

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-ULG**

Issue Date: 3/30/2022

**Test Information**

Test Method: LM-79-08  
Report Number: REPORT IS A COMBINATION OF REPORTS P401324 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-ULG  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT  
(1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5762.9 lumens  
Efficiency: N/A  
Efficacy: 115.3 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

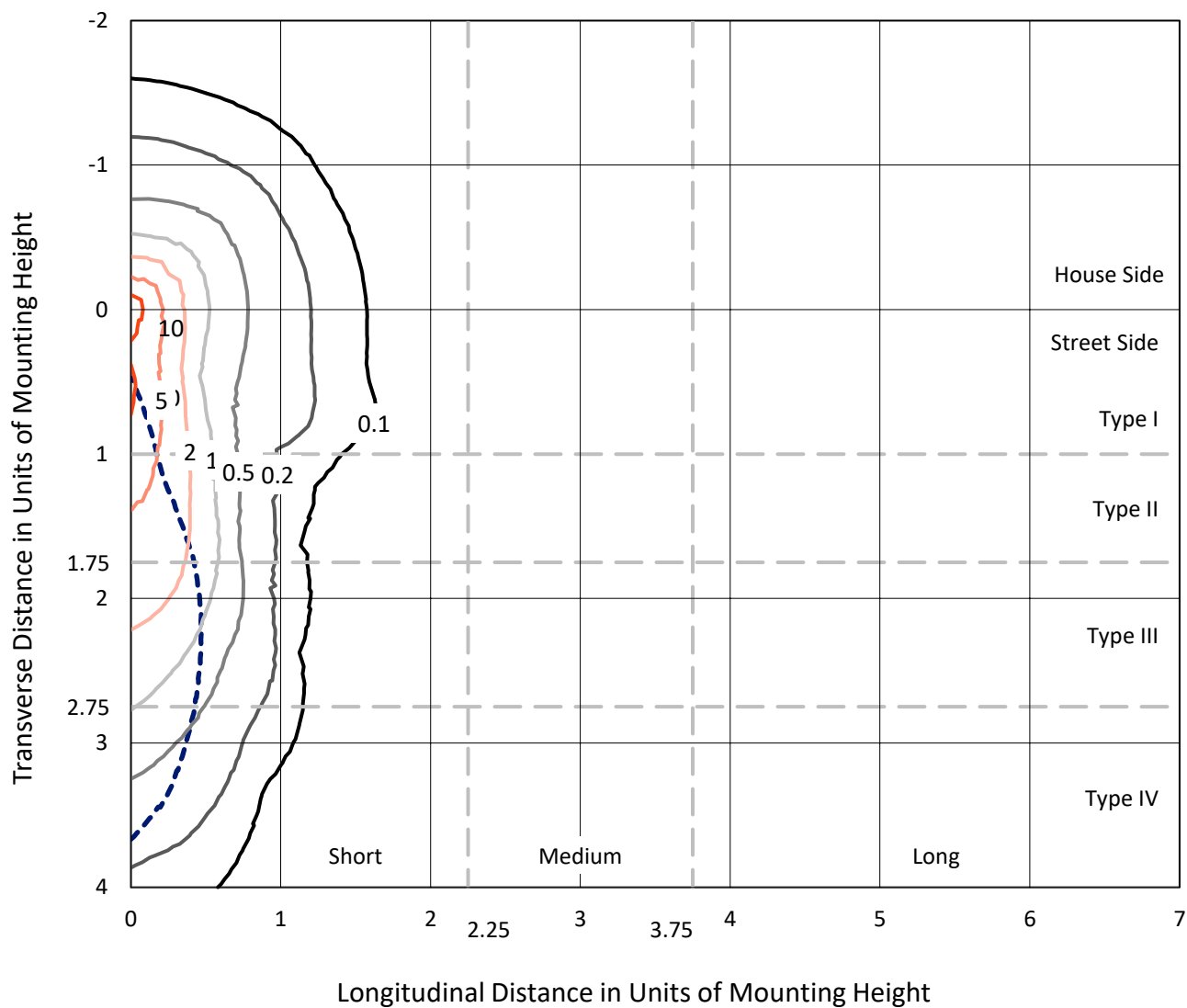
Input Watts (W): 50  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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

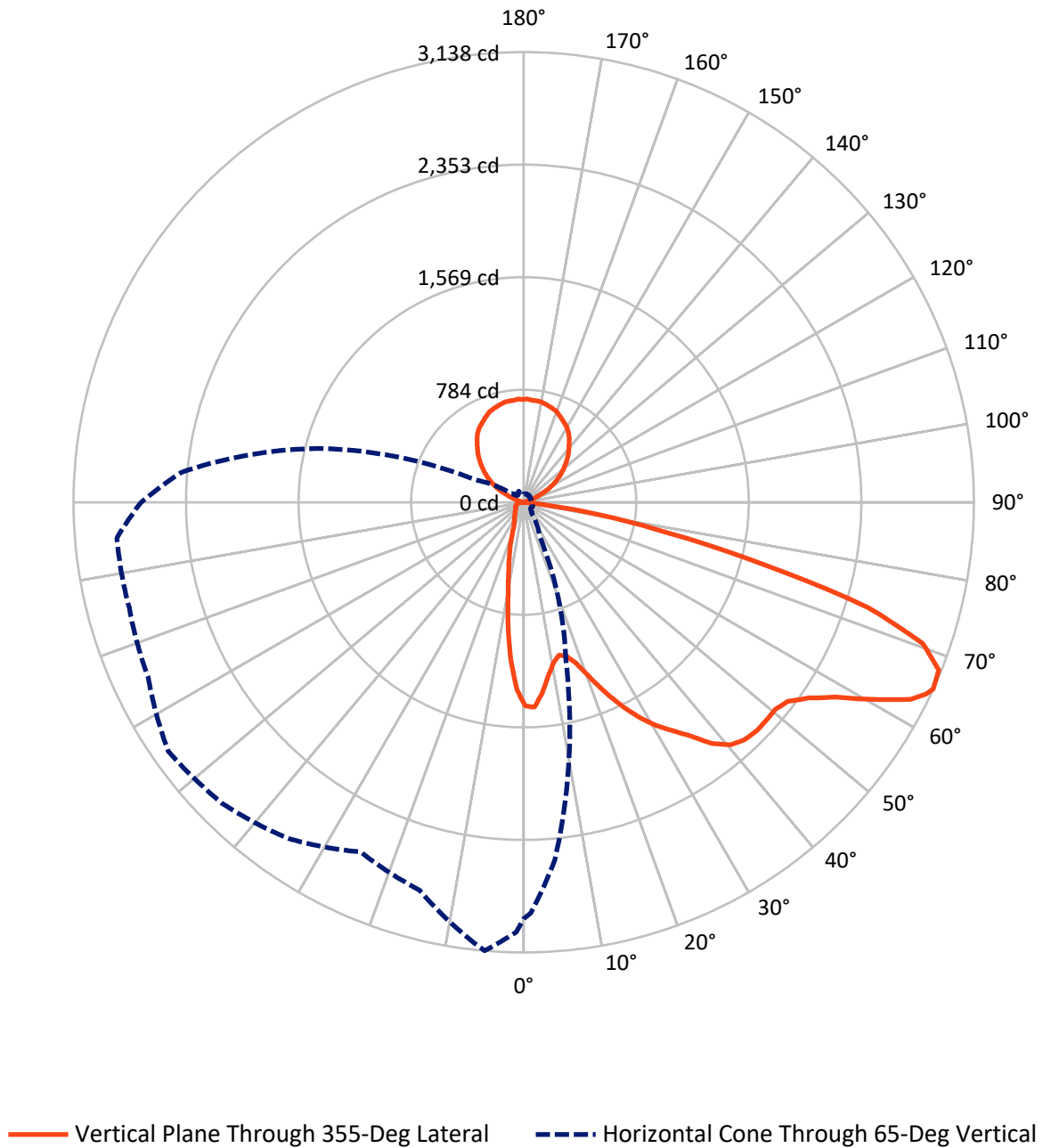
× Max cd  
 --- 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.2 fc  
 Type IV - Short - N/A

REPORT NUMBER:  
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## Luminous Intensity Polar Plot



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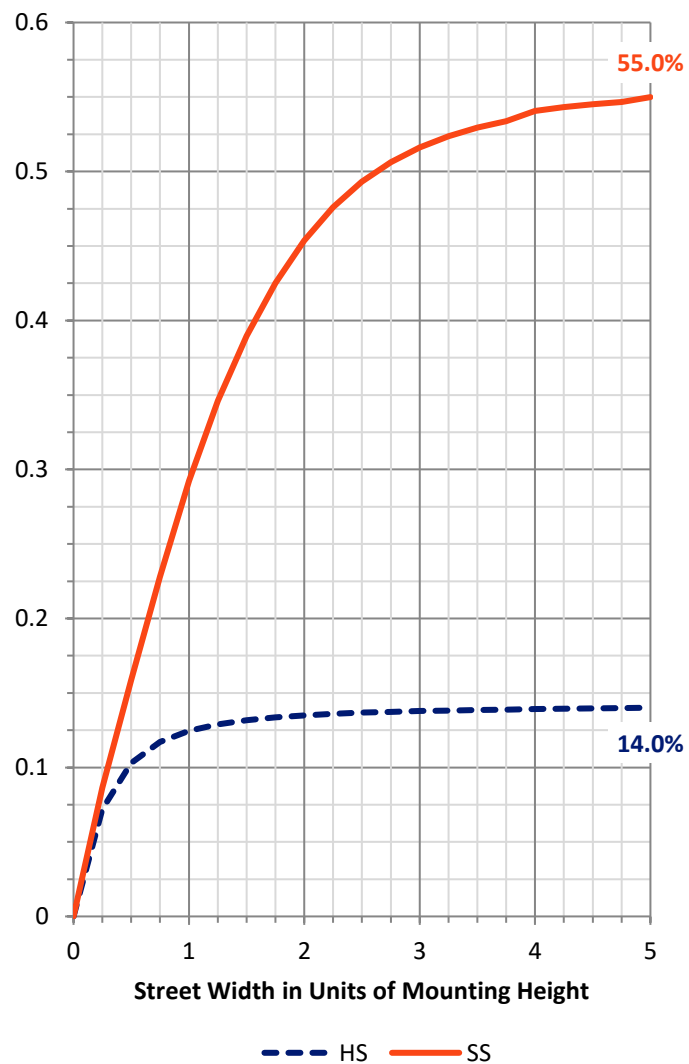
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 818.5    | 887.0  | 1705.4 |
|                    | % Fixture | 14.2     | 15.4   | 29.6   |
| <b>Street Side</b> | Lumens    | 3170.5   | 887.0  | 4057.5 |
|                    | % Fixture | 55.0     | 15.4   | 70.4   |
| <b>Total</b>       | Lumens    | 3989.0   | 1773.9 | 5762.9 |
|                    | % Fixture | 69.2     | 30.8   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 108.3  | 1.9       |
| 10°-20°   | 215.7  | 3.7       |
| 20°-30°   | 299.1  | 5.2       |
| 30°-40°   | 418.1  | 7.3       |
| 40°-50°   | 568.9  | 9.9       |
| 50°-60°   | 777.9  | 13.5      |
| 60°-70°   | 951.1  | 16.5      |
| 70°-80°   | 574.2  | 10.0      |
| 80°-90°   | 75.7   | 1.3       |
| 90°-100°  | 8.4    | 0.1       |
| 100°-110° | 58.7   | 1.0       |
| 110°-120° | 169.9  | 2.9       |
| 120°-130° | 279.4  | 4.8       |
| 130°-140° | 344.6  | 6.0       |
| 140°-150° | 352.5  | 6.1       |
| 150°-160° | 297.0  | 5.2       |
| 160°-170° | 195.5  | 3.4       |
| 170°-180° | 67.8   | 1.2       |
| 0°-90°    | 3989.0 | 69.2      |
| 0°-180°   | 5762.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER:

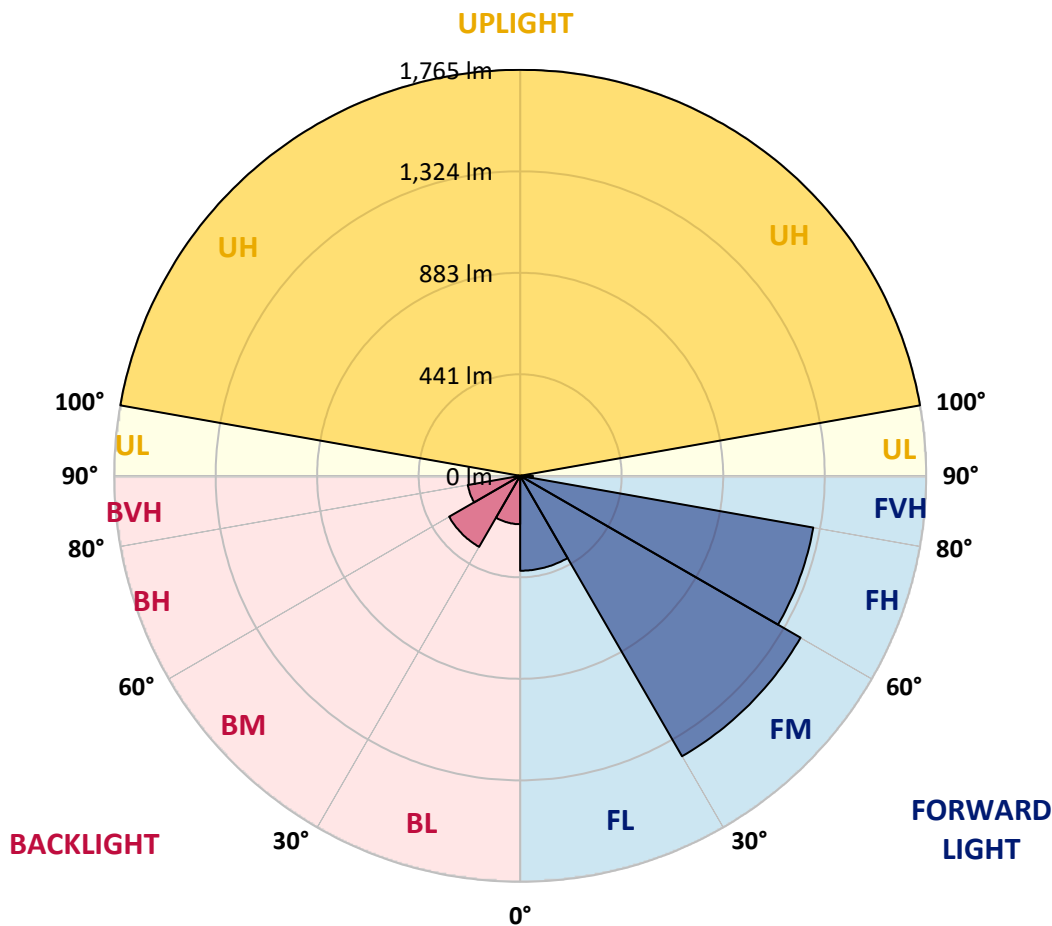
CATALOG NUMBER: ENC-SA1C-740-U-SLR-ULG

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 412.7  | 7.2       |                         |       |         |
| FM   | (30°-60°)   | 1408.1 | 24.4      |                         |       |         |
| FH   | (60°-80°)   | 1294.4 | 22.5      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 55.3   | 1.0       |                         |       | G1/100  |
| BL   | (0°-30°)    | 210.3  | 3.6       | B1/500                  |       |         |
| BM   | (30°-60°)   | 356.8  | 6.2       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 231.0  | 4.0       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 20.4   | 0.4       |                         |       | G1/100  |
| UL   | (90°-100°)  | 8.4    | 0.1       |                         | U1/10 |         |
| UH   | (100°-180°) | 1765.5 | 30.6      |                         | U5    |         |

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

Type IV Short



REPORT NUMBER:

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

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 |
| 2.5°   | 1416.2 | 1412.2 | 1402.1 | 1375.5 | 1346.8 | 1312.8 | 1306.8 | 1270.1 | 1274.1 | 1263.4 | 1266.1 |
| 5°     | 1293.4 | 1288.1 | 1260.7 | 1207.4 | 1134.7 | 1092.6 | 1060.0 | 1040.6 | 1024.6 | 1016.6 | 1026.6 |
| 7.5°   | 1174.0 | 1166.7 | 1134.0 | 1039.9 | 959.2  | 892.5  | 839.2  | 806.5  | 774.5  | 749.1  | 737.1  |
| 10°    | 1077.3 | 1074.6 | 1031.3 | 925.2  | 823.8  | 742.4  | 707.7  | 673.1  | 645.7  | 609.7  | 580.3  |
| 12.5°  | 1028.6 | 1020.6 | 969.2  | 845.8  | 747.1  | 697.1  | 664.4  | 620.4  | 583.0  | 539.0  | 501.0  |
| 15°    | 1030.6 | 1021.3 | 957.2  | 827.8  | 720.4  | 659.7  | 609.7  | 557.0  | 502.3  | 457.6  | 418.9  |
| 17.5°  | 1088.0 | 1081.3 | 1003.3 | 844.5  | 697.7  | 613.7  | 535.6  | 467.6  | 407.6  | 351.5  | 316.9  |
| 20°    | 1184.7 | 1174.7 | 1066.6 | 864.5  | 669.1  | 561.0  | 454.9  | 361.5  | 296.8  | 247.5  | 220.1  |
| 22.5°  | 1310.8 | 1292.1 | 1156.7 | 889.2  | 640.4  | 501.0  | 367.5  | 263.5  | 206.1  | 181.4  | 174.1  |
| 25°    | 1445.5 | 1430.8 | 1265.4 | 920.5  | 609.7  | 435.6  | 272.2  | 191.4  | 171.4  | 161.4  | 156.1  |
| 27.5°  | 1569.6 | 1545.6 | 1382.1 | 955.2  | 569.0  | 370.2  | 206.8  | 164.8  | 151.4  | 146.8  | 143.4  |
| 30°    | 1658.3 | 1637.6 | 1462.9 | 995.2  | 533.6  | 302.2  | 176.8  | 149.4  | 138.7  | 131.4  | 130.1  |
| 32.5°  | 1743.0 | 1713.7 | 1521.6 | 1013.9 | 504.3  | 265.5  | 163.4  | 138.7  | 128.7  | 121.4  | 118.7  |
| 35°    | 1843.1 | 1813.7 | 1588.9 | 1016.6 | 482.3  | 250.1  | 150.8  | 130.7  | 120.1  | 113.4  | 110.1  |
| 37.5°  | 1961.1 | 1921.1 | 1665.0 | 1018.6 | 460.3  | 244.1  | 140.1  | 124.1  | 113.4  | 106.1  | 103.4  |
| 40°    | 2073.2 | 2042.5 | 1743.0 | 1015.3 | 445.6  | 235.5  | 133.4  | 116.7  | 106.7  | 100.1  | 96.7   |
| 42.5°  | 2157.9 | 2125.2 | 1809.7 | 1005.3 | 436.9  | 220.8  | 136.1  | 111.4  | 102.1  | 94.7   | 90.7   |
| 45°    | 2201.3 | 2171.9 | 1870.4 | 995.9  | 432.3  | 208.1  | 133.4  | 109.4  | 98.7   | 90.1   | 86.1   |
| 47.5°  | 2234.0 | 2205.3 | 1932.5 | 991.9  | 424.2  | 198.8  | 122.7  | 116.7  | 95.4   | 85.4   | 81.4   |
| 50°    | 2286.7 | 2262.0 | 2016.5 | 1014.6 | 411.6  | 192.8  | 112.7  | 124.7  | 94.1   | 81.4   | 76.7   |
| 52.5°  | 2381.4 | 2365.4 | 2155.3 | 1067.3 | 398.2  | 182.8  | 102.7  | 119.4  | 95.4   | 78.7   | 73.4   |
| 55°    | 2558.2 | 2548.1 | 2346.0 | 1136.7 | 385.6  | 170.1  | 92.1   | 108.1  | 94.7   | 74.0   | 70.0   |
| 57.5°  | 2748.9 | 2746.3 | 2577.5 | 1197.4 | 366.9  | 148.8  | 85.4   | 91.4   | 90.1   | 70.0   | 65.4   |
| 60°    | 2877.0 | 2868.3 | 2684.2 | 1231.4 | 342.9  | 122.7  | 80.0   | 77.4   | 92.1   | 66.0   | 60.7   |
| 62.5°  | 2921.0 | 2892.3 | 2652.2 | 1218.7 | 306.8  | 106.1  | 74.0   | 70.7   | 85.4   | 62.0   | 56.0   |
| 64°    | 2918.4 | 2876.3 | 2568.8 | 1170.7 | 283.5  | 102.7  | 70.7   | 66.0   | 75.4   | 59.4   | 54.0   |
| 65°    | 2903.0 | 2863.0 | 2499.5 | 1133.3 | 270.8  | 102.7  | 68.7   | 64.0   | 68.7   | 58.0   | 52.7   |
| 67.5°  | 2805.0 | 2752.3 | 2262.6 | 959.9  | 238.1  | 104.1  | 64.0   | 58.7   | 57.4   | 53.4   | 49.4   |
| 70°    | 2581.5 | 2512.8 | 1937.8 | 755.1  | 220.8  | 104.7  | 58.7   | 53.4   | 51.4   | 48.7   | 45.4   |
| 72.5°  | 2073.2 | 1981.2 | 1542.2 | 539.6  | 202.8  | 102.7  | 53.4   | 48.7   | 46.7   | 44.0   | 40.7   |
| 75°    | 1390.1 | 1289.4 | 1136.7 | 355.5  | 166.1  | 92.1   | 46.0   | 42.0   | 41.4   | 38.7   | 36.0   |
| 77.5°  | 783.8  | 741.8  | 671.1  | 195.4  | 114.7  | 63.4   | 36.7   | 34.0   | 34.7   | 33.4   | 30.7   |
| 80°    | 409.6  | 390.2  | 358.9  | 94.7   | 55.4   | 30.7   | 23.3   | 23.3   | 26.7   | 26.7   | 25.3   |
| 82.5°  | 144.8  | 145.4  | 140.7  | 21.3   | 11.3   | 9.3    | 8.0    | 11.3   | 15.3   | 18.7   | 18.7   |
| 85°    | 0.7    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    | 2.7    | 4.7    |
| 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°     | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 |
| 2.5°   | 1243.4 | 1247.4 | 1258.1 | 1256.1 | 1266.7 | 1262.1 | 1276.1 | 1283.4 | 1287.4 | 1308.1 | 1318.1 |
| 5°     | 1018.6 | 1019.9 | 1057.9 | 1066.0 | 1086.0 | 1075.3 | 1100.0 | 1090.6 | 1110.6 | 1113.3 | 1146.7 |
| 7.5°   | 748.4  | 751.1  | 769.8  | 813.8  | 857.2  | 875.2  | 882.5  | 893.9  | 884.5  | 881.2  | 885.8  |
| 10°    | 569.0  | 571.0  | 573.0  | 604.4  | 642.4  | 680.4  | 680.4  | 681.1  | 664.4  | 647.7  | 644.4  |
| 12.5°  | 486.3  | 473.6  | 453.6  | 454.3  | 480.9  | 499.0  | 513.0  | 498.3  | 495.6  | 503.6  | 512.3  |
| 15°    | 400.2  | 387.6  | 374.2  | 358.2  | 358.9  | 371.5  | 378.9  | 378.2  | 391.6  | 397.6  | 415.6  |
| 17.5°  | 310.8  | 292.8  | 293.5  | 284.2  | 271.5  | 279.5  | 281.5  | 293.5  | 310.8  | 318.9  | 322.2  |
| 20°    | 208.8  | 208.8  | 214.1  | 225.5  | 219.5  | 224.8  | 225.5  | 234.8  | 242.8  | 238.1  | 242.8  |
| 22.5°  | 172.8  | 172.1  | 174.1  | 181.4  | 187.4  | 192.1  | 193.4  | 192.8  | 184.8  | 181.4  | 188.1  |
| 25°    | 156.8  | 156.1  | 156.8  | 160.8  | 167.4  | 173.4  | 170.8  | 166.8  | 157.4  | 156.8  | 158.1  |
| 27.5°  | 143.4  | 144.1  | 145.4  | 148.1  | 152.1  | 159.4  | 156.8  | 148.8  | 144.1  | 142.7  | 142.7  |
| 30°    | 132.1  | 132.1  | 134.7  | 137.4  | 142.1  | 148.8  | 144.1  | 137.4  | 132.7  | 131.4  | 130.7  |
| 32.5°  | 120.7  | 122.7  | 124.7  | 127.4  | 131.4  | 138.1  | 134.1  | 128.1  | 123.4  | 120.7  | 118.7  |
| 35°    | 109.4  | 110.7  | 114.7  | 118.7  | 122.1  | 127.4  | 124.7  | 119.4  | 114.7  | 108.7  | 106.1  |
| 37.5°  | 102.7  | 102.7  | 104.7  | 110.7  | 113.4  | 117.4  | 116.1  | 111.4  | 104.1  | 99.4   | 98.7   |
| 40°    | 96.7   | 96.7   | 97.4   | 100.7  | 105.4  | 110.1  | 107.4  | 100.1  | 95.4   | 93.4   | 92.7   |
| 42.5°  | 90.7   | 90.7   | 91.4   | 91.4   | 97.4   | 105.4  | 98.7   | 91.4   | 89.4   | 88.1   | 87.4   |
| 45°    | 85.4   | 85.4   | 85.4   | 84.7   | 88.1   | 98.1   | 90.7   | 84.7   | 83.4   | 83.4   | 82.7   |
| 47.5°  | 81.4   | 80.7   | 80.0   | 78.7   | 80.7   | 88.7   | 82.7   | 79.4   | 78.7   | 79.4   | 78.7   |
| 50°    | 76.0   | 75.4   | 74.7   | 74.0   | 75.4   | 78.7   | 77.4   | 74.0   | 74.7   | 74.7   | 75.4   |
| 52.5°  | 71.4   | 70.7   | 70.0   | 69.4   | 70.7   | 73.4   | 73.4   | 70.7   | 70.7   | 71.4   | 72.0   |
| 55°    | 68.7   | 67.4   | 66.7   | 66.7   | 67.4   | 70.7   | 70.0   | 68.0   | 68.0   | 69.4   | 70.0   |
| 57.5°  | 64.7   | 63.4   | 63.4   | 62.7   | 64.0   | 68.0   | 67.4   | 65.4   | 65.4   | 66.0   | 67.4   |
| 60°    | 60.7   | 60.0   | 59.4   | 60.7   | 61.4   | 65.4   | 64.7   | 63.4   | 62.7   | 64.7   | 64.7   |
| 62.5°  | 56.0   | 56.0   | 56.0   | 57.4   | 58.0   | 62.7   | 62.0   | 61.4   | 61.4   | 62.0   | 61.4   |
| 64°    | 53.4   | 53.4   | 54.0   | 54.7   | 56.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 59.4   |
| 65°    | 52.0   | 52.0   | 53.4   | 54.0   | 54.7   | 59.4   | 58.7   | 59.4   | 60.0   | 59.4   | 58.0   |
| 67.5°  | 48.7   | 48.7   | 50.7   | 50.7   | 51.4   | 56.7   | 56.0   | 57.4   | 58.7   | 57.4   | 56.0   |
| 70°    | 44.7   | 45.4   | 47.4   | 46.7   | 48.0   | 54.0   | 52.0   | 54.7   | 57.4   | 55.4   | 54.0   |
| 72.5°  | 40.7   | 41.4   | 44.0   | 42.7   | 43.4   | 50.7   | 48.0   | 50.7   | 54.7   | 53.4   | 52.0   |
| 75°    | 36.7   | 37.4   | 39.4   | 38.7   | 40.0   | 46.7   | 44.0   | 46.7   | 50.7   | 50.7   | 50.0   |
| 77.5°  | 31.4   | 32.7   | 34.0   | 33.4   | 36.0   | 42.0   | 39.4   | 41.4   | 44.7   | 47.4   | 46.0   |
| 80°    | 25.3   | 27.3   | 28.0   | 28.7   | 31.4   | 36.0   | 34.0   | 34.7   | 38.0   | 40.0   | 40.7   |
| 82.5°  | 17.3   | 20.7   | 22.0   | 22.7   | 26.7   | 28.0   | 28.7   | 28.0   | 30.0   | 32.7   | 30.7   |
| 85°    | 5.3    | 6.7    | 12.7   | 16.0   | 20.0   | 20.0   | 23.3   | 22.0   | 23.3   | 20.7   | 17.3   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 4.7    | 12.0   | 12.0   | 16.7   | 15.3   | 16.0   | 12.0   | 10.7   |
| 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°     | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 |
| 2.5°   | 1320.1 | 1331.4 | 1356.8 | 1386.1 | 1402.1 | 1436.8 | 1458.2 | 1480.9 | 1503.5 | 1508.2 | 1515.5 |
| 5°     | 1153.3 | 1166.7 | 1195.4 | 1234.7 | 1274.1 | 1320.1 | 1373.5 | 1430.2 | 1492.9 | 1519.6 | 1545.6 |
| 7.5°   | 898.5  | 901.2  | 941.9  | 1013.3 | 1047.9 | 1113.3 | 1189.4 | 1276.7 | 1373.5 | 1423.5 | 1476.9 |
| 10°    | 663.7  | 691.1  | 721.8  | 781.1  | 868.5  | 943.9  | 1037.9 | 1140.0 | 1240.7 | 1313.4 | 1368.8 |
| 12.5°  | 521.6  | 556.3  | 607.0  | 672.4  | 738.4  | 809.8  | 918.5  | 1027.9 | 1152.0 | 1217.4 | 1285.4 |
| 15°    | 429.6  | 473.6  | 539.6  | 608.4  | 669.7  | 733.1  | 829.8  | 963.9  | 1122.7 | 1189.4 | 1250.1 |
| 17.5°  | 340.2  | 388.9  | 459.6  | 531.6  | 605.0  | 682.4  | 794.5  | 960.6  | 1154.0 | 1231.4 | 1294.1 |
| 20°    | 260.8  | 298.8  | 358.2  | 430.9  | 517.0  | 623.0  | 766.4  | 985.9  | 1246.7 | 1343.4 | 1384.8 |
| 22.5°  | 193.4  | 215.5  | 262.2  | 338.2  | 439.6  | 570.3  | 738.4  | 1021.9 | 1361.5 | 1474.9 | 1506.2 |
| 25°    | 160.1  | 166.1  | 187.4  | 253.5  | 358.2  | 511.0  | 717.1  | 1068.6 | 1476.2 | 1603.6 | 1626.3 |
| 27.5°  | 144.1  | 147.4  | 157.4  | 182.1  | 280.2  | 462.3  | 689.1  | 1122.7 | 1596.9 | 1731.0 | 1729.0 |
| 30°    | 130.1  | 130.7  | 136.7  | 154.1  | 227.5  | 418.9  | 656.4  | 1182.7 | 1704.3 | 1822.4 | 1816.4 |
| 32.5°  | 117.4  | 117.4  | 125.4  | 138.7  | 194.1  | 379.6  | 617.0  | 1226.0 | 1797.7 | 1897.1 | 1877.8 |
| 35°    | 106.1  | 108.1  | 115.4  | 128.7  | 172.1  | 335.5  | 580.3  | 1242.1 | 1877.8 | 1987.2 | 1932.5 |
| 37.5°  | 98.1   | 100.7  | 108.1  | 120.7  | 153.4  | 302.8  | 550.3  | 1260.7 | 1976.5 | 2095.9 | 1993.8 |
| 40°    | 92.7   | 94.7   | 101.4  | 112.1  | 138.7  | 275.5  | 517.6  | 1273.4 | 2074.5 | 2212.0 | 2058.5 |
| 42.5°  | 87.4   | 89.4   | 96.1   | 106.1  | 132.1  | 243.5  | 486.3  | 1280.7 | 2176.6 | 2312.7 | 2112.6 |
| 45°    | 82.7   | 85.4   | 92.1   | 101.4  | 132.7  | 214.8  | 460.3  | 1278.1 | 2238.0 | 2385.4 | 2154.6 |
| 47.5°  | 79.4   | 82.0   | 89.4   | 101.4  | 128.7  | 198.1  | 438.3  | 1268.7 | 2283.3 | 2432.7 | 2173.9 |
| 50°    | 76.0   | 78.7   | 87.4   | 112.1  | 122.1  | 193.4  | 421.6  | 1267.4 | 2330.7 | 2442.1 | 2173.9 |
| 52.5°  | 72.7   | 77.4   | 88.1   | 112.7  | 112.1  | 191.4  | 408.2  | 1302.8 | 2396.1 | 2458.1 | 2193.3 |
| 55°    | 70.7   | 74.7   | 90.7   | 104.1  | 98.1   | 184.8  | 400.2  | 1351.5 | 2506.1 | 2546.1 | 2290.7 |
| 57.5°  | 68.0   | 71.4   | 89.4   | 97.4   | 87.4   | 169.4  | 393.6  | 1398.1 | 2650.9 | 2709.6 | 2484.8 |
| 60°    | 64.7   | 68.7   | 86.7   | 83.4   | 79.4   | 144.1  | 389.6  | 1436.8 | 2704.9 | 2815.0 | 2693.6 |
| 62.5°  | 61.4   | 66.0   | 94.7   | 72.7   | 73.4   | 120.1  | 382.2  | 1474.2 | 2590.8 | 2789.6 | 2827.6 |
| 64°    | 59.4   | 64.0   | 88.1   | 68.0   | 70.0   | 109.4  | 374.9  | 1476.2 | 2490.1 | 2729.6 | 2853.0 |
| 65°    | 58.0   | 62.0   | 82.0   | 65.4   | 67.4   | 106.7  | 368.2  | 1448.2 | 2395.4 | 2665.6 | 2845.7 |
| 67.5°  | 56.0   | 58.7   | 63.4   | 60.7   | 62.7   | 102.1  | 322.9  | 1324.8 | 2193.9 | 2500.8 | 2731.6 |
| 70°    | 53.4   | 55.4   | 56.0   | 55.4   | 58.7   | 98.7   | 272.8  | 1149.3 | 1973.8 | 2328.0 | 2554.2 |
| 72.5°  | 50.7   | 50.7   | 50.7   | 50.0   | 54.0   | 94.1   | 245.5  | 928.5  | 1705.7 | 2101.2 | 2333.4 |
| 75°    | 48.7   | 46.7   | 46.0   | 44.7   | 49.4   | 91.4   | 221.5  | 697.1  | 1318.1 | 1750.4 | 1955.1 |
| 77.5°  | 44.7   | 42.7   | 40.7   | 39.4   | 44.0   | 81.4   | 184.8  | 492.3  | 971.9  | 1273.4 | 1508.9 |
| 80°    | 38.7   | 37.4   | 34.7   | 32.7   | 36.7   | 64.0   | 140.1  | 304.2  | 711.1  | 859.8  | 989.9  |
| 82.5°  | 31.4   | 30.7   | 28.0   | 25.3   | 26.7   | 46.0   | 95.4   | 154.8  | 474.3  | 466.9  | 553.0  |
| 85°    | 19.3   | 24.0   | 20.7   | 16.7   | 18.0   | 26.7   | 38.7   | 49.4   | 145.4  | 87.4   | 135.4  |
| 87.5°  | 11.3   | 15.3   | 12.7   | 8.7    | 6.7    | 12.0   | 10.7   | 10.0   | 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°     | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 | 1419.5 |
| 2.5°   | 1532.9 | 1541.6 | 1546.2 | 1528.9 | 1510.2 | 1493.5 | 1461.5 | 1429.5 | 1412.8 | 1416.2 |
| 5°     | 1595.6 | 1610.3 | 1614.3 | 1588.9 | 1536.2 | 1482.2 | 1404.2 | 1336.8 | 1296.1 | 1293.4 |
| 7.5°   | 1571.6 | 1619.6 | 1627.6 | 1600.3 | 1524.9 | 1424.2 | 1318.1 | 1224.0 | 1183.4 | 1174.0 |
| 10°    | 1486.2 | 1559.6 | 1583.6 | 1574.2 | 1500.9 | 1385.5 | 1256.7 | 1137.3 | 1096.6 | 1077.3 |
| 12.5°  | 1398.8 | 1475.5 | 1490.2 | 1499.5 | 1454.8 | 1357.5 | 1216.0 | 1093.3 | 1044.6 | 1028.6 |
| 15°    | 1341.4 | 1394.1 | 1398.1 | 1406.8 | 1397.5 | 1344.1 | 1234.7 | 1111.3 | 1052.6 | 1030.6 |
| 17.5°  | 1333.4 | 1314.8 | 1302.1 | 1320.1 | 1331.4 | 1344.8 | 1283.4 | 1178.7 | 1116.0 | 1088.0 |
| 20°    | 1334.8 | 1276.7 | 1240.7 | 1239.4 | 1288.1 | 1362.1 | 1382.1 | 1292.1 | 1210.7 | 1184.7 |
| 22.5°  | 1383.5 | 1256.7 | 1196.7 | 1189.4 | 1248.7 | 1391.5 | 1482.9 | 1426.8 | 1345.4 | 1310.8 |
| 25°    | 1456.2 | 1244.7 | 1165.3 | 1167.3 | 1226.7 | 1410.8 | 1568.9 | 1561.6 | 1490.2 | 1445.5 |
| 27.5°  | 1526.2 | 1264.7 | 1161.3 | 1166.7 | 1234.1 | 1423.5 | 1640.3 | 1688.3 | 1608.3 | 1569.6 |
| 30°    | 1582.3 | 1309.4 | 1173.3 | 1178.0 | 1256.7 | 1440.8 | 1675.6 | 1801.0 | 1704.3 | 1658.3 |
| 32.5°  | 1630.9 | 1351.5 | 1191.4 | 1194.7 | 1292.8 | 1465.5 | 1709.0 | 1895.8 | 1797.7 | 1743.0 |
| 35°    | 1675.0 | 1387.5 | 1218.7 | 1230.0 | 1338.8 | 1500.9 | 1743.0 | 1998.5 | 1911.8 | 1843.1 |
| 37.5°  | 1713.7 | 1431.5 | 1272.7 | 1291.4 | 1406.2 | 1552.2 | 1787.0 | 2133.9 | 2039.2 | 1961.1 |
| 40°    | 1735.7 | 1470.9 | 1352.8 | 1380.8 | 1493.5 | 1618.9 | 1843.1 | 2222.0 | 2161.3 | 2073.2 |
| 42.5°  | 1752.4 | 1524.9 | 1481.5 | 1532.2 | 1628.9 | 1681.6 | 1869.8 | 2261.3 | 2233.3 | 2157.9 |
| 45°    | 1761.0 | 1631.6 | 1675.0 | 1722.3 | 1781.7 | 1750.4 | 1855.1 | 2274.7 | 2266.0 | 2201.3 |
| 47.5°  | 1800.4 | 1792.4 | 1899.1 | 1964.5 | 1961.1 | 1853.7 | 1827.1 | 2273.3 | 2287.3 | 2234.0 |
| 50°    | 1880.4 | 1979.8 | 2129.2 | 2193.3 | 2168.6 | 1950.5 | 1821.7 | 2271.3 | 2330.0 | 2286.7 |
| 52.5°  | 1975.8 | 2167.3 | 2378.1 | 2404.7 | 2352.7 | 2048.5 | 1861.7 | 2306.0 | 2410.1 | 2381.4 |
| 55°    | 2101.2 | 2343.4 | 2573.5 | 2582.2 | 2508.8 | 2143.9 | 1947.1 | 2408.1 | 2559.5 | 2558.2 |
| 57.5°  | 2276.0 | 2501.5 | 2737.6 | 2726.9 | 2623.5 | 2276.0 | 2084.5 | 2560.8 | 2725.6 | 2748.9 |
| 60°    | 2466.1 | 2668.2 | 2870.3 | 2864.3 | 2754.3 | 2428.1 | 2273.3 | 2787.0 | 2871.0 | 2877.0 |
| 62.5°  | 2648.2 | 2823.0 | 2998.4 | 2969.7 | 2845.7 | 2585.5 | 2534.8 | 3027.1 | 2965.7 | 2921.0 |
| 64°    | 2766.9 | 2875.0 | 3031.1 | 2985.7 | 2867.7 | 2660.9 | 2685.6 | 3105.1 | 2992.4 | 2918.4 |
| 65°    | 2845.7 | 2887.7 | 3023.8 | 2969.1 | 2860.3 | 2688.9 | 2799.6 | 3137.8 | 2997.1 | 2903.0 |
| 67.5°  | 2987.1 | 2815.0 | 2825.0 | 2781.6 | 2684.2 | 2662.9 | 2986.4 | 3119.8 | 2945.7 | 2805.0 |
| 70°    | 2947.7 | 2522.1 | 2384.7 | 2357.4 | 2240.6 | 2360.7 | 2963.1 | 2950.4 | 2752.9 | 2581.5 |
| 72.5°  | 2611.5 | 2025.2 | 1827.7 | 1803.0 | 1641.0 | 1789.0 | 2556.8 | 2512.8 | 2215.3 | 2073.2 |
| 75°    | 2151.9 | 1534.9 | 1305.4 | 1326.1 | 1202.7 | 1339.4 | 2033.9 | 1721.7 | 1474.9 | 1390.1 |
| 77.5°  | 1670.3 | 1084.6 | 901.9  | 877.2  | 852.5  | 867.2  | 1398.1 | 1033.9 | 861.8  | 783.8  |
| 80°    | 1064.6 | 681.7  | 676.4  | 618.4  | 598.3  | 504.3  | 718.4  | 550.3  | 432.9  | 409.6  |
| 82.5°  | 565.7  | 392.9  | 446.3  | 357.5  | 287.5  | 206.8  | 243.5  | 163.4  | 138.1  | 144.8  |
| 85°    | 154.8  | 81.4   | 22.7   | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 0.7    | 0.7    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 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 |

(END OF REPORT)