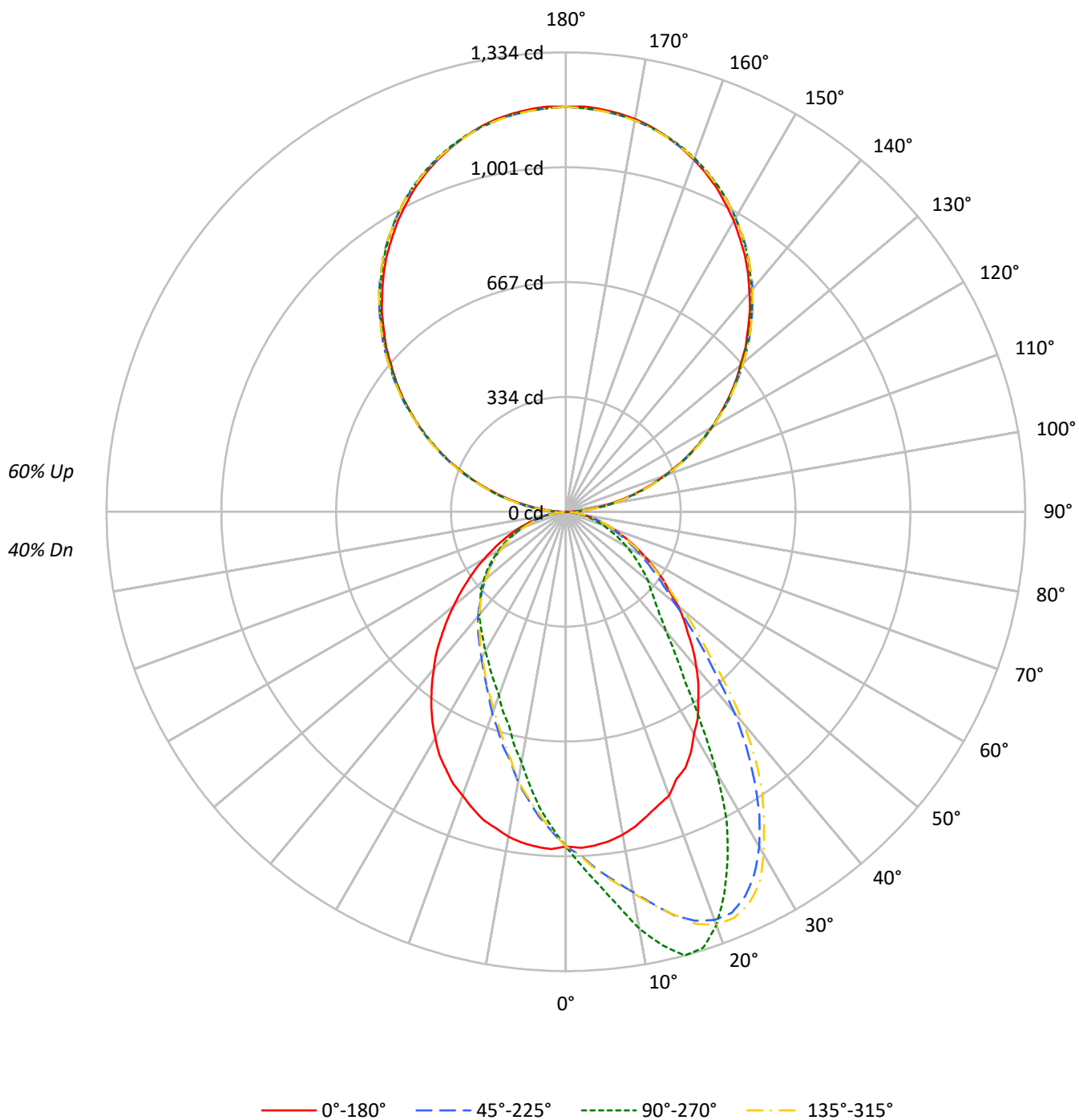
Lumens per Lamp: N/A  
Luminaire Lumens: 5435.0 lumens  
Efficiency: N/A  
Efficacy: 103.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 52.5  
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: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P998649

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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   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 61 | 61 | 61 | 46 | 46 | 46 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 80 | 78 | 68 | 66 | 64 | 54 | 53 | 52 | 42 | 41 | 40 |
| 2   | 88  | 80  | 75  | 70  | 79 | 73 | 69 | 64 | 60 | 57 | 54 | 48 | 46 | 44 | 37 | 36 | 34 |
| 3   | 80  | 71  | 64  | 59  | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 43 | 40 | 37 | 33 | 31 | 30 |
| 4   | 73  | 63  | 56  | 50  | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 32 | 30 | 28 | 26 |
| 5   | 67  | 56  | 49  | 43  | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 28 | 27 | 25 | 23 |
| 6   | 62  | 51  | 43  | 37  | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 22 | 20 |
| 7   | 58  | 46  | 38  | 33  | 52 | 42 | 35 | 31 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 |
| 8   | 53  | 42  | 34  | 29  | 49 | 38 | 32 | 27 | 32 | 27 | 23 | 26 | 23 | 20 | 21 | 18 | 16 |
| 9   | 50  | 38  | 31  | 26  | 45 | 35 | 29 | 24 | 30 | 25 | 21 | 24 | 21 | 18 | 19 | 17 | 15 |
| 10  | 46  | 35  | 28  | 23  | 42 | 32 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 16 | 18 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15383 | 15383 | 15383 | 15383 |
| 5°  | 15419 | 16401 | 15478 | 13049 |
| 10° | 15240 | 17905 | 15336 | 10758 |
| 15° | 14871 | 18885 | 15077 | 9062  |
| 20° | 14638 | 17732 | 14638 | 7877  |
| 25° | 14172 | 15233 | 14236 | 7044  |
| 30° | 13404 | 11974 | 13659 | 6380  |
| 35° | 12724 | 8280  | 12937 | 5837  |
| 40° | 11943 | 6252  | 12079 | 5404  |
| 45° | 10979 | 5138  | 11158 | 4937  |
| 50° | 10147 | 4510  | 10163 | 4520  |
| 55° | 9196  | 3842  | 9254  | 4066  |
| 60° | 8181  | 3210  | 8296  | 3549  |
| 65° | 7277  | 2610  | 7408  | 3031  |
| 70° | 6370  | 2049  | 6535  | 2445  |
| 75° | 5348  | 1487  | 5555  | 1772  |
| 80° | 4176  | 942   | 4471  | 1051  |
| 85° | 2740  | 475   | 2952  | 350   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15901 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.6   | 1.7       |
| 10°-20°   | 269.4  | 5.0       |
| 20°-30°   | 391.0  | 7.2       |
| 30°-40°   | 412.2  | 7.6       |
| 40°-50°   | 364.7  | 6.7       |
| 50°-60°   | 291.2  | 5.4       |
| 60°-70°   | 197.8  | 3.6       |
| 70°-80°   | 101.2  | 1.9       |
| 80°-90°   | 27.3   | 0.5       |
| 90°-100°  | 72.7   | 1.3       |
| 100°-110° | 231.3  | 4.3       |
| 110°-120° | 395.7  | 7.3       |
| 120°-130° | 520.4  | 9.6       |
| 130°-140° | 584.1  | 10.7      |
| 140°-150° | 572.8  | 10.5      |
| 150°-160° | 480.5  | 8.8       |
| 160°-170° | 318.7  | 5.9       |
| 170°-180° | 111.4  | 2.0       |
| 0°-30°    | 752.9  | 13.9      |
| 0°-40°    | 1165.1 | 21.4      |
| 0°-60°    | 1821.1 | 33.5      |
| 0°-90°    | 2147.4 | 39.5      |
| 90°-120°  | 699.7  | 12.9      |
| 90°-150°  | 2377.1 | 43.7      |
| 90°-180°  | 3288.0 | 60.5      |
| 0°-180°   | 5435.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 972  | 972  | 972  | 972  | 972  |      |
| 5°   | 972  | 1085 | 976  | 864  | 972  | 92   |
| 15°  | 914  | 1334 | 926  | 640  | 914  | 258  |
| 25°  | 821  | 1111 | 825  | 514  | 821  | 375  |
| 35°  | 670  | 605  | 681  | 426  | 670  | 419  |
| 45°  | 503  | 364  | 511  | 350  | 503  | 390  |
| 55°  | 345  | 256  | 347  | 271  | 345  | 308  |
| 65°  | 205  | 158  | 208  | 183  | 205  | 203  |
| 75°  | 96   | 78   | 99   | 93   | 96   | 103  |
| 85°  | 19   | 20   | 21   | 15   | 19   | 23   |
| 90°  | 1    | 34   | 1    | 34   | 1    | 4    |
| 95°  | 52   | 62   | 52   | 62   | 52   | 58   |
| 105° | 213  | 220  | 213  | 220  | 213  | 225  |
| 115° | 397  | 397  | 397  | 397  | 397  | 393  |
| 125° | 578  | 580  | 578  | 580  | 578  | 516  |
| 135° | 747  | 756  | 747  | 756  | 747  | 577  |
| 145° | 907  | 917  | 907  | 917  | 907  | 567  |
| 155° | 1037 | 1045 | 1037 | 1045 | 1037 | 477  |
| 165° | 1128 | 1129 | 1128 | 1129 | 1128 | 318  |
| 175° | 1174 | 1170 | 1174 | 1170 | 1174 | 112  |
| 180° | 1176 | 1176 | 1176 | 1176 | 1176 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 971.8 | 971.8 | 971.8 | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  |
| 2.5°   | 977.0 | 979.2 | 983.0 | 983.7  | 991.2  | 997.2  | 1003.9 | 1003.9 | 1006.1 | 1005.4 | 999.4  |
| 5°     | 972.5 | 979.2 | 988.9 | 997.2  | 1010.6 | 1016.6 | 1025.5 | 1032.3 | 1038.2 | 1042.7 | 1042.0 |
| 7.5°   | 965.0 | 977.0 | 991.2 | 1006.9 | 1024.8 | 1035.3 | 1047.9 | 1059.9 | 1068.1 | 1075.6 | 1080.8 |
| 10°    | 952.3 | 972.5 | 991.9 | 1012.8 | 1036.0 | 1050.2 | 1065.1 | 1080.8 | 1093.5 | 1107.7 | 1121.1 |
| 12.5°  | 935.2 | 964.3 | 988.2 | 1015.8 | 1044.2 | 1059.9 | 1083.8 | 1095.8 | 1120.4 | 1156.3 | 1166.0 |
| 15°    | 913.5 | 953.1 | 975.5 | 1010.6 | 1047.9 | 1060.6 | 1093.5 | 1112.9 | 1163.7 | 1186.1 | 1213.0 |
| 17.5°  | 893.3 | 937.4 | 967.3 | 1007.6 | 1044.2 | 1068.9 | 1101.0 | 1140.6 | 1183.1 | 1215.3 | 1245.1 |
| 20°    | 876.9 | 919.5 | 955.3 | 1000.1 | 1046.5 | 1077.8 | 1111.4 | 1159.2 | 1205.6 | 1238.4 | 1261.6 |
| 22.5°  | 839.6 | 894.1 | 935.9 | 986.0  | 1042.0 | 1085.3 | 1117.4 | 1169.7 | 1219.7 | 1239.9 | 1260.1 |
| 25°    | 820.9 | 867.9 | 916.5 | 973.3  | 1039.0 | 1090.5 | 1118.2 | 1176.4 | 1220.5 | 1228.0 | 1232.4 |
| 27.5°  | 786.5 | 839.6 | 896.3 | 961.3  | 1038.2 | 1081.6 | 1116.7 | 1169.7 | 1204.8 | 1199.6 | 1186.1 |
| 30°    | 743.9 | 808.9 | 871.7 | 941.9  | 1027.8 | 1074.8 | 1107.7 | 1156.3 | 1174.2 | 1147.3 | 1123.4 |
| 32.5°  | 712.6 | 773.8 | 843.3 | 924.7  | 1015.8 | 1060.6 | 1092.8 | 1130.9 | 1134.6 | 1086.0 | 1045.7 |
| 35°    | 670.0 | 738.0 | 816.4 | 902.3  | 995.7  | 1036.0 | 1065.9 | 1089.0 | 1071.1 | 1003.1 | 955.3  |
| 37.5°  | 631.9 | 699.1 | 782.8 | 870.2  | 968.0  | 1007.6 | 1031.5 | 1035.3 | 991.2  | 931.4  | 861.2  |
| 40°    | 590.1 | 659.5 | 746.9 | 838.8  | 937.4  | 971.8  | 986.7  | 975.5  | 912.0  | 842.5  | 761.1  |
| 42.5°  | 548.2 | 617.0 | 711.1 | 805.2  | 898.6  | 927.7  | 933.7  | 903.0  | 825.4  | 743.9  | 649.8  |
| 45°    | 502.7 | 574.4 | 668.5 | 763.4  | 853.7  | 870.2  | 870.9  | 826.9  | 735.0  | 649.8  | 562.4  |
| 47.5°  | 465.3 | 531.8 | 625.2 | 720.0  | 796.2  | 807.4  | 803.0  | 752.2  | 652.1  | 556.5  | 480.3  |
| 50°    | 424.3 | 487.7 | 580.4 | 673.7  | 738.7  | 741.7  | 730.5  | 658.0  | 560.2  | 472.8  | 412.3  |
| 52.5°  | 380.2 | 444.4 | 529.6 | 619.2  | 677.5  | 673.0  | 651.3  | 573.6  | 481.8  | 409.3  | 363.0  |
| 55°    | 345.1 | 401.9 | 481.8 | 569.2  | 610.2  | 597.5  | 573.6  | 494.5  | 422.0  | 360.8  | 320.4  |
| 57.5°  | 306.2 | 356.3 | 434.7 | 510.9  | 534.8  | 522.9  | 499.0  | 425.0  | 357.8  | 311.5  | 284.6  |
| 60°    | 269.6 | 315.2 | 383.9 | 447.4  | 466.1  | 453.4  | 425.8  | 359.3  | 310.7  | 271.9  | 251.7  |
| 62.5°  | 236.0 | 275.6 | 333.1 | 391.4  | 398.9  | 386.2  | 362.3  | 308.5  | 266.7  | 236.0  | 221.1  |
| 65°    | 204.7 | 242.0 | 288.3 | 332.4  | 339.1  | 325.7  | 301.0  | 262.2  | 227.1  | 207.6  | 193.5  |
| 67.5°  | 174.0 | 203.9 | 245.0 | 277.1  | 280.8  | 268.1  | 248.0  | 216.6  | 194.9  | 174.0  | 163.6  |
| 70°    | 147.1 | 169.6 | 201.7 | 227.8  | 229.3  | 217.4  | 206.9  | 178.5  | 162.1  | 147.1  | 138.9  |
| 72.5°  | 121.0 | 136.7 | 161.3 | 180.8  | 181.5  | 174.0  | 164.3  | 146.4  | 132.2  | 121.8  | 113.5  |
| 75°    | 95.6  | 109.1 | 124.0 | 141.2  | 140.4  | 134.4  | 127.0  | 115.8  | 103.8  | 97.1   | 93.4   |
| 77.5°  | 73.2  | 81.4  | 93.4  | 104.6  | 104.6  | 101.6  | 97.1   | 88.9   | 81.4   | 74.7   | 71.0   |
| 80°    | 52.3  | 57.5  | 67.2  | 71.0   | 72.5   | 71.7   | 68.0   | 62.0   | 59.0   | 53.8   | 52.3   |
| 82.5°  | 33.6  | 37.3  | 41.8  | 45.6   | 47.8   | 46.3   | 45.6   | 42.6   | 38.1   | 36.6   | 35.1   |
| 85°    | 19.4  | 20.9  | 23.2  | 25.4   | 26.1   | 25.4   | 26.9   | 24.6   | 22.4   | 22.4   | 21.7   |
| 87.5°  | 8.2   | 9.0   | 10.5  | 10.5   | 11.2   | 11.2   | 10.5   | 11.2   | 11.2   | 10.5   | 9.7    |
| 90°    | 1.0   | 3.6   | 6.3   | 8.9    | 11.6   | 12.9   | 15.3   | 20.2   | 25.0   | 29.9   | 34.7   |
| 92.5°  | 21.8  | 23.6  | 25.4  | 27.1   | 28.9   | 29.8   | 29.9   | 30.1   | 30.4   | 30.6   | 30.8   |
| 95°    | 51.6  | 53.8  | 56.0  | 58.2   | 60.4   | 61.5   | 61.7   | 62.2   | 62.6   | 63.1   | 63.5   |
| 97.5°  | 86.3  | 88.3  | 90.3  | 92.3   | 94.3   | 95.3   | 95.7   | 96.6   | 97.5   | 98.3   | 99.2   |
| 100°   | 126.0 | 127.8 | 129.6 | 131.3  | 133.1  | 134.0  | 134.3  | 135.0  | 135.6  | 136.3  | 136.9  |
| 102.5° | 167.7 | 169.0 | 170.4 | 171.7  | 173.0  | 173.7  | 174.1  | 175.0  | 175.9  | 176.7  | 177.6  |
| 105°   | 213.4 | 214.0 | 214.7 | 215.3  | 216.0  | 216.3  | 216.5  | 217.0  | 217.4  | 217.9  | 218.3  |
| 107.5° | 259.0 | 259.9 | 260.8 | 261.7  | 262.6  | 263.0  | 263.0  | 263.0  | 263.0  | 263.0  | 263.0  |
| 110°   | 302.7 | 304.0 | 305.3 | 306.6  | 307.9  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 350.3  | 351.6  | 352.9  | 354.2  | 355.5  | 356.2  | 356.1  | 355.9  | 355.7  | 355.5  | 355.3  |
| 115°   | 396.9  | 398.2  | 399.6  | 400.9  | 402.2  | 402.9  | 402.7  | 402.2  | 401.8  | 401.3  | 400.9  |
| 117.5° | 443.6  | 445.4  | 447.1  | 448.9  | 450.6  | 451.5  | 451.0  | 449.9  | 448.8  | 447.7  | 446.6  |
| 120°   | 490.2  | 492.0  | 493.8  | 495.5  | 497.3  | 498.2  | 497.3  | 495.5  | 493.8  | 492.0  | 490.2  |
| 122.5° | 532.9  | 535.1  | 537.3  | 539.5  | 541.7  | 542.8  | 542.2  | 541.1  | 540.0  | 538.9  | 537.8  |
| 125°   | 577.5  | 579.5  | 581.5  | 583.5  | 585.5  | 586.5  | 586.2  | 585.5  | 584.8  | 584.2  | 583.5  |
| 127.5° | 621.2  | 623.6  | 626.0  | 628.5  | 630.9  | 632.1  | 631.7  | 630.8  | 629.9  | 629.1  | 628.2  |
| 130°   | 661.9  | 664.8  | 667.6  | 670.5  | 673.4  | 674.8  | 674.6  | 674.1  | 673.7  | 673.2  | 672.8  |
| 132.5° | 707.5  | 709.7  | 711.9  | 714.2  | 716.4  | 717.5  | 717.6  | 717.8  | 718.1  | 718.3  | 718.5  |
| 135°   | 747.2  | 749.6  | 752.0  | 754.5  | 756.9  | 758.1  | 758.3  | 758.8  | 759.2  | 759.7  | 760.1  |
| 137.5° | 790.9  | 792.9  | 794.9  | 796.8  | 798.8  | 799.8  | 800.0  | 800.5  | 800.9  | 801.4  | 801.8  |
| 140°   | 829.6  | 831.6  | 833.6  | 835.5  | 837.5  | 838.5  | 839.1  | 840.2  | 841.3  | 842.4  | 843.5  |
| 142.5° | 869.3  | 871.3  | 873.3  | 875.2  | 877.2  | 878.2  | 878.5  | 879.2  | 879.9  | 880.5  | 881.2  |
| 145°   | 907.0  | 908.5  | 910.1  | 911.6  | 913.1  | 913.9  | 914.6  | 915.9  | 917.2  | 918.6  | 919.9  |
| 147.5° | 940.7  | 942.7  | 944.7  | 946.7  | 948.7  | 949.7  | 950.1  | 951.0  | 951.9  | 952.7  | 953.6  |
| 150°   | 975.5  | 976.8  | 978.1  | 979.4  | 980.7  | 981.4  | 981.8  | 982.7  | 983.6  | 984.5  | 985.4  |
| 152.5° | 1006.2 | 1007.5 | 1008.9 | 1010.2 | 1011.5 | 1012.2 | 1012.7 | 1013.8 | 1014.9 | 1016.0 | 1017.1 |
| 155°   | 1037.0 | 1037.7 | 1038.3 | 1039.0 | 1039.7 | 1040.0 | 1040.3 | 1041.0 | 1041.6 | 1042.3 | 1042.9 |
| 157.5° | 1063.8 | 1064.2 | 1064.7 | 1065.1 | 1065.6 | 1065.8 | 1066.0 | 1066.5 | 1066.9 | 1067.4 | 1067.8 |
| 160°   | 1087.6 | 1088.0 | 1088.5 | 1088.9 | 1089.4 | 1089.6 | 1089.7 | 1089.9 | 1090.2 | 1090.4 | 1090.6 |
| 162.5° | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.5 | 1109.7 | 1110.0 | 1110.2 | 1110.4 |
| 165°   | 1128.3 | 1128.1 | 1127.9 | 1127.6 | 1127.4 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 |
| 167.5° | 1145.2 | 1144.5 | 1143.9 | 1143.2 | 1142.5 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 |
| 170°   | 1158.1 | 1157.4 | 1156.8 | 1156.1 | 1155.4 | 1155.1 | 1155.0 | 1154.8 | 1154.5 | 1154.3 | 1154.1 |
| 172.5° | 1167.0 | 1166.3 | 1165.7 | 1165.0 | 1164.3 | 1164.0 | 1163.9 | 1163.7 | 1163.4 | 1163.2 | 1163.0 |
| 175°   | 1173.9 | 1173.3 | 1172.6 | 1172.0 | 1171.3 | 1171.0 | 1170.8 | 1170.3 | 1169.9 | 1169.4 | 1169.0 |
| 177.5° | 1177.9 | 1177.2 | 1176.6 | 1175.9 | 1175.2 | 1174.9 | 1174.7 | 1174.2 | 1173.8 | 1173.3 | 1172.9 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

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CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  |
| 2.5°   | 1009.9 | 1010.6 | 1012.1 | 1019.6 | 1023.3 | 1024.0 | 1021.1 | 1027.8 | 1030.0 | 1027.8 | 1026.3 |
| 5°     | 1057.7 | 1062.1 | 1071.1 | 1080.8 | 1080.1 | 1080.8 | 1085.3 | 1089.8 | 1091.3 | 1085.3 | 1087.5 |
| 7.5°   | 1099.5 | 1108.4 | 1118.2 | 1133.1 | 1133.1 | 1140.6 | 1143.6 | 1147.3 | 1156.3 | 1151.8 | 1150.3 |
| 10°    | 1147.3 | 1159.2 | 1177.2 | 1201.1 | 1201.8 | 1209.3 | 1216.8 | 1228.7 | 1232.4 | 1229.5 | 1230.9 |
| 12.5°  | 1207.0 | 1230.2 | 1231.7 | 1257.8 | 1269.8 | 1271.3 | 1283.2 | 1281.0 | 1288.5 | 1288.5 | 1301.2 |
| 15°    | 1233.2 | 1269.0 | 1289.2 | 1314.6 | 1322.1 | 1313.1 | 1322.8 | 1333.3 | 1334.0 | 1334.0 | 1333.3 |
| 17.5°  | 1280.2 | 1294.4 | 1314.6 | 1328.0 | 1331.0 | 1331.0 | 1331.8 | 1336.3 | 1333.3 | 1327.3 | 1331.8 |
| 20°    | 1290.0 | 1295.9 | 1303.4 | 1301.9 | 1303.4 | 1295.9 | 1288.5 | 1281.0 | 1281.7 | 1278.0 | 1289.2 |
| 22.5°  | 1272.0 | 1270.5 | 1253.4 | 1242.2 | 1242.2 | 1227.2 | 1213.0 | 1206.3 | 1199.6 | 1201.8 | 1205.6 |
| 25°    | 1227.2 | 1204.1 | 1183.1 | 1166.7 | 1163.0 | 1139.1 | 1119.7 | 1113.7 | 1102.5 | 1111.4 | 1112.9 |
| 27.5°  | 1155.5 | 1129.4 | 1095.8 | 1081.6 | 1062.1 | 1052.4 | 1039.0 | 1021.1 | 997.9  | 1011.3 | 1009.1 |
| 30°    | 1078.6 | 1039.7 | 1012.1 | 977.7  | 947.1  | 944.9  | 919.5  | 889.6  | 877.6  | 877.6  | 884.4  |
| 32.5°  | 992.7  | 941.1  | 900.8  | 852.3  | 822.4  | 809.7  | 779.1  | 749.2  | 755.9  | 733.5  | 741.7  |
| 35°    | 892.6  | 824.6  | 773.8  | 726.8  | 704.4  | 689.4  | 649.8  | 633.4  | 615.5  | 605.0  | 624.4  |
| 37.5°  | 797.0  | 718.6  | 653.6  | 602.0  | 593.8  | 566.9  | 540.0  | 529.6  | 519.1  | 523.6  | 522.9  |
| 40°    | 680.5  | 611.0  | 552.7  | 512.4  | 498.2  | 485.5  | 467.6  | 454.9  | 448.2  | 451.9  | 452.6  |
| 42.5°  | 575.1  | 516.9  | 473.6  | 445.2  | 433.2  | 424.3  | 415.3  | 404.8  | 402.6  | 402.6  | 405.6  |
| 45°    | 493.7  | 445.9  | 416.8  | 393.6  | 386.9  | 380.2  | 373.5  | 369.0  | 367.5  | 364.5  | 366.7  |
| 47.5°  | 428.7  | 390.6  | 372.7  | 355.5  | 348.1  | 346.6  | 340.6  | 338.4  | 335.4  | 334.6  | 335.4  |
| 50°    | 374.2  | 350.3  | 333.9  | 324.2  | 318.9  | 316.7  | 313.7  | 309.2  | 307.7  | 311.5  | 310.0  |
| 52.5°  | 336.1  | 313.7  | 304.7  | 295.0  | 292.1  | 289.1  | 284.6  | 285.3  | 284.6  | 283.1  | 283.1  |
| 55°    | 298.0  | 283.8  | 274.9  | 267.4  | 266.7  | 263.7  | 259.9  | 258.4  | 257.7  | 256.2  | 258.4  |
| 57.5°  | 267.4  | 256.2  | 248.0  | 241.3  | 238.3  | 238.3  | 234.5  | 231.5  | 231.5  | 230.8  | 231.5  |
| 60°    | 236.8  | 225.6  | 220.3  | 213.6  | 211.4  | 210.6  | 208.4  | 206.9  | 204.7  | 204.7  | 204.7  |
| 62.5°  | 208.4  | 199.4  | 193.5  | 187.5  | 188.2  | 184.5  | 181.5  | 180.0  | 180.0  | 180.8  | 180.8  |
| 65°    | 181.5  | 175.5  | 168.1  | 162.8  | 161.3  | 160.6  | 159.1  | 158.3  | 156.1  | 157.6  | 157.6  |
| 67.5°  | 156.9  | 148.6  | 144.2  | 141.9  | 139.7  | 138.9  | 137.4  | 135.9  | 135.2  | 134.4  | 135.9  |
| 70°    | 132.2  | 125.5  | 121.8  | 120.3  | 118.0  | 117.3  | 116.5  | 114.3  | 115.0  | 115.8  | 116.5  |
| 72.5°  | 109.8  | 103.8  | 103.1  | 98.6   | 98.6   | 98.6   | 95.6   | 97.1   | 96.4   | 94.9   | 96.4   |
| 75°    | 86.6   | 83.7   | 82.2   | 79.9   | 80.7   | 79.9   | 79.2   | 76.9   | 76.9   | 77.7   | 78.4   |
| 77.5°  | 68.7   | 65.7   | 65.0   | 62.7   | 61.2   | 62.7   | 61.2   | 60.5   | 60.5   | 61.2   | 61.2   |
| 80°    | 50.8   | 49.3   | 47.1   | 47.1   | 47.1   | 46.3   | 46.3   | 46.3   | 45.6   | 44.8   | 45.6   |
| 82.5°  | 33.6   | 33.6   | 32.9   | 32.1   | 32.9   | 31.4   | 32.1   | 32.1   | 32.1   | 32.1   | 32.1   |
| 85°    | 21.7   | 20.9   | 20.9   | 20.2   | 20.2   | 20.2   | 20.9   | 19.4   | 19.4   | 20.2   | 20.2   |
| 87.5°  | 9.7    | 9.7    | 9.7    | 10.5   | 9.7    | 9.7    | 9.7    | 10.5   | 9.7    | 9.7    | 9.7    |
| 90°    | 34.3   | 33.8   | 33.4   | 32.9   | 32.7   | 32.8   | 33.0   | 33.3   | 33.5   | 33.7   | 33.5   |
| 92.5°  | 31.0   | 31.2   | 31.5   | 31.7   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 95°    | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.3   | 62.8   | 62.4   | 61.9   | 61.5   | 61.9   |
| 97.5°  | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   |
| 100°   | 136.9  | 136.9  | 136.9  | 136.9  | 136.9  | 136.8  | 136.6  | 136.4  | 136.2  | 136.0  | 136.2  |
| 102.5° | 177.8  | 178.0  | 178.3  | 178.5  | 178.6  | 178.5  | 178.3  | 178.0  | 177.8  | 177.6  | 177.8  |
| 105°   | 218.7  | 219.2  | 219.6  | 220.1  | 220.3  | 220.3  | 220.3  | 220.3  | 220.3  | 220.3  | 220.3  |
| 107.5° | 263.2  | 263.4  | 263.7  | 263.9  | 264.0  | 263.4  | 262.3  | 261.2  | 260.1  | 259.0  | 260.1  |
| 110°   | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  | 308.3  | 307.6  | 306.9  | 306.3  | 305.6  | 306.3  |

TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 354.6  | 354.0  | 353.3  | 352.6  | 352.3  | 352.1  | 351.6  | 351.2  | 350.7  | 350.3  | 350.7  |
| 115°   | 400.7  | 400.5  | 400.2  | 400.0  | 399.9  | 399.6  | 398.9  | 398.2  | 397.6  | 396.9  | 397.6  |
| 117.5° | 445.9  | 445.3  | 444.6  | 443.9  | 443.6  | 443.3  | 442.6  | 441.9  | 441.3  | 440.6  | 441.3  |
| 120°   | 490.2  | 490.2  | 490.2  | 490.2  | 490.2  | 489.9  | 489.2  | 488.5  | 487.9  | 487.2  | 487.9  |
| 122.5° | 537.2  | 536.5  | 535.9  | 535.2  | 534.9  | 534.7  | 534.2  | 533.8  | 533.3  | 532.9  | 533.3  |
| 125°   | 582.8  | 582.2  | 581.5  | 580.8  | 580.5  | 580.4  | 580.2  | 579.9  | 579.7  | 579.5  | 579.7  |
| 127.5° | 627.3  | 626.4  | 625.5  | 624.6  | 624.2  | 623.9  | 623.2  | 622.5  | 621.9  | 621.2  | 621.9  |
| 130°   | 672.4  | 671.9  | 671.5  | 671.0  | 670.8  | 670.4  | 669.5  | 668.6  | 667.8  | 666.9  | 667.8  |
| 132.5° | 717.4  | 716.3  | 715.2  | 714.1  | 713.5  | 713.2  | 712.5  | 711.8  | 711.2  | 710.5  | 711.2  |
| 135°   | 759.9  | 759.7  | 759.4  | 759.2  | 759.1  | 758.8  | 758.1  | 757.5  | 756.8  | 756.2  | 756.8  |
| 137.5° | 801.6  | 801.4  | 801.1  | 800.9  | 800.8  | 800.4  | 799.5  | 798.6  | 797.7  | 796.8  | 797.7  |
| 140°   | 843.5  | 843.5  | 843.5  | 843.5  | 843.5  | 843.1  | 842.2  | 841.3  | 840.4  | 839.5  | 840.4  |
| 142.5° | 881.4  | 881.6  | 881.9  | 882.1  | 882.2  | 881.8  | 880.9  | 880.0  | 879.1  | 878.2  | 879.1  |
| 145°   | 920.1  | 920.3  | 920.6  | 920.8  | 920.9  | 920.5  | 919.6  | 918.7  | 917.8  | 916.9  | 917.8  |
| 147.5° | 954.0  | 954.5  | 954.9  | 955.4  | 955.6  | 955.2  | 954.3  | 953.4  | 952.6  | 951.7  | 952.6  |
| 150°   | 986.1  | 986.7  | 987.4  | 988.1  | 988.4  | 988.1  | 987.4  | 986.7  | 986.1  | 985.4  | 986.1  |
| 152.5° | 1018.0 | 1018.9 | 1019.8 | 1020.7 | 1021.1 | 1020.7 | 1019.8 | 1018.9 | 1018.0 | 1017.1 | 1018.0 |
| 155°   | 1044.0 | 1045.1 | 1046.2 | 1047.3 | 1047.9 | 1047.6 | 1046.9 | 1046.2 | 1045.6 | 1044.9 | 1045.6 |
| 157.5° | 1069.3 | 1070.9 | 1072.4 | 1073.9 | 1074.7 | 1074.1 | 1073.0 | 1071.9 | 1070.8 | 1069.7 | 1070.8 |
| 160°   | 1091.9 | 1093.2 | 1094.5 | 1095.8 | 1096.5 | 1096.1 | 1095.2 | 1094.3 | 1093.5 | 1092.6 | 1093.5 |
| 162.5° | 1112.0 | 1113.5 | 1115.1 | 1116.6 | 1117.4 | 1116.8 | 1115.7 | 1114.6 | 1113.5 | 1112.4 | 1113.5 |
| 165°   | 1128.8 | 1130.4 | 1131.9 | 1133.4 | 1134.2 | 1133.7 | 1132.6 | 1131.5 | 1130.4 | 1129.3 | 1130.4 |
| 167.5° | 1143.7 | 1145.3 | 1146.8 | 1148.3 | 1149.1 | 1148.6 | 1147.5 | 1146.4 | 1145.3 | 1144.2 | 1145.3 |
| 170°   | 1155.6 | 1157.2 | 1158.7 | 1160.2 | 1161.0 | 1160.3 | 1159.0 | 1157.7 | 1156.4 | 1155.1 | 1156.4 |
| 172.5° | 1164.6 | 1166.1 | 1167.7 | 1169.2 | 1170.0 | 1169.3 | 1168.0 | 1166.7 | 1165.3 | 1164.0 | 1165.3 |
| 175°   | 1170.5 | 1172.1 | 1173.6 | 1175.1 | 1175.9 | 1175.2 | 1173.9 | 1172.6 | 1171.3 | 1170.0 | 1171.3 |
| 177.5° | 1174.2 | 1175.6 | 1176.9 | 1178.2 | 1178.9 | 1178.2 | 1176.9 | 1175.6 | 1174.2 | 1172.9 | 1174.2 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  |
| 2.5°   | 1030.0 | 1024.8 | 1020.3 | 1021.1 | 1024.8 | 1021.8 | 1014.3 | 1004.6 | 1000.9 | 996.4  | 1000.9 |
| 5°     | 1092.0 | 1087.5 | 1078.6 | 1079.3 | 1077.1 | 1074.1 | 1062.1 | 1047.2 | 1047.2 | 1035.3 | 1033.8 |
| 7.5°   | 1153.3 | 1146.5 | 1140.6 | 1139.1 | 1130.9 | 1124.9 | 1114.4 | 1093.5 | 1085.3 | 1071.1 | 1062.9 |
| 10°    | 1222.0 | 1216.8 | 1210.0 | 1201.8 | 1197.3 | 1186.9 | 1169.7 | 1139.1 | 1124.1 | 1104.7 | 1090.5 |
| 12.5°  | 1291.4 | 1290.7 | 1275.8 | 1259.3 | 1258.6 | 1242.2 | 1230.2 | 1189.1 | 1169.0 | 1142.8 | 1109.2 |
| 15°    | 1335.5 | 1331.8 | 1323.6 | 1315.4 | 1317.6 | 1299.7 | 1272.8 | 1224.2 | 1210.8 | 1179.4 | 1143.6 |
| 17.5°  | 1334.8 | 1334.8 | 1332.5 | 1331.0 | 1328.8 | 1323.6 | 1308.6 | 1276.5 | 1254.8 | 1215.3 | 1181.6 |
| 20°    | 1292.2 | 1301.9 | 1304.1 | 1303.4 | 1310.9 | 1314.6 | 1313.9 | 1293.7 | 1276.5 | 1241.4 | 1207.0 |
| 22.5°  | 1207.0 | 1229.5 | 1239.2 | 1245.1 | 1260.8 | 1269.0 | 1288.5 | 1281.0 | 1276.5 | 1250.4 | 1221.2 |
| 25°    | 1127.9 | 1135.3 | 1164.5 | 1166.0 | 1187.6 | 1207.8 | 1227.2 | 1239.9 | 1256.3 | 1246.6 | 1222.0 |
| 27.5°  | 1025.5 | 1042.7 | 1063.6 | 1079.3 | 1083.8 | 1124.9 | 1157.0 | 1180.9 | 1218.2 | 1221.2 | 1213.0 |
| 30°    | 909.8  | 918.0  | 952.3  | 973.3  | 997.2  | 1027.0 | 1073.3 | 1114.4 | 1148.0 | 1178.7 | 1189.1 |
| 32.5°  | 768.6  | 802.2  | 822.4  | 847.8  | 868.7  | 921.7  | 978.5  | 1031.5 | 1070.4 | 1121.9 | 1144.3 |
| 35°    | 639.4  | 665.5  | 699.9  | 710.3  | 748.4  | 793.2  | 867.2  | 935.2  | 994.2  | 1046.5 | 1092.0 |
| 37.5°  | 532.6  | 553.5  | 590.1  | 606.5  | 628.9  | 686.4  | 748.4  | 832.8  | 903.8  | 968.0  | 1024.8 |
| 40°    | 459.4  | 475.0  | 502.7  | 507.9  | 526.6  | 578.9  | 628.9  | 708.1  | 802.2  | 888.9  | 950.8  |
| 42.5°  | 409.3  | 416.8  | 435.5  | 442.2  | 454.1  | 489.2  | 534.1  | 608.8  | 696.1  | 785.8  | 873.2  |
| 45°    | 373.5  | 378.7  | 389.9  | 395.9  | 410.8  | 426.5  | 463.1  | 522.9  | 591.6  | 682.0  | 776.1  |
| 47.5°  | 341.3  | 348.1  | 352.6  | 356.3  | 364.5  | 381.7  | 405.6  | 449.7  | 515.4  | 598.3  | 689.4  |
| 50°    | 314.5  | 316.7  | 324.9  | 325.7  | 330.9  | 342.1  | 364.5  | 391.4  | 443.7  | 510.9  | 599.0  |
| 52.5°  | 287.6  | 289.8  | 295.0  | 300.3  | 302.5  | 311.5  | 326.4  | 348.8  | 387.7  | 440.7  | 519.1  |
| 55°    | 260.7  | 263.7  | 268.9  | 272.6  | 274.9  | 282.3  | 291.3  | 313.0  | 343.6  | 380.9  | 445.2  |
| 57.5°  | 233.8  | 240.5  | 242.0  | 244.2  | 248.0  | 256.2  | 264.4  | 277.1  | 301.0  | 335.4  | 382.4  |
| 60°    | 208.4  | 210.6  | 215.9  | 218.1  | 221.8  | 226.3  | 236.8  | 246.5  | 263.7  | 290.6  | 333.1  |
| 62.5°  | 182.3  | 187.5  | 189.7  | 192.0  | 194.9  | 200.2  | 206.9  | 217.4  | 232.3  | 254.0  | 287.6  |
| 65°    | 159.8  | 160.6  | 165.1  | 168.1  | 171.0  | 174.8  | 181.5  | 191.2  | 200.2  | 220.3  | 245.0  |
| 67.5°  | 138.2  | 139.7  | 141.2  | 144.2  | 147.9  | 151.6  | 157.6  | 162.8  | 174.0  | 187.5  | 206.9  |
| 70°    | 117.3  | 117.3  | 121.0  | 123.2  | 122.5  | 127.0  | 131.5  | 137.4  | 145.7  | 158.3  | 174.0  |
| 72.5°  | 98.6   | 97.8   | 100.8  | 101.6  | 103.1  | 106.1  | 109.1  | 115.0  | 119.5  | 129.2  | 141.2  |
| 75°    | 78.4   | 79.9   | 81.4   | 81.4   | 83.7   | 85.9   | 88.9   | 91.9   | 97.1   | 103.1  | 112.0  |
| 77.5°  | 62.0   | 62.0   | 63.5   | 64.2   | 66.5   | 65.7   | 68.7   | 71.7   | 75.4   | 80.7   | 87.4   |
| 80°    | 45.6   | 47.1   | 47.1   | 47.1   | 47.8   | 48.6   | 51.5   | 53.8   | 56.0   | 59.8   | 62.7   |
| 82.5°  | 32.1   | 32.1   | 33.6   | 33.6   | 33.6   | 35.1   | 35.1   | 35.9   | 37.3   | 39.6   | 41.8   |
| 85°    | 20.2   | 20.2   | 20.2   | 20.9   | 20.2   | 20.9   | 22.4   | 21.7   | 22.4   | 23.9   | 23.9   |
| 87.5°  | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 10.5   | 9.7    | 10.5   | 11.2   | 11.2   | 11.2   |
| 90°    | 33.3   | 33.0   | 32.8   | 32.7   | 32.9   | 33.4   | 33.8   | 34.3   | 34.7   | 29.9   | 25.0   |
| 92.5°  | 31.8   | 31.8   | 31.8   | 31.8   | 31.7   | 31.5   | 31.2   | 31.0   | 30.8   | 30.6   | 30.4   |
| 95°    | 62.4   | 62.8   | 63.3   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.1   | 62.6   |
| 97.5°  | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 98.3   | 97.5   |
| 100°   | 136.4  | 136.6  | 136.8  | 136.9  | 136.9  | 136.9  | 136.9  | 136.9  | 136.9  | 136.3  | 135.6  |
| 102.5° | 178.0  | 178.3  | 178.5  | 178.6  | 178.5  | 178.3  | 178.0  | 177.8  | 177.6  | 176.7  | 175.9  |
| 105°   | 220.3  | 220.3  | 220.3  | 220.3  | 220.1  | 219.6  | 219.2  | 218.7  | 218.3  | 217.9  | 217.4  |
| 107.5° | 261.2  | 262.3  | 263.4  | 264.0  | 263.9  | 263.7  | 263.4  | 263.2  | 263.0  | 263.0  | 263.0  |
| 110°   | 306.9  | 307.6  | 308.3  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  | 308.6  |

TEST NUMBER: P998649

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 351.2  | 351.6  | 352.1  | 352.3  | 352.6  | 353.3  | 354.0  | 354.6  | 355.3  | 355.5  | 355.7  |
| 115°   | 398.2  | 398.9  | 399.6  | 399.9  | 400.0  | 400.2  | 400.5  | 400.7  | 400.9  | 401.3  | 401.8  |
| 117.5° | 441.9  | 442.6  | 443.3  | 443.6  | 443.9  | 444.6  | 445.3  | 445.9  | 446.6  | 447.7  | 448.8  |
| 120°   | 488.5  | 489.2  | 489.9  | 490.2  | 490.2  | 490.2  | 490.2  | 490.2  | 490.2  | 492.0  | 493.8  |
| 122.5° | 533.8  | 534.2  | 534.7  | 534.9  | 535.2  | 535.9  | 536.5  | 537.2  | 537.8  | 538.9  | 540.0  |
| 125°   | 579.9  | 580.2  | 580.4  | 580.5  | 580.8  | 581.5  | 582.2  | 582.8  | 583.5  | 584.2  | 584.8  |
| 127.5° | 622.5  | 623.2  | 623.9  | 624.2  | 624.6  | 625.5  | 626.4  | 627.3  | 628.2  | 629.1  | 629.9  |
| 130°   | 668.6  | 669.5  | 670.4  | 670.8  | 671.0  | 671.5  | 671.9  | 672.4  | 672.8  | 673.2  | 673.7  |
| 132.5° | 711.8  | 712.5  | 713.2  | 713.5  | 714.1  | 715.2  | 716.3  | 717.4  | 718.5  | 718.3  | 718.1  |
| 135°   | 757.5  | 758.1  | 758.8  | 759.1  | 759.2  | 759.4  | 759.7  | 759.9  | 760.1  | 759.7  | 759.2  |
| 137.5° | 798.6  | 799.5  | 800.4  | 800.8  | 800.9  | 801.1  | 801.4  | 801.6  | 801.8  | 801.4  | 800.9  |
| 140°   | 841.3  | 842.2  | 843.1  | 843.5  | 843.5  | 843.5  | 843.5  | 843.5  | 843.5  | 842.4  | 841.3  |
| 142.5° | 880.0  | 880.9  | 881.8  | 882.2  | 882.1  | 881.9  | 881.6  | 881.4  | 881.2  | 880.5  | 879.9  |
| 145°   | 918.7  | 919.6  | 920.5  | 920.9  | 920.8  | 920.6  | 920.3  | 920.1  | 919.9  | 918.6  | 917.2  |
| 147.5° | 953.4  | 954.3  | 955.2  | 955.6  | 955.4  | 954.9  | 954.5  | 954.0  | 953.6  | 952.7  | 951.9  |
| 150°   | 986.7  | 987.4  | 988.1  | 988.4  | 988.1  | 987.4  | 986.7  | 986.1  | 985.4  | 984.5  | 983.6  |
| 152.5° | 1018.9 | 1019.8 | 1020.7 | 1021.1 | 1020.7 | 1019.8 | 1018.9 | 1018.0 | 1017.1 | 1016.0 | 1014.9 |
| 155°   | 1046.2 | 1046.9 | 1047.6 | 1047.9 | 1047.3 | 1046.2 | 1045.1 | 1044.0 | 1042.9 | 1042.3 | 1041.6 |
| 157.5° | 1071.9 | 1073.0 | 1074.1 | 1074.7 | 1073.9 | 1072.4 | 1070.9 | 1069.3 | 1067.8 | 1067.4 | 1066.9 |
| 160°   | 1094.3 | 1095.2 | 1096.1 | 1096.5 | 1095.8 | 1094.5 | 1093.2 | 1091.9 | 1090.6 | 1090.4 | 1090.2 |
| 162.5° | 1114.6 | 1115.7 | 1116.8 | 1117.4 | 1116.6 | 1115.1 | 1113.5 | 1112.0 | 1110.4 | 1110.2 | 1110.0 |
| 165°   | 1131.5 | 1132.6 | 1133.7 | 1134.2 | 1133.4 | 1131.9 | 1130.4 | 1128.8 | 1127.3 | 1127.3 | 1127.3 |
| 167.5° | 1146.4 | 1147.5 | 1148.6 | 1149.1 | 1148.3 | 1146.8 | 1145.3 | 1143.7 | 1142.2 | 1142.2 | 1142.2 |
| 170°   | 1157.7 | 1159.0 | 1160.3 | 1161.0 | 1160.2 | 1158.7 | 1157.2 | 1155.6 | 1154.1 | 1154.3 | 1154.5 |
| 172.5° | 1166.7 | 1168.0 | 1169.3 | 1170.0 | 1169.2 | 1167.7 | 1166.1 | 1164.6 | 1163.0 | 1163.2 | 1163.4 |
| 175°   | 1172.6 | 1173.9 | 1175.2 | 1175.9 | 1175.1 | 1173.6 | 1172.1 | 1170.5 | 1169.0 | 1169.4 | 1169.9 |
| 177.5° | 1175.6 | 1176.9 | 1178.2 | 1178.9 | 1178.2 | 1176.9 | 1175.6 | 1174.2 | 1172.9 | 1173.3 | 1173.8 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

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CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°     | 971.8  | 971.8  | 971.8  | 971.8  | 971.8  | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 |
| 2.5°   | 997.2  | 993.4  | 991.2  | 992.7  | 988.2  | 977.0 | 977.0 | 980.7 | 976.2 | 971.8 | 965.0 |
| 5°     | 1024.8 | 1017.3 | 1012.8 | 1012.1 | 1001.6 | 983.7 | 980.0 | 976.2 | 966.5 | 956.1 | 944.9 |
| 7.5°   | 1051.7 | 1038.2 | 1030.8 | 1025.5 | 1010.6 | 987.4 | 977.7 | 969.5 | 953.8 | 938.1 | 924.0 |
| 10°    | 1074.1 | 1054.7 | 1045.7 | 1037.5 | 1018.1 | 988.9 | 973.3 | 958.3 | 938.1 | 918.0 | 900.1 |
| 12.5°  | 1092.0 | 1069.6 | 1058.4 | 1046.5 | 1022.6 | 984.5 | 965.0 | 941.1 | 921.0 | 894.1 | 876.2 |
| 15°    | 1121.9 | 1075.6 | 1065.1 | 1053.9 | 1029.3 | 977.0 | 953.1 | 926.2 | 898.6 | 862.7 | 843.3 |
| 17.5°  | 1145.8 | 1083.8 | 1083.1 | 1059.2 | 1027.0 | 974.0 | 937.4 | 902.3 | 872.4 | 836.6 | 805.9 |
| 20°    | 1160.0 | 1096.5 | 1084.5 | 1059.9 | 1019.6 | 953.8 | 915.7 | 876.9 | 844.8 | 801.5 | 770.8 |
| 22.5°  | 1171.9 | 1114.4 | 1083.1 | 1053.2 | 1003.9 | 947.1 | 891.1 | 854.5 | 810.4 | 763.4 | 734.2 |
| 25°    | 1176.4 | 1118.2 | 1085.3 | 1050.9 | 992.7  | 927.7 | 864.2 | 824.6 | 775.3 | 732.7 | 693.2 |
| 27.5°  | 1177.2 | 1117.4 | 1077.1 | 1041.2 | 977.0  | 902.3 | 837.3 | 795.5 | 741.0 | 691.7 | 652.1 |
| 30°    | 1169.7 | 1109.2 | 1072.6 | 1033.8 | 962.1  | 879.1 | 804.4 | 758.1 | 699.9 | 650.6 | 609.5 |
| 32.5°  | 1147.3 | 1092.8 | 1062.9 | 1020.3 | 942.6  | 847.0 | 773.1 | 721.5 | 660.3 | 611.7 | 572.2 |
| 35°    | 1109.9 | 1072.6 | 1039.7 | 1000.1 | 917.2  | 817.1 | 741.7 | 681.2 | 619.2 | 572.9 | 535.6 |
| 37.5°  | 1063.6 | 1043.5 | 1012.8 | 974.0  | 888.1  | 790.3 | 706.6 | 639.4 | 577.4 | 532.6 | 496.0 |
| 40°    | 1000.9 | 1006.1 | 976.2  | 941.1  | 853.7  | 753.7 | 661.0 | 596.8 | 538.5 | 496.7 | 460.9 |
| 42.5°  | 932.9  | 954.6  | 937.4  | 903.8  | 815.7  | 713.3 | 627.4 | 556.5 | 499.7 | 456.4 | 426.5 |
| 45°    | 859.7  | 897.1  | 886.6  | 862.0  | 776.1  | 670.7 | 579.6 | 510.9 | 460.9 | 419.0 | 392.9 |
| 47.5°  | 779.8  | 832.8  | 832.8  | 814.9  | 732.0  | 628.2 | 538.5 | 468.3 | 419.0 | 389.2 | 363.8 |
| 50°    | 698.4  | 758.1  | 767.8  | 755.9  | 682.7  | 579.6 | 488.5 | 425.0 | 382.4 | 353.3 | 334.6 |
| 52.5°  | 613.2  | 682.7  | 700.6  | 694.6  | 630.4  | 533.3 | 447.4 | 385.4 | 346.6 | 321.2 | 304.7 |
| 55°    | 531.8  | 612.5  | 631.9  | 634.1  | 574.4  | 482.5 | 401.9 | 347.3 | 310.0 | 292.8 | 278.6 |
| 57.5°  | 454.9  | 532.6  | 554.2  | 558.0  | 517.6  | 436.2 | 359.3 | 311.5 | 277.9 | 263.7 | 252.5 |
| 60°    | 389.2  | 454.1  | 482.5  | 490.7  | 455.6  | 382.4 | 319.7 | 273.4 | 248.0 | 234.5 | 224.1 |
| 62.5°  | 335.4  | 387.7  | 417.5  | 419.8  | 404.1  | 335.4 | 278.6 | 239.8 | 218.1 | 206.2 | 200.9 |
| 65°    | 283.1  | 330.1  | 348.1  | 357.0  | 344.3  | 290.6 | 240.5 | 208.4 | 191.2 | 180.8 | 175.5 |
| 67.5°  | 241.3  | 271.1  | 286.1  | 298.0  | 285.3  | 245.0 | 204.7 | 178.5 | 165.8 | 155.4 | 152.4 |
| 70°    | 197.9  | 222.6  | 233.8  | 245.7  | 234.5  | 203.9 | 174.8 | 150.9 | 139.7 | 131.5 | 127.7 |
| 72.5°  | 158.3  | 177.8  | 188.2  | 195.7  | 189.0  | 163.6 | 139.7 | 123.2 | 115.0 | 109.1 | 106.8 |
| 75°    | 125.5  | 138.9  | 144.9  | 150.1  | 147.1  | 127.7 | 112.8 | 99.3  | 91.9  | 86.6  | 85.2  |
| 77.5°  | 95.6   | 105.3  | 112.0  | 113.5  | 109.8  | 97.1  | 84.4  | 76.2  | 70.2  | 67.2  | 65.7  |
| 80°    | 68.0   | 73.9   | 77.7   | 79.9   | 76.2   | 71.0  | 62.0  | 56.0  | 50.8  | 47.1  | 46.3  |
| 82.5°  | 45.6   | 48.6   | 51.5   | 50.8   | 49.3   | 44.8  | 39.6  | 36.6  | 34.4  | 31.4  | 31.4  |
| 85°    | 26.1   | 26.9   | 28.4   | 29.1   | 28.4   | 25.4  | 22.4  | 20.9  | 19.4  | 17.2  | 17.2  |
| 87.5°  | 11.2   | 12.0   | 12.0   | 12.7   | 11.2   | 11.2  | 9.7   | 8.2   | 8.2   | 7.5   | 6.7   |
| 90°    | 20.2   | 15.3   | 12.9   | 11.6   | 8.9    | 6.3   | 3.6   | 1.0   | 3.6   | 6.3   | 8.9   |
| 92.5°  | 30.1   | 29.9   | 29.8   | 28.9   | 27.1   | 25.4  | 23.6  | 21.8  | 23.6  | 25.4  | 27.1  |
| 95°    | 62.2   | 61.7   | 61.5   | 60.4   | 58.2   | 56.0  | 53.8  | 51.6  | 53.8  | 56.0  | 58.2  |
| 97.5°  | 96.6   | 95.7   | 95.3   | 94.3   | 92.3   | 90.3  | 88.3  | 86.3  | 88.3  | 90.3  | 92.3  |
| 100°   | 135.0  | 134.3  | 134.0  | 133.1  | 131.3  | 129.6 | 127.8 | 126.0 | 127.8 | 129.6 | 131.3 |
| 102.5° | 175.0  | 174.1  | 173.7  | 173.0  | 171.7  | 170.4 | 169.0 | 167.7 | 169.0 | 170.4 | 171.7 |
| 105°   | 217.0  | 216.5  | 216.3  | 216.0  | 215.3  | 214.7 | 214.0 | 213.4 | 214.0 | 214.7 | 215.3 |
| 107.5° | 263.0  | 263.0  | 263.0  | 262.6  | 261.7  | 260.8 | 259.9 | 259.0 | 259.9 | 260.8 | 261.7 |
| 110°   | 308.6  | 308.6  | 308.6  | 307.9  | 306.6  | 305.3 | 304.0 | 302.7 | 304.0 | 305.3 | 306.6 |

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CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 355.9  | 356.1  | 356.2  | 355.5  | 354.2  | 352.9  | 351.6  | 350.3  | 351.6  | 352.9  | 354.2  |
| 115°   | 402.2  | 402.7  | 402.9  | 402.2  | 400.9  | 399.6  | 398.2  | 396.9  | 398.2  | 399.6  | 400.9  |
| 117.5° | 449.9  | 451.0  | 451.5  | 450.6  | 448.9  | 447.1  | 445.4  | 443.6  | 445.4  | 447.1  | 448.9  |
| 120°   | 495.5  | 497.3  | 498.2  | 497.3  | 495.5  | 493.8  | 492.0  | 490.2  | 492.0  | 493.8  | 495.5  |
| 122.5° | 541.1  | 542.2  | 542.8  | 541.7  | 539.5  | 537.3  | 535.1  | 532.9  | 535.1  | 537.3  | 539.5  |
| 125°   | 585.5  | 586.2  | 586.5  | 585.5  | 583.5  | 581.5  | 579.5  | 577.5  | 579.5  | 581.5  | 583.5  |
| 127.5° | 630.8  | 631.7  | 632.1  | 630.9  | 628.5  | 626.0  | 623.6  | 621.2  | 623.6  | 626.0  | 628.5  |
| 130°   | 674.1  | 674.6  | 674.8  | 673.4  | 670.5  | 667.6  | 664.8  | 661.9  | 664.8  | 667.6  | 670.5  |
| 132.5° | 717.8  | 717.6  | 717.5  | 716.4  | 714.2  | 711.9  | 709.7  | 707.5  | 709.7  | 711.9  | 714.2  |
| 135°   | 758.8  | 758.3  | 758.1  | 756.9  | 754.5  | 752.0  | 749.6  | 747.2  | 749.6  | 752.0  | 754.5  |
| 137.5° | 800.5  | 800.0  | 799.8  | 798.8  | 796.8  | 794.9  | 792.9  | 790.9  | 792.9  | 794.9  | 796.8  |
| 140°   | 840.2  | 839.1  | 838.5  | 837.5  | 835.5  | 833.6  | 831.6  | 829.6  | 831.6  | 833.6  | 835.5  |
| 142.5° | 879.2  | 878.5  | 878.2  | 877.2  | 875.2  | 873.3  | 871.3  | 869.3  | 871.3  | 873.3  | 875.2  |
| 145°   | 915.9  | 914.6  | 913.9  | 913.1  | 911.6  | 910.1  | 908.5  | 907.0  | 908.5  | 910.1  | 911.6  |
| 147.5° | 951.0  | 950.1  | 949.7  | 948.7  | 946.7  | 944.7  | 942.7  | 940.7  | 942.7  | 944.7  | 946.7  |
| 150°   | 982.7  | 981.8  | 981.4  | 980.7  | 979.4  | 978.1  | 976.8  | 975.5  | 976.8  | 978.1  | 979.4  |
| 152.5° | 1013.8 | 1012.7 | 1012.2 | 1011.5 | 1010.2 | 1008.9 | 1007.5 | 1006.2 | 1007.5 | 1008.9 | 1010.2 |
| 155°   | 1041.0 | 1040.3 | 1040.0 | 1039.7 | 1039.0 | 1038.3 | 1037.7 | 1037.0 | 1037.7 | 1038.3 | 1039.0 |
| 157.5° | 1066.5 | 1066.0 | 1065.8 | 1065.6 | 1065.1 | 1064.7 | 1064.2 | 1063.8 | 1064.2 | 1064.7 | 1065.1 |
| 160°   | 1089.9 | 1089.7 | 1089.6 | 1089.4 | 1088.9 | 1088.5 | 1088.0 | 1087.6 | 1088.0 | 1088.5 | 1088.9 |
| 162.5° | 1109.7 | 1109.5 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 | 1109.4 |
| 165°   | 1127.3 | 1127.3 | 1127.3 | 1127.4 | 1127.6 | 1127.9 | 1128.1 | 1128.3 | 1128.1 | 1127.9 | 1127.6 |
| 167.5° | 1142.2 | 1142.2 | 1142.2 | 1142.5 | 1143.2 | 1143.9 | 1144.5 | 1145.2 | 1144.5 | 1143.9 | 1143.2 |
| 170°   | 1154.8 | 1155.0 | 1155.1 | 1155.4 | 1156.1 | 1156.8 | 1157.4 | 1158.1 | 1157.4 | 1156.8 | 1156.1 |
| 172.5° | 1163.7 | 1163.9 | 1164.0 | 1164.3 | 1165.0 | 1165.7 | 1166.3 | 1167.0 | 1166.3 | 1165.7 | 1165.0 |
| 175°   | 1170.3 | 1170.8 | 1171.0 | 1171.3 | 1172.0 | 1172.6 | 1173.3 | 1173.9 | 1173.3 | 1172.6 | 1172.0 |
| 177.5° | 1174.2 | 1174.7 | 1174.9 | 1175.2 | 1175.9 | 1176.6 | 1177.2 | 1177.9 | 1177.2 | 1176.6 | 1175.9 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 971.8 | 971.8  | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 |
| 2.5°   | 961.3 | 965.0  | 964.3 | 956.8 | 948.6 | 941.9 | 929.2 | 930.7 | 926.2 | 926.9 | 931.4 |
| 5°     | 937.4 | 937.4  | 934.4 | 924.0 | 910.5 | 903.0 | 888.9 | 885.1 | 876.2 | 875.4 | 874.7 |
| 7.5°   | 912.0 | 908.3  | 904.5 | 889.6 | 873.2 | 861.2 | 841.8 | 837.3 | 828.3 | 822.4 | 819.4 |
| 10°    | 882.1 | 876.9  | 869.4 | 852.3 | 832.1 | 817.1 | 797.0 | 791.0 | 773.8 | 766.4 | 761.9 |
| 12.5°  | 849.3 | 846.3  | 834.3 | 820.1 | 787.3 | 770.8 | 741.7 | 747.7 | 730.5 | 715.6 | 713.3 |
| 15°    | 816.4 | 805.2  | 798.5 | 775.3 | 735.7 | 728.3 | 705.1 | 693.2 | 677.5 | 665.5 | 665.5 |
| 17.5°  | 784.3 | 767.1  | 752.2 | 727.5 | 698.4 | 677.5 | 660.3 | 654.3 | 634.9 | 622.9 | 620.7 |
| 20°    | 741.7 | 722.3  | 718.6 | 683.4 | 663.3 | 640.1 | 623.7 | 608.8 | 594.6 | 589.3 | 585.6 |
| 22.5°  | 701.4 | 679.0  | 673.0 | 643.1 | 622.9 | 599.8 | 583.4 | 572.9 | 562.4 | 558.7 | 552.0 |
| 25°    | 658.0 | 644.6  | 635.6 | 603.5 | 581.1 | 559.5 | 548.2 | 540.8 | 531.1 | 530.3 | 525.8 |
| 27.5°  | 616.2 | 603.5  | 594.6 | 563.9 | 547.5 | 527.3 | 518.4 | 510.2 | 504.9 | 502.7 | 500.4 |
| 30°    | 580.4 | 566.2  | 555.7 | 533.3 | 513.1 | 496.7 | 489.2 | 484.0 | 481.0 | 477.3 | 476.5 |
| 32.5°  | 540.8 | 532.6  | 518.4 | 501.2 | 485.5 | 469.8 | 465.3 | 461.6 | 457.1 | 455.6 | 454.9 |
| 35°    | 507.2 | 496.0  | 487.0 | 467.6 | 460.9 | 447.4 | 442.2 | 439.2 | 433.2 | 431.7 | 430.2 |
| 37.5°  | 474.3 | 463.8  | 454.1 | 442.2 | 429.5 | 422.0 | 419.0 | 414.5 | 411.6 | 412.3 | 410.8 |
| 40°    | 441.4 | 433.2  | 425.8 | 413.1 | 405.6 | 401.9 | 395.9 | 391.4 | 389.9 | 390.6 | 389.9 |
| 42.5°  | 409.3 | 401.9  | 397.4 | 387.7 | 380.2 | 376.5 | 372.7 | 368.2 | 370.5 | 370.5 | 372.7 |
| 45°    | 380.2 | 373.5  | 370.5 | 363.0 | 358.5 | 352.6 | 348.8 | 348.1 | 351.1 | 350.3 | 350.3 |
| 47.5°  | 350.3 | 348.1  | 344.3 | 337.6 | 331.6 | 327.9 | 327.2 | 327.2 | 330.1 | 331.6 | 330.9 |
| 50°    | 327.2 | 322.7  | 318.2 | 313.0 | 308.5 | 307.0 | 304.7 | 306.2 | 309.2 | 309.2 | 310.7 |
| 52.5°  | 298.0 | 295.0  | 293.5 | 289.1 | 286.1 | 286.1 | 286.1 | 286.8 | 289.1 | 291.3 | 290.6 |
| 55°    | 272.6 | 270.4  | 268.9 | 266.7 | 262.9 | 263.7 | 262.9 | 264.4 | 266.7 | 268.9 | 270.4 |
| 57.5°  | 245.7 | 245.0  | 243.5 | 239.8 | 239.8 | 239.0 | 241.3 | 242.0 | 245.7 | 247.2 | 249.5 |
| 60°    | 221.8 | 219.6  | 219.6 | 216.6 | 216.6 | 216.6 | 218.9 | 221.1 | 224.1 | 224.8 | 226.3 |
| 62.5°  | 196.4 | 196.4  | 195.7 | 193.5 | 193.5 | 195.7 | 196.4 | 199.4 | 200.9 | 200.9 | 203.2 |
| 65°    | 172.5 | 171.8  | 171.0 | 171.8 | 172.5 | 172.5 | 174.8 | 176.3 | 177.8 | 178.5 | 179.3 |
| 67.5°  | 148.6 | 147.9  | 149.4 | 148.6 | 150.1 | 153.1 | 152.4 | 154.6 | 156.9 | 156.9 | 157.6 |
| 70°    | 126.2 | 127.7  | 127.0 | 128.5 | 127.7 | 129.2 | 131.5 | 132.2 | 132.2 | 133.0 | 135.2 |
| 72.5°  | 105.3 | 105.3  | 105.3 | 104.6 | 105.3 | 106.8 | 108.3 | 109.1 | 110.5 | 111.3 | 113.5 |
| 75°    | 85.2  | 85.2   | 83.7  | 85.2  | 85.2  | 86.6  | 88.1  | 88.1  | 88.1  | 89.6  | 91.9  |
| 77.5°  | 64.2  | 65.0   | 64.2  | 65.7  | 65.7  | 66.5  | 68.0  | 67.2  | 68.7  | 69.5  | 70.2  |
| 80°    | 47.1  | 46.3   | 46.3  | 46.3  | 47.1  | 47.1  | 48.6  | 49.3  | 49.3  | 51.5  | 50.0  |
| 82.5°  | 29.9  | 30.6   | 29.9  | 30.6  | 30.6  | 31.4  | 30.6  | 31.4  | 32.1  | 33.6  | 32.9  |
| 85°    | 17.2  | 16.4   | 16.4  | 17.2  | 16.4  | 16.4  | 17.2  | 16.4  | 17.2  | 16.4  | 17.2  |
| 87.5°  | 6.7   | 6.0    | 6.0   | 6.0   | 6.0   | 5.2   | 5.2   | 4.5   | 4.5   | 4.5   | 3.7   |
| 90°    | 11.6  | 12.9   | 15.3  | 20.2  | 25.0  | 29.9  | 34.7  | 34.3  | 33.8  | 33.4  | 32.9  |
| 92.5°  | 28.9  | 29.8   | 29.9  | 30.1  | 30.4  | 30.6  | 30.8  | 31.0  | 31.2  | 31.5  | 31.7  |
| 95°    | 60.4  | 61.5   | 61.7  | 62.2  | 62.6  | 63.1  | 63.5  | 63.5  | 63.5  | 63.5  | 63.5  |
| 97.5°  | 94.3  | 95.3   | 95.7  | 96.6  | 97.5  | 98.3  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| 100°   | 133.1 | 134.0  | 134.3 | 135.0 | 135.6 | 136.3 | 136.9 | 136.9 | 136.9 | 136.9 | 136.9 |
| 102.5° | 173.0 | 173.7  | 174.1 | 175.0 | 175.9 | 176.7 | 177.6 | 177.8 | 178.0 | 178.3 | 178.5 |
| 105°   | 216.0 | 216.3  | 216.5 | 217.0 | 217.4 | 217.9 | 218.3 | 218.7 | 219.2 | 219.6 | 220.1 |
| 107.5° | 262.6 | 263.0  | 263.0 | 263.0 | 263.0 | 263.0 | 263.0 | 263.2 | 263.4 | 263.7 | 263.9 |
| 110°   | 307.9 | 308.6  | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 |

TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 355.5  | 356.2  | 356.1  | 355.9  | 355.7  | 355.5  | 355.3  | 354.6  | 354.0  | 353.3  | 352.6  |
| 115°   | 402.2  | 402.9  | 402.7  | 402.2  | 401.8  | 401.3  | 400.9  | 400.7  | 400.5  | 400.2  | 400.0  |
| 117.5° | 450.6  | 451.5  | 451.0  | 449.9  | 448.8  | 447.7  | 446.6  | 445.9  | 445.3  | 444.6  | 443.9  |
| 120°   | 497.3  | 498.2  | 497.3  | 495.5  | 493.8  | 492.0  | 490.2  | 490.2  | 490.2  | 490.2  | 490.2  |
| 122.5° | 541.7  | 542.8  | 542.2  | 541.1  | 540.0  | 538.9  | 537.8  | 537.2  | 536.5  | 535.9  | 535.2  |
| 125°   | 585.5  | 586.5  | 586.2  | 585.5  | 584.8  | 584.2  | 583.5  | 582.8  | 582.2  | 581.5  | 580.8  |
| 127.5° | 630.9  | 632.1  | 631.7  | 630.8  | 629.9  | 629.1  | 628.2  | 627.3  | 626.4  | 625.5  | 624.6  |
| 130°   | 673.4  | 674.8  | 674.6  | 674.1  | 673.7  | 673.2  | 672.8  | 672.4  | 671.9  | 671.5  | 671.0  |
| 132.5° | 716.4  | 717.5  | 717.6  | 717.8  | 718.1  | 718.3  | 718.5  | 717.4  | 716.3  | 715.2  | 714.1  |
| 135°   | 756.9  | 758.1  | 758.3  | 758.8  | 759.2  | 759.7  | 760.1  | 759.9  | 759.7  | 759.4  | 759.2  |
| 137.5° | 798.8  | 799.8  | 800.0  | 800.5  | 800.9  | 801.4  | 801.8  | 801.6  | 801.4  | 801.1  | 800.9  |
| 140°   | 837.5  | 838.5  | 839.1  | 840.2  | 841.3  | 842.4  | 843.5  | 843.5  | 843.5  | 843.5  | 843.5  |
| 142.5° | 877.2  | 878.2  | 878.5  | 879.2  | 879.9  | 880.5  | 881.2  | 881.4  | 881.6  | 881.9  | 882.1  |
| 145°   | 913.1  | 913.9  | 914.6  | 915.9  | 917.2  | 918.6  | 919.9  | 920.1  | 920.3  | 920.6  | 920.8  |
| 147.5° | 948.7  | 949.7  | 950.1  | 951.0  | 951.9  | 952.7  | 953.6  | 954.0  | 954.5  | 954.9  | 955.4  |
| 150°   | 980.7  | 981.4  | 981.8  | 982.7  | 983.6  | 984.5  | 985.4  | 986.1  | 986.7  | 987.4  | 988.1  |
| 152.5° | 1011.5 | 1012.2 | 1012.7 | 1013.8 | 1014.9 | 1016.0 | 1017.1 | 1018.0 | 1018.9 | 1019.8 | 1020.7 |
| 155°   | 1039.7 | 1040.0 | 1040.3 | 1041.0 | 1041.6 | 1042.3 | 1042.9 | 1044.0 | 1045.1 | 1046.2 | 1047.3 |
| 157.5° | 1065.6 | 1065.8 | 1066.0 | 1066.5 | 1066.9 | 1067.4 | 1067.8 | 1069.3 | 1070.9 | 1072.4 | 1073.9 |
| 160°   | 1089.4 | 1089.6 | 1089.7 | 1089.9 | 1090.2 | 1090.4 | 1090.6 | 1091.9 | 1093.2 | 1094.5 | 1095.8 |
| 162.5° | 1109.4 | 1109.4 | 1109.5 | 1109.7 | 1110.0 | 1110.2 | 1110.4 | 1112.0 | 1113.5 | 1115.1 | 1116.6 |
| 165°   | 1127.4 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1128.8 | 1130.4 | 1131.9 | 1133.4 |
| 167.5° | 1142.5 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1143.7 | 1145.3 | 1146.8 | 1148.3 |
| 170°   | 1155.4 | 1155.1 | 1155.0 | 1154.8 | 1154.5 | 1154.3 | 1154.1 | 1155.6 | 1157.2 | 1158.7 | 1160.2 |
| 172.5° | 1164.3 | 1164.0 | 1163.9 | 1163.7 | 1163.4 | 1163.2 | 1163.0 | 1164.6 | 1166.1 | 1167.7 | 1169.2 |
| 175°   | 1171.3 | 1171.0 | 1170.8 | 1170.3 | 1169.9 | 1169.4 | 1169.0 | 1170.5 | 1172.1 | 1173.6 | 1175.1 |
| 177.5° | 1175.2 | 1174.9 | 1174.7 | 1174.2 | 1173.8 | 1173.3 | 1172.9 | 1174.2 | 1175.6 | 1176.9 | 1178.2 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 971.8  | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8  |
| 2.5°   | 926.2  | 928.4 | 923.2 | 921.7 | 923.2 | 918.0 | 919.5 | 921.0 | 921.0 | 923.2 | 924.7  |
| 5°     | 872.4  | 869.4 | 864.2 | 862.7 | 861.2 | 863.5 | 862.0 | 864.2 | 864.9 | 870.2 | 870.9  |
| 7.5°   | 819.4  | 814.9 | 810.4 | 805.9 | 804.4 | 800.7 | 804.4 | 804.4 | 809.7 | 808.2 | 811.9  |
| 10°    | 756.6  | 755.9 | 749.9 | 747.7 | 744.7 | 738.7 | 746.9 | 744.7 | 748.4 | 755.1 | 756.6  |
| 12.5°  | 710.3  | 702.1 | 705.9 | 695.4 | 699.1 | 693.2 | 693.9 | 693.9 | 699.9 | 700.6 | 699.1  |
| 15°    | 666.3  | 659.5 | 649.8 | 645.4 | 643.1 | 640.1 | 649.8 | 650.6 | 646.1 | 656.6 | 652.8  |
| 17.5°  | 621.4  | 621.4 | 612.5 | 610.2 | 604.3 | 607.3 | 605.8 | 606.5 | 605.0 | 612.5 | 616.2  |
| 20°    | 582.6  | 578.9 | 575.9 | 576.6 | 569.2 | 567.7 | 566.2 | 567.7 | 572.9 | 578.1 | 579.6  |
| 22.5°  | 551.2  | 549.0 | 541.5 | 543.0 | 537.0 | 539.3 | 537.8 | 541.5 | 542.3 | 542.3 | 547.5  |
| 25°    | 521.4  | 518.4 | 519.1 | 516.1 | 513.9 | 513.9 | 511.6 | 513.9 | 516.9 | 518.4 | 519.1  |
| 27.5°  | 499.0  | 496.7 | 493.0 | 490.7 | 492.2 | 488.5 | 491.5 | 493.7 | 493.7 | 492.2 | 493.7  |
| 30°    | 472.1  | 473.6 | 473.6 | 466.1 | 469.1 | 467.6 | 469.8 | 471.3 | 471.3 | 472.1 | 470.6  |
| 32.5°  | 454.1  | 449.7 | 448.9 | 448.2 | 448.2 | 445.2 | 445.2 | 447.4 | 448.2 | 448.9 | 451.1  |
| 35°    | 430.2  | 430.2 | 426.5 | 428.7 | 425.8 | 426.5 | 425.8 | 426.5 | 428.0 | 425.8 | 428.0  |
| 37.5°  | 408.6  | 409.3 | 407.8 | 409.3 | 410.1 | 408.6 | 407.1 | 410.1 | 408.6 | 408.6 | 407.1  |
| 40°    | 389.9  | 389.2 | 389.9 | 389.9 | 389.9 | 390.6 | 389.2 | 389.2 | 389.2 | 387.7 | 386.2  |
| 42.5°  | 374.2  | 369.7 | 371.2 | 372.0 | 369.7 | 369.7 | 370.5 | 369.7 | 372.0 | 367.5 | 367.5  |
| 45°    | 351.8  | 350.3 | 351.1 | 351.1 | 352.6 | 350.3 | 351.8 | 352.6 | 350.3 | 349.6 | 348.1  |
| 47.5°  | 331.6  | 333.1 | 331.6 | 333.1 | 333.1 | 334.6 | 331.6 | 332.4 | 333.1 | 330.1 | 327.9  |
| 50°    | 311.5  | 311.5 | 313.7 | 313.0 | 313.7 | 312.2 | 312.2 | 311.5 | 312.2 | 310.7 | 308.5  |
| 52.5°  | 292.8  | 290.6 | 294.3 | 293.5 | 292.8 | 292.1 | 291.3 | 292.1 | 290.6 | 289.1 | 289.1  |
| 55°    | 269.6  | 269.6 | 271.9 | 272.6 | 272.6 | 271.1 | 269.6 | 270.4 | 269.6 | 268.9 | 268.1  |
| 57.5°  | 251.0  | 248.0 | 249.5 | 250.2 | 250.2 | 248.0 | 249.5 | 248.0 | 248.0 | 248.7 | 246.5  |
| 60°    | 227.1  | 227.1 | 225.6 | 227.8 | 227.8 | 226.3 | 226.3 | 227.1 | 225.6 | 224.8 | 224.1  |
| 62.5°  | 201.7  | 202.4 | 204.7 | 205.4 | 206.2 | 204.7 | 203.2 | 203.9 | 203.9 | 201.7 | 202.4  |
| 65°    | 180.0  | 181.5 | 184.5 | 183.7 | 182.3 | 183.0 | 181.5 | 182.3 | 180.0 | 180.8 | 178.5  |
| 67.5°  | 159.1  | 158.3 | 159.1 | 159.1 | 160.6 | 159.8 | 158.3 | 158.3 | 157.6 | 159.8 | 157.6  |
| 70°    | 136.7  | 136.7 | 136.7 | 136.7 | 137.4 | 138.2 | 136.7 | 135.2 | 135.9 | 134.4 | 133.7  |
| 72.5°  | 113.5  | 114.3 | 113.5 | 115.0 | 112.8 | 114.3 | 114.3 | 113.5 | 112.8 | 112.8 | 112.8  |
| 75°    | 91.9   | 93.4  | 91.1  | 91.9  | 91.1  | 92.6  | 91.9  | 91.9  | 90.4  | 89.6  | 90.4   |
| 77.5°  | 70.2   | 71.0  | 69.5  | 70.2  | 69.5  | 70.2  | 70.2  | 69.5  | 69.5  | 69.5  | 69.5   |
| 80°    | 50.0   | 50.8  | 50.0  | 49.3  | 48.6  | 50.0  | 48.6  | 49.3  | 50.0  | 49.3  | 50.8   |
| 82.5°  | 32.1   | 32.1  | 31.4  | 32.1  | 30.6  | 30.6  | 31.4  | 31.4  | 30.6  | 32.1  | 30.6   |
| 85°    | 15.7   | 15.7  | 17.2  | 15.7  | 14.9  | 14.9  | 14.9  | 15.7  | 14.9  | 16.4  | 15.7   |
| 87.5°  | 3.7    | 3.0   | 3.7   | 3.7   | 3.0   | 3.0   | 3.7   | 3.0   | 3.7   | 4.5   | 3.0    |
| 90°    | 32.7   | 32.8  | 33.0  | 33.3  | 33.5  | 33.7  | 33.5  | 33.3  | 33.0  | 32.8  | 32.7   |
| 92.5°  | 31.8   | 31.8  | 31.8  | 31.8  | 31.8  | 31.8  | 31.8  | 31.8  | 31.8  | 31.8  | 31.8   |
| 95°    | 63.5   | 63.3  | 62.8  | 62.4  | 61.9  | 61.5  | 61.9  | 62.4  | 62.8  | 63.3  | 63.5   |
| 97.5°  | 99.2   | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   |
| 100°   | 136.9  | 136.8 | 136.6 | 136.4 | 136.2 | 136.0 | 136.2 | 136.4 | 136.6 | 136.8 | 136.9  |
| 102.5° | 178.6  | 178.5 | 178.3 | 178.0 | 177.8 | 177.6 | 177.8 | 178.0 | 178.3 | 178.5 | 178.6  |
| 105°   | 220.3  | 220.3 | 220.3 | 220.3 | 220.3 | 220.3 | 220.3 | 220.3 | 220.3 | 220.3 | 220.3  |
| 107.5° | 264.0  | 263.4 | 262.3 | 261.2 | 260.1 | 259.0 | 260.1 | 261.2 | 262.3 | 263.4 | 264.0  |
| 110°   | 308.6  | 308.3 | 307.6 | 306.9 | 306.3 | 305.6 | 306.3 | 306.9 | 307.6 | 308.3 | 308.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 352.3  | 352.1  | 351.6  | 351.2  | 350.7  | 350.3  | 350.7  | 351.2  | 351.6  | 352.1  | 352.3  |
| 115°   | 399.9  | 399.6  | 398.9  | 398.2  | 397.6  | 396.9  | 397.6  | 398.2  | 398.9  | 399.6  | 399.9  |
| 117.5° | 443.6  | 443.3  | 442.6  | 441.9  | 441.3  | 440.6  | 441.3  | 441.9  | 442.6  | 443.3  | 443.6  |
| 120°   | 490.2  | 489.9  | 489.2  | 488.5  | 487.9  | 487.2  | 487.9  | 488.5  | 489.2  | 489.9  | 490.2  |
| 122.5° | 534.9  | 534.7  | 534.2  | 533.8  | 533.3  | 532.9  | 533.3  | 533.8  | 534.2  | 534.7  | 534.9  |
| 125°   | 580.5  | 580.4  | 580.2  | 579.9  | 579.7  | 579.5  | 579.7  | 579.9  | 580.2  | 580.4  | 580.5  |
| 127.5° | 624.2  | 623.9  | 623.2  | 622.5  | 621.9  | 621.2  | 621.9  | 622.5  | 623.2  | 623.9  | 624.2  |
| 130°   | 670.8  | 670.4  | 669.5  | 668.6  | 667.8  | 666.9  | 667.8  | 668.6  | 669.5  | 670.4  | 670.8  |
| 132.5° | 713.5  | 713.2  | 712.5  | 711.8  | 711.2  | 710.5  | 711.2  | 711.8  | 712.5  | 713.2  | 713.5  |
| 135°   | 759.1  | 758.8  | 758.1  | 757.5  | 756.8  | 756.2  | 756.8  | 757.5  | 758.1  | 758.8  | 759.1  |
| 137.5° | 800.8  | 800.4  | 799.5  | 798.6  | 797.7  | 796.8  | 797.7  | 798.6  | 799.5  | 800.4  | 800.8  |
| 140°   | 843.5  | 843.1  | 842.2  | 841.3  | 840.4  | 839.5  | 840.4  | 841.3  | 842.2  | 843.1  | 843.5  |
| 142.5° | 882.2  | 881.8  | 880.9  | 880.0  | 879.1  | 878.2  | 879.1  | 880.0  | 880.9  | 881.8  | 882.2  |
| 145°   | 920.9  | 920.5  | 919.6  | 918.7  | 917.8  | 916.9  | 917.8  | 918.7  | 919.6  | 920.5  | 920.9  |
| 147.5° | 955.6  | 955.2  | 954.3  | 953.4  | 952.6  | 951.7  | 952.6  | 953.4  | 954.3  | 955.2  | 955.6  |
| 150°   | 988.4  | 988.1  | 987.4  | 986.7  | 986.1  | 985.4  | 986.1  | 986.7  | 987.4  | 988.1  | 988.4  |
| 152.5° | 1021.1 | 1020.7 | 1019.8 | 1018.9 | 1018.0 | 1017.1 | 1018.0 | 1018.9 | 1019.8 | 1020.7 | 1021.1 |
| 155°   | 1047.9 | 1047.6 | 1046.9 | 1046.2 | 1045.6 | 1044.9 | 1045.6 | 1046.2 | 1046.9 | 1047.6 | 1047.9 |
| 157.5° | 1074.7 | 1074.1 | 1073.0 | 1071.9 | 1070.8 | 1069.7 | 1070.8 | 1071.9 | 1073.0 | 1074.1 | 1074.7 |
| 160°   | 1096.5 | 1096.1 | 1095.2 | 1094.3 | 1093.5 | 1092.6 | 1093.5 | 1094.3 | 1095.2 | 1096.1 | 1096.5 |
| 162.5° | 1117.4 | 1116.8 | 1115.7 | 1114.6 | 1113.5 | 1112.4 | 1113.5 | 1114.6 | 1115.7 | 1116.8 | 1117.4 |
| 165°   | 1134.2 | 1133.7 | 1132.6 | 1131.5 | 1130.4 | 1129.3 | 1130.4 | 1131.5 | 1132.6 | 1133.7 | 1134.2 |
| 167.5° | 1149.1 | 1148.6 | 1147.5 | 1146.4 | 1145.3 | 1144.2 | 1145.3 | 1146.4 | 1147.5 | 1148.6 | 1149.1 |
| 170°   | 1161.0 | 1160.3 | 1159.0 | 1157.7 | 1156.4 | 1155.1 | 1156.4 | 1157.7 | 1159.0 | 1160.3 | 1161.0 |
| 172.5° | 1170.0 | 1169.3 | 1168.0 | 1166.7 | 1165.3 | 1164.0 | 1165.3 | 1166.7 | 1168.0 | 1169.3 | 1170.0 |
| 175°   | 1175.9 | 1175.2 | 1173.9 | 1172.6 | 1171.3 | 1170.0 | 1171.3 | 1172.6 | 1173.9 | 1175.2 | 1175.9 |
| 177.5° | 1178.9 | 1178.2 | 1176.9 | 1175.6 | 1174.2 | 1172.9 | 1174.2 | 1175.6 | 1176.9 | 1178.2 | 1178.9 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

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CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8 | 971.8  | 971.8 |
| 2.5°   | 922.5 | 928.4 | 926.2 | 918.0 | 927.7 | 927.7 | 934.4 | 934.4 | 942.6 | 945.6  | 950.1 |
| 5°     | 870.2 | 874.7 | 878.4 | 874.7 | 881.4 | 891.8 | 897.8 | 903.0 | 914.2 | 918.7  | 925.5 |
| 7.5°   | 814.2 | 822.4 | 826.1 | 826.1 | 837.3 | 849.3 | 861.2 | 868.7 | 884.4 | 890.3  | 897.1 |
| 10°    | 759.6 | 769.3 | 776.8 | 776.1 | 794.7 | 802.2 | 817.1 | 834.3 | 850.0 | 859.0  | 868.7 |
| 12.5°  | 702.1 | 707.3 | 717.8 | 732.7 | 737.2 | 750.7 | 767.8 | 789.5 | 817.9 | 826.1  | 840.3 |
| 15°    | 654.3 | 668.5 | 676.7 | 683.4 | 693.9 | 706.6 | 725.3 | 746.2 | 774.6 | 792.5  | 807.4 |
| 17.5°  | 614.0 | 632.7 | 637.9 | 636.4 | 649.8 | 669.3 | 690.9 | 706.6 | 732.0 | 753.7  | 767.8 |
| 20°    | 581.1 | 588.6 | 597.5 | 601.3 | 611.7 | 632.7 | 653.6 | 671.5 | 692.4 | 709.6  | 726.0 |
| 22.5°  | 548.2 | 554.2 | 561.7 | 568.4 | 576.6 | 588.6 | 608.8 | 631.2 | 651.3 | 667.8  | 686.4 |
| 25°    | 521.4 | 525.1 | 531.8 | 537.0 | 546.0 | 554.2 | 568.4 | 593.1 | 617.0 | 626.7  | 643.1 |
| 27.5°  | 495.2 | 498.2 | 502.7 | 508.7 | 513.1 | 521.4 | 534.1 | 554.2 | 578.9 | 588.6  | 611.0 |
| 30°    | 472.1 | 474.3 | 478.8 | 481.8 | 484.0 | 493.7 | 503.4 | 519.1 | 537.8 | 551.2  | 567.7 |
| 32.5°  | 450.4 | 452.6 | 457.1 | 457.9 | 460.9 | 466.1 | 475.0 | 489.2 | 505.7 | 516.9  | 531.1 |
| 35°    | 426.5 | 428.0 | 432.5 | 434.0 | 436.2 | 440.7 | 447.4 | 457.9 | 472.8 | 481.0  | 493.7 |
| 37.5°  | 407.8 | 407.1 | 410.1 | 412.3 | 415.3 | 417.5 | 419.8 | 430.2 | 441.4 | 448.9  | 458.6 |
| 40°    | 387.7 | 386.2 | 386.9 | 389.9 | 391.4 | 394.4 | 394.4 | 404.8 | 412.3 | 418.3  | 425.8 |
| 42.5°  | 367.5 | 366.7 | 365.3 | 366.7 | 368.2 | 369.0 | 369.7 | 377.2 | 384.7 | 389.9  | 398.1 |
| 45°    | 347.3 | 346.6 | 345.1 | 345.8 | 345.8 | 347.3 | 349.6 | 352.6 | 357.8 | 362.3  | 366.7 |
| 47.5°  | 328.7 | 327.2 | 324.9 | 324.2 | 325.7 | 325.7 | 325.7 | 328.7 | 333.9 | 335.4  | 339.9 |
| 50°    | 309.2 | 307.0 | 304.0 | 302.5 | 302.5 | 301.8 | 303.3 | 304.0 | 308.5 | 310.0  | 313.7 |
| 52.5°  | 288.3 | 286.8 | 283.8 | 280.8 | 281.6 | 280.1 | 280.8 | 281.6 | 283.1 | 285.3  | 287.6 |
| 55°    | 267.4 | 264.4 | 262.2 | 261.4 | 259.2 | 259.2 | 256.9 | 259.9 | 259.2 | 259.9  | 262.9 |
| 57.5°  | 247.2 | 244.2 | 240.5 | 239.0 | 236.8 | 236.0 | 234.5 | 233.8 | 234.5 | 236.8  | 239.0 |
| 60°    | 223.3 | 221.8 | 219.6 | 217.4 | 215.9 | 213.6 | 212.1 | 212.1 | 211.4 | 211.4  | 212.1 |
| 62.5°  | 200.2 | 199.4 | 196.4 | 195.7 | 194.2 | 192.7 | 190.5 | 189.0 | 189.0 | 190.5  | 191.2 |
| 65°    | 177.8 | 177.0 | 174.8 | 174.0 | 170.3 | 168.8 | 168.1 | 167.3 | 165.8 | 165.8  | 165.8 |
| 67.5°  | 156.9 | 154.6 | 154.6 | 150.9 | 147.9 | 146.4 | 144.9 | 144.2 | 144.2 | 144.2  | 144.9 |
| 70°    | 133.7 | 133.7 | 131.5 | 129.2 | 126.2 | 127.0 | 124.7 | 122.5 | 122.5 | 121.0  | 121.8 |
| 72.5°  | 111.3 | 110.5 | 108.3 | 107.6 | 105.3 | 103.1 | 101.6 | 103.1 | 100.8 | 100.1  | 100.8 |
| 75°    | 89.6  | 88.9  | 87.4  | 85.9  | 86.6  | 84.4  | 82.2  | 81.4  | 81.4  | 79.9   | 79.9  |
| 77.5°  | 68.7  | 70.2  | 67.2  | 66.5  | 65.0  | 63.5  | 62.7  | 62.0  | 62.0  | 62.0   | 63.5  |
| 80°    | 47.8  | 48.6  | 48.6  | 47.1  | 47.8  | 45.6  | 45.6  | 45.6  | 43.3  | 44.1   | 44.8  |
| 82.5°  | 30.6  | 30.6  | 29.9  | 30.6  | 29.9  | 29.9  | 29.1  | 29.1  | 28.4  | 28.4   | 29.1  |
| 85°    | 17.2  | 16.4  | 15.7  | 17.2  | 16.4  | 16.4  | 15.7  | 15.7  | 15.7  | 15.7   | 15.7  |
| 87.5°  | 3.7   | 4.5   | 4.5   | 4.5   | 4.5   | 5.2   | 5.2   | 5.2   | 6.0   | 6.0    | 6.0   |
| 90°    | 32.9  | 33.4  | 33.8  | 34.3  | 34.7  | 29.9  | 25.0  | 20.2  | 15.3  | 12.9   | 11.6  |
| 92.5°  | 31.7  | 31.5  | 31.2  | 31.0  | 30.8  | 30.6  | 30.4  | 30.1  | 29.9  | 29.8   | 28.9  |
| 95°    | 63.5  | 63.5  | 63.5  | 63.5  | 63.5  | 63.1  | 62.6  | 62.2  | 61.7  | 61.5   | 60.4  |
| 97.5°  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 98.3  | 97.5  | 96.6  | 95.7  | 95.3   | 94.3  |
| 100°   | 136.9 | 136.9 | 136.9 | 136.9 | 136.9 | 136.3 | 135.6 | 135.0 | 134.3 | 134.0  | 133.1 |
| 102.5° | 178.5 | 178.3 | 178.0 | 177.8 | 177.6 | 176.7 | 175.9 | 175.0 | 174.1 | 173.7  | 173.0 |
| 105°   | 220.1 | 219.6 | 219.2 | 218.7 | 218.3 | 217.9 | 217.4 | 217.0 | 216.5 | 216.3  | 216.0 |
| 107.5° | 263.9 | 263.7 | 263.4 | 263.2 | 263.0 | 263.0 | 263.0 | 263.0 | 263.0 | 263.0  | 262.6 |
| 110°   | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6 | 308.6  | 307.9 |

TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 352.6  | 353.3  | 354.0  | 354.6  | 355.3  | 355.5  | 355.7  | 355.9  | 356.1  | 356.2  | 355.5  |
| 115°   | 400.0  | 400.2  | 400.5  | 400.7  | 400.9  | 401.3  | 401.8  | 402.2  | 402.7  | 402.9  | 402.2  |
| 117.5° | 443.9  | 444.6  | 445.3  | 445.9  | 446.6  | 447.7  | 448.8  | 449.9  | 451.0  | 451.5  | 450.6  |
| 120°   | 490.2  | 490.2  | 490.2  | 490.2  | 490.2  | 492.0  | 493.8  | 495.5  | 497.3  | 498.2  | 497.3  |
| 122.5° | 535.2  | 535.9  | 536.5  | 537.2  | 537.8  | 538.9  | 540.0  | 541.1  | 542.2  | 542.8  | 541.7  |
| 125°   | 580.8  | 581.5  | 582.2  | 582.8  | 583.5  | 584.2  | 584.8  | 585.5  | 586.2  | 586.5  | 585.5  |
| 127.5° | 624.6  | 625.5  | 626.4  | 627.3  | 628.2  | 629.1  | 629.9  | 630.8  | 631.7  | 632.1  | 630.9  |
| 130°   | 671.0  | 671.5  | 671.9  | 672.4  | 672.8  | 673.2  | 673.7  | 674.1  | 674.6  | 674.8  | 673.4  |
| 132.5° | 714.1  | 715.2  | 716.3  | 717.4  | 718.5  | 718.3  | 718.1  | 717.8  | 717.6  | 717.5  | 716.4  |
| 135°   | 759.2  | 759.4  | 759.7  | 759.9  | 760.1  | 759.7  | 759.2  | 758.8  | 758.3  | 758.1  | 756.9  |
| 137.5° | 800.9  | 801.1  | 801.4  | 801.6  | 801.8  | 801.4  | 800.9  | 800.5  | 800.0  | 799.8  | 798.8  |
| 140°   | 843.5  | 843.5  | 843.5  | 843.5  | 843.5  | 842.4  | 841.3  | 840.2  | 839.1  | 838.5  | 837.5  |
| 142.5° | 882.1  | 881.9  | 881.6  | 881.4  | 881.2  | 880.5  | 879.9  | 879.2  | 878.5  | 878.2  | 877.2  |
| 145°   | 920.8  | 920.6  | 920.3  | 920.1  | 919.9  | 918.6  | 917.2  | 915.9  | 914.6  | 913.9  | 913.1  |
| 147.5° | 955.4  | 954.9  | 954.5  | 954.0  | 953.6  | 952.7  | 951.9  | 951.0  | 950.1  | 949.7  | 948.7  |
| 150°   | 988.1  | 987.4  | 986.7  | 986.1  | 985.4  | 984.5  | 983.6  | 982.7  | 981.8  | 981.4  | 980.7  |
| 152.5° | 1020.7 | 1019.8 | 1018.9 | 1018.0 | 1017.1 | 1016.0 | 1014.9 | 1013.8 | 1012.7 | 1012.2 | 1011.5 |
| 155°   | 1047.3 | 1046.2 | 1045.1 | 1044.0 | 1042.9 | 1042.3 | 1041.6 | 1041.0 | 1040.3 | 1040.0 | 1039.7 |
| 157.5° | 1073.9 | 1072.4 | 1070.9 | 1069.3 | 1067.8 | 1067.4 | 1066.9 | 1066.5 | 1066.0 | 1065.8 | 1065.6 |
| 160°   | 1095.8 | 1094.5 | 1093.2 | 1091.9 | 1090.6 | 1090.4 | 1090.2 | 1089.9 | 1089.7 | 1089.6 | 1089.4 |
| 162.5° | 1116.6 | 1115.1 | 1113.5 | 1112.0 | 1110.4 | 1110.2 | 1110.0 | 1109.7 | 1109.5 | 1109.4 | 1109.4 |
| 165°   | 1133.4 | 1131.9 | 1130.4 | 1128.8 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.3 | 1127.4 |
| 167.5° | 1148.3 | 1146.8 | 1145.3 | 1143.7 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.2 | 1142.5 |
| 170°   | 1160.2 | 1158.7 | 1157.2 | 1155.6 | 1154.1 | 1154.3 | 1154.5 | 1154.8 | 1155.0 | 1155.1 | 1155.4 |
| 172.5° | 1169.2 | 1167.7 | 1166.1 | 1164.6 | 1163.0 | 1163.2 | 1163.4 | 1163.7 | 1163.9 | 1164.0 | 1164.3 |
| 175°   | 1175.1 | 1173.6 | 1172.1 | 1170.5 | 1169.0 | 1169.4 | 1169.9 | 1170.3 | 1170.8 | 1171.0 | 1171.3 |
| 177.5° | 1178.2 | 1176.9 | 1175.6 | 1174.2 | 1172.9 | 1173.3 | 1173.8 | 1174.2 | 1174.7 | 1174.9 | 1175.2 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 971.8 | 971.8 | 971.8 | 971.8 |
| 2.5°   | 953.8 | 953.8 | 965.0 | 977.0 |
| 5°     | 932.9 | 938.1 | 956.1 | 972.5 |
| 7.5°   | 912.8 | 921.7 | 944.1 | 965.0 |
| 10°    | 888.1 | 900.1 | 927.7 | 952.3 |
| 12.5°  | 864.2 | 875.4 | 907.5 | 935.2 |
| 15°    | 830.6 | 844.8 | 879.1 | 913.5 |
| 17.5°  | 797.0 | 811.2 | 853.0 | 893.3 |
| 20°    | 757.4 | 776.1 | 823.1 | 876.9 |
| 22.5°  | 720.8 | 743.9 | 796.2 | 839.6 |
| 25°    | 680.5 | 716.3 | 764.9 | 820.9 |
| 27.5°  | 644.6 | 680.5 | 729.8 | 786.5 |
| 30°    | 604.3 | 640.9 | 691.7 | 743.9 |
| 32.5°  | 565.4 | 599.0 | 648.3 | 712.6 |
| 35°    | 525.1 | 557.2 | 605.0 | 670.0 |
| 37.5°  | 488.5 | 519.9 | 572.2 | 631.9 |
| 40°    | 452.6 | 485.5 | 530.3 | 590.1 |
| 42.5°  | 419.0 | 448.2 | 488.5 | 548.2 |
| 45°    | 388.4 | 409.3 | 446.7 | 502.7 |
| 47.5°  | 356.3 | 375.0 | 409.3 | 465.3 |
| 50°    | 326.4 | 342.1 | 372.0 | 424.3 |
| 52.5°  | 297.3 | 310.7 | 338.4 | 380.2 |
| 55°    | 271.1 | 283.8 | 304.0 | 345.1 |
| 57.5°  | 244.2 | 254.0 | 273.4 | 306.2 |
| 60°    | 218.1 | 227.1 | 242.8 | 269.6 |
| 62.5°  | 192.0 | 199.4 | 214.4 | 236.0 |
| 65°    | 168.8 | 174.8 | 186.0 | 204.7 |
| 67.5°  | 146.4 | 150.1 | 159.1 | 174.0 |
| 70°    | 124.7 | 127.7 | 135.2 | 147.1 |
| 72.5°  | 101.6 | 104.6 | 112.8 | 121.0 |
| 75°    | 82.2  | 82.9  | 88.9  | 95.6  |
| 77.5°  | 64.2  | 63.5  | 68.0  | 73.2  |
| 80°    | 44.1  | 46.3  | 50.0  | 52.3  |
| 82.5°  | 29.9  | 30.6  | 32.1  | 33.6  |
| 85°    | 16.4  | 17.2  | 17.2  | 19.4  |
| 87.5°  | 6.7   | 7.5   | 7.5   | 8.2   |
| 90°    | 8.9   | 6.3   | 3.6   | 1.0   |
| 92.5°  | 27.1  | 25.4  | 23.6  | 21.8  |
| 95°    | 58.2  | 56.0  | 53.8  | 51.6  |
| 97.5°  | 92.3  | 90.3  | 88.3  | 86.3  |
| 100°   | 131.3 | 129.6 | 127.8 | 126.0 |
| 102.5° | 171.7 | 170.4 | 169.0 | 167.7 |
| 105°   | 215.3 | 214.7 | 214.0 | 213.4 |
| 107.5° | 261.7 | 260.8 | 259.9 | 259.0 |
| 110°   | 306.6 | 305.3 | 304.0 | 302.7 |



TEST NUMBER: P998649

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 354.2  | 352.9  | 351.6  | 350.3  |
| 115°   | 400.9  | 399.6  | 398.2  | 396.9  |
| 117.5° | 448.9  | 447.1  | 445.4  | 443.6  |
| 120°   | 495.5  | 493.8  | 492.0  | 490.2  |
| 122.5° | 539.5  | 537.3  | 535.1  | 532.9  |
| 125°   | 583.5  | 581.5  | 579.5  | 577.5  |
| 127.5° | 628.5  | 626.0  | 623.6  | 621.2  |
| 130°   | 670.5  | 667.6  | 664.8  | 661.9  |
| 132.5° | 714.2  | 711.9  | 709.7  | 707.5  |
| 135°   | 754.5  | 752.0  | 749.6  | 747.2  |
| 137.5° | 796.8  | 794.9  | 792.9  | 790.9  |
| 140°   | 835.5  | 833.6  | 831.6  | 829.6  |
| 142.5° | 875.2  | 873.3  | 871.3  | 869.3  |
| 145°   | 911.6  | 910.1  | 908.5  | 907.0  |
| 147.5° | 946.7  | 944.7  | 942.7  | 940.7  |
| 150°   | 979.4  | 978.1  | 976.8  | 975.5  |
| 152.5° | 1010.2 | 1008.9 | 1007.5 | 1006.2 |
| 155°   | 1039.0 | 1038.3 | 1037.7 | 1037.0 |
| 157.5° | 1065.1 | 1064.7 | 1064.2 | 1063.8 |
| 160°   | 1088.9 | 1088.5 | 1088.0 | 1087.6 |
| 162.5° | 1109.4 | 1109.4 | 1109.4 | 1109.4 |
| 165°   | 1127.6 | 1127.9 | 1128.1 | 1128.3 |
| 167.5° | 1143.2 | 1143.9 | 1144.5 | 1145.2 |
| 170°   | 1156.1 | 1156.8 | 1157.4 | 1158.1 |
| 172.5° | 1165.0 | 1165.7 | 1166.3 | 1167.0 |
| 175°   | 1172.0 | 1172.6 | 1173.3 | 1173.9 |
| 177.5° | 1175.9 | 1176.6 | 1177.2 | 1177.9 |
| 180°   | 1175.9 | 1175.9 | 1175.9 | 1175.9 |

TEST NUMBER: P998649

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**CIE UGR TABLE:**

| Reflectances:   |      |                  |       |       |       |       |                |       |       |       |       |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling         |      | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall            |      | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane |      | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions |      | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H            | Y=2H | 14.27            | 15.02 | 15.32 | 16.07 | 17.49 | 11.76          | 12.52 | 12.81 | 13.56 | 14.98 |
|                 | 3H   | 15.08            | 15.75 | 16.13 | 16.80 | 18.24 | 13.10          | 13.77 | 14.16 | 14.83 | 16.27 |
|                 | 4H   | 15.24            | 15.87 | 16.31 | 16.93 | 18.38 | 13.56          | 14.19 | 14.63 | 15.25 | 16.70 |
|                 | 6H   | 15.28            | 15.86 | 16.36 | 16.93 | 18.38 | 13.86          | 14.45 | 14.94 | 15.51 | 16.96 |
|                 | 8H   | 15.25            | 15.81 | 16.34 | 16.89 | 18.34 | 13.94          | 14.50 | 15.02 | 15.58 | 17.02 |
|                 | 12H  | 15.21            | 15.74 | 16.30 | 16.81 | 18.29 | 13.98          | 14.51 | 15.07 | 15.58 | 17.05 |
| 4H              | 2H   | 14.30            | 14.94 | 15.38 | 16.00 | 17.44 | 12.20          | 12.83 | 13.27 | 13.89 | 15.34 |
|                 | 3H   | 15.27            | 15.80 | 16.35 | 16.89 | 18.34 | 13.65          | 14.18 | 14.73 | 15.27 | 16.72 |
|                 | 4H   | 15.54            | 16.03 | 16.63 | 17.11 | 18.58 | 14.18          | 14.66 | 15.27 | 15.74 | 17.22 |
|                 | 6H   | 15.67            | 16.08 | 16.76 | 17.18 | 18.65 | 14.55          | 14.97 | 15.65 | 16.07 | 17.54 |
|                 | 8H   | 15.66            | 16.05 | 16.76 | 17.14 | 18.63 | 14.66          | 15.05 | 15.76 | 16.14 | 17.63 |
|                 | 12H  | 15.62            | 15.97 | 16.74 | 17.08 | 18.57 | 14.71          | 15.06 | 15.83 | 16.17 | 17.66 |
| 8H              | 4H   | 15.54            | 15.93 | 16.64 | 17.02 | 18.51 | 14.31          | 14.70 | 15.41 | 15.79 | 17.28 |
|                 | 6H   | 15.72            | 16.04 | 16.84 | 17.17 | 18.66 | 14.74          | 15.06 | 15.86 | 16.20 | 17.68 |
|                 | 8H   | 15.75            | 16.03 | 16.87 | 17.14 | 18.65 | 14.89          | 15.17 | 16.02 | 16.29 | 17.79 |
|                 | 12H  | 15.73            | 15.97 | 16.86 | 17.09 | 18.63 | 14.98          | 15.23 | 16.11 | 16.34 | 17.88 |
| 12H             | 4H   | 15.50            | 15.85 | 16.61 | 16.95 | 18.44 | 14.28          | 14.63 | 15.40 | 15.74 | 17.23 |
|                 | 6H   | 15.70            | 15.98 | 16.82 | 17.09 | 18.60 | 14.74          | 15.02 | 15.87 | 16.14 | 17.64 |
|                 | 8H   | 15.72            | 15.97 | 16.85 | 17.08 | 18.62 | 14.90          | 15.14 | 16.02 | 16.25 | 17.79 |