

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

(formerly Eaton)

Brand: EPHESUS

Report Number: P621375

Luminaire Tested: **EPH-VN-04-E-730-U-66**

Issue Date: 09/19/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P621375  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/19/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-VN-04-E-730-U-66  
Description: EPHESUS LUMAVISION FLOOD – Middle Tier Light Square Luminaire w/  
Nema 6 distribution lens  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

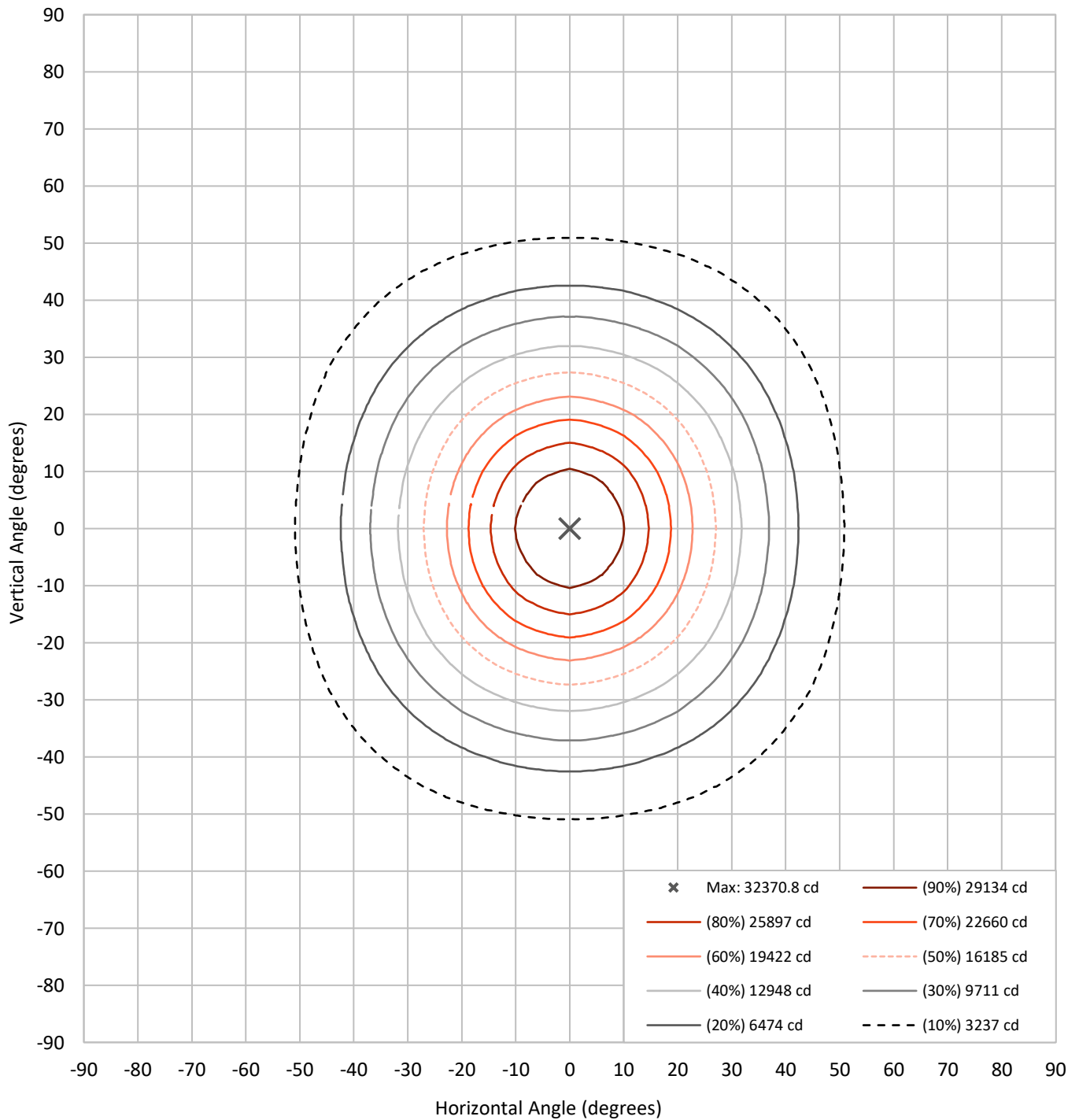
|                   |                                      |                      |                   |
|-------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 6H x 6V           |
| Luminaire Lumens: | 33573.8 lumens                       | Max Intensity:       | 32370.8 candela   |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:         | 110.5 lumens/watt                    |                      |                   |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                   |
| Beam Angle (50%): | 54.2°H x 54.7°V                      | Field Angle (10%):   | 101.7°H x 101.8°V |
| Beam Lumens:      | 16142.4 lumens                       | Field Lumens:        | 29464.3 lumens    |
| Beam Efficiency:  | 48.1%                                | Field Efficiency:    | 87.8%             |

Input Watts (W): 303.8  
Input Voltage (V): 120  
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: 25 FT



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### Iso-Candela Plot





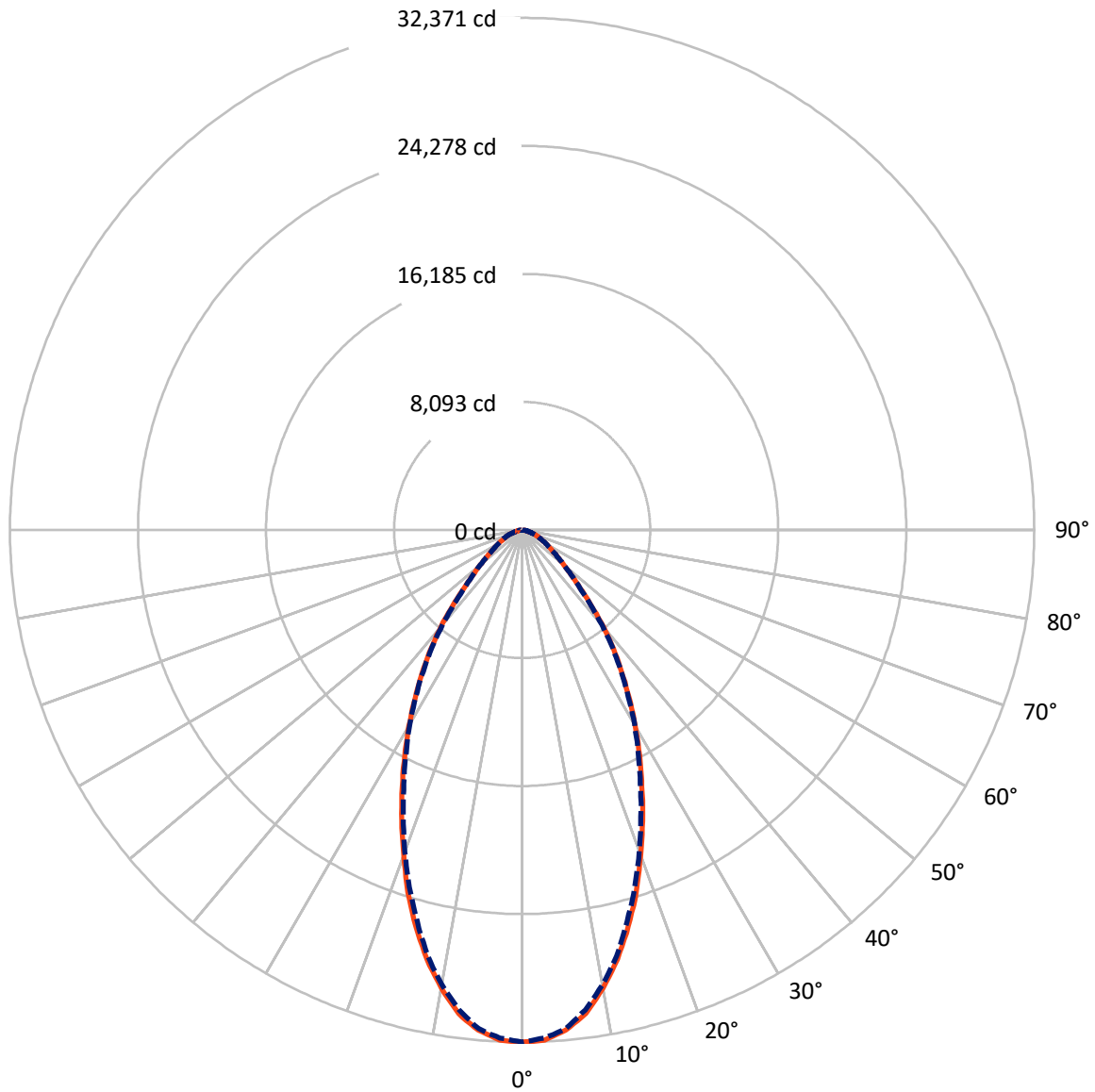
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### Lumen Table

|     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |      |    |     |    |     |
|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|----|-----|----|-----|
| 90  |     |      |      |       |       |       |       |       |       |       |       |       |       |      |      |    |     |    |     |
| 80  | 2.4 |      | 14.4 |       | 29.0  |       | 44.1  |       | 37.9  |       | 44.1  |       | 29.0  |      | 14.4 |    | 2.4 |    |     |
| 70  |     |      |      |       |       |       |       |       |       |       |       |       |       |      |      |    |     |    |     |
| 60  | 5.9 | 6.3  | 11.2 | 17.0  | 23.8  | 30.4  | 35.5  | 38.0  | 38.0  | 35.5  | 30.4  | 23.8  | 17.0  | 11.2 | 6.3  |    |     |    | 5.9 |
| 50  |     | 8.3  | 15.9 | 26.1  | 39.1  | 53.3  | 66.0  | 73.7  | 73.7  | 66.0  | 53.3  | 39.1  | 26.1  | 15.9 | 8.3  |    |     |    |     |
| 40  | 7.9 | 10.4 | 21.3 | 38.4  | 63.8  | 97.8  | 134.6 | 159.7 | 159.7 | 134.6 | 97.8  | 63.8  | 38.4  | 21.3 | 10.4 |    |     |    | 7.9 |
| 30  |     | 12.4 | 27.5 | 55.3  | 106.1 | 187.7 | 273.0 | 326.0 | 326.0 | 273.0 | 187.7 | 106.1 | 55.3  | 27.5 | 12.4 |    |     |    |     |
| 20  | 9.2 | 14.3 | 33.8 | 76.7  | 169.9 | 306.5 | 440.3 | 528.5 | 528.5 | 440.3 | 306.5 | 169.9 | 76.7  | 33.8 | 14.3 |    |     |    | 9.2 |
| 10  |     | 15.8 | 39.5 | 98.7  | 231.4 | 412.8 | 611.3 | 754.7 | 754.7 | 611.3 | 412.8 | 231.4 | 98.7  | 39.5 | 15.8 |    |     |    |     |
| 0   | 9.6 | 16.6 | 42.9 | 113.1 | 267.1 | 478.8 | 729.1 | 916.3 | 916.3 | 729.1 | 478.8 | 267.1 | 113.1 | 42.9 | 16.6 |    |     |    | 9.6 |
| -10 |     | 16.6 | 42.9 | 113.1 | 267.1 | 478.8 | 729.1 | 916.3 | 916.3 | 729.1 | 478.8 | 267.1 | 113.1 | 42.9 | 16.6 |    |     |    |     |
| -20 | 9.2 | 15.8 | 39.5 | 98.7  | 231.4 | 412.8 | 611.3 | 754.7 | 754.7 | 611.3 | 412.8 | 231.4 | 98.7  | 39.5 | 15.8 |    |     |    | 9.2 |
| -30 |     | 14.3 | 33.8 | 76.7  | 169.9 | 306.5 | 440.3 | 528.5 | 528.5 | 440.3 | 306.5 | 169.9 | 76.7  | 33.8 | 14.3 |    |     |    |     |
| -40 | 7.9 | 12.4 | 27.5 | 55.3  | 106.1 | 187.7 | 273.0 | 326.0 | 326.0 | 273.0 | 187.7 | 106.1 | 55.3  | 27.5 | 12.4 |    |     |    | 7.9 |
| -50 |     | 10.4 | 21.3 | 38.4  | 63.8  | 97.8  | 134.6 | 159.7 | 159.7 | 134.6 | 97.8  | 63.8  | 38.4  | 21.3 | 10.4 |    |     |    |     |
| -60 | 5.9 | 8.3  | 15.9 | 26.1  | 39.1  | 53.3  | 66.0  | 73.7  | 73.7  | 66.0  | 53.3  | 39.1  | 26.1  | 15.9 | 8.3  |    |     |    | 5.9 |
| -70 |     | 6.3  | 11.2 | 17.0  | 23.8  | 30.4  | 35.5  | 38.0  | 38.0  | 35.5  | 30.4  | 23.8  | 17.0  | 11.2 | 6.3  |    |     |    |     |
| -80 |     |      |      |       |       |       |       |       |       |       |       |       |       |      |      |    |     |    |     |
| -90 | 2.4 |      | 14.4 |       | 29.0  |       | 44.1  |       | 37.9  |       | 44.1  |       | 29.0  |      | 14.4 |    | 2.4 |    |     |
|     | -90 | -80  | -70  | -60   | -50   | -40   | -30   | -20   | -10   | 0     | 10    | 20    | 30    | 40   | 50   | 60 | 70  | 80 | 90  |

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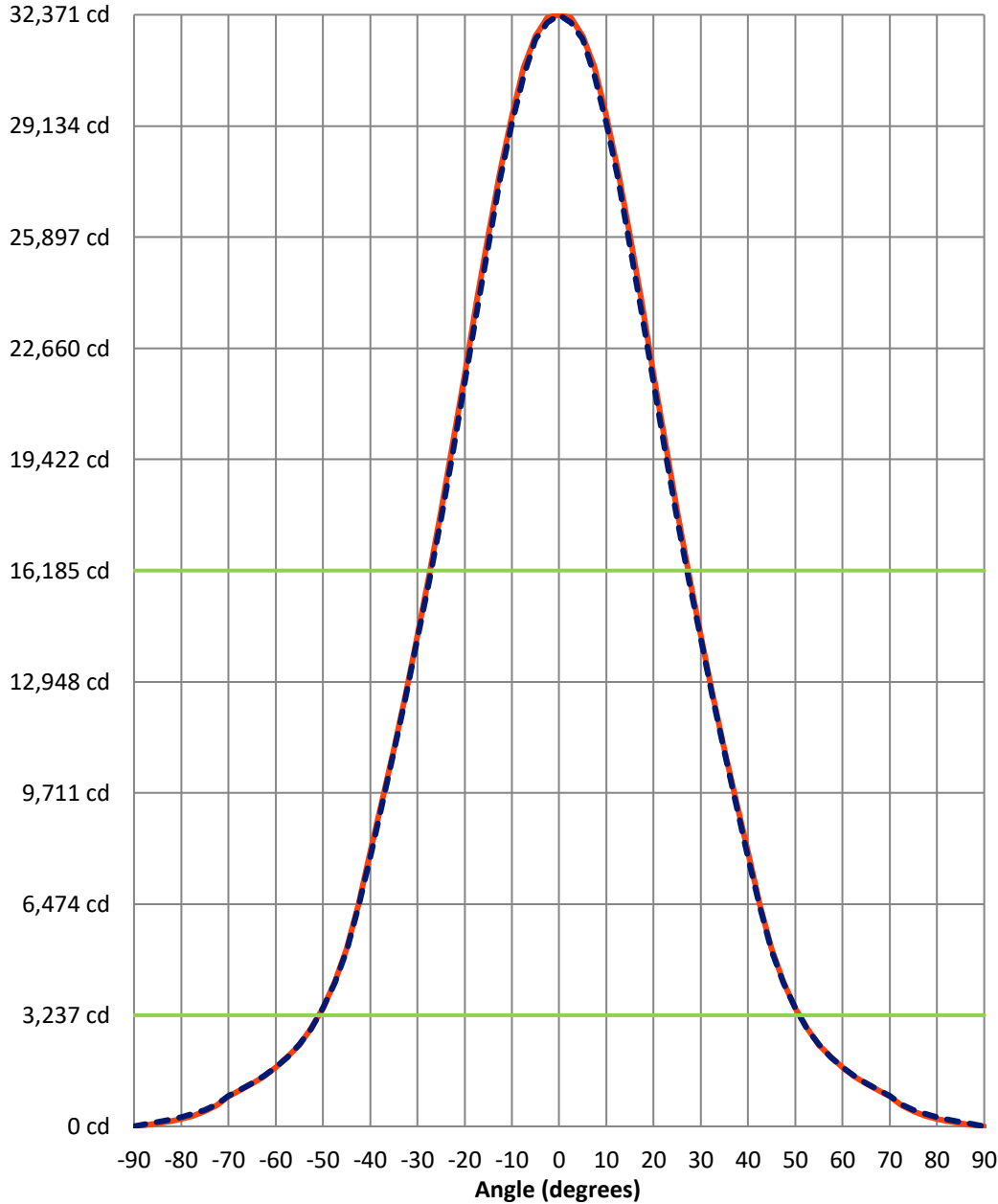
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 54.2°  
V Angle: 54.7°  
Lumens: 16142.4  
Efficiency: 48.1%

**Field:**  
H Angle: 101.7°  
V Angle: 101.8°  
Lumens: 29464.3  
Efficiency: 87.8%

**Spill:**  
Lumens: 4109.5  
Efficiency: 12.2%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 0    | 3      | 7    | 14     | 21   | 28     | 35   | 41     | 45   | 48     | 55   |
| 85°    | 0    | 7      | 14   | 24     | 38   | 55     | 72   | 83     | 90   | 100    | 107  |
| 82.5°  | 0    | 10     | 24   | 38     | 59   | 79     | 107  | 121    | 135  | 148    | 159  |
| 80°    | 0    | 14     | 31   | 52     | 76   | 107    | 141  | 159    | 176  | 193    | 207  |
| 77.5°  | 0    | 17     | 38   | 62     | 97   | 131    | 173  | 197    | 217  | 238    | 259  |
| 75°    | 0    | 21     | 45   | 76     | 114  | 152    | 200  | 231    | 259  | 286    | 317  |
| 72.5°  | 0    | 24     | 52   | 86     | 128  | 173    | 228  | 266    | 297  | 335    | 376  |
| 70°    | 0    | 28     | 59   | 100    | 141  | 193    | 255  | 297    | 335  | 379    | 414  |
| 67.5°  | 0    | 31     | 66   | 107    | 155  | 210    | 276  | 328    | 369  | 411    | 448  |
| 65°    | 0    | 31     | 72   | 114    | 166  | 228    | 293  | 355    | 400  | 442    | 486  |
| 62.5°  | 0    | 35     | 79   | 121    | 176  | 241    | 310  | 379    | 428  | 473    | 524  |
| 60°    | 0    | 38     | 83   | 128    | 190  | 255    | 331  | 404    | 452  | 507    | 562  |
| 57.5°  | 0    | 41     | 86   | 135    | 197  | 266    | 345  | 424    | 483  | 542    | 600  |
| 55°    | 0    | 45     | 93   | 141    | 204  | 279    | 359  | 445    | 511  | 573    | 638  |
| 52.5°  | 0    | 45     | 97   | 145    | 214  | 290    | 373  | 459    | 538  | 607    | 683  |
| 50°    | 0    | 48     | 100  | 148    | 221  | 300    | 383  | 476    | 566  | 642    | 721  |
| 47.5°  | 0    | 52     | 104  | 152    | 224  | 307    | 397  | 493    | 597  | 676    | 762  |
| 45°    | 0    | 52     | 107  | 155    | 231  | 317    | 407  | 504    | 617  | 711    | 800  |
| 42.5°  | 0    | 55     | 107  | 159    | 235  | 324    | 417  | 521    | 635  | 745    | 842  |
| 40°    | 0    | 59     | 110  | 166    | 241  | 328    | 428  | 535    | 655  | 780    | 880  |
| 37.5°  | 0    | 59     | 114  | 169    | 245  | 335    | 435  | 548    | 676  | 804    | 914  |
| 35°    | 0    | 62     | 117  | 173    | 248  | 338    | 438  | 562    | 693  | 828    | 952  |
| 32.5°  | 0    | 62     | 117  | 179    | 252  | 345    | 445  | 573    | 714  | 855    | 987  |
| 30°    | 0    | 62     | 121  | 183    | 252  | 345    | 455  | 583    | 731  | 883    | 1021 |
| 27.5°  | 0    | 66     | 121  | 183    | 259  | 348    | 462  | 597    | 749  | 914    | 1056 |
| 25°    | 0    | 66     | 124  | 186    | 262  | 348    | 466  | 607    | 769  | 942    | 1087 |
| 22.5°  | 0    | 66     | 124  | 190    | 266  | 352    | 469  | 617    | 790  | 966    | 1121 |
| 20°    | 0    | 69     | 128  | 193    | 269  | 355    | 473  | 628    | 811  | 987    | 1149 |
| 17.5°  | 0    | 69     | 128  | 193    | 273  | 362    | 476  | 635    | 828  | 1007   | 1173 |
| 15°    | 0    | 72     | 128  | 193    | 273  | 366    | 483  | 638    | 845  | 1024   | 1197 |
| 12.5°  | 0    | 72     | 128  | 197    | 273  | 366    | 486  | 645    | 862  | 1042   | 1214 |
| 10°    | 0    | 69     | 131  | 197    | 273  | 369    | 490  | 649    | 873  | 1052   | 1231 |
| 7.5°   | 0    | 69     | 131  | 197    | 276  | 369    | 490  | 649    | 883  | 1062   | 1242 |
| 5°     | 0    | 69     | 128  | 197    | 273  | 373    | 490  | 652    | 897  | 1073   | 1252 |
| 2.5°   | 0    | 69     | 128  | 193    | 273  | 373    | 483  | 645    | 893  | 1073   | 1259 |
| 0°     | 0    | 69     | 128  | 193    | 269  | 369    | 479  | 638    | 890  | 1069   | 1259 |
| -2.5°  | 0    | 69     | 128  | 193    | 273  | 373    | 483  | 645    | 893  | 1073   | 1259 |
| -5°    | 0    | 69     | 128  | 197    | 273  | 373    | 490  | 652    | 897  | 1073   | 1252 |
| -7.5°  | 0    | 69     | 131  | 197    | 276  | 369    | 490  | 649    | 883  | 1062   | 1242 |
| -10°   | 0    | 69     | 131  | 197    | 273  | 369    | 490  | 649    | 873  | 1052   | 1231 |
| -12.5° | 0    | 72     | 128  | 197    | 273  | 366    | 486  | 645    | 862  | 1042   | 1214 |
| -15°   | 0    | 72     | 128  | 193    | 273  | 366    | 483  | 638    | 845  | 1024   | 1197 |
| -17.5° | 0    | 69     | 128  | 193    | 273  | 362    | 476  | 635    | 828  | 1007   | 1173 |
| -20°   | 0    | 69     | 128  | 193    | 269  | 355    | 473  | 628    | 811  | 987    | 1149 |



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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0    | 66     | 124  | 190    | 266  | 352    | 469  | 617    | 790  | 966    | 1121 |
| -25°   | 0    | 66     | 124  | 186    | 262  | 348    | 466  | 607    | 769  | 942    | 1087 |
| -27.5° | 0    | 66     | 121  | 183    | 259  | 348    | 462  | 597    | 749  | 914    | 1056 |
| -30°   | 0    | 62     | 121  | 183    | 252  | 345    | 455  | 583    | 731  | 883    | 1021 |
| -32.5° | 0    | 62     | 117  | 179    | 252  | 345    | 445  | 573    | 714  | 855    | 987  |
| -35°   | 0    | 62     | 117  | 173    | 248  | 338    | 438  | 562    | 693  | 828    | 952  |
| -37.5° | 0    | 59     | 114  | 169    | 245  | 335    | 435  | 548    | 676  | 804    | 914  |
| -40°   | 0    | 59     | 110  | 166    | 241  | 328    | 428  | 535    | 655  | 780    | 880  |
| -42.5° | 0    | 55     | 107  | 159    | 235  | 324    | 417  | 521    | 635  | 745    | 842  |
| -45°   | 0    | 52     | 107  | 155    | 231  | 317    | 407  | 504    | 617  | 711    | 800  |
| -47.5° | 0    | 52     | 104  | 152    | 224  | 307    | 397  | 493    | 597  | 676    | 762  |
| -50°   | 0    | 48     | 100  | 148    | 221  | 300    | 383  | 476    | 566  | 642    | 721  |
| -52.5° | 0    | 45     | 97   | 145    | 214  | 290    | 373  | 459    | 538  | 607    | 683  |
| -55°   | 0    | 45     | 93   | 141    | 204  | 279    | 359  | 445    | 511  | 573    | 638  |
| -57.5° | 0    | 41     | 86   | 135    | 197  | 266    | 345  | 424    | 483  | 542    | 600  |
| -60°   | 0    | 38     | 83   | 128    | 190  | 255    | 331  | 404    | 452  | 507    | 562  |
| -62.5° | 0    | 35     | 79   | 121    | 176  | 241    | 310  | 379    | 428  | 473    | 524  |
| -65°   | 0    | 31     | 72   | 114    | 166  | 228    | 293  | 355    | 400  | 442    | 486  |
| -67.5° | 0    | 31     | 66   | 107    | 155  | 210    | 276  | 328    | 369  | 411    | 448  |
| -70°   | 0    | 28     | 59   | 100    | 141  | 193    | 255  | 297    | 335  | 379    | 414  |
| -72.5° | 0    | 24     | 52   | 86     | 128  | 173    | 228  | 266    | 297  | 335    | 376  |
| -75°   | 0    | 21     | 45   | 76     | 114  | 152    | 200  | 231    | 259  | 286    | 317  |
| -77.5° | 0    | 17     | 38   | 62     | 97   | 131    | 173  | 197    | 217  | 238    | 259  |
| -80°   | 0    | 14     | 31   | 52     | 76   | 107    | 141  | 159    | 176  | 193    | 207  |
| -82.5° | 0    | 10     | 24   | 38     | 59   | 79     | 107  | 121    | 135  | 148    | 159  |
| -85°   | 0    | 7      | 14   | 24     | 38   | 55     | 72   | 83     | 90   | 100    | 107  |
| -87.5° | 0    | 3      | 7    | 14     | 21   | 28     | 35   | 41     | 45   | 48     | 55   |
| -90°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |





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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 90°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 87.5°  | 59     | 62   | 66     | 66   | 66     | 62   | 59     | 55   | 62     | 69   | 76     |
| 85°    | 114    | 124  | 128    | 135  | 131    | 124  | 121    | 114  | 128    | 141  | 159    |
| 82.5°  | 169    | 179  | 186    | 193  | 193    | 186  | 179    | 169  | 190    | 210  | 235    |
| 80°    | 221    | 235  | 248    | 259  | 259    | 248  | 238    | 224  | 248    | 279  | 310    |
| 77.5°  | 283    | 300  | 314    | 328  | 324    | 321  | 314    | 307  | 331    | 362  | 393    |
| 75°    | 345    | 369  | 379    | 393  | 400    | 397  | 397    | 404  | 431    | 469  | 504    |
| 72.5°  | 400    | 417  | 438    | 462  | 473    | 479  | 497    | 517  | 545    | 576  | 604    |
| 70°    | 445    | 466  | 493    | 517  | 538    | 559  | 583    | 611  | 638    | 669  | 697    |
| 67.5°  | 486    | 517  | 545    | 576  | 604    | 635  | 666    | 697  | 728    | 762  | 797    |
| 65°    | 531    | 566  | 600    | 635  | 673    | 711  | 749    | 783  | 821    | 866  | 904    |
| 62.5°  | 576    | 614  | 655    | 697  | 742    | 786  | 831    | 876  | 928    | 976  | 1024   |
| 60°    | 617    | 666  | 714    | 766  | 818    | 869  | 918    | 976  | 1038   | 1093 | 1156   |
| 57.5°  | 659    | 717  | 773    | 831  | 890    | 949  | 1018   | 1083 | 1156   | 1228 | 1297   |
| 55°    | 704    | 773  | 835    | 900  | 966    | 1042 | 1118   | 1200 | 1280   | 1373 | 1459   |
| 52.5°  | 752    | 824  | 897    | 969  | 1052   | 1135 | 1225   | 1321 | 1425   | 1531 | 1638   |
| 50°    | 800    | 880  | 959    | 1045 | 1138   | 1235 | 1342   | 1456 | 1580   | 1704 | 1835   |
| 47.5°  | 845    | 931  | 1028   | 1121 | 1228   | 1342 | 1466   | 1604 | 1742   | 1897 | 2063   |
| 45°    | 893    | 987  | 1090   | 1204 | 1321   | 1456 | 1604   | 1756 | 1932   | 2108 | 2301   |
| 42.5°  | 942    | 1042 | 1159   | 1280 | 1425   | 1576 | 1738   | 1932 | 2128   | 2346 | 2580   |
| 40°    | 983    | 1097 | 1228   | 1373 | 1528   | 1697 | 1897   | 2108 | 2349   | 2608 | 2897   |
| 37.5°  | 1031   | 1156 | 1297   | 1456 | 1635   | 1832 | 2063   | 2308 | 2587   | 2901 | 3249   |
| 35°    | 1076   | 1214 | 1369   | 1542 | 1742   | 1970 | 2228   | 2515 | 2839   | 3218 | 3642   |
| 32.5°  | 1121   | 1273 | 1438   | 1628 | 1849   | 2108 | 2401   | 2739 | 3122   | 3556 | 4087   |
| 30°    | 1166   | 1325 | 1504   | 1711 | 1959   | 2252 | 2590   | 2966 | 3408   | 3956 | 4587   |
| 27.5°  | 1207   | 1380 | 1573   | 1801 | 2066   | 2387 | 2770   | 3218 | 3739   | 4356 | 5095   |
| 25°    | 1249   | 1428 | 1638   | 1883 | 2180   | 2532 | 2949   | 3442 | 4067   | 4798 | 5674   |
| 22.5°  | 1287   | 1476 | 1697   | 1963 | 2283   | 2673 | 3142   | 3704 | 4391   | 5205 | 6236   |
| 20°    | 1325   | 1525 | 1759   | 2039 | 2373   | 2801 | 3318   | 3946 | 4725   | 5684 | 6829   |
| 17.5°  | 1356   | 1569 | 1818   | 2118 | 2483   | 2932 | 3480   | 4187 | 5029   | 6126 | 7402   |
| 15°    | 1387   | 1607 | 1870   | 2187 | 2580   | 3063 | 3656   | 4398 | 5350   | 6543 | 7899   |
| 12.5°  | 1411   | 1638 | 1914   | 2249 | 2663   | 3173 | 3808   | 4612 | 5660   | 6936 | 8330   |
| 10°    | 1428   | 1666 | 1949   | 2297 | 2732   | 3263 | 3932   | 4784 | 5912   | 7257 | 8689   |
| 7.5°   | 1445   | 1687 | 1976   | 2335 | 2784   | 3332 | 4029   | 4919 | 6105   | 7506 | 8965   |
| 5°     | 1459   | 1704 | 1997   | 2363 | 2818   | 3384 | 4101   | 5005 | 6243   | 7681 | 9161   |
| 2.5°   | 1469   | 1718 | 2014   | 2387 | 2846   | 3439 | 4167   | 5098 | 6374   | 7830 | 9337   |
| 0°     | 1469   | 1721 | 2014   | 2387 | 2842   | 3449 | 4177   | 5105 | 6391   | 7826 | 9361   |
| -2.5°  | 1469   | 1718 | 2014   | 2387 | 2846   | 3439 | 4167   | 5098 | 6374   | 7830 | 9337   |
| -5°    | 1459   | 1704 | 1997   | 2363 | 2818   | 3384 | 4101   | 5005 | 6243   | 7681 | 9161   |
| -7.5°  | 1445   | 1687 | 1976   | 2335 | 2784   | 3332 | 4029   | 4919 | 6105   | 7506 | 8965   |
| -10°   | 1428   | 1666 | 1949   | 2297 | 2732   | 3263 | 3932   | 4784 | 5912   | 7257 | 8689   |
| -12.5° | 1411   | 1638 | 1914   | 2249 | 2663   | 3173 | 3808   | 4612 | 5660   | 6936 | 8330   |
| -15°   | 1387   | 1607 | 1870   | 2187 | 2580   | 3063 | 3656   | 4398 | 5350   | 6543 | 7899   |
| -17.5° | 1356   | 1569 | 1818   | 2118 | 2483   | 2932 | 3480   | 4187 | 5029   | 6126 | 7402   |
| -20°   | 1325   | 1525 | 1759   | 2039 | 2373   | 2801 | 3318   | 3946 | 4725   | 5684 | 6829   |



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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 1287   | 1476 | 1697   | 1963 | 2283   | 2673 | 3142   | 3704 | 4391   | 5205 | 6236   |
| -25°   | 1249   | 1428 | 1638   | 1883 | 2180   | 2532 | 2949   | 3442 | 4067   | 4798 | 5674   |
| -27.5° | 1207   | 1380 | 1573   | 1801 | 2066   | 2387 | 2770   | 3218 | 3739   | 4356 | 5095   |
| -30°   | 1166   | 1325 | 1504   | 1711 | 1959   | 2252 | 2590   | 2966 | 3408   | 3956 | 4587   |
| -32.5° | 1121   | 1273 | 1438   | 1628 | 1849   | 2108 | 2401   | 2739 | 3122   | 3556 | 4087   |
| -35°   | 1076   | 1214 | 1369   | 1542 | 1742   | 1970 | 2228   | 2515 | 2839   | 3218 | 3642   |
| -37.5° | 1031   | 1156 | 1297   | 1456 | 1635   | 1832 | 2063   | 2308 | 2587   | 2901 | 3249   |
| -40°   | 983    | 1097 | 1228   | 1373 | 1528   | 1697 | 1897   | 2108 | 2349   | 2608 | 2897   |
| -42.5° | 942    | 1042 | 1159   | 1280 | 1425   | 1576 | 1738   | 1932 | 2128   | 2346 | 2580   |
| -45°   | 893    | 987  | 1090   | 1204 | 1321   | 1456 | 1604   | 1756 | 1932   | 2108 | 2301   |
| -47.5° | 845    | 931  | 1028   | 1121 | 1228   | 1342 | 1466   | 1604 | 1742   | 1897 | 2063   |
| -50°   | 800    | 880  | 959    | 1045 | 1138   | 1235 | 1342   | 1456 | 1580   | 1704 | 1835   |
| -52.5° | 752    | 824  | 897    | 969  | 1052   | 1135 | 1225   | 1321 | 1425   | 1531 | 1638   |
| -55°   | 704    | 773  | 835    | 900  | 966    | 1042 | 1118   | 1200 | 1280   | 1373 | 1459   |
| -57.5° | 659    | 717  | 773    | 831  | 890    | 949  | 1018   | 1083 | 1156   | 1228 | 1297   |
| -60°   | 617    | 666  | 714    | 766  | 818    | 869  | 918    | 976  | 1038   | 1093 | 1156   |
| -62.5° | 576    | 614  | 655    | 697  | 742    | 786  | 831    | 876  | 928    | 976  | 1024   |
| -65°   | 531    | 566  | 600    | 635  | 673    | 711  | 749    | 783  | 821    | 866  | 904    |
| -67.5° | 486    | 517  | 545    | 576  | 604    | 635  | 666    | 697  | 728    | 762  | 797    |
| -70°   | 445    | 466  | 493    | 517  | 538    | 559  | 583    | 611  | 638    | 669  | 697    |
| -72.5° | 400    | 417  | 438    | 462  | 473    | 479  | 497    | 517  | 545    | 576  | 604    |
| -75°   | 345    | 369  | 379    | 393  | 400    | 397  | 397    | 404  | 431    | 469  | 504    |
| -77.5° | 283    | 300  | 314    | 328  | 324    | 321  | 314    | 307  | 331    | 362  | 393    |
| -80°   | 221    | 235  | 248    | 259  | 259    | 248  | 238    | 224  | 248    | 279  | 310    |
| -82.5° | 169    | 179  | 186    | 193  | 193    | 186  | 179    | 169  | 190    | 210  | 235    |
| -85°   | 114    | 124  | 128    | 135  | 131    | 124  | 121    | 114  | 128    | 141  | 159    |
| -87.5° | 59     | 62   | 66     | 66   | 66     | 62   | 59     | 55   | 62     | 69   | 76     |
| -90°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |



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**CANDELA DISTRIBUTION (continued):**

|        | -35°  | -32.5° | -30°  | -27.5° | -25°  | -22.5° | -20°  | -17.5° | -15°  | -12.5° | -10°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 90°    | 0     | 0      | 0     | 0      | 0     | 0      | 0     | 0      | 0     | 0      | 0     |
| 87.5°  | 86    | 86     | 86    | 86     | 83    | 86     | 86    | 90     | 93    | 83     | 72    |
| 85°    | 173   | 176    | 176   | 176    | 176   | 176    | 176   | 176    | 176   | 159    | 141   |
| 82.5°  | 259   | 269    | 276   | 286    | 293   | 293    | 290   | 286    | 279   | 252    | 221   |
| 80°    | 342   | 359    | 369   | 379    | 390   | 386    | 383   | 376    | 373   | 338    | 304   |
| 77.5°  | 424   | 445    | 459   | 469    | 479   | 483    | 479   | 479    | 476   | 445    | 407   |
| 75°    | 531   | 548    | 562   | 576    | 590   | 597    | 600   | 600    | 600   | 573    | 538   |
| 72.5°  | 628   | 649    | 669   | 690    | 707   | 717    | 728   | 735    | 742   | 728    | 707   |
| 70°    | 728   | 752    | 776   | 800    | 824   | 842    | 855   | 869    | 876   | 880    | 880   |
| 67.5°  | 831   | 862    | 893   | 924    | 952   | 976    | 993   | 1011   | 1024  | 1038   | 1045  |
| 65°    | 945   | 987    | 1024  | 1059   | 1090  | 1121   | 1145  | 1169   | 1190  | 1207   | 1218  |
| 62.5°  | 1073  | 1121   | 1166  | 1211   | 1245  | 1283   | 1321  | 1356   | 1383  | 1407   | 1425  |
| 60°    | 1214  | 1273   | 1328  | 1383   | 1438  | 1483   | 1531  | 1573   | 1607  | 1638   | 1666  |
| 57.5°  | 1373  | 1445   | 1514  | 1587   | 1649  | 1707   | 1766  | 1825   | 1876  | 1918   | 1952  |
| 55°    | 1549  | 1638   | 1728  | 1814   | 1901  | 1980   | 2056  | 2132   | 2201  | 2256   | 2304  |
| 52.5°  | 1752  | 1859   | 1973  | 2080   | 2197  | 2301   | 2397  | 2501   | 2594  | 2677   | 2746  |
| 50°    | 1970  | 2108   | 2256  | 2394   | 2546  | 2690   | 2821  | 2953   | 3084  | 3197   | 3291  |
| 47.5°  | 2225  | 2390   | 2584  | 2773   | 2959  | 3156   | 3339  | 3511   | 3691  | 3842   | 3970  |
| 45°    | 2501  | 2732   | 2959  | 3215   | 3449  | 3715   | 3967  | 4218   | 4439  | 4660   | 4846  |
| 42.5°  | 2828  | 3118   | 3408  | 3736   | 4056  | 4391   | 4746  | 5063   | 5395  | 5719   | 5988  |
| 40°    | 3218  | 3560   | 3960  | 4353   | 4798  | 5219   | 5722  | 6167   | 6588  | 6998   | 7347  |
| 37.5°  | 3646  | 4098   | 4591  | 5091   | 5695  | 6288   | 6878  | 7437   | 7937  | 8395   | 8761  |
| 35°    | 4139  | 4708   | 5295  | 6022   | 6740  | 7464   | 8140  | 8775   | 9344  | 9810   | 10196 |
| 32.5°  | 4705  | 5377   | 6188  | 7033   | 7864  | 8668   | 9475  | 10103  | 10696 | 11227  | 11683 |
| 30°    | 5305  | 6181   | 7126  | 8071   | 8978  | 9851   | 10665 | 11420  | 12110 | 12707  | 13217 |
| 27.5°  | 6009  | 7023   | 8075  | 9089   | 10061 | 11003  | 11927 | 12790  | 13545 | 14173  | 14807 |
| 25°    | 6705  | 7868   | 8992  | 10065  | 11117 | 12169  | 13186 | 14156  | 15039 | 15808  | 16494 |
| 22.5°  | 7440  | 8654   | 9841  | 10979  | 12172 | 13317  | 14432 | 15535  | 16549 | 17436  | 18208 |
| 20°    | 8119  | 9423   | 10634 | 11903  | 13197 | 14438  | 15690 | 16884  | 18015 | 19084  | 19964 |
| 17.5°  | 8727  | 10054  | 11376 | 12714  | 14125 | 15532  | 16891 | 18184  | 19474 | 20719  | 21816 |
| 15°    | 9268  | 10662  | 12017 | 13476  | 14997 | 16511  | 18026 | 19450  | 20902 | 22282  | 23510 |
| 12.5°  | 9748  | 11186  | 12628 | 14180  | 15770 | 17346  | 19005 | 20661  | 22272 | 23758  | 25090 |
| 10°    | 10144 | 11638  | 13183 | 14790  | 16442 | 18108  | 19895 | 21733  | 23458 | 25038  | 26486 |
| 7.5°   | 10444 | 11979  | 13593 | 15263  | 17005 | 18788  | 20654 | 22527  | 24351 | 26048  | 27566 |
| 5°     | 10658 | 12207  | 13866 | 15570  | 17384 | 19247  | 21237 | 23234  | 25096 | 26852  | 28404 |
| 2.5°   | 10851 | 12410  | 14100 | 15739  | 17588 | 19519  | 21513 | 23582  | 25486 | 27290  | 29018 |
| 0°     | 10903 | 12493  | 14200 | 15884  | 17681 | 19619  | 21651 | 23672  | 25624 | 27583  | 29208 |
| -2.5°  | 10851 | 12410  | 14100 | 15739  | 17588 | 19519  | 21513 | 23582  | 25486 | 27290  | 29018 |
| -5°    | 10658 | 12207  | 13866 | 15570  | 17384 | 19247  | 21237 | 23234  | 25096 | 26852  | 28404 |
| -7.5°  | 10444 | 11979  | 13593 | 15263  | 17005 | 18788  | 20654 | 22527  | 24351 | 26048  | 27566 |
| -10°   | 10144 | 11638  | 13183 | 14790  | 16442 | 18108  | 19895 | 21733  | 23458 | 25038  | 26486 |
| -12.5° | 9748  | 11186  | 12628 | 14180  | 15770 | 17346  | 19005 | 20661  | 22272 | 23758  | 25090 |
| -15°   | 9268  | 10662  | 12017 | 13476  | 14997 | 16511  | 18026 | 19450  | 20902 | 22282  | 23510 |
| -17.5° | 8727  | 10054  | 11376 | 12714  | 14125 | 15532  | 16891 | 18184  | 19474 | 20719  | 21816 |
| -20°   | 8119  | 9423   | 10634 | 11903  | 13197 | 14438  | 15690 | 16884  | 18015 | 19084  | 19964 |



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**CANDELA DISTRIBUTION (continued):**

|        | -35° | -32.5° | -30° | -27.5° | -25°  | -22.5° | -20°  | -17.5° | -15°  | -12.5° | -10°  |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 7440 | 8654   | 9841 | 10979  | 12172 | 13317  | 14432 | 15535  | 16549 | 17436  | 18208 |
| -25°   | 6705 | 7868   | 8992 | 10065  | 11117 | 12169  | 13186 | 14156  | 15039 | 15808  | 16494 |
| -27.5° | 6009 | 7023   | 8075 | 9089   | 10061 | 11003  | 11927 | 12790  | 13545 | 14173  | 14807 |
| -30°   | 5305 | 6181   | 7126 | 8071   | 8978  | 9851   | 10665 | 11420  | 12110 | 12707  | 13217 |
| -32.5° | 4705 | 5377   | 6188 | 7033   | 7864  | 8668   | 9475  | 10103  | 10696 | 11227  | 11683 |
| -35°   | 4139 | 4708   | 5295 | 6022   | 6740  | 7464   | 8140  | 8775   | 9344  | 9810   | 10196 |
| -37.5° | 3646 | 4098   | 4591 | 5091   | 5695  | 6288   | 6878  | 7437   | 7937  | 8395   | 8761  |
| -40°   | 3218 | 3560   | 3960 | 4353   | 4798  | 5219   | 5722  | 6167   | 6588  | 6998   | 7347  |
| -42.5° | 2828 | 3118   | 3408 | 3736   | 4056  | 4391   | 4746  | 5063   | 5395  | 5719   | 5988  |
| -45°   | 2501 | 2732   | 2959 | 3215   | 3449  | 3715   | 3967  | 4218   | 4439  | 4660   | 4846  |
| -47.5° | 2225 | 2390   | 2584 | 2773   | 2959  | 3156   | 3339  | 3511   | 3691  | 3842   | 3970  |
| -50°   | 1970 | 2108   | 2256 | 2394   | 2546  | 2690   | 2821  | 2953   | 3084  | 3197   | 3291  |
| -52.5° | 1752 | 1859   | 1973 | 2080   | 2197  | 2301   | 2397  | 2501   | 2594  | 2677   | 2746  |
| -55°   | 1549 | 1638   | 1728 | 1814   | 1901  | 1980   | 2056  | 2132   | 2201  | 2256   | 2304  |
| -57.5° | 1373 | 1445   | 1514 | 1587   | 1649  | 1707   | 1766  | 1825   | 1876  | 1918   | 1952  |
| -60°   | 1214 | 1273   | 1328 | 1383   | 1438  | 1483   | 1531  | 1573   | 1607  | 1638   | 1666  |
| -62.5° | 1073 | 1121   | 1166 | 1211   | 1245  | 1283   | 1321  | 1356   | 1383  | 1407   | 1425  |
| -65°   | 945  | 987    | 1024 | 1059   | 1090  | 1121   | 1145  | 1169   | 1190  | 1207   | 1218  |
| -67.5° | 831  | 862    | 893  | 924    | 952   | 976    | 993   | 1011   | 1024  | 1038   | 1045  |
| -70°   | 728  | 752    | 776  | 800    | 824   | 842    | 855   | 869    | 876   | 880    | 880   |
| -72.5° | 628  | 649    | 669  | 690    | 707   | 717    | 728   | 735    | 742   | 728    | 707   |
| -75°   | 531  | 548    | 562  | 576    | 590   | 597    | 600   | 600    | 600   | 573    | 538   |
| -77.5° | 424  | 445    | 459  | 469    | 479   | 483    | 479   | 479    | 476   | 445    | 407   |
| -80°   | 342  | 359    | 369  | 379    | 390   | 386    | 383   | 376    | 373   | 338    | 304   |
| -82.5° | 259  | 269    | 276  | 286    | 293   | 293    | 290   | 286    | 279   | 252    | 221   |
| -85°   | 173  | 176    | 176  | 176    | 176   | 176    | 176   | 176    | 176   | 159    | 141   |
| -87.5° | 86   | 86     | 86   | 86     | 83    | 86     | 86    | 90     | 93    | 83     | 72    |
| -90°   | 0    | 0      | 0    | 0      | 0     | 0      | 0     | 0      | 0     | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -5°   | -2.5° | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90°    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 87.5°  | 59    | 48    | 45    | 38    | 45    | 48    | 59    | 72    | 83    | 93    | 90    |
| 85°    | 121   | 100   | 97    | 90    | 97    | 100   | 121   | 141   | 159   | 176   | 176   |
| 82.5°  | 193   | 159   | 152   | 145   | 152   | 159   | 193   | 221   | 252   | 279   | 286   |
| 80°    | 273   | 231   | 224   | 217   | 224   | 231   | 273   | 304   | 338   | 373   | 376   |
| 77.5°  | 369   | 331   | 317   | 307   | 317   | 331   | 369   | 407   | 445   | 476   | 479   |
| 75°    | 500   | 462   | 452   | 442   | 452   | 462   | 500   | 538   | 573   | 600   | 600   |
| 72.5°  | 683   | 666   | 638   | 614   | 638   | 666   | 683   | 707   | 728   | 742   | 735   |
| 70°    | 883   | 890   | 883   | 873   | 883   | 890   | 883   | 880   | 880   | 876   | 869   |
| 67.5°  | 1049  | 1056  | 1056  | 1059  | 1056  | 1056  | 1049  | 1045  | 1038  | 1024  | 1011  |
| 65°    | 1228  | 1231  | 1242  | 1245  | 1242  | 1231  | 1228  | 1218  | 1207  | 1190  | 1169  |
| 62.5°  | 1435  | 1445  | 1452  | 1452  | 1452  | 1445  | 1435  | 1425  | 1407  | 1383  | 1356  |
| 60°    | 1683  | 1697  | 1714  | 1718  | 1714  | 1697  | 1683  | 1666  | 1638  | 1607  | 1573  |
| 57.5°  | 1980  | 1997  | 2021  | 2028  | 2021  | 1997  | 1980  | 1952  | 1918  | 1876  | 1825  |
| 55°    | 2339  | 2363  | 2377  | 2370  | 2377  | 2363  | 2339  | 2304  | 2256  | 2201  | 2132  |
| 52.5°  | 2804  | 2846  | 2873  | 2859  | 2873  | 2846  | 2804  | 2746  | 2677  | 2594  | 2501  |
| 50°    | 3366  | 3418  | 3453  | 3442  | 3453  | 3418  | 3366  | 3291  | 3197  | 3084  | 2953  |
| 47.5°  | 4070  | 4143  | 4201  | 4205  | 4201  | 4143  | 4070  | 3970  | 3842  | 3691  | 3511  |
| 45°    | 4994  | 5101  | 5181  | 5167  | 5181  | 5101  | 4994  | 4846  | 4660  | 4439  | 4218  |
| 42.5°  | 6195  | 6343  | 6460  | 6450  | 6460  | 6343  | 6195  | 5988  | 5719  | 5395  | 5063  |
| 40°    | 7606  | 7788  | 7944  | 7985  | 7944  | 7788  | 7606  | 7347  | 6998  | 6588  | 6167  |
| 37.5°  | 9058  | 9292  | 9489  | 9468  | 9489  | 9292  | 9058  | 8761  | 8395  | 7937  | 7437  |
| 35°    | 10517 | 10762 | 10955 | 10972 | 10955 | 10762 | 10517 | 10196 | 9810  | 9344  | 8775  |
| 32.5°  | 12045 | 12317 | 12545 | 12576 | 12545 | 12317 | 12045 | 11683 | 11227 | 10696 | 10103 |
| 30°    | 13638 | 13966 | 14238 | 14294 | 14238 | 13966 | 13638 | 13217 | 12707 | 12110 | 11420 |
| 27.5°  | 15315 | 15704 | 15963 | 16063 | 15963 | 15704 | 15315 | 14807 | 14173 | 13545 | 12790 |
| 25°    | 17043 | 17467 | 17757 | 17919 | 17757 | 17467 | 17043 | 16494 | 15808 | 15039 | 14156 |
| 22.5°  | 18847 | 19350 | 19726 | 19905 | 19726 | 19350 | 18847 | 18208 | 17436 | 16549 | 15535 |
| 20°    | 20709 | 21257 | 21696 | 21882 | 21696 | 21257 | 20709 | 19964 | 19084 | 18015 | 16884 |
| 17.5°  | 22606 | 23275 | 23762 | 24000 | 23762 | 23275 | 22606 | 21816 | 20719 | 19474 | 18184 |
| 15°    | 24448 | 25159 | 25686 | 25942 | 25686 | 25159 | 24448 | 23510 | 22282 | 20902 | 19450 |
| 12.5°  | 26155 | 26907 | 27435 | 27804 | 27435 | 26907 | 26155 | 25090 | 23758 | 22272 | 20661 |
| 10°    | 27680 | 28501 | 29035 | 29418 | 29035 | 28501 | 27680 | 26486 | 25038 | 23458 | 21733 |
| 7.5°   | 28822 | 29860 | 30463 | 30839 | 30463 | 29860 | 28822 | 27566 | 26048 | 24351 | 22527 |
| 5°     | 29698 | 30843 | 31391 | 31747 | 31391 | 30843 | 29698 | 28404 | 26852 | 25096 | 23234 |
| 2.5°   | 30339 | 31243 | 31929 | 32285 | 31929 | 31243 | 30339 | 29018 | 27290 | 25486 | 23582 |
| 0°     | 30591 | 31653 | 32140 | 32371 | 32140 | 31653 | 30591 | 29208 | 27583 | 25624 | 23672 |
| -2.5°  | 30339 | 31243 | 31929 | 32285 | 31929 | 31243 | 30339 | 29018 | 27290 | 25486 | 23582 |
| -5°    | 29698 | 30843 | 31391 | 31747 | 31391 | 30843 | 29698 | 28404 | 26852 | 25096 | 23234 |
| -7.5°  | 28822 | 29860 | 30463 | 30839 | 30463 | 29860 | 28822 | 27566 | 26048 | 24351 | 22527 |
| -10°   | 27680 | 28501 | 29035 | 29418 | 29035 | 28501 | 27680 | 26486 | 25038 | 23458 | 21733 |
| -12.5° | 26155 | 26907 | 27435 | 27804 | 27435 | 26907 | 26155 | 25090 | 23758 | 22272 | 20661 |
| -15°   | 24448 | 25159 | 25686 | 25942 | 25686 | 25159 | 24448 | 23510 | 22282 | 20902 | 19450 |
| -17.5° | 22606 | 23275 | 23762 | 24000 | 23762 | 23275 | 22606 | 21816 | 20719 | 19474 | 18184 |
| -20°   | 20709 | 21257 | 21696 | 21882 | 21696 | 21257 | 20709 | 19964 | 19084 | 18015 | 16884 |



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**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -5°   | -2.5° | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 18847 | 19350 | 19726 | 19905 | 19726 | 19350 | 18847 | 18208 | 17436 | 16549 | 15535 |
| -25°   | 17043 | 17467 | 17757 | 17919 | 17757 | 17467 | 17043 | 16494 | 15808 | 15039 | 14156 |
| -27.5° | 15315 | 15704 | 15963 | 16063 | 15963 | 15704 | 15315 | 14807 | 14173 | 13545 | 12790 |
| -30°   | 13638 | 13966 | 14238 | 14294 | 14238 | 13966 | 13638 | 13217 | 12707 | 12110 | 11420 |
| -32.5° | 12045 | 12317 | 12545 | 12576 | 12545 | 12317 | 12045 | 11683 | 11227 | 10696 | 10103 |
| -35°   | 10517 | 10762 | 10955 | 10972 | 10955 | 10762 | 10517 | 10196 | 9810  | 9344  | 8775  |
| -37.5° | 9058  | 9292  | 9489  | 9468  | 9489  | 9292  | 9058  | 8761  | 8395  | 7937  | 7437  |
| -40°   | 7606  | 7788  | 7944  | 7985  | 7944  | 7788  | 7606  | 7347  | 6998  | 6588  | 6167  |
| -42.5° | 6195  | 6343  | 6460  | 6450  | 6460  | 6343  | 6195  | 5988  | 5719  | 5395  | 5063  |
| -45°   | 4994  | 5101  | 5181  | 5167  | 5181  | 5101  | 4994  | 4846  | 4660  | 4439  | 4218  |
| -47.5° | 4070  | 4143  | 4201  | 4205  | 4201  | 4143  | 4070  | 3970  | 3842  | 3691  | 3511  |
| -50°   | 3366  | 3418  | 3453  | 3442  | 3453  | 3418  | 3366  | 3291  | 3197  | 3084  | 2953  |
| -52.5° | 2804  | 2846  | 2873  | 2859  | 2873  | 2846  | 2804  | 2746  | 2677  | 2594  | 2501  |
| -55°   | 2339  | 2363  | 2377  | 2370  | 2377  | 2363  | 2339  | 2304  | 2256  | 2201  | 2132  |
| -57.5° | 1980  | 1997  | 2021  | 2028  | 2021  | 1997  | 1980  | 1952  | 1918  | 1876  | 1825  |
| -60°   | 1683  | 1697  | 1714  | 1718  | 1714  | 1697  | 1683  | 1666  | 1638  | 1607  | 1573  |
| -62.5° | 1435  | 1445  | 1452  | 1452  | 1452  | 1445  | 1435  | 1425  | 1407  | 1383  | 1356  |
| -65°   | 1228  | 1231  | 1242  | 1245  | 1242  | 1231  | 1228  | 1218  | 1207  | 1190  | 1169  |
| -67.5° | 1049  | 1056  | 1056  | 1059  | 1056  | 1056  | 1049  | 1045  | 1038  | 1024  | 1011  |
| -70°   | 883   | 890   | 883   | 873   | 883   | 890   | 883   | 880   | 880   | 876   | 869   |
| -72.5° | 683   | 666   | 638   | 614   | 638   | 666   | 683   | 707   | 728   | 742   | 735   |
| -75°   | 500   | 462   | 452   | 442   | 452   | 462   | 500   | 538   | 573   | 600   | 600   |
| -77.5° | 369   | 331   | 317   | 307   | 317   | 331   | 369   | 407   | 445   | 476   | 479   |
| -80°   | 273   | 231   | 224   | 217   | 224   | 231   | 273   | 304   | 338   | 373   | 376   |
| -82.5° | 193   | 159   | 152   | 145   | 152   | 159   | 193   | 221   | 252   | 279   | 286   |
| -85°   | 121   | 100   | 97    | 90    | 97    | 100   | 121   | 141   | 159   | 176   | 176   |
| -87.5° | 59    | 48    | 45    | 38    | 45    | 48    | 59    | 72    | 83    | 93    | 90    |
| -90°   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 20°   | 22.5° | 25°   | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°  | 42.5° | 45°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| 90°    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0     | 0    |
| 87.5°  | 86    | 86    | 83    | 86    | 86    | 86    | 86    | 76    | 69   | 62    | 55   |
| 85°    | 176   | 176   | 176   | 176   | 176   | 176   | 173   | 159   | 141  | 128   | 114  |
| 82.5°  | 290   | 293   | 293   | 286   | 276   | 269   | 259   | 235   | 210  | 190   | 169  |
| 80°    | 383   | 386   | 390   | 379   | 369   | 359   | 342   | 310   | 279  | 248   | 224  |
| 77.5°  | 479   | 483   | 479   | 469   | 459   | 445   | 424   | 393   | 362  | 331   | 307  |
| 75°    | 600   | 597   | 590   | 576   | 562   | 548   | 531   | 504   | 469  | 431   | 404  |
| 72.5°  | 728   | 717   | 707   | 690   | 669   | 649   | 628   | 604   | 576  | 545   | 517  |
| 70°    | 855   | 842   | 824   | 800   | 776   | 752   | 728   | 697   | 669  | 638   | 611  |
| 67.5°  | 993   | 976   | 952   | 924   | 893   | 862   | 831   | 797   | 762  | 728   | 697  |
| 65°    | 1145  | 1121  | 1090  | 1059  | 1024  | 987   | 945   | 904   | 866  | 821   | 783  |
| 62.5°  | 1321  | 1283  | 1245  | 1211  | 1166  | 1121  | 1073  | 1024  | 976  | 928   | 876  |
| 60°    | 1531  | 1483  | 1438  | 1383  | 1328  | 1273  | 1214  | 1156  | 1093 | 1038  | 976  |
| 57.5°  | 1766  | 1707  | 1649  | 1587  | 1514  | 1445  | 1373  | 1297  | 1228 | 1156  | 1083 |
| 55°    | 2056  | 1980  | 1901  | 1814  | 1728  | 1638  | 1549  | 1459  | 1373 | 1280  | 1200 |
| 52.5°  | 2397  | 2301  | 2197  | 2080  | 1973  | 1859  | 1752  | 1638  | 1531 | 1425  | 1321 |
| 50°    | 2821  | 2690  | 2546  | 2394  | 2256  | 2108  | 1970  | 1835  | 1704 | 1580  | 1456 |
| 47.5°  | 3339  | 3156  | 2959  | 2773  | 2584  | 2390  | 2225  | 2063  | 1897 | 1742  | 1604 |
| 45°    | 3967  | 3715  | 3449  | 3215  | 2959  | 2732  | 2501  | 2301  | 2108 | 1932  | 1756 |
| 42.5°  | 4746  | 4391  | 4056  | 3736  | 3408  | 3118  | 2828  | 2580  | 2346 | 2128  | 1932 |
| 40°    | 5722  | 5219  | 4798  | 4353  | 3960  | 3560  | 3218  | 2897  | 2608 | 2349  | 2108 |
| 37.5°  | 6878  | 6288  | 5695  | 5091  | 4591  | 4098  | 3646  | 3249  | 2901 | 2587  | 2308 |
| 35°    | 8140  | 7464  | 6740  | 6022  | 5295  | 4708  | 4139  | 3642  | 3218 | 2839  | 2515 |
| 32.5°  | 9475  | 8668  | 7864  | 7033  | 6188  | 5377  | 4705  | 4087  | 3556 | 3122  | 2739 |
| 30°    | 10665 | 9851  | 8978  | 8071  | 7126  | 6181  | 5305  | 4587  | 3956 | 3408  | 2966 |
| 27.5°  | 11927 | 11003 | 10061 | 9089  | 8075  | 7023  | 6009  | 5095  | 4356 | 3739  | 3218 |
| 25°    | 13186 | 12169 | 11117 | 10065 | 8992  | 7868  | 6705  | 5674  | 4798 | 4067  | 3442 |
| 22.5°  | 14432 | 13317 | 12172 | 10979 | 9841  | 8654  | 7440  | 6236  | 5205 | 4391  | 3704 |
| 20°    | 15690 | 14438 | 13197 | 11903 | 10634 | 9423  | 8119  | 6829  | 5684 | 4725  | 3946 |
| 17.5°  | 16891 | 15532 | 14125 | 12714 | 11376 | 10054 | 8727  | 7402  | 6126 | 5029  | 4187 |
| 15°    | 18026 | 16511 | 14997 | 13476 | 12017 | 10662 | 9268  | 7899  | 6543 | 5350  | 4398 |
| 12.5°  | 19005 | 17346 | 15770 | 14180 | 12628 | 11186 | 9748  | 8330  | 6936 | 5660  | 4612 |
| 10°    | 19895 | 18108 | 16442 | 14790 | 13183 | 11638 | 10144 | 8689  | 7257 | 5912  | 4784 |
| 7.5°   | 20654 | 18788 | 17005 | 15263 | 13593 | 11979 | 10444 | 8965  | 7506 | 6105  | 4919 |
| 5°     | 21237 | 19247 | 17384 | 15570 | 13866 | 12207 | 10658 | 9161  | 7681 | 6243  | 5005 |
| 2.5°   | 21513 | 19519 | 17588 | 15739 | 14100 | 12410 | 10851 | 9337  | 7830 | 6374  | 5098 |
| 0°     | 21651 | 19619 | 17681 | 15884 | 14200 | 12493 | 10903 | 9361  | 7826 | 6391  | 5105 |
| -2.5°  | 21513 | 19519 | 17588 | 15739 | 14100 | 12410 | 10851 | 9337  | 7830 | 6374  | 5098 |
| -5°    | 21237 | 19247 | 17384 | 15570 | 13866 | 12207 | 10658 | 9161  | 7681 | 6243  | 5005 |
| -7.5°  | 20654 | 18788 | 17005 | 15263 | 13593 | 11979 | 10444 | 8965  | 7506 | 6105  | 4919 |
| -10°   | 19895 | 18108 | 16442 | 14790 | 13183 | 11638 | 10144 | 8689  | 7257 | 5912  | 4784 |
| -12.5° | 19005 | 17346 | 15770 | 14180 | 12628 | 11186 | 9748  | 8330  | 6936 | 5660  | 4612 |
| -15°   | 18026 | 16511 | 14997 | 13476 | 12017 | 10662 | 9268  | 7899  | 6543 | 5350  | 4398 |
| -17.5° | 16891 | 15532 | 14125 | 12714 | 11376 | 10054 | 8727  | 7402  | 6126 | 5029  | 4187 |
| -20°   | 15690 | 14438 | 13197 | 11903 | 10634 | 9423  | 8119  | 6829  | 5684 | 4725  | 3946 |



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**CANDELA DISTRIBUTION (continued):**

|        | 20°   | 22.5° | 25°   | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  |
|--------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|
| -22.5° | 14432 | 13317 | 12172 | 10979 | 9841 | 8654  | 7440 | 6236  | 5205 | 4391  | 3704 |
| -25°   | 13186 | 12169 | 11117 | 10065 | 8992 | 7868  | 6705 | 5674  | 4798 | 4067  | 3442 |
| -27.5° | 11927 | 11003 | 10061 | 9089  | 8075 | 7023  | 6009 | 5095  | 4356 | 3739  | 3218 |
| -30°   | 10665 | 9851  | 8978  | 8071  | 7126 | 6181  | 5305 | 4587  | 3956 | 3408  | 2966 |
| -32.5° | 9475  | 8668  | 7864  | 7033  | 6188 | 5377  | 4705 | 4087  | 3556 | 3122  | 2739 |
| -35°   | 8140  | 7464  | 6740  | 6022  | 5295 | 4708  | 4139 | 3642  | 3218 | 2839  | 2515 |
| -37.5° | 6878  | 6288  | 5695  | 5091  | 4591 | 4098  | 3646 | 3249  | 2901 | 2587  | 2308 |
| -40°   | 5722  | 5219  | 4798  | 4353  | 3960 | 3560  | 3218 | 2897  | 2608 | 2349  | 2108 |
| -42.5° | 4746  | 4391  | 4056  | 3736  | 3408 | 3118  | 2828 | 2580  | 2346 | 2128  | 1932 |
| -45°   | 3967  | 3715  | 3449  | 3215  | 2959 | 2732  | 2501 | 2301  | 2108 | 1932  | 1756 |
| -47.5° | 3339  | 3156  | 2959  | 2773  | 2584 | 2390  | 2225 | 2063  | 1897 | 1742  | 1604 |
| -50°   | 2821  | 2690  | 2546  | 2394  | 2256 | 2108  | 1970 | 1835  | 1704 | 1580  | 1456 |
| -52.5° | 2397  | 2301  | 2197  | 2080  | 1973 | 1859  | 1752 | 1638  | 1531 | 1425  | 1321 |
| -55°   | 2056  | 1980  | 1901  | 1814  | 1728 | 1638  | 1549 | 1459  | 1373 | 1280  | 1200 |
| -57.5° | 1766  | 1707  | 1649  | 1587  | 1514 | 1445  | 1373 | 1297  | 1228 | 1156  | 1083 |
| -60°   | 1531  | 1483  | 1438  | 1383  | 1328 | 1273  | 1214 | 1156  | 1093 | 1038  | 976  |
| -62.5° | 1321  | 1283  | 1245  | 1211  | 1166 | 1121  | 1073 | 1024  | 976  | 928   | 876  |
| -65°   | 1145  | 1121  | 1090  | 1059  | 1024 | 987   | 945  | 904   | 866  | 821   | 783  |
| -67.5° | 993   | 976   | 952   | 924   | 893  | 862   | 831  | 797   | 762  | 728   | 697  |
| -70°   | 855   | 842   | 824   | 800   | 776  | 752   | 728  | 697   | 669  | 638   | 611  |
| -72.5° | 728   | 717   | 707   | 690   | 669  | 649   | 628  | 604   | 576  | 545   | 517  |
| -75°   | 600   | 597   | 590   | 576   | 562  | 548   | 531  | 504   | 469  | 431   | 404  |
| -77.5° | 479   | 483   | 479   | 469   | 459  | 445   | 424  | 393   | 362  | 331   | 307  |
| -80°   | 383   | 386   | 390   | 379   | 369  | 359   | 342  | 310   | 279  | 248   | 224  |
| -82.5° | 290   | 293   | 293   | 286   | 276  | 269   | 259  | 235   | 210  | 190   | 169  |
| -85°   | 176   | 176   | 176   | 176   | 176  | 176   | 173  | 159   | 141  | 128   | 114  |
| -87.5° | 86    | 86    | 83    | 86    | 86   | 86    | 86   | 76    | 69   | 62    | 55   |
| -90°   | 0     | 0     | 0     | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0    |





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**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°  | 52.5° | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70° | 72.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|
| 90°    | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     |
| 87.5°  | 59    | 62   | 66    | 66   | 66    | 62   | 59    | 55   | 48    | 45  | 41    |
| 85°    | 121   | 124  | 131   | 135  | 128   | 124  | 114   | 107  | 100   | 90  | 83    |
| 82.5°  | 179   | 186  | 193   | 193  | 186   | 179  | 169   | 159  | 148   | 135 | 121   |
| 80°    | 238   | 248  | 259   | 259  | 248   | 235  | 221   | 207  | 193   | 176 | 159   |
| 77.5°  | 314   | 321  | 324   | 328  | 314   | 300  | 283   | 259  | 238   | 217 | 197   |
| 75°    | 397   | 397  | 400   | 393  | 379   | 369  | 345   | 317  | 286   | 259 | 231   |
| 72.5°  | 497   | 479  | 473   | 462  | 438   | 417  | 400   | 376  | 335   | 297 | 266   |
| 70°    | 583   | 559  | 538   | 517  | 493   | 466  | 445   | 414  | 379   | 335 | 297   |
| 67.5°  | 666   | 635  | 604   | 576  | 545   | 517  | 486   | 448  | 411   | 369 | 328   |
| 65°    | 749   | 711  | 673   | 635  | 600   | 566  | 531   | 486  | 442   | 400 | 355   |
| 62.5°  | 831   | 786  | 742   | 697  | 655   | 614  | 576   | 524  | 473   | 428 | 379   |
| 60°    | 918   | 869  | 818   | 766  | 714   | 666  | 617   | 562  | 507   | 452 | 404   |
| 57.5°  | 1018  | 949  | 890   | 831  | 773   | 717  | 659   | 600  | 542   | 483 | 424   |
| 55°    | 1118  | 1042 | 966   | 900  | 835   | 773  | 704   | 638  | 573   | 511 | 445   |
| 52.5°  | 1225  | 1135 | 1052  | 969  | 897   | 824  | 752   | 683  | 607   | 538 | 459   |
| 50°    | 1342  | 1235 | 1138  | 1045 | 959   | 880  | 800   | 721  | 642   | 566 | 476   |
| 47.5°  | 1466  | 1342 | 1228  | 1121 | 1028  | 931  | 845   | 762  | 676   | 597 | 493   |
| 45°    | 1604  | 1456 | 1321  | 1204 | 1090  | 987  | 893   | 800  | 711   | 617 | 504   |
| 42.5°  | 1738  | 1576 | 1425  | 1280 | 1159  | 1042 | 942   | 842  | 745   | 635 | 521   |
| 40°    | 1897  | 1697 | 1528  | 1373 | 1228  | 1097 | 983   | 880  | 780   | 655 | 535   |
| 37.5°  | 2063  | 1832 | 1635  | 1456 | 1297  | 1156 | 1031  | 914  | 804   | 676 | 548   |
| 35°    | 2228  | 1970 | 1742  | 1542 | 1369  | 1214 | 1076  | 952  | 828   | 693 | 562   |
| 32.5°  | 2401  | 2108 | 1849  | 1628 | 1438  | 1273 | 1121  | 987  | 855   | 714 | 573   |
| 30°    | 2590  | 2252 | 1959  | 1711 | 1504  | 1325 | 1166  | 1021 | 883   | 731 | 583   |
| 27.5°  | 2770  | 2387 | 2066  | 1801 | 1573  | 1380 | 1207  | 1056 | 914   | 749 | 597   |
| 25°    | 2949  | 2532 | 2180  | 1883 | 1638  | 1428 | 1249  | 1087 | 942   | 769 | 607   |
| 22.5°  | 3142  | 2673 | 2283  | 1963 | 1697  | 1476 | 1287  | 1121 | 966   | 790 | 617   |
| 20°    | 3318  | 2801 | 2373  | 2039 | 1759  | 1525 | 1325  | 1149 | 987   | 811 | 628   |
| 17.5°  | 3480  | 2932 | 2483  | 2118 | 1818  | 1569 | 1356  | 1173 | 1007  | 828 | 635   |
| 15°    | 3656  | 3063 | 2580  | 2187 | 1870  | 1607 | 1387  | 1197 | 1024  | 845 | 638   |
| 12.5°  | 3808  | 3173 | 2663  | 2249 | 1914  | 1638 | 1411  | 1214 | 1042  | 862 | 645   |
| 10°    | 3932  | 3263 | 2732  | 2297 | 1949  | 1666 | 1428  | 1231 | 1052  | 873 | 649   |
| 7.5°   | 4029  | 3332 | 2784  | 2335 | 1976  | 1687 | 1445  | 1242 | 1062  | 883 | 649   |
| 5°     | 4101  | 3384 | 2818  | 2363 | 1997  | 1704 | 1459  | 1252 | 1073  | 897 | 652   |
| 2.5°   | 4167  | 3439 | 2846  | 2387 | 2014  | 1718 | 1469  | 1259 | 1073  | 893 | 645   |
| 0°     | 4177  | 3449 | 2842  | 2387 | 2014  | 1721 | 1469  | 1259 | 1069  | 890 | 638   |
| -2.5°  | 4167  | 3439 | 2846  | 2387 | 2014  | 1718 | 1469  | 1259 | 1073  | 893 | 645   |
| -5°    | 4101  | 3384 | 2818  | 2363 | 1997  | 1704 | 1459  | 1252 | 1073  | 897 | 652   |
| -7.5°  | 4029  | 3332 | 2784  | 2335 | 1976  | 1687 | 1445  | 1242 | 1062  | 883 | 649   |
| -10°   | 3932  | 3263 | 2732  | 2297 | 1949  | 1666 | 1428  | 1231 | 1052  | 873 | 649   |
| -12.5° | 3808  | 3173 | 2663  | 2249 | 1914  | 1638 | 1411  | 1214 | 1042  | 862 | 645   |
| -15°   | 3656  | 3063 | 2580  | 2187 | 1870  | 1607 | 1387  | 1197 | 1024  | 845 | 638   |
| -17.5° | 3480  | 2932 | 2483  | 2118 | 1818  | 1569 | 1356  | 1173 | 1007  | 828 | 635   |
| -20°   | 3318  | 2801 | 2373  | 2039 | 1759  | 1525 | 1325  | 1149 | 987   | 811 | 628   |



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**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°  | 52.5° | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70° | 72.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|
| -22.5° | 3142  | 2673 | 2283  | 1963 | 1697  | 1476 | 1287  | 1121 | 966   | 790 | 617   |
| -25°   | 2949  | 2532 | 2180  | 1883 | 1638  | 1428 | 1249  | 1087 | 942   | 769 | 607   |
| -27.5° | 2770  | 2387 | 2066  | 1801 | 1573  | 1380 | 1207  | 1056 | 914   | 749 | 597   |
| -30°   | 2590  | 2252 | 1959  | 1711 | 1504  | 1325 | 1166  | 1021 | 883   | 731 | 583   |
| -32.5° | 2401  | 2108 | 1849  | 1628 | 1438  | 1273 | 1121  | 987  | 855   | 714 | 573   |
| -35°   | 2228  | 1970 | 1742  | 1542 | 1369  | 1214 | 1076  | 952  | 828   | 693 | 562   |
| -37.5° | 2063  | 1832 | 1635  | 1456 | 1297  | 1156 | 1031  | 914  | 804   | 676 | 548   |
| -40°   | 1897  | 1697 | 1528  | 1373 | 1228  | 1097 | 983   | 880  | 780   | 655 | 535   |
| -42.5° | 1738  | 1576 | 1425  | 1280 | 1159  | 1042 | 942   | 842  | 745   | 635 | 521   |
| -45°   | 1604  | 1456 | 1321  | 1204 | 1090  | 987  | 893   | 800  | 711   | 617 | 504   |
| -47.5° | 1466  | 1342 | 1228  | 1121 | 1028  | 931  | 845   | 762  | 676   | 597 | 493   |
| -50°   | 1342  | 1235 | 1138  | 1045 | 959   | 880  | 800   | 721  | 642   | 566 | 476   |
| -52.5° | 1225  | 1135 | 1052  | 969  | 897   | 824  | 752   | 683  | 607   | 538 | 459   |
| -55°   | 1118  | 1042 | 966   | 900  | 835   | 773  | 704   | 638  | 573   | 511 | 445   |
| -57.5° | 1018  | 949  | 890   | 831  | 773   | 717  | 659   | 600  | 542   | 483 | 424   |
| -60°   | 918   | 869  | 818   | 766  | 714   | 666  | 617   | 562  | 507   | 452 | 404   |
| -62.5° | 831   | 786  | 742   | 697  | 655   | 614  | 576   | 524  | 473   | 428 | 379   |
| -65°   | 749   | 711  | 673   | 635  | 600   | 566  | 531   | 486  | 442   | 400 | 355   |
| -67.5° | 666   | 635  | 604   | 576  | 545   | 517  | 486   | 448  | 411   | 369 | 328   |
| -70°   | 583   | 559  | 538   | 517  | 493   | 466  | 445   | 414  | 379   | 335 | 297   |
| -72.5° | 497   | 479  | 473   | 462  | 438   | 417  | 400   | 376  | 335   | 297 | 266   |
| -75°   | 397   | 397  | 400   | 393  | 379   | 369  | 345   | 317  | 286   | 259 | 231   |
| -77.5° | 314   | 321  | 324   | 328  | 314   | 300  | 283   | 259  | 238   | 217 | 197   |
| -80°   | 238   | 248  | 259   | 259  | 248   | 235  | 221   | 207  | 193   | 176 | 159   |
| -82.5° | 179   | 186  | 193   | 193  | 186   | 179  | 169   | 159  | 148   | 135 | 121   |
| -85°   | 121   | 124  | 131   | 135  | 128   | 124  | 114   | 107  | 100   | 90  | 83    |
| -87.5° | 59    | 62   | 66    | 66   | 66    | 62   | 59    | 55   | 48    | 45  | 41    |
| -90°   | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 87.5°  | 35  | 28    | 21  | 14    | 7   | 3     | 0   |
| 85°    | 72  | 55    | 38  | 24    | 14  | 7     | 0   |
| 82.5°  | 107 | 79    | 59  | 38    | 24  | 10    | 0   |
| 80°    | 141 | 107   | 76  | 52    | 31  | 14    | 0   |
| 77.5°  | 173 | 131   | 97  | 62    | 38  | 17    | 0   |
| 75°    | 200 | 152   | 114 | 76    | 45  | 21    | 0   |
| 72.5°  | 228 | 173   | 128 | 86    | 52  | 24    | 0   |
| 70°    | 255 | 193   | 141 | 100   | 59  | 28    | 0   |
| 67.5°  | 276 | 210   | 155 | 107   | 66  | 31    | 0   |
| 65°    | 293 | 228   | 166 | 114   | 72  | 31    | 0   |
| 62.5°  | 310 | 241   | 176 | 121   | 79  | 35    | 0   |
| 60°    | 331 | 255   | 190 | 128   | 83  | 38    | 0   |
| 57.5°  | 345 | 266   | 197 | 135   | 86  | 41    | 0   |
| 55°    | 359 | 279   | 204 | 141   | 93  | 45    | 0   |
| 52.5°  | 373 | 290   | 214 | 145   | 97  | 45    | 0   |
| 50°    | 383 | 300   | 221 | 148   | 100 | 48    | 0   |
| 47.5°  | 397 | 307   | 224 | 152   | 104 | 52    | 0   |
| 45°    | 407 | 317   | 231 | 155   | 107 | 52    | 0   |
| 42.5°  | 417 | 324   | 235 | 159   | 107 | 55    | 0   |
| 40°    | 428 | 328   | 241 | 166   | 110 | 59    | 0   |
| 37.5°  | 435 | 335   | 245 | 169   | 114 | 59    | 0   |
| 35°    | 438 | 338   | 248 | 173   | 117 | 62    | 0   |
| 32.5°  | 445 | 345   | 252 | 179   | 117 | 62    | 0   |
| 30°    | 455 | 345   | 252 | 183   | 121 | 62    | 0   |
| 27.5°  | 462 | 348   | 259 | 183   | 121 | 66    | 0   |
| 25°    | 466 | 348   | 262 | 186   | 124 | 66    | 0   |
| 22.5°  | 469 | 352   | 266 | 190   | 124 | 66    | 0   |
| 20°    | 473 | 355   | 269 | 193   | 128 | 69    | 0   |
| 17.5°  | 476 | 362   | 273 | 193   | 128 | 69    | 0   |
| 15°    | 483 | 366   | 273 | 193   | 128 | 72    | 0   |
| 12.5°  | 486 | 366   | 273 | 197   | 128 | 72    | 0   |
| 10°    | 490 | 369   | 273 | 197   | 131 | 69    | 0   |
| 7.5°   | 490 | 369   | 276 | 197   | 131 | 69    | 0   |
| 5°     | 490 | 373   | 273 | 197   | 128 | 69    | 0   |
| 2.5°   | 483 | 373   | 273 | 193   | 128 | 69    | 0   |
| 0°     | 479 | 369   | 269 | 193   | 128 | 69    | 0   |
| -2.5°  | 483 | 373   | 273 | 193   | 128 | 69    | 0   |
| -5°    | 490 | 373   | 273 | 197   | 128 | 69    | 0   |
| -7.5°  | 490 | 369   | 276 | 197   | 131 | 69    | 0   |
| -10°   | 490 | 369   | 273 | 197   | 131 | 69    | 0   |
| -12.5° | 486 | 366   | 273 | 197   | 128 | 72    | 0   |
| -15°   | 483 | 366   | 273 | 193   | 128 | 72    | 0   |
| -17.5° | 476 | 362   | 273 | 193   | 128 | 69    | 0   |
| -20°   | 473 | 355   | 269 | 193   | 128 | 69    | 0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 469 | 352   | 266 | 190   | 124 | 66    | 0   |
| -25°   | 466 | 348   | 262 | 186   | 124 | 66    | 0   |
| -27.5° | 462 | 348   | 259 | 183   | 121 | 66    | 0   |
| -30°   | 455 | 345   | 252 | 183   | 121 | 62    | 0   |
| -32.5° | 445 | 345   | 252 | 179   | 117 | 62    | 0   |
| -35°   | 438 | 338   | 248 | 173   | 117 | 62    | 0   |
| -37.5° | 435 | 335   | 245 | 169   | 114 | 59    | 0   |
| -40°   | 428 | 328   | 241 | 166   | 110 | 59    | 0   |
| -42.5° | 417 | 324   | 235 | 159   | 107 | 55    | 0   |
| -45°   | 407 | 317   | 231 | 155   | 107 | 52    | 0   |
| -47.5° | 397 | 307   | 224 | 152   | 104 | 52    | 0   |
| -50°   | 383 | 300   | 221 | 148   | 100 | 48    | 0   |
| -52.5° | 373 | 290   | 214 | 145   | 97  | 45    | 0   |
| -55°   | 359 | 279   | 204 | 141   | 93  | 45    | 0   |
| -57.5° | 345 | 266   | 197 | 135   | 86  | 41    | 0   |
| -60°   | 331 | 255   | 190 | 128   | 83  | 38    | 0   |
| -62.5° | 310 | 241   | 176 | 121   | 79  | 35    | 0   |
| -65°   | 293 | 228   | 166 | 114   | 72  | 31    | 0   |
| -67.5° | 276 | 210   | 155 | 107   | 66  | 31    | 0   |
| -70°   | 255 | 193   | 141 | 100   | 59  | 28    | 0   |
| -72.5° | 228 | 173   | 128 | 86    | 52  | 24    | 0   |
| -75°   | 200 | 152   | 114 | 76    | 45  | 21    | 0   |
| -77.5° | 173 | 131   | 97  | 62    | 38  | 17    | 0   |
| -80°   | 141 | 107   | 76  | 52    | 31  | 14    | 0   |
| -82.5° | 107 | 79    | 59  | 38    | 24  | 10    | 0   |
| -85°   | 72  | 55    | 38  | 24    | 14  | 7     | 0   |
| -87.5° | 35  | 28    | 21  | 14    | 7   | 3     | 0   |
| -90°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |

(END OF REPORT)