

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number:

Luminaire Tested: **ENC-SA1C-740-U-SLR-HSS-ULG**

Issue Date: 3/30/2022

### Test Information

Test Method: LM-79-08  
Report Number: REPORT IS A COMBINATION OF REPORTS P401322 AND P226775  
Test Lab: INNOVATION CENTER  
Issue Date: 3/30/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-SA1C-740-U-SLR-HSS-ULG  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT  
(1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 5165.9 lumens  
Efficiency: N/A  
Efficacy: 103.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.1')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U5 - G1

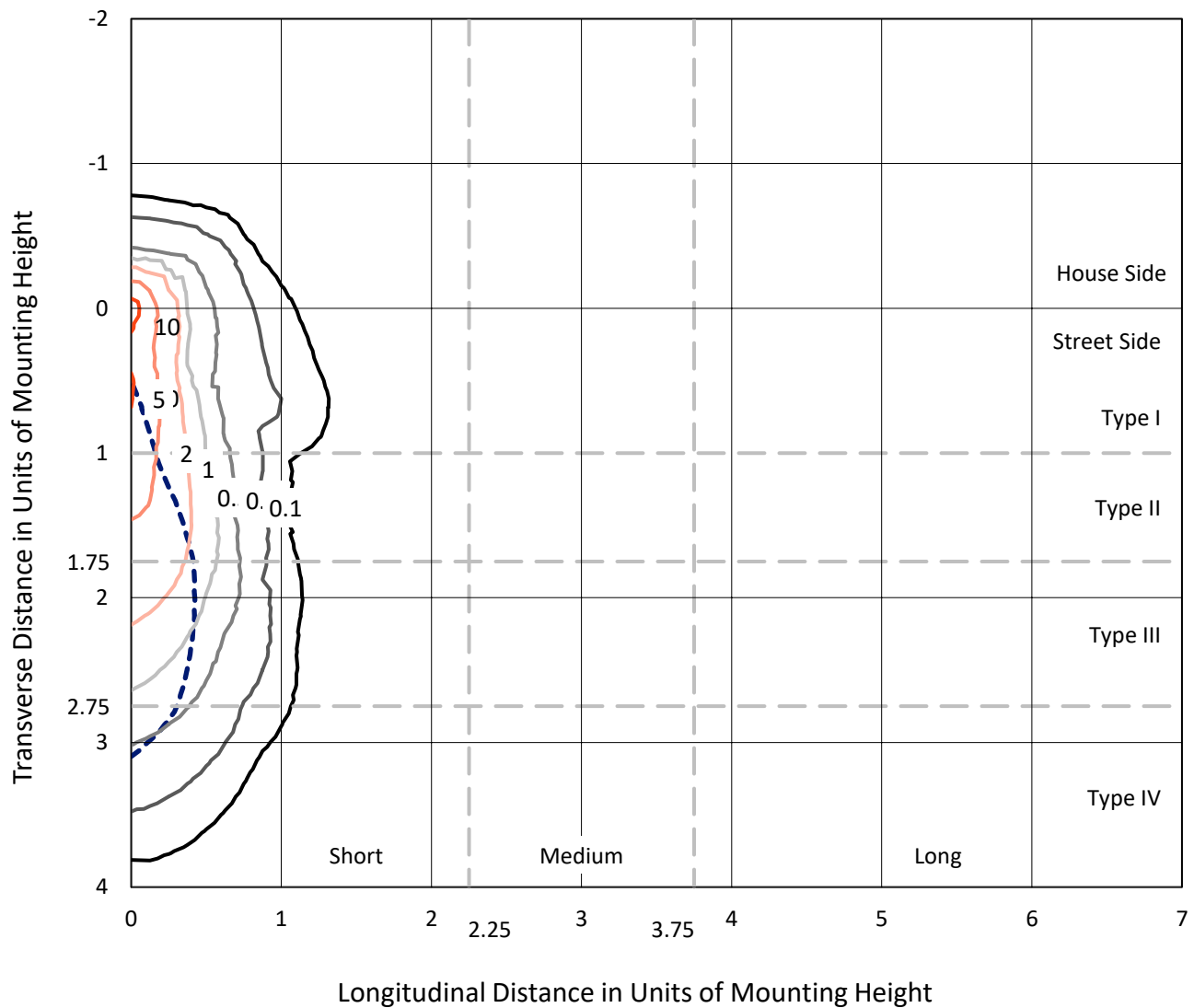
Input Watts (W): 50  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER:  
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## Iso-Footcandle Lines of Horizontal Illumination

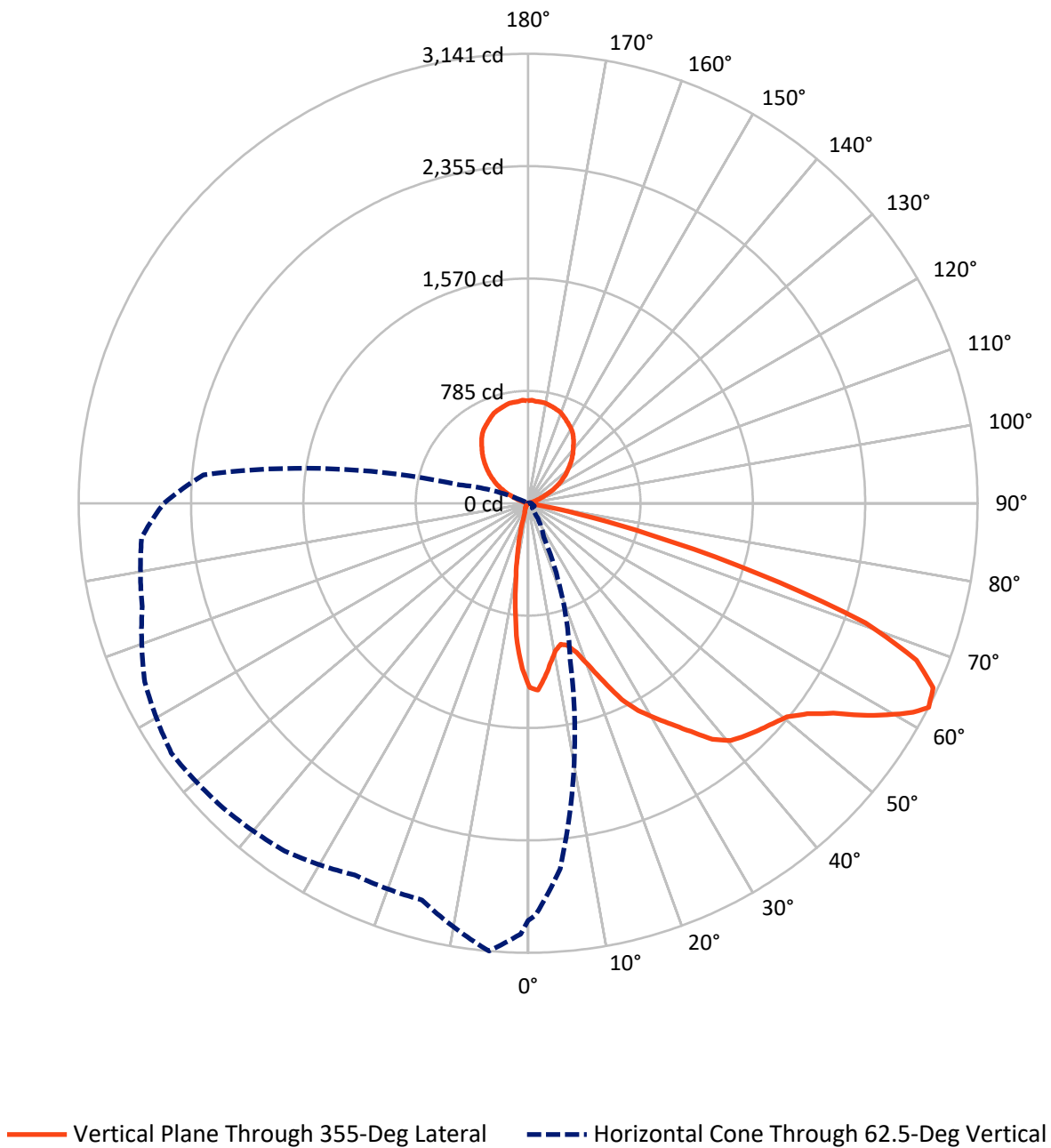
× Max cd  
--- 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.9 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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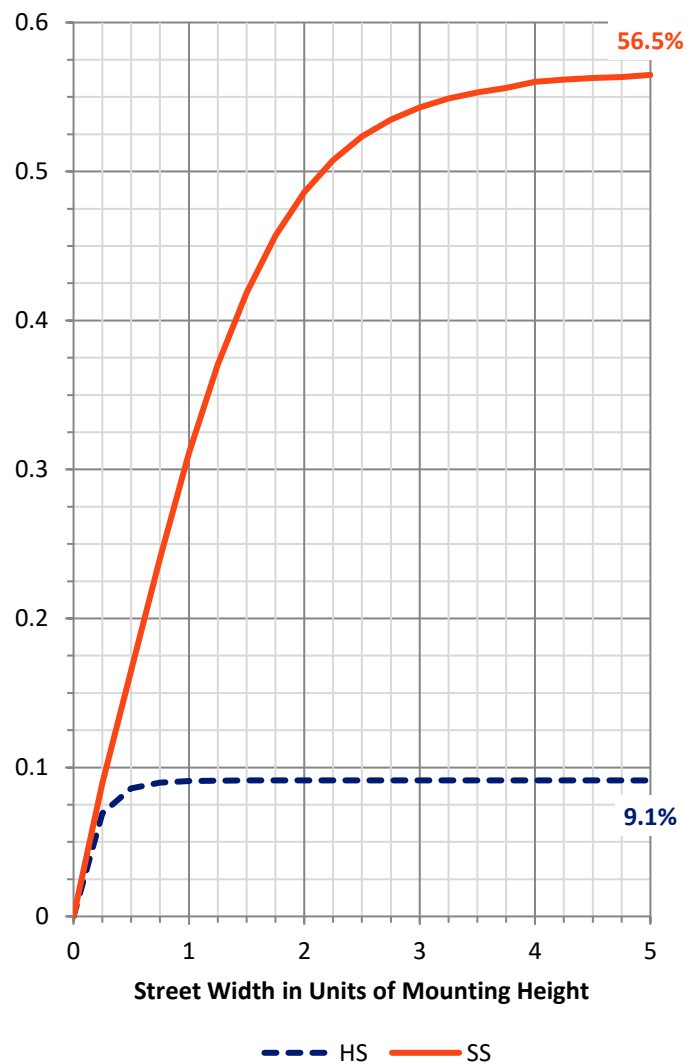
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 477.1    | 887.0  | 1364.1 |
|                    | % Fixture | 9.2      | 17.2   | 26.4   |
| <b>Street Side</b> | Lumens    | 2914.9   | 887.0  | 3801.8 |
|                    | % Fixture | 56.4     | 17.2   | 73.6   |
| <b>Total</b>       | Lumens    | 3392.0   | 1773.9 | 5165.9 |
|                    | % Fixture | 65.7     | 34.3   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.5   | 1.9       |
| 10°-20°   | 183.4  | 3.6       |
| 20°-30°   | 255.2  | 4.9       |
| 30°-40°   | 369.1  | 7.1       |
| 40°-50°   | 529.2  | 10.2      |
| 50°-60°   | 767.7  | 14.9      |
| 60°-70°   | 830.6  | 16.1      |
| 70°-80°   | 335.5  | 6.5       |
| 80°-90°   | 24.8   | 0.5       |
| 90°-100°  | 8.4    | 0.2       |
| 100°-110° | 58.7   | 1.1       |
| 110°-120° | 169.9  | 3.3       |
| 120°-130° | 279.4  | 5.4       |
| 130°-140° | 344.6  | 6.7       |
| 140°-150° | 352.5  | 6.8       |
| 150°-160° | 297.0  | 5.7       |
| 160°-170° | 195.5  | 3.8       |
| 170°-180° | 67.8   | 1.3       |
| 0°-90°    | 3392.0 | 65.7      |
| 0°-180°   | 5165.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER:

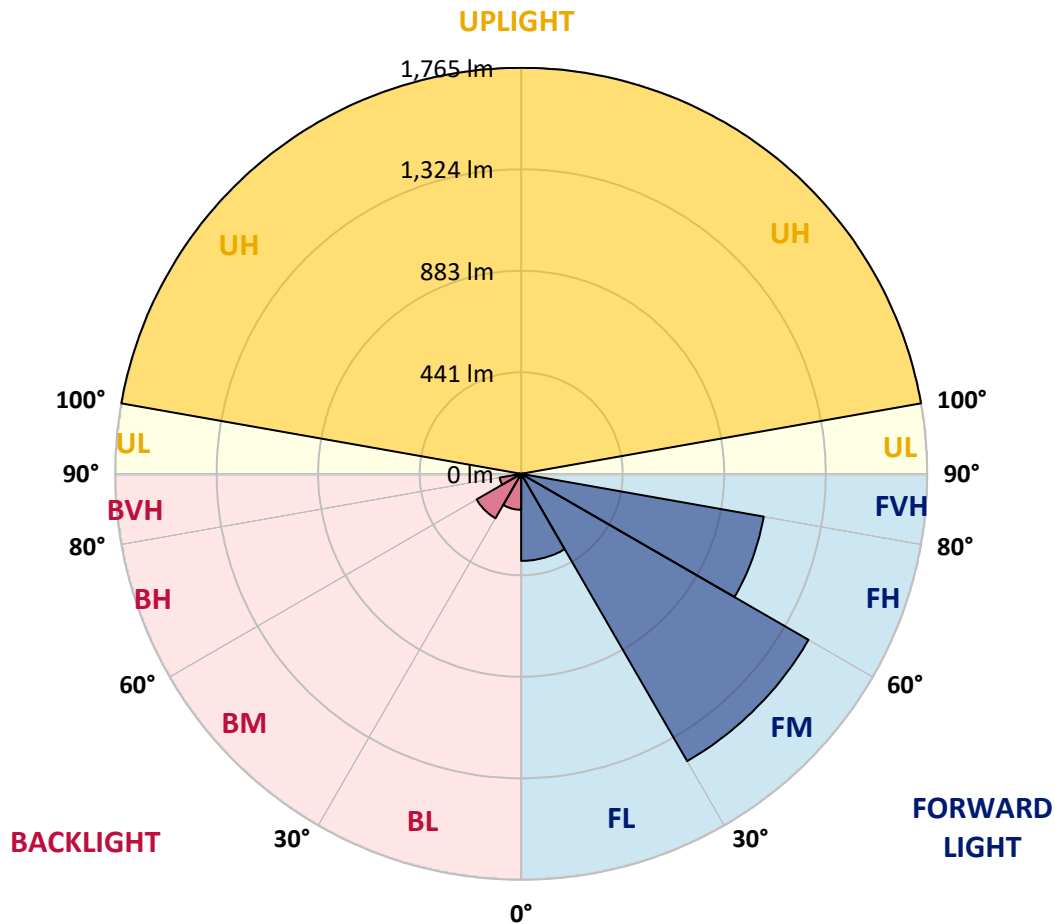
CATALOG NUMBER: ENC-SA1C-740-U-SLR-HSS-ULG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 378.7  | 7.3       |                         |       |         |
| FM   | (30°-60°)   | 1442.7 | 27.9      |                         |       |         |
| FH   | (60°-80°)   | 1071.2 | 20.7      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 22.3   | 0.4       |                         |       | G1/100  |
| BL   | (0°-30°)    | 156.4  | 3.0       | B1/500                  |       |         |
| BM   | (30°-60°)   | 223.3  | 4.3       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 94.9   | 1.8       | B0/110                  |       | G0/110  |
| BVH  | (80°-90°)   | 2.5    | 0.0       |                         |       | G0/10   |
| UL   | (90°-100°)  | 8.4    | 0.2       |                         | U1/10 |         |
| UH   | (100°-180°) | 1765.5 | 34.2      |                         | U5    |         |

**BUG Rating: B1-U5-G1**

Type IV Short



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CATALOG NUMBER: ENC-SA1C-740-U-SLR-HSS-ULG

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 |
| 2.5°   | 1292.0 | 1286.7 | 1274.6 | 1248.4 | 1210.8 | 1186.7 | 1171.2 | 1151.1 | 1130.3 | 1123.6 | 1110.1 |
| 5°     | 1179.3 | 1170.5 | 1153.8 | 1088.0 | 1028.9 | 969.9  | 927.6  | 887.3  | 873.9  | 847.0  | 863.1  |
| 7.5°   | 1070.5 | 1066.5 | 1027.6 | 942.3  | 848.4  | 772.5  | 724.2  | 665.1  | 647.7  | 620.2  | 598.0  |
| 10°    | 985.3  | 981.9  | 935.0  | 823.5  | 722.2  | 659.1  | 620.8  | 582.6  | 544.3  | 505.4  | 474.5  |
| 12.5°  | 942.3  | 935.0  | 880.6  | 760.4  | 666.5  | 614.1  | 573.9  | 522.9  | 481.9  | 429.6  | 392.0  |
| 15°    | 949.1  | 942.3  | 879.9  | 750.4  | 639.6  | 567.1  | 507.4  | 447.0  | 389.3  | 337.6  | 300.7  |
| 17.5°  | 1002.7 | 1000.1 | 924.2  | 759.1  | 607.4  | 511.4  | 431.6  | 350.4  | 281.9  | 226.2  | 194.6  |
| 20°    | 1107.5 | 1099.4 | 989.3  | 777.9  | 573.9  | 447.0  | 337.6  | 237.6  | 180.5  | 142.3  | 128.9  |
| 22.5°  | 1237.0 | 1218.9 | 1092.0 | 805.4  | 541.6  | 377.9  | 244.3  | 159.7  | 128.9  | 114.1  | 104.7  |
| 25°    | 1389.3 | 1390.0 | 1219.5 | 842.3  | 509.4  | 313.4  | 171.2  | 126.9  | 108.7  | 98.0   | 89.9   |
| 27.5°  | 1512.8 | 1503.4 | 1334.3 | 879.2  | 474.5  | 257.1  | 143.6  | 110.7  | 95.3   | 83.9   | 79.2   |
| 30°    | 1604.1 | 1590.0 | 1410.2 | 904.8  | 429.6  | 217.5  | 128.9  | 105.4  | 89.9   | 77.2   | 71.1   |
| 32.5°  | 1698.1 | 1680.6 | 1478.6 | 918.8  | 402.7  | 198.7  | 114.1  | 92.0   | 80.5   | 75.2   | 67.1   |
| 35°    | 1808.2 | 1792.7 | 1554.5 | 917.5  | 388.6  | 187.9  | 103.4  | 83.2   | 68.5   | 59.7   | 54.4   |
| 37.5°  | 1931.0 | 1899.4 | 1633.0 | 911.5  | 378.5  | 182.6  | 94.0   | 77.2   | 63.8   | 54.4   | 47.7   |
| 40°    | 2036.4 | 2004.8 | 1705.5 | 903.4  | 371.8  | 177.2  | 88.6   | 73.2   | 60.4   | 50.3   | 43.6   |
| 42.5°  | 2118.9 | 2088.7 | 1773.3 | 893.3  | 368.5  | 165.8  | 91.3   | 70.5   | 57.7   | 47.7   | 40.3   |
| 45°    | 2190.1 | 2159.2 | 1853.8 | 892.0  | 367.1  | 157.7  | 89.9   | 69.8   | 56.4   | 44.3   | 37.6   |
| 47.5°  | 2272.6 | 2256.5 | 1959.9 | 914.2  | 361.8  | 151.7  | 82.6   | 75.2   | 55.7   | 43.0   | 35.6   |
| 50°    | 2394.8 | 2380.7 | 2098.8 | 979.9  | 353.7  | 145.6  | 75.2   | 82.6   | 55.7   | 41.6   | 33.6   |
| 52.5°  | 2565.9 | 2549.8 | 2317.6 | 1065.8 | 346.3  | 138.9  | 67.8   | 79.9   | 56.4   | 39.6   | 32.2   |
| 55°    | 2743.1 | 2740.4 | 2524.3 | 1157.1 | 339.6  | 124.2  | 59.7   | 71.8   | 55.0   | 36.9   | 30.2   |
| 57.5°  | 2882.1 | 2880.0 | 2679.4 | 1218.9 | 326.9  | 100.0  | 54.4   | 59.7   | 51.0   | 33.6   | 27.5   |
| 60°    | 2939.1 | 2922.3 | 2696.1 | 1218.9 | 297.3  | 82.6   | 49.7   | 47.0   | 51.7   | 30.2   | 24.2   |
| 61°    | 2939.1 | 2917.6 | 2665.9 | 1200.7 | 282.6  | 78.5   | 47.0   | 43.6   | 53.0   | 28.9   | 22.8   |
| 62.5°  | 2916.3 | 2880.7 | 2562.6 | 1135.6 | 259.1  | 78.5   | 43.0   | 38.9   | 48.3   | 27.5   | 20.8   |
| 65°    | 2814.9 | 2756.5 | 2320.3 | 987.3  | 234.9  | 80.5   | 36.9   | 32.9   | 34.9   | 23.5   | 18.1   |
| 67.5°  | 2564.6 | 2498.8 | 2006.2 | 781.3  | 215.4  | 85.2   | 30.9   | 28.9   | 26.8   | 20.8   | 16.1   |
| 70°    | 2112.9 | 2057.2 | 1637.0 | 585.3  | 200.0  | 86.6   | 26.8   | 24.2   | 22.8   | 18.1   | 14.1   |
| 72.5°  | 1350.4 | 1258.5 | 1022.2 | 396.7  | 160.4  | 75.2   | 22.1   | 22.8   | 20.8   | 14.8   | 11.4   |
| 75°    | 652.4  | 677.9  | 594.7  | 200.0  | 108.1  | 49.0   | 17.5   | 18.8   | 16.8   | 13.4   | 10.1   |
| 77.5°  | 292.0  | 286.6  | 283.9  | 51.0   | 27.5   | 16.8   | 10.7   | 12.8   | 13.4   | 12.1   | 8.7    |
| 80°    | 30.2   | 40.9   | 24.2   | 15.4   | 10.1   | 7.4    | 6.0    | 6.7    | 8.1    | 8.7    | 4.7    |
| 82.5°  | 1.3    | 0.7    | 0.7    | 2.0    | 2.0    | 1.3    | 0.0    | 0.0    | 1.3    | 1.3    | 0.7    |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 4.1    | 4.1    | 4.1    | 5.1    | 6.1    | 6.1    | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    |
| 95°    | 5.1    | 5.1    | 5.1    | 6.1    | 7.2    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    |
| 97.5°  | 7.2    | 7.2    | 7.2    | 8.2    | 8.2    | 9.2    | 9.2    | 12.3   | 10.2   | 9.2    | 8.2    |
| 100°   | 8.2    | 8.2    | 8.2    | 9.2    | 10.2   | 12.3   | 21.5   | 29.7   | 26.6   | 23.5   | 19.4   |
| 102.5° | 11.3   | 11.3   | 11.3   | 13.3   | 18.4   | 27.6   | 40.9   | 51.1   | 48.1   | 43.0   | 39.9   |
| 105°   | 21.5   | 21.7   | 22.5   | 27.6   | 36.8   | 49.1   | 64.4   | 73.7   | 71.6   | 66.5   | 62.4   |
| 107.5° | 41.9   | 42.1   | 43.0   | 50.1   | 59.3   | 74.7   | 90.0   | 97.2   | 96.2   | 92.1   | 89.0   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 1°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 67.5  | 67.9  | 69.6  | 75.7  | 89.0  | 104.3 | 116.6 | 122.8 | 123.8 | 121.7 | 118.7 |
| 112.5° | 101.3 | 101.3 | 101.3 | 108.4 | 123.8 | 137.1 | 146.3 | 151.4 | 153.4 | 152.4 | 150.4 |
| 115°   | 143.2 | 143.0 | 142.2 | 150.4 | 162.6 | 171.9 | 178.0 | 183.1 | 186.2 | 183.1 | 181.1 |
| 117.5° | 188.2 | 188.2 | 188.2 | 193.3 | 201.5 | 206.6 | 209.7 | 215.8 | 219.9 | 214.8 | 212.8 |
| 120°   | 230.2 | 229.8 | 228.1 | 231.2 | 238.3 | 242.4 | 248.6 | 251.6 | 255.7 | 250.6 | 248.6 |
| 122.5° | 269.0 | 268.4 | 266.0 | 267.0 | 273.1 | 277.2 | 283.4 | 285.4 | 289.5 | 284.4 | 282.3 |
| 125°   | 304.8 | 304.0 | 300.7 | 302.8 | 305.9 | 312.0 | 317.1 | 320.2 | 322.2 | 317.1 | 317.1 |
| 127.5° | 337.6 | 337.4 | 336.6 | 336.6 | 340.6 | 346.8 | 347.8 | 352.9 | 353.9 | 353.9 | 352.9 |
| 130°   | 371.3 | 370.9 | 369.3 | 370.3 | 374.4 | 378.5 | 380.5 | 385.7 | 389.7 | 389.7 | 387.7 |
| 132.5° | 405.1 | 404.7 | 403.0 | 402.0 | 410.2 | 413.3 | 414.3 | 420.4 | 425.5 | 423.5 | 423.5 |
| 135°   | 438.8 | 438.2 | 435.8 | 435.8 | 441.9 | 445.0 | 447.0 | 453.2 | 458.3 | 457.3 | 460.3 |
| 137.5° | 470.6 | 470.0 | 467.5 | 469.5 | 470.6 | 474.6 | 478.7 | 483.9 | 485.9 | 486.9 | 492.0 |
| 140°   | 499.2 | 498.6 | 496.1 | 498.2 | 500.2 | 502.3 | 508.4 | 511.5 | 513.5 | 515.6 | 520.7 |
| 142.5° | 529.9 | 529.3 | 526.8 | 528.9 | 529.9 | 533.0 | 537.0 | 539.1 | 545.2 | 545.2 | 546.3 |
| 145°   | 562.6 | 561.8 | 558.5 | 556.5 | 559.6 | 562.6 | 563.6 | 568.8 | 574.9 | 573.9 | 570.8 |
| 147.5° | 588.2 | 587.6 | 585.1 | 584.1 | 587.2 | 587.2 | 588.2 | 593.3 | 598.4 | 599.4 | 596.4 |
| 150°   | 608.7 | 608.1 | 605.6 | 606.6 | 606.6 | 606.6 | 606.6 | 610.7 | 613.8 | 616.8 | 619.9 |
| 152.5° | 625.0 | 624.4 | 622.0 | 622.0 | 623.0 | 624.0 | 624.0 | 625.0 | 628.1 | 632.2 | 637.3 |
| 155°   | 643.4 | 642.6 | 639.3 | 639.3 | 641.4 | 644.5 | 642.4 | 640.4 | 645.5 | 650.6 | 652.6 |
| 157.5° | 660.8 | 660.2 | 657.8 | 657.8 | 658.8 | 660.8 | 659.8 | 658.8 | 662.9 | 664.9 | 664.9 |
| 160°   | 678.2 | 677.6 | 675.1 | 674.1 | 671.1 | 670.0 | 670.0 | 673.1 | 679.2 | 676.2 | 675.1 |
| 162.5° | 688.4 | 687.6 | 684.4 | 684.4 | 680.3 | 676.2 | 678.2 | 682.3 | 686.4 | 685.4 | 683.3 |
| 165°   | 696.6 | 696.0 | 693.6 | 691.5 | 691.5 | 688.4 | 688.4 | 687.4 | 692.5 | 695.6 | 693.6 |
| 167.5° | 705.8 | 705.2 | 702.8 | 699.7 | 701.7 | 703.8 | 700.7 | 693.6 | 699.7 | 703.8 | 703.8 |
| 170°   | 714.0 | 713.4 | 711.0 | 707.9 | 707.9 | 708.9 | 706.9 | 701.7 | 704.8 | 709.9 | 712.0 |
| 172.5° | 715.0 | 714.6 | 713.0 | 711.0 | 708.9 | 705.8 | 705.8 | 704.8 | 707.9 | 709.9 | 712.0 |
| 175°   | 716.1 | 715.7 | 714.0 | 713.0 | 711.0 | 706.9 | 705.8 | 705.8 | 711.0 | 712.0 | 709.9 |
| 177.5° | 723.2 | 722.8 | 721.2 | 716.1 | 715.0 | 713.0 | 711.0 | 709.9 | 715.0 | 717.1 | 714.0 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 |
| 2.5°   | 1098.1 | 1116.2 | 1108.1 | 1106.1 | 1116.8 | 1111.5 | 1127.6 | 1128.3 | 1140.3 | 1156.4 | 1166.5 |
| 5°     | 863.1  | 849.0  | 877.2  | 896.0  | 919.5  | 912.1  | 940.3  | 937.0  | 952.4  | 977.9  | 967.8  |
| 7.5°   | 599.4  | 601.4  | 616.1  | 632.9  | 696.0  | 708.8  | 718.2  | 725.5  | 724.9  | 730.9  | 741.7  |
| 10°    | 458.4  | 447.0  | 436.9  | 460.4  | 485.3  | 512.8  | 516.8  | 526.9  | 499.4  | 510.8  | 516.1  |
| 12.5°  | 375.2  | 361.8  | 339.6  | 327.5  | 333.6  | 349.7  | 356.4  | 362.4  | 346.3  | 347.0  | 359.1  |
| 15°    | 284.6  | 266.5  | 257.7  | 241.6  | 235.6  | 234.2  | 237.6  | 228.9  | 226.9  | 219.5  | 224.2  |
| 17.5°  | 185.2  | 179.9  | 175.2  | 171.8  | 167.1  | 165.8  | 153.7  | 132.9  | 120.8  | 118.1  | 118.1  |
| 20°    | 123.5  | 119.5  | 119.5  | 126.2  | 124.2  | 118.8  | 102.7  | 85.2   | 76.5   | 73.8   | 75.2   |
| 22.5°  | 101.3  | 98.7   | 94.6   | 94.6   | 97.3   | 93.3   | 78.5   | 65.8   | 59.7   | 59.7   | 59.7   |
| 25°    | 87.9   | 86.6   | 82.6   | 78.5   | 79.9   | 76.5   | 63.8   | 55.7   | 51.7   | 51.0   | 51.7   |
| 27.5°  | 77.2   | 76.5   | 71.8   | 67.8   | 67.8   | 65.1   | 55.0   | 47.7   | 45.0   | 43.6   | 44.3   |
| 30°    | 69.8   | 68.5   | 63.1   | 59.7   | 59.1   | 56.4   | 47.0   | 41.6   | 38.9   | 38.3   | 38.3   |
| 32.5°  | 64.4   | 61.7   | 57.1   | 53.7   | 51.7   | 47.7   | 40.9   | 35.6   | 32.9   | 32.2   | 32.2   |
| 35°    | 51.7   | 51.7   | 49.7   | 47.7   | 45.0   | 38.9   | 34.2   | 29.5   | 26.8   | 26.2   | 26.2   |
| 37.5°  | 45.0   | 42.3   | 38.9   | 39.6   | 38.3   | 32.9   | 28.2   | 23.5   | 21.5   | 20.8   | 20.8   |
| 40°    | 40.9   | 37.6   | 32.9   | 30.9   | 31.5   | 28.9   | 23.5   | 18.1   | 15.4   | 16.1   | 15.4   |
| 42.5°  | 36.9   | 34.2   | 28.9   | 24.2   | 23.5   | 24.2   | 18.1   | 12.8   | 10.7   | 10.7   | 10.7   |
| 45°    | 34.2   | 31.5   | 25.5   | 20.1   | 16.8   | 18.8   | 14.1   | 8.7    | 6.7    | 6.7    | 6.7    |
| 47.5°  | 32.2   | 29.5   | 22.8   | 16.8   | 12.1   | 12.8   | 10.1   | 5.4    | 4.0    | 2.7    | 3.4    |
| 50°    | 30.9   | 27.5   | 20.8   | 13.4   | 8.7    | 7.4    | 6.7    | 2.7    | 0.7    | 0.7    | 0.0    |
| 52.5°  | 28.9   | 26.2   | 18.8   | 11.4   | 6.7    | 4.7    | 3.4    | 0.7    | 0.0    | 0.0    | 0.0    |
| 55°    | 27.5   | 24.2   | 16.8   | 10.1   | 5.4    | 2.7    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    |
| 57.5°  | 24.8   | 22.1   | 14.8   | 8.1    | 4.0    | 1.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 60°    | 22.1   | 20.1   | 12.8   | 6.0    | 2.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 61°    | 20.8   | 18.8   | 12.1   | 5.4    | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 62.5°  | 19.5   | 17.5   | 10.7   | 4.0    | 1.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°    | 16.8   | 14.8   | 9.4    | 2.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5°  | 14.8   | 13.4   | 8.1    | 1.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°    | 12.8   | 11.4   | 6.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5°  | 10.7   | 10.1   | 4.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°    | 9.4    | 8.1    | 4.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5°  | 7.4    | 6.7    | 3.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°    | 4.0    | 3.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5°  | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 6.1    | 6.1    | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    | 6.1    | 5.1    | 4.1    | 4.1    |
| 95°    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    | 7.2    | 7.2    | 6.1    | 5.1    | 5.1    |
| 97.5°  | 8.2    | 8.2    | 9.2    | 10.2   | 12.3   | 9.2    | 9.2    | 8.2    | 8.2    | 7.2    | 7.2    |
| 100°   | 19.4   | 19.4   | 23.5   | 26.6   | 29.7   | 21.5   | 12.3   | 10.2   | 9.2    | 8.2    | 8.2    |
| 102.5° | 38.9   | 39.9   | 43.0   | 48.1   | 51.1   | 40.9   | 27.6   | 18.4   | 13.3   | 11.3   | 11.3   |
| 105°   | 62.4   | 62.4   | 66.5   | 71.6   | 73.7   | 64.4   | 49.1   | 36.8   | 27.6   | 22.5   | 21.5   |
| 107.5° | 88.0   | 89.0   | 92.1   | 96.2   | 97.2   | 90.0   | 74.7   | 59.3   | 50.1   | 43.0   | 41.9   |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 119.7 | 118.7 | 121.7 | 123.8 | 122.8 | 116.6 | 104.3 | 89.0  | 75.7  | 69.6  | 67.5  |
| 112.5° | 150.4 | 150.4 | 152.4 | 153.4 | 151.4 | 146.3 | 137.1 | 123.8 | 108.4 | 101.3 | 101.3 |
| 115°   | 182.1 | 181.1 | 183.1 | 186.2 | 183.1 | 178.0 | 171.9 | 162.6 | 150.4 | 142.2 | 143.2 |
| 117.5° | 213.8 | 212.8 | 214.8 | 219.9 | 215.8 | 209.7 | 206.6 | 201.5 | 193.3 | 188.2 | 188.2 |
| 120°   | 248.6 | 248.6 | 250.6 | 255.7 | 251.6 | 248.6 | 242.4 | 238.3 | 231.2 | 228.1 | 230.2 |
| 122.5° | 283.4 | 282.3 | 284.4 | 289.5 | 285.4 | 283.4 | 277.2 | 273.1 | 267.0 | 266.0 | 269.0 |
| 125°   | 317.1 | 317.1 | 317.1 | 322.2 | 320.2 | 317.1 | 312.0 | 305.9 | 302.8 | 300.7 | 304.8 |
| 127.5° | 355.0 | 352.9 | 353.9 | 353.9 | 352.9 | 347.8 | 346.8 | 340.6 | 336.6 | 336.6 | 337.6 |
| 130°   | 388.7 | 387.7 | 389.7 | 389.7 | 385.7 | 380.5 | 378.5 | 374.4 | 370.3 | 369.3 | 371.3 |
| 132.5° | 424.5 | 423.5 | 423.5 | 425.5 | 420.4 | 414.3 | 413.3 | 410.2 | 402.0 | 403.0 | 405.1 |
| 135°   | 461.4 | 460.3 | 457.3 | 458.3 | 453.2 | 447.0 | 445.0 | 441.9 | 435.8 | 435.8 | 438.8 |
| 137.5° | 493.1 | 492.0 | 486.9 | 485.9 | 483.9 | 478.7 | 474.6 | 470.6 | 469.5 | 467.5 | 470.6 |
| 140°   | 522.7 | 520.7 | 515.6 | 513.5 | 511.5 | 508.4 | 502.3 | 500.2 | 498.2 | 496.1 | 499.2 |
| 142.5° | 548.3 | 546.3 | 545.2 | 545.2 | 539.1 | 537.0 | 533.0 | 529.9 | 528.9 | 526.8 | 529.9 |
| 145°   | 572.9 | 570.8 | 573.9 | 574.9 | 568.8 | 563.6 | 562.6 | 559.6 | 556.5 | 558.5 | 562.6 |
| 147.5° | 598.4 | 596.4 | 599.4 | 598.4 | 593.3 | 588.2 | 587.2 | 587.2 | 584.1 | 585.1 | 588.2 |
| 150°   | 624.0 | 619.9 | 616.8 | 613.8 | 610.7 | 606.6 | 606.6 | 606.6 | 606.6 | 605.6 | 608.7 |
| 152.5° | 642.4 | 637.3 | 632.2 | 628.1 | 625.0 | 624.0 | 624.0 | 623.0 | 622.0 | 622.0 | 625.0 |
| 155°   | 655.7 | 652.6 | 650.6 | 645.5 | 640.4 | 642.4 | 644.5 | 641.4 | 639.3 | 639.3 | 643.4 |
| 157.5° | 670.0 | 664.9 | 664.9 | 662.9 | 658.8 | 659.8 | 660.8 | 658.8 | 657.8 | 657.8 | 660.8 |
| 160°   | 681.3 | 675.1 | 676.2 | 679.2 | 673.1 | 670.0 | 670.0 | 671.1 | 674.1 | 675.1 | 678.2 |
| 162.5° | 689.5 | 683.3 | 685.4 | 686.4 | 682.3 | 678.2 | 676.2 | 680.3 | 684.4 | 684.4 | 688.4 |
| 165°   | 697.7 | 693.6 | 695.6 | 692.5 | 687.4 | 688.4 | 688.4 | 691.5 | 691.5 | 693.6 | 696.6 |
| 167.5° | 709.9 | 703.8 | 703.8 | 699.7 | 693.6 | 700.7 | 703.8 | 701.7 | 699.7 | 702.8 | 705.8 |
| 170°   | 717.1 | 712.0 | 709.9 | 704.8 | 701.7 | 706.9 | 708.9 | 707.9 | 707.9 | 711.0 | 714.0 |
| 172.5° | 717.1 | 712.0 | 709.9 | 707.9 | 704.8 | 705.8 | 705.8 | 708.9 | 711.0 | 713.0 | 715.0 |
| 175°   | 715.0 | 709.9 | 712.0 | 711.0 | 705.8 | 705.8 | 706.9 | 711.0 | 713.0 | 714.0 | 716.1 |
| 177.5° | 718.1 | 714.0 | 717.1 | 715.0 | 709.9 | 711.0 | 713.0 | 715.0 | 716.1 | 721.2 | 723.2 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 |
| 2.5°   | 1175.9 | 1199.4 | 1221.6 | 1249.7 | 1265.2 | 1307.5 | 1337.7 | 1363.2 | 1383.3 | 1387.3 | 1403.4 |
| 5°     | 994.7  | 1027.6 | 1049.1 | 1108.1 | 1141.0 | 1211.5 | 1265.8 | 1330.3 | 1388.0 | 1419.6 | 1448.4 |
| 7.5°   | 749.0  | 765.1  | 802.1  | 861.1  | 939.0  | 1000.1 | 1092.0 | 1173.2 | 1277.3 | 1334.3 | 1388.0 |
| 10°    | 528.9  | 543.7  | 598.0  | 659.8  | 730.9  | 833.6  | 945.0  | 1051.7 | 1157.1 | 1230.3 | 1293.4 |
| 12.5°  | 371.8  | 420.2  | 473.9  | 552.4  | 622.2  | 697.4  | 816.2  | 941.0  | 1072.5 | 1142.4 | 1210.8 |
| 15°    | 244.3  | 287.3  | 361.8  | 460.4  | 547.7  | 620.8  | 731.6  | 877.9  | 1045.0 | 1122.9 | 1188.0 |
| 17.5°  | 120.8  | 152.4  | 218.1  | 324.2  | 440.3  | 555.7  | 689.3  | 866.5  | 1080.6 | 1168.5 | 1229.6 |
| 20°    | 75.8   | 85.2   | 109.4  | 183.2  | 316.8  | 487.3  | 657.8  | 889.3  | 1177.3 | 1274.6 | 1314.2 |
| 22.5°  | 61.1   | 63.8   | 73.2   | 97.3   | 193.3  | 402.7  | 630.2  | 920.2  | 1283.3 | 1402.1 | 1443.0 |
| 25°    | 52.4   | 54.4   | 59.7   | 71.8   | 112.1  | 302.0  | 596.7  | 974.6  | 1406.8 | 1550.4 | 1560.5 |
| 27.5°  | 45.0   | 47.0   | 51.7   | 61.1   | 79.9   | 203.4  | 548.4  | 1038.3 | 1554.5 | 1680.6 | 1673.9 |
| 30°    | 38.3   | 40.9   | 45.6   | 52.4   | 63.1   | 137.6  | 458.4  | 1102.8 | 1663.2 | 1764.5 | 1753.8 |
| 32.5°  | 32.9   | 34.9   | 38.9   | 45.0   | 52.4   | 94.6   | 344.3  | 1145.0 | 1753.8 | 1843.7 | 1820.2 |
| 35°    | 26.8   | 28.9   | 32.2   | 37.6   | 42.3   | 67.1   | 260.4  | 1146.4 | 1847.1 | 1941.7 | 1882.7 |
| 37.5°  | 21.5   | 22.8   | 26.2   | 30.9   | 34.9   | 52.4   | 191.3  | 1124.2 | 1962.5 | 2069.3 | 1953.8 |
| 40°    | 16.1   | 18.1   | 21.5   | 25.5   | 29.5   | 44.3   | 143.0  | 1070.5 | 2075.3 | 2196.8 | 2039.7 |
| 42.5°  | 10.7   | 13.4   | 16.8   | 20.8   | 28.2   | 35.6   | 100.7  | 981.3  | 2166.6 | 2310.2 | 2123.6 |
| 45°    | 6.7    | 8.7    | 12.8   | 17.5   | 28.9   | 28.2   | 67.1   | 874.6  | 2231.7 | 2396.8 | 2180.7 |
| 47.5°  | 3.4    | 5.4    | 9.4    | 16.8   | 25.5   | 20.8   | 41.6   | 772.5  | 2290.7 | 2447.1 | 2206.8 |
| 50°    | 0.7    | 2.0    | 6.7    | 20.8   | 21.5   | 15.4   | 27.5   | 708.8  | 2321.6 | 2434.4 | 2204.2 |
| 52.5°  | 0.0    | 0.0    | 4.7    | 20.1   | 15.4   | 12.1   | 21.5   | 699.4  | 2369.9 | 2451.2 | 2250.5 |
| 55°    | 0.0    | 0.0    | 2.0    | 8.7    | 8.7    | 10.1   | 18.8   | 686.6  | 2455.9 | 2551.2 | 2390.1 |
| 57.5°  | 0.0    | 0.0    | 0.0    | 4.0    | 5.4    | 8.1    | 17.5   | 653.1  | 2546.5 | 2657.2 | 2559.9 |
| 60°    | 0.0    | 0.0    | 0.0    | 2.0    | 3.4    | 6.7    | 15.4   | 576.5  | 2463.2 | 2657.9 | 2700.8 |
| 61°    | 0.0    | 0.0    | 0.0    | 2.0    | 2.7    | 6.0    | 14.1   | 549.7  | 2388.7 | 2614.9 | 2718.3 |
| 62.5°  | 0.0    | 0.0    | 0.0    | 0.7    | 2.0    | 4.7    | 12.1   | 496.7  | 2277.3 | 2545.8 | 2710.2 |
| 65°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 2.7    | 9.4    | 401.4  | 2091.4 | 2372.0 | 2617.6 |
| 67.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 6.0    | 282.6  | 1824.3 | 2175.3 | 2419.6 |
| 70°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    | 163.8  | 1469.9 | 1841.7 | 2072.6 |
| 72.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    | 74.5   | 953.7  | 1422.2 | 1635.0 |
| 75°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 31.5   | 587.3  | 1027.6 | 1221.6 |
| 77.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 14.1   | 398.0  | 683.9  | 822.2  |
| 80°    | 0.0    | 1.3    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 5.4    | 245.0  | 426.9  | 463.8  |
| 82.5°  | 0.0    | 0.7    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 126.9  | 301.4  | 307.4  |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 53.0   | 63.8   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 4.1    | 5.1    | 6.1    | 6.1    | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    | 6.1    | 6.1    |
| 95°    | 5.1    | 6.1    | 7.2    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    | 7.2    | 7.2    |
| 97.5°  | 7.2    | 8.2    | 8.2    | 9.2    | 9.2    | 12.3   | 10.2   | 9.2    | 8.2    | 8.2    | 8.2    |
| 100°   | 8.2    | 9.2    | 10.2   | 12.3   | 21.5   | 29.7   | 26.6   | 23.5   | 19.4   | 19.4   | 19.4   |
| 102.5° | 11.3   | 13.3   | 18.4   | 27.6   | 40.9   | 51.1   | 48.1   | 43.0   | 39.9   | 38.9   | 39.9   |
| 105°   | 22.5   | 27.6   | 36.8   | 49.1   | 64.4   | 73.7   | 71.6   | 66.5   | 62.4   | 62.4   | 62.4   |
| 107.5° | 43.0   | 50.1   | 59.3   | 74.7   | 90.0   | 97.2   | 96.2   | 92.1   | 89.0   | 88.0   | 89.0   |

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**CANDELA DISTRIBUTION (continued):**

|        | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°  | 270°  | 275°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 69.6  | 75.7  | 89.0  | 104.3 | 116.6 | 122.8 | 123.8 | 121.7 | 118.7 | 119.7 | 118.7 |
| 112.5° | 101.3 | 108.4 | 123.8 | 137.1 | 146.3 | 151.4 | 153.4 | 152.4 | 150.4 | 150.4 | 150.4 |
| 115°   | 142.2 | 150.4 | 162.6 | 171.9 | 178.0 | 183.1 | 186.2 | 183.1 | 181.1 | 182.1 | 181.1 |
| 117.5° | 188.2 | 193.3 | 201.5 | 206.6 | 209.7 | 215.8 | 219.9 | 214.8 | 212.8 | 213.8 | 212.8 |
| 120°   | 228.1 | 231.2 | 238.3 | 242.4 | 248.6 | 251.6 | 255.7 | 250.6 | 248.6 | 248.6 | 248.6 |
| 122.5° | 266.0 | 267.0 | 273.1 | 277.2 | 283.4 | 285.4 | 289.5 | 284.4 | 282.3 | 283.4 | 282.3 |
| 125°   | 300.7 | 302.8 | 305.9 | 312.0 | 317.1 | 320.2 | 322.2 | 317.1 | 317.1 | 317.1 | 317.1 |
| 127.5° | 336.6 | 336.6 | 340.6 | 346.8 | 347.8 | 352.9 | 353.9 | 353.9 | 352.9 | 355.0 | 352.9 |
| 130°   | 369.3 | 370.3 | 374.4 | 378.5 | 380.5 | 385.7 | 389.7 | 389.7 | 387.7 | 388.7 | 387.7 |
| 132.5° | 403.0 | 402.0 | 410.2 | 413.3 | 414.3 | 420.4 | 425.5 | 423.5 | 423.5 | 424.5 | 423.5 |
| 135°   | 435.8 | 435.8 | 441.9 | 445.0 | 447.0 | 453.2 | 458.3 | 457.3 | 460.3 | 461.4 | 460.3 |
| 137.5° | 467.5 | 469.5 | 470.6 | 474.6 | 478.7 | 483.9 | 485.9 | 486.9 | 492.0 | 493.1 | 492.0 |
| 140°   | 496.1 | 498.2 | 500.2 | 502.3 | 508.4 | 511.5 | 513.5 | 515.6 | 520.7 | 522.7 | 520.7 |
| 142.5° | 526.8 | 528.9 | 529.9 | 533.0 | 537.0 | 539.1 | 545.2 | 545.2 | 546.3 | 548.3 | 546.3 |
| 145°   | 558.5 | 556.5 | 559.6 | 562.6 | 563.6 | 568.8 | 574.9 | 573.9 | 570.8 | 572.9 | 570.8 |
| 147.5° | 585.1 | 584.1 | 587.2 | 587.2 | 588.2 | 593.3 | 598.4 | 599.4 | 596.4 | 598.4 | 596.4 |
| 150°   | 605.6 | 606.6 | 606.6 | 606.6 | 606.6 | 610.7 | 613.8 | 616.8 | 619.9 | 624.0 | 619.9 |
| 152.5° | 622.0 | 622.0 | 623.0 | 624.0 | 624.0 | 625.0 | 628.1 | 632.2 | 637.3 | 642.4 | 637.3 |
| 155°   | 639.3 | 639.3 | 641.4 | 644.5 | 642.4 | 640.4 | 645.5 | 650.6 | 652.6 | 655.7 | 652.6 |
| 157.5° | 657.8 | 657.8 | 658.8 | 660.8 | 659.8 | 658.8 | 662.9 | 664.9 | 664.9 | 670.0 | 664.9 |
| 160°   | 675.1 | 674.1 | 671.1 | 670.0 | 670.0 | 673.1 | 679.2 | 676.2 | 675.1 | 681.3 | 675.1 |
| 162.5° | 684.4 | 684.4 | 680.3 | 676.2 | 678.2 | 682.3 | 686.4 | 685.4 | 683.3 | 689.5 | 683.3 |
| 165°   | 693.6 | 691.5 | 691.5 | 688.4 | 688.4 | 687.4 | 692.5 | 695.6 | 693.6 | 697.7 | 693.6 |
| 167.5° | 702.8 | 699.7 | 701.7 | 703.8 | 700.7 | 693.6 | 699.7 | 703.8 | 703.8 | 709.9 | 703.8 |
| 170°   | 711.0 | 707.9 | 707.9 | 708.9 | 706.9 | 701.7 | 704.8 | 709.9 | 712.0 | 717.1 | 712.0 |
| 172.5° | 713.0 | 711.0 | 708.9 | 705.8 | 705.8 | 704.8 | 707.9 | 709.9 | 712.0 | 717.1 | 712.0 |
| 175°   | 714.0 | 713.0 | 711.0 | 706.9 | 705.8 | 705.8 | 711.0 | 712.0 | 709.9 | 715.0 | 709.9 |
| 177.5° | 721.2 | 716.1 | 715.0 | 713.0 | 711.0 | 709.9 | 715.0 | 717.1 | 714.0 | 718.1 | 714.0 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 | 1286.7 |
| 2.5°   | 1418.2 | 1422.2 | 1424.9 | 1420.2 | 1391.4 | 1375.3 | 1343.0 | 1307.5 | 1295.4 | 1292.0 |
| 5°     | 1500.8 | 1523.6 | 1519.6 | 1488.7 | 1438.3 | 1376.6 | 1300.1 | 1220.9 | 1190.7 | 1179.3 |
| 7.5°   | 1484.7 | 1544.4 | 1555.8 | 1523.6 | 1438.3 | 1330.3 | 1219.5 | 1125.6 | 1081.9 | 1070.5 |
| 10°    | 1402.8 | 1477.9 | 1514.2 | 1504.1 | 1424.2 | 1299.4 | 1163.2 | 1047.7 | 1000.1 | 985.3  |
| 12.5°  | 1323.6 | 1396.1 | 1418.9 | 1426.9 | 1383.3 | 1275.2 | 1135.0 | 1010.8 | 961.1  | 942.3  |
| 15°    | 1270.5 | 1315.5 | 1314.2 | 1328.9 | 1325.6 | 1265.8 | 1153.1 | 1029.6 | 973.9  | 949.1  |
| 17.5°  | 1253.1 | 1239.7 | 1222.2 | 1234.3 | 1257.8 | 1268.5 | 1212.2 | 1096.7 | 1031.6 | 1002.7 |
| 20°    | 1263.8 | 1198.1 | 1159.8 | 1159.1 | 1208.8 | 1290.7 | 1298.7 | 1207.5 | 1146.4 | 1107.5 |
| 22.5°  | 1318.9 | 1177.3 | 1118.2 | 1119.5 | 1180.6 | 1323.6 | 1398.7 | 1352.4 | 1285.3 | 1237.0 |
| 25°    | 1400.1 | 1181.3 | 1102.1 | 1110.1 | 1177.9 | 1352.4 | 1506.8 | 1517.5 | 1431.6 | 1389.3 |
| 27.5°  | 1482.6 | 1216.2 | 1102.8 | 1111.5 | 1189.3 | 1367.9 | 1568.6 | 1639.0 | 1565.2 | 1512.8 |
| 30°    | 1540.4 | 1259.1 | 1114.8 | 1124.2 | 1207.5 | 1380.0 | 1592.0 | 1739.0 | 1662.5 | 1604.1 |
| 32.5°  | 1594.7 | 1303.4 | 1134.3 | 1143.7 | 1243.7 | 1404.8 | 1636.3 | 1839.7 | 1755.8 | 1698.1 |
| 35°    | 1647.8 | 1347.1 | 1170.5 | 1187.3 | 1302.1 | 1449.8 | 1681.3 | 1957.8 | 1888.0 | 1808.2 |
| 37.5°  | 1693.4 | 1395.4 | 1233.0 | 1268.5 | 1381.3 | 1518.9 | 1742.4 | 2092.1 | 2020.3 | 1931.0 |
| 40°    | 1731.7 | 1452.4 | 1361.8 | 1401.4 | 1502.1 | 1592.0 | 1810.2 | 2180.0 | 2132.3 | 2036.4 |
| 42.5°  | 1762.5 | 1553.1 | 1546.4 | 1602.1 | 1672.6 | 1675.9 | 1829.6 | 2222.3 | 2204.2 | 2118.9 |
| 45°    | 1814.2 | 1733.7 | 1788.7 | 1880.0 | 1875.3 | 1776.6 | 1824.3 | 2261.2 | 2262.6 | 2190.1 |
| 47.5°  | 1898.8 | 1959.9 | 2118.9 | 2180.7 | 2149.1 | 1914.2 | 1829.6 | 2299.5 | 2329.7 | 2272.6 |
| 50°    | 2019.6 | 2216.2 | 2424.3 | 2506.2 | 2414.2 | 2052.5 | 1877.3 | 2345.1 | 2436.4 | 2394.8 |
| 52.5°  | 2122.9 | 2410.2 | 2706.2 | 2779.4 | 2653.9 | 2200.1 | 1988.7 | 2443.8 | 2579.4 | 2565.9 |
| 55°    | 2270.6 | 2577.3 | 2906.9 | 2963.3 | 2862.6 | 2367.3 | 2138.4 | 2588.7 | 2736.4 | 2743.1 |
| 57.5°  | 2421.6 | 2728.4 | 3037.8 | 3094.8 | 3018.3 | 2575.3 | 2351.2 | 2796.8 | 2884.1 | 2882.1 |
| 60°    | 2589.4 | 2869.3 | 3096.8 | 3128.4 | 3084.8 | 2783.4 | 2580.0 | 2987.4 | 2985.4 | 2939.1 |
| 61°    | 2685.4 | 2914.3 | 3092.8 | 3102.2 | 3059.9 | 2844.5 | 2698.2 | 3060.6 | 3000.2 | 2939.1 |
| 62.5°  | 2791.4 | 2955.2 | 3043.1 | 3011.6 | 2966.0 | 2865.9 | 2869.3 | 3140.5 | 3010.3 | 2916.3 |
| 65°    | 2898.8 | 2852.5 | 2814.3 | 2663.3 | 2620.3 | 2668.6 | 3013.6 | 3110.3 | 2949.2 | 2814.9 |
| 67.5°  | 2714.9 | 2444.4 | 2361.9 | 2210.2 | 2040.4 | 2237.7 | 2876.7 | 2925.7 | 2743.1 | 2564.6 |
| 70°    | 2218.9 | 1796.1 | 1698.1 | 1692.7 | 1570.6 | 1787.4 | 2537.1 | 2501.5 | 2276.7 | 2112.9 |
| 72.5°  | 1739.0 | 1225.6 | 1092.0 | 1122.9 | 1098.7 | 1332.3 | 2075.3 | 1678.6 | 1459.8 | 1350.4 |
| 75°    | 1363.2 | 871.2  | 751.7  | 746.4  | 720.2  | 907.4  | 1519.6 | 884.6  | 730.2  | 652.4  |
| 77.5°  | 899.4  | 627.6  | 625.5  | 577.9  | 557.8  | 492.0  | 681.9  | 354.4  | 289.3  | 292.0  |
| 80°    | 518.2  | 384.6  | 451.0  | 357.7  | 358.4  | 288.6  | 275.9  | 51.7   | 41.6   | 30.2   |
| 82.5°  | 297.3  | 184.6  | 139.6  | 55.0   | 115.4  | 115.4  | 22.1   | 0.7    | 0.7    | 1.3    |
| 85°    | 28.9   | 8.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 0.0    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    | 6.1    | 5.1    | 4.1    | 4.1    | 4.1    |
| 95°    | 7.2    | 8.2    | 7.2    | 7.2    | 7.2    | 7.2    | 6.1    | 5.1    | 5.1    | 5.1    |
| 97.5°  | 9.2    | 10.2   | 12.3   | 9.2    | 9.2    | 8.2    | 8.2    | 7.2    | 7.2    | 7.2    |
| 100°   | 23.5   | 26.6   | 29.7   | 21.5   | 12.3   | 10.2   | 9.2    | 8.2    | 8.2    | 8.2    |
| 102.5° | 43.0   | 48.1   | 51.1   | 40.9   | 27.6   | 18.4   | 13.3   | 11.3   | 11.3   | 11.3   |
| 105°   | 66.5   | 71.6   | 73.7   | 64.4   | 49.1   | 36.8   | 27.6   | 22.5   | 21.7   | 21.5   |
| 107.5° | 92.1   | 96.2   | 97.2   | 90.0   | 74.7   | 59.3   | 50.1   | 43.0   | 42.1   | 41.9   |

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**CANDELA DISTRIBUTION (continued):**

|        | 285°  | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°  | 359°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110°   | 121.7 | 123.8 | 122.8 | 116.6 | 104.3 | 89.0  | 75.7  | 69.6  | 67.9  | 67.5  |
| 112.5° | 152.4 | 153.4 | 151.4 | 146.3 | 137.1 | 123.8 | 108.4 | 101.3 | 101.3 | 101.3 |
| 115°   | 183.1 | 186.2 | 183.1 | 178.0 | 171.9 | 162.6 | 150.4 | 142.2 | 143.0 | 143.2 |
| 117.5° | 214.8 | 219.9 | 215.8 | 209.7 | 206.6 | 201.5 | 193.3 | 188.2 | 188.2 | 188.2 |
| 120°   | 250.6 | 255.7 | 251.6 | 248.6 | 242.4 | 238.3 | 231.2 | 228.1 | 229.8 | 230.2 |
| 122.5° | 284.4 | 289.5 | 285.4 | 283.4 | 277.2 | 273.1 | 267.0 | 266.0 | 268.4 | 269.0 |
| 125°   | 317.1 | 322.2 | 320.2 | 317.1 | 312.0 | 305.9 | 302.8 | 300.7 | 304.0 | 304.8 |
| 127.5° | 353.9 | 353.9 | 352.9 | 347.8 | 346.8 | 340.6 | 336.6 | 336.6 | 337.4 | 337.6 |
| 130°   | 389.7 | 389.7 | 385.7 | 380.5 | 378.5 | 374.4 | 370.3 | 369.3 | 370.9 | 371.3 |
| 132.5° | 423.5 | 425.5 | 420.4 | 414.3 | 413.3 | 410.2 | 402.0 | 403.0 | 404.7 | 405.1 |
| 135°   | 457.3 | 458.3 | 453.2 | 447.0 | 445.0 | 441.9 | 435.8 | 435.8 | 438.2 | 438.8 |
| 137.5° | 486.9 | 485.9 | 483.9 | 478.7 | 474.6 | 470.6 | 469.5 | 467.5 | 470.0 | 470.6 |
| 140°   | 515.6 | 513.5 | 511.5 | 508.4 | 502.3 | 500.2 | 498.2 | 496.1 | 498.6 | 499.2 |
| 142.5° | 545.2 | 545.2 | 539.1 | 537.0 | 533.0 | 529.9 | 528.9 | 526.8 | 529.3 | 529.9 |
| 145°   | 573.9 | 574.9 | 568.8 | 563.6 | 562.6 | 559.6 | 556.5 | 558.5 | 561.8 | 562.6 |
| 147.5° | 599.4 | 598.4 | 593.3 | 588.2 | 587.2 | 587.2 | 584.1 | 585.1 | 587.6 | 588.2 |
| 150°   | 616.8 | 613.8 | 610.7 | 606.6 | 606.6 | 606.6 | 606.6 | 605.6 | 608.1 | 608.7 |
| 152.5° | 632.2 | 628.1 | 625.0 | 624.0 | 624.0 | 623.0 | 622.0 | 622.0 | 624.4 | 625.0 |
| 155°   | 650.6 | 645.5 | 640.4 | 642.4 | 644.5 | 641.4 | 639.3 | 639.3 | 642.6 | 643.4 |
| 157.5° | 664.9 | 662.9 | 658.8 | 659.8 | 660.8 | 658.8 | 657.8 | 657.8 | 660.2 | 660.8 |
| 160°   | 676.2 | 679.2 | 673.1 | 670.0 | 670.0 | 671.1 | 674.1 | 675.1 | 677.6 | 678.2 |
| 162.5° | 685.4 | 686.4 | 682.3 | 678.2 | 676.2 | 680.3 | 684.4 | 684.4 | 687.6 | 688.4 |
| 165°   | 695.6 | 692.5 | 687.4 | 688.4 | 688.4 | 691.5 | 691.5 | 693.6 | 696.0 | 696.6 |
| 167.5° | 703.8 | 699.7 | 693.6 | 700.7 | 703.8 | 701.7 | 699.7 | 702.8 | 705.2 | 705.8 |
| 170°   | 709.9 | 704.8 | 701.7 | 706.9 | 708.9 | 707.9 | 707.9 | 711.0 | 713.4 | 714.0 |
| 172.5° | 709.9 | 707.9 | 704.8 | 705.8 | 705.8 | 708.9 | 711.0 | 713.0 | 714.6 | 715.0 |
| 175°   | 712.0 | 711.0 | 705.8 | 705.8 | 706.9 | 711.0 | 713.0 | 714.0 | 715.7 | 716.1 |
| 177.5° | 717.1 | 715.0 | 709.9 | 711.0 | 713.0 | 715.0 | 716.1 | 721.2 | 722.8 | 723.2 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

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