

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1444579

Luminaire Tested: EHBR1-18-UNV-TA-L850-UPL15

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444579  
REPORT IS A COMBINATION OF REPORTS P1444310 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-18-UNV-TA-L850-UPL15  
Description: Elevate Round Highbay at, 18000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

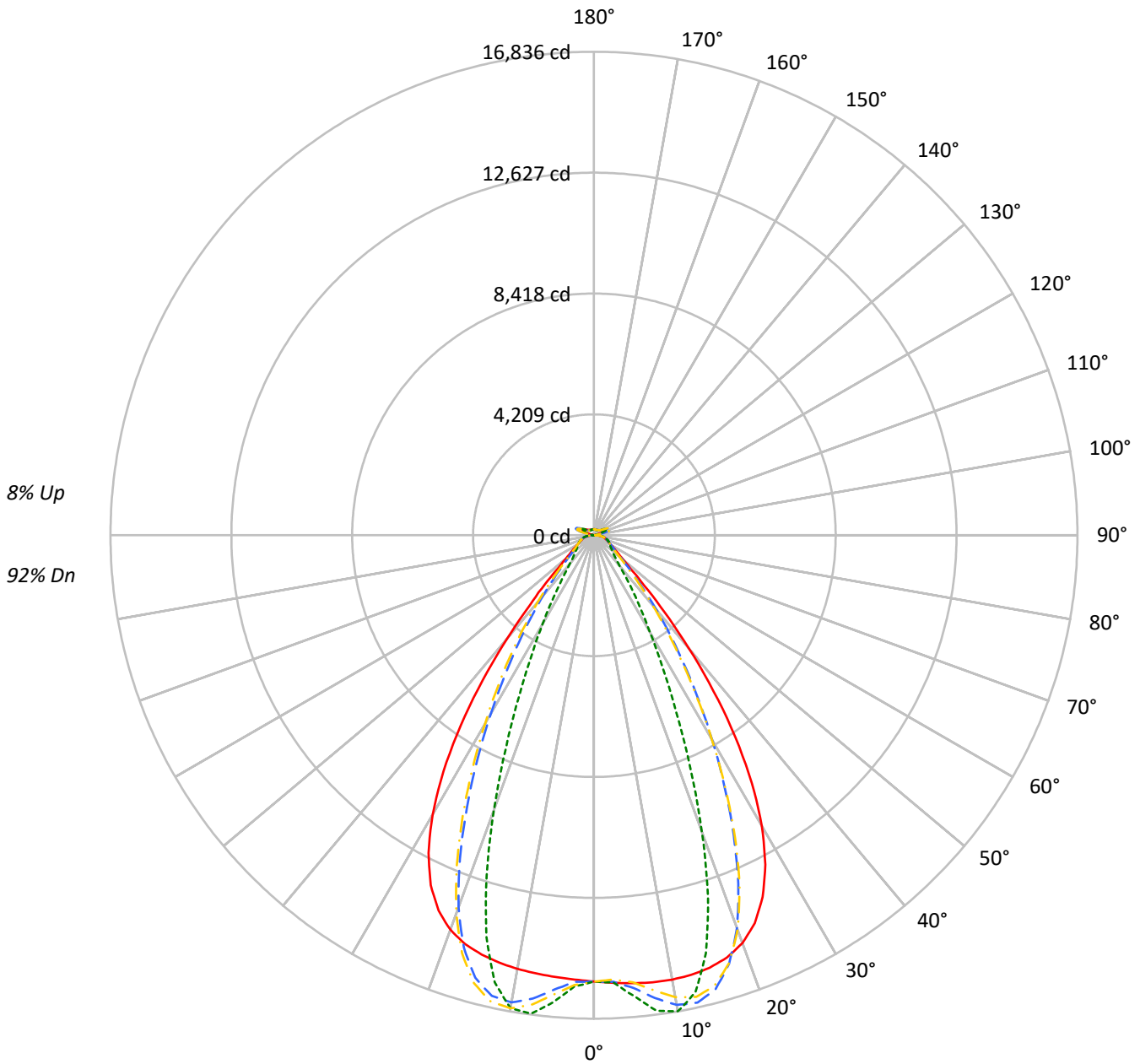
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19454.0 lumens  
Efficiency: N/A  
Efficacy: 187.1 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88  
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')  
CIE Type: Direct

Input Watts (W): 104  
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

TEST NUMBER: P1444579  
CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    | 20 |    |    |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |    |    | 10 |    |    | 0  |    |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |
| 0   | 117 | 117 | 117 | 117 | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 100 | 100 | 100 | 95 | 95 | 95 | 95 | 95 | 95 | 92 |
| 1   | 110 | 106 | 103 | 101 | 107 | 104 | 101 | 98  | 98  | 96  | 94  | 93  | 91  | 89  | 88 | 87 | 86 | 88 | 87 | 86 | 83 |
| 2   | 103 | 97  | 92  | 88  | 100 | 95  | 90  | 87  | 90  | 87  | 83  | 86  | 83  | 80  | 82 | 80 | 78 | 82 | 80 | 78 | 75 |
| 3   | 97  | 89  | 83  | 79  | 94  | 87  | 82  | 77  | 83  | 79  | 75  | 80  | 76  | 73  | 76 | 73 | 71 | 76 | 73 | 71 | 69 |
| 4   | 91  | 82  | 76  | 71  | 88  | 80  | 74  | 70  | 77  | 72  | 68  | 74  | 70  | 66  | 71 | 68 | 65 | 71 | 68 | 65 | 63 |
| 5   | 86  | 76  | 69  | 64  | 83  | 75  | 68  | 64  | 72  | 66  | 62  | 69  | 65  | 61  | 67 | 63 | 60 | 67 | 63 | 60 | 58 |
| 6   | 81  | 71  | 64  | 59  | 79  | 69  | 63  | 58  | 67  | 61  | 57  | 65  | 60  | 56  | 63 | 59 | 55 | 63 | 59 | 55 | 54 |
| 7   | 76  | 66  | 59  | 54  | 74  | 65  | 58  | 54  | 63  | 57  | 53  | 61  | 56  | 52  | 59 | 55 | 51 | 59 | 55 | 51 | 50 |
| 8   | 72  | 62  | 55  | 50  | 70  | 61  | 54  | 50  | 59  | 53  | 49  | 57  | 52  | 49  | 55 | 51 | 48 | 55 | 51 | 48 | 46 |
| 9   | 68  | 58  | 51  | 47  | 67  | 57  | 51  | 47  | 55  | 50  | 46  | 54  | 49  | 45  | 52 | 48 | 45 | 52 | 48 | 45 | 43 |
| 10  | 65  | 54  | 48  | 44  | 63  | 54  | 48  | 43  | 52  | 47  | 43  | 51  | 46  | 42  | 50 | 45 | 42 | 50 | 45 | 42 | 41 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 72981 | 72981 | 72981 | 72981 |
| 5°  | 73334 | 75473 | 72308 | 76461 |
| 10° | 73947 | 79241 | 72173 | 78716 |
| 15° | 74309 | 71831 | 72047 | 68939 |
| 20° | 73541 | 53512 | 71134 | 49511 |
| 25° | 69609 | 33843 | 67309 | 30707 |
| 30° | 60809 | 20337 | 58454 | 18586 |
| 35° | 46799 | 12762 | 44107 | 11305 |
| 40° | 29604 | 8005  | 27085 | 7522  |
| 45° | 15259 | 6236  | 15006 | 6134  |
| 50° | 8946  | 5547  | 8672  | 5460  |
| 55° | 6854  | 5248  | 6600  | 5201  |
| 60° | 5799  | 5361  | 5553  | 5291  |
| 65° | 5447  | 5599  | 5238  | 5407  |
| 70° | 5322  | 5862  | 5057  | 5643  |
| 75° | 5690  | 6218  | 5383  | 5942  |
| 80° | 5887  | 6885  | 5338  | 6284  |
| 85° | 5546  | 6642  | 4481  | 5688  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 23351 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1531.6  | 7.9       |
| 10°-20°   | 4308.5  | 22.1      |
| 20°-30°   | 4907.0  | 25.2      |
| 30°-40°   | 3526.9  | 18.1      |
| 40°-50°   | 1626.6  | 8.4       |
| 50°-60°   | 778.4   | 4.0       |
| 60°-70°   | 568.0   | 2.9       |
| 70°-80°   | 431.5   | 2.2       |
| 80°-90°   | 198.8   | 1.0       |
| 90°-100°  | 44.8    | 0.2       |
| 100°-110° | 259.4   | 1.3       |
| 110°-120° | 479.2   | 2.5       |
| 120°-130° | 292.7   | 1.5       |
| 130°-140° | 187.6   | 1.0       |
| 140°-150° | 138.7   | 0.7       |
| 150°-160° | 96.4    | 0.5       |
| 160°-170° | 58.0    | 0.3       |
| 170°-180° | 19.8    | 0.1       |
| 0°-30°    | 10747.1 | 55.2      |
| 0°-40°    | 14274.0 | 73.4      |
| 0°-60°    | 16679.1 | 85.7      |
| 0°-90°    | 17877.4 | 91.9      |
| 90°-120°  | 783.4   | 4.0       |
| 90°-150°  | 1402.5  | 7.2       |
| 90°-180°  | 1577.0  | 8.1       |
| 0°-180°   | 19454.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°    | 90°   | 180°  | 270°  | 360°  | Flux |
|------|-------|-------|-------|-------|-------|------|
| 0°   | 15541 | 15541 | 15541 | 15541 | 15541 |      |
| 5°   | 15658 | 16115 | 15439 | 16326 | 15658 | 1496 |
| 15°  | 15590 | 15070 | 15115 | 14463 | 15590 | 4392 |
| 25°  | 13901 | 6758  | 13442 | 6132  | 13901 | 6302 |
| 35°  | 8589  | 2342  | 8095  | 2075  | 8589  | 5271 |
| 45°  | 2469  | 1009  | 2428  | 992   | 2469  | 2100 |
| 55°  | 926   | 709   | 892   | 703   | 926   | 855  |
| 65°  | 568   | 584   | 547   | 564   | 568   | 568  |
| 75°  | 401   | 438   | 379   | 419   | 401   | 417  |
| 85°  | 191   | 228   | 154   | 196   | 191   | 179  |
| 90°  | 54    | 67    | 17    | 20    | 54    | 33   |
| 95°  | 20    | 23    | 21    | 23    | 20    | 20   |
| 105° | 93    | 120   | 63    | 121   | 93    | 124  |
| 115° | 418   | 507   | 438   | 507   | 418   | 386  |
| 125° | 314   | 329   | 355   | 330   | 314   | 286  |
| 135° | 246   | 219   | 265   | 220   | 246   | 192  |
| 145° | 218   | 212   | 232   | 214   | 218   | 138  |
| 155° | 203   | 204   | 216   | 206   | 203   | 95   |
| 165° | 202   | 202   | 209   | 203   | 202   | 57   |
| 175° | 206   | 208   | 210   | 209   | 206   | 20   |
| 180° | 209   | 209   | 209   | 209   | 209   |      |



TEST NUMBER: P1444579  
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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15600.2 | 15598.9 | 15598.7 | 15597.6 | 15597.3 | 15597.3 | 15596.7 | 15595.4 | 15594.7 | 15592.9 | 15590.9 |
| 5°     | 15658.0 | 15657.3 | 15657.7 | 15657.8 | 15656.7 | 15654.4 | 15650.5 | 15645.8 | 15640.0 | 15634.4 | 15629.5 |
| 7.5°   | 15702.8 | 15703.9 | 15705.3 | 15705.0 | 15701.5 | 15695.8 | 15688.1 | 15683.7 | 15686.3 | 15694.7 | 15714.1 |
| 10°    | 15711.0 | 15717.6 | 15720.2 | 15719.4 | 15712.6 | 15707.7 | 15709.7 | 15726.1 | 15758.9 | 15802.6 | 15862.4 |
| 12.5°  | 15679.1 | 15687.3 | 15687.0 | 15684.3 | 15677.8 | 15684.4 | 15708.3 | 15757.2 | 15827.6 | 15913.8 | 16014.9 |
| 15°    | 15589.6 | 15600.3 | 15597.3 | 15593.8 | 15589.3 | 15611.4 | 15659.0 | 15744.1 | 15852.6 | 15974.2 | 16098.7 |
| 17.5°  | 15416.0 | 15428.8 | 15422.6 | 15418.6 | 15414.9 | 15456.1 | 15537.9 | 15662.5 | 15799.2 | 15936.8 | 16054.7 |
| 20°    | 15114.8 | 15123.4 | 15108.5 | 15101.5 | 15107.4 | 15188.1 | 15308.6 | 15467.7 | 15611.8 | 15741.9 | 15822.5 |
| 22.5°  | 14623.2 | 14633.9 | 14606.1 | 14602.8 | 14637.1 | 14760.9 | 14913.4 | 15091.4 | 15226.8 | 15329.8 | 15360.9 |
| 25°    | 13900.9 | 13911.4 | 13878.4 | 13898.2 | 13956.5 | 14125.1 | 14306.8 | 14497.2 | 14612.6 | 14689.0 | 14667.9 |
| 27.5°  | 12926.1 | 12935.6 | 12904.3 | 12944.7 | 13037.0 | 13258.5 | 13472.2 | 13678.7 | 13781.7 | 13835.2 | 13767.4 |
| 30°    | 11696.6 | 11716.4 | 11679.4 | 11735.7 | 11876.6 | 12164.2 | 12409.1 | 12640.6 | 12743.3 | 12784.1 | 12678.6 |
| 32.5°  | 10236.3 | 10264.6 | 10223.8 | 10307.4 | 10504.1 | 10849.6 | 11127.8 | 11386.6 | 11500.0 | 11546.6 | 11427.3 |
| 35°    | 8589.2  | 8629.8  | 8583.1  | 8708.7  | 8951.2  | 9335.9  | 9644.0  | 9932.9  | 10067.3 | 10133.2 | 10013.2 |
| 37.5°  | 6844.3  | 6883.0  | 6857.7  | 7025.4  | 7291.6  | 7690.4  | 8004.9  | 8316.5  | 8468.3  | 8567.2  | 8472.5  |
| 40°    | 5131.2  | 5166.6  | 5185.7  | 5377.5  | 5628.0  | 6003.8  | 6305.9  | 6614.2  | 6784.0  | 6908.2  | 6849.7  |
| 42.5°  | 3621.7  | 3657.3  | 3722.4  | 3907.5  | 4116.3  | 4427.4  | 4686.3  | 4963.1  | 5125.3  | 5257.7  | 5235.2  |
| 45°    | 2468.8  | 2510.2  | 2591.8  | 2743.3  | 2894.4  | 3117.7  | 3307.6  | 3522.9  | 3655.5  | 3776.8  | 3778.1  |
| 47.5°  | 1730.0  | 1759.1  | 1832.0  | 1935.5  | 2034.0  | 2313.4  | 2324.9  | 2430.6  | 2519.7  | 2610.4  | 2622.2  |
| 50°    | 1333.2  | 1350.8  | 1389.5  | 1447.2  | 1503.0  | 1575.5  | 1641.9  | 1718.6  | 1773.4  | 1823.1  | 1835.0  |
| 52.5°  | 1095.8  | 1107.0  | 1126.7  | 1157.9  | 1190.3  | 1229.7  | 1265.3  | 1307.4  | 1337.2  | 1363.8  | 1369.4  |
| 55°    | 926.2   | 935.4   | 964.7   | 970.7   | 1007.7  | 1014.8  | 1030.6  | 1056.2  | 1073.6  | 1089.5  | 1093.5  |
| 57.5°  | 798.2   | 804.9   | 811.1   | 824.3   | 835.8   | 852.3   | 865.7   | 884.1   | 895.1   | 906.5   | 907.5   |
| 60°    | 697.1   | 701.9   | 706.5   | 715.6   | 723.4   | 734.9   | 744.2   | 756.6   | 764.5   | 773.2   | 774.1   |
| 62.5°  | 622.0   | 625.4   | 628.4   | 634.5   | 640.1   | 648.9   | 656.2   | 666.6   | 673.9   | 680.6   | 682.1   |
| 65°    | 568.5   | 571.1   | 573.0   | 577.6   | 582.4   | 590.0   | 596.5   | 605.1   | 610.5   | 615.6   | 616.7   |
| 67.5°  | 521.2   | 523.7   | 525.5   | 529.7   | 533.1   | 538.8   | 543.2   | 549.6   | 553.6   | 557.7   | 557.8   |
| 70°    | 467.0   | 469.1   | 470.7   | 474.6   | 477.3   | 482.1   | 485.7   | 491.4   | 495.7   | 500.2   | 501.4   |
| 72.5°  | 429.4   | 430.7   | 432.7   | 436.3   | 440.1   | 445.2   | 450.0   | 456.0   | 461.0   | 465.7   | 467.8   |
| 75°    | 400.8   | 402.3   | 403.7   | 406.8   | 409.3   | 413.7   | 417.3   | 422.8   | 427.1   | 432.2   | 434.7   |
| 77.5°  | 359.6   | 361.4   | 362.5   | 365.6   | 367.8   | 372.0   | 374.6   | 379.6   | 383.1   | 387.7   | 390.0   |
| 80°    | 309.7   | 311.4   | 312.3   | 315.1   | 316.9   | 320.7   | 323.4   | 328.1   | 331.0   | 335.6   | 338.4   |
| 82.5°  | 254.5   | 256.1   | 256.6   | 259.3   | 260.3   | 263.4   | 265.3   | 270.2   | 273.9   | 279.9   | 284.0   |
| 85°    | 190.6   | 191.2   | 192.0   | 191.3   | 195.3   | 195.5   | 199.9   | 200.7   | 206.4   | 207.9   | 214.5   |
| 87.5°  | 116.5   | 118.3   | 119.2   | 121.8   | 122.9   | 125.5   | 126.3   | 129.2   | 130.7   | 134.0   | 135.5   |
| 90°    | 53.6    | 56.6    | 57.9    | 61.2    | 62.4    | 65.4    | 66.5    | 69.8    | 71.1    | 74.7    | 76.4    |
| 92.5°  | 18.0    | 19.2    | 20.3    | 21.7    | 22.9    | 24.4    | 25.7    | 27.0    | 28.3    | 29.8    | 32.1    |
| 95°    | 20.5    | 21.9    | 23.3    | 24.6    | 25.9    | 27.3    | 28.7    | 30.0    | 31.3    | 32.7    | 36.5    |
| 97.5°  | 25.6    | 26.8    | 28.0    | 29.2    | 30.4    | 31.5    | 32.7    | 33.9    | 35.1    | 36.2    | 41.0    |
| 100°   | 33.5    | 34.5    | 35.5    | 36.4    | 37.4    | 38.5    | 39.5    | 40.5    | 41.5    | 42.4    | 51.1    |
| 102.5° | 55.2    | 58.7    | 62.3    | 65.7    | 69.3    | 72.7    | 76.3    | 79.7    | 83.2    | 86.7    | 105.2   |
| 105°   | 93.3    | 102.7   | 112.5   | 121.9   | 131.4   | 141.1   | 150.6   | 160.0   | 169.6   | 179.1   | 209.2   |
| 107.5° | 159.1   | 176.7   | 194.4   | 212.1   | 229.8   | 247.4   | 265.1   | 282.7   | 300.4   | 318.0   | 348.5   |
| 110°   | 293.6   | 307.7   | 322.0   | 336.1   | 350.4   | 364.7   | 378.9   | 392.9   | 407.2   | 421.3   | 443.6   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 395.8 | 402.1 | 408.5 | 415.0 | 421.4 | 427.9 | 434.3 | 440.7 | 447.0 | 453.3 | 469.2 |
| 115°   | 417.9 | 420.1 | 422.4 | 424.4 | 426.8 | 429.0 | 431.2 | 433.3 | 435.5 | 437.6 | 448.4 |
| 117.5° | 406.1 | 405.6 | 405.2 | 404.9 | 404.3 | 403.9 | 403.4 | 403.0 | 402.4 | 401.9 | 407.9 |
| 120°   | 379.1 | 377.1 | 375.1 | 373.1 | 371.1 | 368.9 | 367.0 | 365.0 | 362.9 | 360.7 | 363.2 |
| 122.5° | 345.1 | 342.6 | 340.4 | 337.9 | 335.4 | 333.0 | 330.5 | 328.0 | 325.5 | 323.1 | 324.0 |
| 125°   | 313.6 | 311.2 | 308.9 | 306.4 | 303.9 | 301.4 | 298.9 | 296.4 | 293.8 | 291.2 | 291.6 |
| 127.5° | 286.4 | 284.8 | 283.1 | 281.2 | 279.5 | 277.6 | 275.7 | 273.9 | 272.1 | 270.0 | 270.2 |
| 130°   | 269.1 | 267.6 | 266.0 | 264.3 | 262.8 | 261.1 | 259.3 | 257.6 | 255.9 | 254.0 | 254.2 |
| 132.5° | 255.0 | 254.0 | 252.9 | 251.7 | 250.5 | 249.1 | 247.9 | 246.4 | 245.2 | 243.8 | 244.0 |
| 135°   | 245.9 | 244.8 | 243.8 | 242.7 | 241.6 | 240.3 | 239.1 | 237.8 | 236.4 | 235.2 | 235.5 |
| 137.5° | 238.1 | 237.3 | 236.3 | 235.3 | 234.2 | 232.9 | 231.8 | 230.5 | 229.4 | 228.1 | 228.4 |
| 140°   | 231.1 | 230.2 | 229.5 | 228.4 | 227.5 | 226.4 | 225.3 | 224.2 | 223.1 | 221.8 | 222.3 |
| 142.5° | 223.1 | 222.3 | 221.7 | 220.9 | 220.1 | 219.2 | 218.3 | 217.3 | 216.5 | 215.4 | 216.1 |
| 145°   | 218.0 | 217.4 | 216.8 | 216.2 | 215.4 | 214.6 | 213.8 | 213.0 | 212.3 | 211.4 | 212.1 |
| 147.5° | 213.5 | 213.1 | 212.6 | 212.0 | 211.5 | 210.8 | 210.1 | 209.3 | 208.7 | 207.9 | 208.6 |
| 150°   | 209.6 | 209.1 | 208.7 | 208.2 | 207.6 | 207.1 | 206.4 | 205.7 | 205.1 | 204.3 | 205.0 |
| 152.5° | 205.4 | 204.9 | 204.5 | 204.0 | 203.4 | 202.8 | 202.3 | 201.7 | 201.1 | 200.4 | 201.0 |
| 155°   | 203.1 | 202.6 | 202.2 | 201.7 | 201.2 | 200.7 | 200.1 | 199.5 | 198.9 | 198.2 | 198.7 |
| 157.5° | 201.8 | 201.4 | 201.0 | 200.5 | 200.2 | 199.8 | 199.3 | 198.8 | 198.4 | 197.9 | 198.2 |
| 160°   | 201.6 | 201.2 | 200.8 | 200.3 | 199.9 | 199.4 | 199.0 | 198.5 | 198.1 | 197.6 | 197.9 |
| 162.5° | 201.4 | 200.9 | 200.5 | 200.1 | 199.7 | 199.3 | 198.9 | 198.5 | 198.1 | 197.6 | 197.9 |
| 165°   | 201.8 | 201.6 | 201.3 | 201.0 | 200.7 | 200.4 | 200.1 | 199.8 | 199.5 | 199.1 | 199.4 |
| 167.5° | 203.9 | 203.5 | 203.2 | 202.8 | 202.5 | 202.3 | 201.9 | 201.5 | 201.3 | 200.8 | 201.1 |
| 170°   | 204.9 | 204.6 | 204.4 | 204.2 | 204.0 | 203.8 | 203.6 | 203.3 | 203.1 | 202.9 | 203.1 |
| 172.5° | 206.2 | 205.9 | 205.8 | 205.7 | 205.5 | 205.3 | 205.2 | 205.0 | 204.9 | 204.6 | 205.0 |
| 175°   | 206.4 | 206.2 | 206.1 | 206.0 | 205.9 | 205.8 | 205.7 | 205.6 | 205.6 | 205.4 | 205.6 |
| 177.5° | 207.8 | 207.7 | 207.7 | 207.7 | 207.7 | 207.6 | 207.6 | 207.5 | 207.4 | 207.4 | 207.5 |
| 180°   | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°     | 42.5°   | 45°     | 47.5°   | 50°     | 52.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15589.3 | 15587.5 | 15584.9 | 15581.6 | 15578.7 | 15575.5 | 15567.7 | 15565.4 | 15568.0 | 15569.7 | 15573.3 |
| 5°     | 15626.4 | 15627.5 | 15628.0 | 15635.0 | 15641.1 | 15656.3 | 15775.9 | 15823.4 | 15860.2 | 15883.5 | 15918.9 |
| 7.5°   | 15738.1 | 15774.0 | 15809.6 | 15857.4 | 15898.6 | 15954.3 | 16163.5 | 16252.6 | 16315.8 | 16361.3 | 16417.3 |
| 10°    | 15927.4 | 16005.8 | 16079.3 | 16165.6 | 16239.6 | 16324.4 | 16519.2 | 16605.9 | 16660.6 | 16700.5 | 16737.7 |
| 12.5°  | 16118.0 | 16226.7 | 16325.1 | 16421.0 | 16501.2 | 16574.8 | 16643.2 | 16673.6 | 16676.1 | 16677.4 | 16657.7 |
| 15°    | 16217.3 | 16321.3 | 16407.9 | 16471.3 | 16518.5 | 16539.3 | 16421.4 | 16359.6 | 16281.4 | 16217.0 | 16111.0 |
| 17.5°  | 16154.7 | 16217.0 | 16254.4 | 16250.7 | 16231.3 | 16166.0 | 15832.2 | 15648.5 | 15466.1 | 15301.8 | 15086.3 |
| 20°    | 15876.1 | 15871.3 | 15838.7 | 15746.5 | 15635.4 | 15462.6 | 14890.1 | 14559.8 | 14240.4 | 13959.9 | 13619.7 |
| 22.5°  | 15357.7 | 15276.2 | 15162.5 | 14963.6 | 14742.8 | 14440.9 | 13620.5 | 13134.5 | 12690.0 | 12297.2 | 11857.3 |
| 25°    | 14606.8 | 14439.0 | 14229.3 | 13913.6 | 13570.4 | 13130.1 | 12118.9 | 11514.6 | 10980.7 | 10517.7 | 10010.1 |
| 27.5°  | 13645.6 | 13392.9 | 13085.5 | 12648.7 | 12183.7 | 11619.7 | 10498.5 | 9831.5  | 9258.6  | 8762.2  | 8221.9  |
| 30°    | 12507.7 | 12179.1 | 11782.2 | 11240.0 | 10679.1 | 10039.4 | 8902.3  | 8226.8  | 7646.7  | 7136.2  | 6595.4  |
| 32.5°  | 11221.8 | 10836.9 | 10371.9 | 9763.4  | 9156.7  | 8499.0  | 7400.9  | 6747.0  | 6192.9  | 5701.6  | 5212.3  |
| 35°    | 9803.6  | 9390.8  | 8898.8  | 8278.1  | 7675.1  | 7035.7  | 6028.0  | 5438.5  | 4949.1  | 4514.9  | 4119.8  |
| 37.5°  | 8282.3  | 7876.9  | 7409.3  | 6824.3  | 6265.2  | 5685.7  | 4816.3  | 4322.2  | 3911.6  | 3551.2  | 3246.1  |
| 40°    | 6700.5  | 6345.8  | 5941.2  | 5435.4  | 4958.2  | 4475.7  | 3762.0  | 3369.8  | 3045.8  | 2770.9  | 2542.3  |
| 42.5°  | 5138.1  | 4863.3  | 4553.0  | 4153.3  | 3788.2  | 3420.7  | 2871.4  | 2580.8  | 2340.8  | 2142.9  | 1981.3  |
| 45°    | 3727.9  | 3544.0  | 3335.9  | 3058.0  | 2805.4  | 2549.1  | 2158.2  | 1953.9  | 1797.7  | 1670.1  | 1562.2  |
| 47.5°  | 2606.0  | 2499.3  | 2492.8  | 2236.1  | 2050.8  | 1894.0  | 1642.2  | 1513.2  | 1417.4  | 1340.1  | 1271.9  |
| 50°    | 1830.1  | 1778.5  | 1714.4  | 1622.7  | 1536.8  | 1448.2  | 1294.7  | 1216.7  | 1160.7  | 1113.8  | 1070.7  |
| 52.5°  | 1368.1  | 1341.4  | 1307.2  | 1258.6  | 1212.0  | 1162.1  | 1065.1  | 1015.4  | 997.8   | 954.2   | 920.0   |
| 55°    | 1092.8  | 1077.4  | 1058.0  | 1029.4  | 1001.0  | 989.7   | 906.5   | 869.6   | 846.3   | 829.1   | 810.7   |
| 57.5°  | 907.7   | 896.2   | 884.7   | 865.4   | 849.0   | 829.1   | 784.9   | 766.0   | 752.1   | 742.0   | 729.2   |
| 60°    | 774.2   | 767.5   | 761.0   | 749.6   | 740.7   | 730.0   | 701.9   | 691.3   | 684.1   | 678.0   | 669.8   |
| 62.5°  | 683.4   | 679.8   | 676.5   | 670.5   | 666.0   | 660.2   | 640.9   | 635.8   | 632.2   | 629.1   | 624.2   |
| 65°    | 617.8   | 615.2   | 613.4   | 609.4   | 607.1   | 603.7   | 587.2   | 583.8   | 581.5   | 580.4   | 577.6   |
| 67.5°  | 558.1   | 555.5   | 554.3   | 551.5   | 550.5   | 548.4   | 534.9   | 533.0   | 532.2   | 532.6   | 531.5   |
| 70°    | 502.4   | 501.4   | 501.8   | 501.5   | 502.7   | 503.1   | 495.0   | 494.9   | 495.8   | 497.4   | 497.6   |
| 72.5°  | 469.0   | 469.0   | 469.6   | 469.9   | 471.1   | 471.7   | 464.9   | 464.6   | 465.0   | 466.3   | 466.3   |
| 75°    | 437.2   | 437.7   | 439.5   | 440.1   | 441.4   | 441.7   | 432.8   | 431.7   | 431.8   | 433.0   | 432.6   |
| 77.5°  | 393.2   | 395.1   | 398.4   | 400.1   | 402.9   | 403.4   | 393.3   | 392.1   | 392.1   | 393.4   | 392.3   |
| 80°    | 343.3   | 346.9   | 352.1   | 355.8   | 360.0   | 361.8   | 351.4   | 348.9   | 346.6   | 346.3   | 344.2   |
| 82.5°  | 290.3   | 294.7   | 301.0   | 304.2   | 308.7   | 309.8   | 292.4   | 289.2   | 287.2   | 287.4   | 285.5   |
| 85°    | 221.6   | 224.9   | 230.6   | 232.5   | 235.3   | 235.1   | 215.2   | 206.8   | 209.0   | 205.5   | 208.2   |
| 87.5°  | 139.0   | 141.0   | 144.5   | 145.0   | 146.3   | 146.0   | 126.1   | 122.2   | 121.0   | 121.1   | 119.6   |
| 90°    | 80.4    | 82.5    | 86.4    | 87.3    | 90.2    | 90.6    | 75.2    | 74.2    | 72.1    | 72.2    | 69.5    |
| 92.5°  | 34.7    | 36.9    | 39.5    | 41.9    | 44.5    | 46.9    | 47.4    | 49.3    | 47.0    | 44.4    | 42.0    |
| 95°    | 40.6    | 44.5    | 48.5    | 52.5    | 56.5    | 60.4    | 64.4    | 68.4    | 64.6    | 61.0    | 57.3    |
| 97.5°  | 45.7    | 50.3    | 54.9    | 59.6    | 64.3    | 69.0    | 73.7    | 78.4    | 74.5    | 70.3    | 66.4    |
| 100°   | 59.8    | 68.6    | 77.2    | 86.0    | 94.8    | 103.5   | 112.3   | 121.0   | 113.4   | 105.6   | 97.9    |
| 102.5° | 123.8   | 142.4   | 160.9   | 179.5   | 197.9   | 216.6   | 235.3   | 253.8   | 236.1   | 218.5   | 200.8   |
| 105°   | 239.4   | 269.3   | 299.5   | 329.5   | 359.5   | 389.6   | 419.8   | 449.9   | 421.7   | 393.5   | 365.2   |
| 107.5° | 379.0   | 409.5   | 440.0   | 470.4   | 501.0   | 531.4   | 562.3   | 592.7   | 565.2   | 537.6   | 510.1   |
| 110°   | 465.9   | 488.1   | 510.3   | 532.6   | 554.8   | 577.0   | 599.6   | 621.9   | 605.4   | 588.8   | 572.2   |



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**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 485.1 | 501.1 | 517.0 | 532.8 | 548.6 | 564.4 | 580.9 | 596.8 | 588.5 | 580.1 | 571.9 |
| 115°   | 459.0 | 469.9 | 480.5 | 491.2 | 501.9 | 512.7 | 523.9 | 534.8 | 532.0 | 529.3 | 526.6 |
| 117.5° | 413.9 | 419.8 | 425.9 | 431.8 | 437.7 | 443.7 | 450.5 | 456.6 | 456.9 | 457.3 | 457.7 |
| 120°   | 365.8 | 368.3 | 370.7 | 373.2 | 375.6 | 378.1 | 381.5 | 384.2 | 386.4 | 388.5 | 390.7 |
| 122.5° | 324.9 | 325.8 | 326.7 | 327.6 | 328.4 | 329.3 | 331.3 | 332.5 | 333.9 | 335.3 | 336.9 |
| 125°   | 292.0 | 292.5 | 292.9 | 293.3 | 293.5 | 294.0 | 295.8 | 296.3 | 296.4 | 296.4 | 296.4 |
| 127.5° | 270.1 | 270.2 | 270.2 | 270.2 | 270.1 | 270.2 | 271.6 | 271.9 | 270.8 | 269.8 | 268.8 |
| 130°   | 254.4 | 254.5 | 254.7 | 254.8 | 255.0 | 255.2 | 256.9 | 257.4 | 255.6 | 253.7 | 252.0 |
| 132.5° | 244.3 | 244.5 | 244.6 | 245.0 | 245.2 | 245.4 | 247.2 | 247.8 | 245.8 | 243.8 | 241.7 |
| 135°   | 235.6 | 236.1 | 236.3 | 236.6 | 236.9 | 237.4 | 239.4 | 240.1 | 238.2 | 236.2 | 234.3 |
| 137.5° | 228.6 | 229.1 | 229.3 | 229.7 | 230.0 | 230.3 | 232.6 | 233.3 | 231.8 | 230.1 | 228.7 |
| 140°   | 222.6 | 223.1 | 223.6 | 224.0 | 224.4 | 225.0 | 227.4 | 228.3 | 227.1 | 225.8 | 224.5 |
| 142.5° | 216.6 | 217.3 | 217.9 | 218.6 | 219.2 | 219.9 | 222.8 | 223.9 | 223.1 | 222.0 | 221.2 |
| 145°   | 212.7 | 213.5 | 214.2 | 215.0 | 215.8 | 216.7 | 219.8 | 221.1 | 220.5 | 219.9 | 219.3 |
| 147.5° | 209.1 | 209.9 | 210.6 | 211.3 | 212.1 | 213.0 | 216.2 | 217.6 | 217.2 | 216.8 | 216.4 |
| 150°   | 205.7 | 206.4 | 207.1 | 207.9 | 208.7 | 209.5 | 213.3 | 214.7 | 214.4 | 214.0 | 213.6 |
| 152.5° | 201.6 | 202.2 | 202.8 | 203.6 | 204.3 | 205.1 | 209.4 | 211.0 | 210.7 | 210.3 | 210.1 |
| 155°   | 199.1 | 199.7 | 200.1 | 200.7 | 201.2 | 202.0 | 206.6 | 208.0 | 207.9 | 207.7 | 207.5 |
| 157.5° | 198.5 | 198.8 | 199.1 | 199.5 | 199.9 | 200.3 | 205.1 | 206.7 | 206.4 | 206.2 | 206.1 |
| 160°   | 198.1 | 198.4 | 198.5 | 198.9 | 199.1 | 199.5 | 204.3 | 205.8 | 205.7 | 205.5 | 205.3 |
| 162.5° | 198.2 | 198.7 | 198.9 | 199.3 | 199.6 | 200.0 | 205.0 | 206.6 | 206.3 | 206.0 | 205.8 |
| 165°   | 199.5 | 199.7 | 199.9 | 200.2 | 200.4 | 200.7 | 205.2 | 206.6 | 206.5 | 206.2 | 206.1 |
| 167.5° | 201.2 | 201.5 | 201.6 | 201.9 | 202.1 | 202.4 | 206.7 | 207.9 | 207.9 | 207.7 | 207.6 |
| 170°   | 203.2 | 203.4 | 203.6 | 203.8 | 204.1 | 204.4 | 207.9 | 209.0 | 208.8 | 208.5 | 208.3 |
| 172.5° | 205.1 | 205.4 | 205.7 | 205.9 | 206.2 | 206.5 | 209.5 | 210.5 | 210.4 | 210.2 | 209.9 |
| 175°   | 205.8 | 205.9 | 206.2 | 206.5 | 206.7 | 206.8 | 209.2 | 210.0 | 209.9 | 209.8 | 209.7 |
| 177.5° | 207.7 | 207.9 | 208.0 | 208.1 | 208.3 | 208.5 | 210.0 | 210.5 | 210.4 | 210.4 | 210.3 |
| 180°   | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 57.5°   | 60°     | 62.5°   | 65°     | 67.5°   | 70°     | 72.5°   | 75°     | 77.5°   | 80°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15574.1 | 15579.6 | 15580.4 | 15586.8 | 15586.3 | 15593.9 | 15592.7 | 15598.9 | 15595.2 | 15600.4 | 15596.0 |
| 5°     | 15939.9 | 15973.1 | 15990.4 | 16022.8 | 16033.0 | 16062.0 | 16070.2 | 16096.6 | 16097.7 | 16118.7 | 16113.9 |
| 7.5°   | 16457.1 | 16505.9 | 16535.0 | 16575.0 | 16595.3 | 16628.6 | 16643.3 | 16668.0 | 16675.9 | 16695.5 | 16697.0 |
| 10°    | 16765.9 | 16789.6 | 16806.2 | 16817.4 | 16827.6 | 16832.3 | 16837.9 | 16836.4 | 16837.9 | 16835.8 | 16840.6 |
| 12.5°  | 16644.4 | 16609.7 | 16586.9 | 16543.4 | 16518.2 | 16470.3 | 16446.7 | 16400.5 | 16383.8 | 16344.1 | 16338.4 |
| 15°    | 16029.2 | 15908.4 | 15823.0 | 15698.9 | 15620.8 | 15498.7 | 15427.2 | 15317.0 | 15266.7 | 15179.1 | 15156.1 |
| 17.5°  | 14907.9 | 14683.7 | 14510.1 | 14287.4 | 14132.9 | 13924.8 | 13793.9 | 13621.6 | 13527.3 | 13388.4 | 13340.3 |
| 20°    | 13336.0 | 13004.1 | 12743.7 | 12433.6 | 12211.6 | 11935.1 | 11758.0 | 11534.7 | 11405.0 | 11234.4 | 11165.3 |
| 22.5°  | 11490.4 | 11077.3 | 10752.0 | 10385.6 | 10117.9 | 9809.6  | 9597.5  | 9355.9  | 9214.9  | 9029.5  | 8947.4  |
| 25°    | 9588.2  | 9132.5  | 8771.1  | 8385.0  | 8102.0  | 7793.1  | 7580.9  | 7343.5  | 7197.5  | 7021.6  | 6940.1  |
| 27.5°  | 7768.9  | 7307.8  | 6958.4  | 6599.4  | 6339.8  | 6061.1  | 5869.6  | 5662.3  | 5532.9  | 5382.6  | 5305.9  |
| 30°    | 6163.5  | 5756.6  | 5459.3  | 5161.5  | 4945.6  | 4719.2  | 4560.0  | 4388.3  | 4274.7  | 4146.0  | 4072.9  |
| 32.5°  | 4855.5  | 4541.4  | 4308.6  | 4072.2  | 3895.5  | 3706.3  | 3568.8  | 3417.2  | 3314.7  | 3199.9  | 3133.7  |
| 35°    | 3845.4  | 3601.4  | 3415.8  | 3221.2  | 3069.3  | 2908.2  | 2787.0  | 2656.3  | 2564.2  | 2465.3  | 2408.2  |
| 37.5°  | 3038.3  | 2844.3  | 2691.4  | 2529.9  | 2405.1  | 2271.6  | 2226.6  | 2076.5  | 1981.2  | 1902.3  | 1847.7  |
| 40°    | 2384.5  | 2230.2  | 2103.7  | 1980.2  | 1878.4  | 1777.1  | 1695.9  | 1615.7  | 1554.2  | 1497.7  | 1458.7  |
| 42.5°  | 1862.1  | 1750.3  | 1658.0  | 1567.4  | 1493.3  | 1419.5  | 1360.6  | 1305.3  | 1263.9  | 1227.0  | 1201.8  |
| 45°    | 1480.3  | 1403.4  | 1339.2  | 1275.5  | 1223.1  | 1173.8  | 1134.2  | 1099.0  | 1072.2  | 1050.1  | 1034.3  |
| 47.5°  | 1216.1  | 1163.4  | 1118.1  | 1075.1  | 1039.6  | 1007.3  | 980.8   | 972.2   | 943.4   | 923.9   | 916.6   |
| 50°    | 1033.5  | 1001.7  | 967.3   | 935.6   | 911.8   | 888.3   | 871.0   | 854.2   | 843.4   | 834.4   | 831.7   |
| 52.5°  | 897.2   | 873.0   | 853.8   | 833.7   | 818.0   | 801.2   | 789.4   | 778.2   | 772.2   | 767.6   | 767.0   |
| 55°    | 795.9   | 778.9   | 766.3   | 752.8   | 743.4   | 733.6   | 727.4   | 721.5   | 718.8   | 716.5   | 716.7   |
| 57.5°  | 719.2   | 707.9   | 699.7   | 690.9   | 685.8   | 681.1   | 679.5   | 678.1   | 678.9   | 679.2   | 680.5   |
| 60°    | 663.4   | 656.1   | 650.9   | 645.8   | 643.7   | 642.2   | 643.4   | 644.7   | 647.4   | 649.6   | 651.5   |
| 62.5°  | 620.6   | 616.4   | 613.8   | 611.2   | 610.9   | 611.1   | 613.3   | 615.6   | 619.0   | 621.5   | 623.5   |
| 65°    | 576.5   | 574.1   | 573.4   | 571.6   | 572.5   | 573.0   | 575.7   | 577.5   | 580.8   | 582.9   | 585.2   |
| 67.5°  | 532.0   | 531.4   | 532.0   | 532.0   | 533.5   | 534.9   | 537.5   | 539.5   | 542.3   | 544.2   | 546.1   |
| 70°    | 499.1   | 499.4   | 500.6   | 500.8   | 502.4   | 503.4   | 505.7   | 507.0   | 509.5   | 511.1   | 513.4   |
| 72.5°  | 467.2   | 466.7   | 467.0   | 466.2   | 466.8   | 466.5   | 467.8   | 468.4   | 470.6   | 471.8   | 474.7   |
| 75°    | 433.1   | 431.7   | 431.3   | 429.7   | 429.8   | 428.8   | 429.3   | 429.2   | 430.6   | 431.2   | 433.3   |
| 77.5°  | 392.0   | 389.6   | 388.4   | 385.8   | 385.7   | 384.8   | 385.8   | 386.4   | 389.0   | 390.3   | 392.6   |
| 80°    | 342.8   | 339.0   | 337.3   | 334.3   | 334.8   | 334.7   | 337.1   | 339.1   | 342.2   | 342.7   | 345.8   |
| 82.5°  | 285.0   | 281.0   | 279.3   | 276.3   | 277.0   | 277.0   | 279.4   | 279.8   | 282.4   | 283.6   | 287.0   |
| 85°    | 204.0   | 205.5   | 201.4   | 201.7   | 200.9   | 202.4   | 204.0   | 206.0   | 208.2   | 212.0   | 214.8   |
| 87.5°  | 120.1   | 119.6   | 121.1   | 121.2   | 123.3   | 124.5   | 127.8   | 129.7   | 133.4   | 136.3   | 141.6   |
| 90°    | 68.9    | 66.3    | 66.7    | 65.3    | 66.7    | 65.4    | 66.7    | 65.2    | 66.8    | 66.5    | 68.9    |
| 92.5°  | 39.3    | 37.0    | 34.3    | 31.8    | 29.3    | 26.9    | 25.5    | 24.6    | 23.2    | 22.2    | 20.9    |
| 95°    | 53.5    | 49.9    | 46.2    | 42.4    | 38.8    | 35.1    | 33.7    | 32.3    | 31.0    | 29.7    | 28.3    |
| 97.5°  | 62.4    | 58.4    | 54.4    | 50.5    | 46.5    | 42.5    | 41.6    | 40.8    | 39.8    | 38.9    | 38.0    |
| 100°   | 90.2    | 82.4    | 74.8    | 67.0    | 59.3    | 51.7    | 51.0    | 50.2    | 49.5    | 48.8    | 48.0    |
| 102.5° | 183.2   | 165.5   | 147.9   | 130.3   | 112.7   | 95.0    | 91.9    | 88.9    | 85.8    | 82.7    | 79.7    |
| 105°   | 337.0   | 308.8   | 280.6   | 252.4   | 224.4   | 196.1   | 187.7   | 179.2   | 170.8   | 162.4   | 154.0   |
| 107.5° | 482.6   | 455.0   | 427.6   | 400.0   | 372.6   | 345.1   | 331.7   | 318.5   | 305.1   | 291.8   | 278.6   |
| 110°   | 555.5   | 539.0   | 522.6   | 505.9   | 489.4   | 473.0   | 460.2   | 447.6   | 434.8   | 422.2   | 409.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 563.5 | 555.3 | 546.9 | 538.6 | 530.4 | 522.1 | 516.0 | 509.7 | 503.6 | 497.3 | 491.1 |
| 115°   | 523.8 | 521.3 | 518.5 | 516.0 | 513.3 | 510.6 | 510.1 | 509.8 | 509.2 | 508.7 | 508.4 |
| 117.5° | 458.1 | 458.6 | 458.9 | 459.4 | 460.0 | 460.4 | 463.6 | 466.9 | 470.2 | 473.6 | 476.9 |
| 120°   | 392.8 | 395.0 | 397.1 | 399.3 | 401.6 | 403.8 | 408.1 | 412.6 | 416.9 | 421.4 | 425.9 |
| 122.5° | 338.3 | 339.8 | 341.1 | 342.8 | 344.3 | 345.8 | 350.1 | 354.4 | 358.8 | 363.2 | 367.7 |
| 125°   | 296.4 | 296.3 | 296.3 | 296.3 | 296.2 | 296.4 | 299.8 | 303.3 | 306.9 | 310.6 | 314.1 |
| 127.5° | 267.8 | 266.6 | 265.6 | 264.5 | 263.4 | 262.5 | 264.4 | 266.6 | 268.6 | 270.7 | 272.9 |
| 130°   | 250.1 | 248.4 | 246.6 | 244.8 | 242.9 | 241.1 | 241.8 | 242.6 | 243.4 | 244.3 | 245.1 |
| 132.5° | 239.6 | 237.6 | 235.5 | 233.3 | 231.2 | 229.2 | 229.1 | 228.9 | 228.8 | 228.8 | 228.8 |
| 135°   | 232.2 | 230.4 | 228.3 | 226.3 | 224.3 | 222.4 | 221.8 | 221.1 | 220.6 | 220.0 | 219.6 |
| 137.5° | 227.1 | 225.5 | 223.9 | 222.4 | 220.6 | 219.1 | 218.2 | 217.5 | 216.7 | 216.1 | 215.4 |
| 140°   | 223.3 | 222.0 | 220.6 | 219.3 | 218.0 | 216.8 | 216.0 | 215.4 | 214.7 | 214.2 | 213.6 |
| 142.5° | 220.0 | 219.1 | 218.2 | 217.2 | 216.2 | 215.3 | 214.5 | 213.9 | 213.4 | 212.8 | 212.3 |
| 145°   | 218.7 | 218.1 | 217.4 | 216.7 | 216.1 | 215.4 | 214.8 | 214.3 | 213.8 | 213.4 | 213.1 |
| 147.5° | 215.9 | 215.6 | 215.1 | 214.7 | 214.2 | 213.7 | 213.4 | 213.2 | 212.7 | 212.5 | 212.1 |
| 150°   | 213.3 | 213.0 | 212.5 | 212.2 | 211.7 | 211.3 | 211.0 | 210.8 | 210.6 | 210.5 | 210.2 |
| 152.5° | 209.6 | 209.4 | 209.0 | 208.6 | 208.2 | 207.9 | 207.7 | 207.6 | 207.4 | 207.2 | 206.9 |
| 155°   | 207.2 | 206.9 | 206.7 | 206.4 | 206.1 | 205.9 | 205.6 | 205.3 | 205.1 | 204.8 | 204.5 |
| 157.5° | 205.8 | 205.6 | 205.3 | 205.1 | 204.8 | 204.5 | 204.3 | 204.1 | 203.8 | 203.6 | 203.3 |
| 160°   | 205.1 | 204.9 | 204.6 | 204.4 | 204.1 | 203.9 | 203.5 | 203.2 | 202.8 | 202.5 | 202.3 |
| 162.5° | 205.4 | 205.2 | 204.9 | 204.6 | 204.2 | 203.9 | 203.6 | 203.4 | 203.1 | 202.9 | 202.6 |
| 165°   | 205.8 | 205.6 | 205.4 | 205.1 | 204.9 | 204.7 | 204.3 | 204.0 | 203.6 | 203.4 | 203.0 |
| 167.5° | 207.3 | 207.2 | 206.9 | 206.7 | 206.4 | 206.2 | 205.9 | 205.6 | 205.3 | 204.9 | 204.6 |
| 170°   | 208.1 | 207.9 | 207.7 | 207.4 | 207.1 | 206.8 | 206.5 | 206.2 | 205.8 | 205.6 | 205.3 |
| 172.5° | 209.7 | 209.6 | 209.3 | 209.1 | 208.8 | 208.6 | 208.3 | 208.1 | 207.9 | 207.6 | 207.5 |
| 175°   | 209.6 | 209.6 | 209.5 | 209.3 | 209.3 | 209.2 | 209.1 | 209.0 | 208.9 | 208.8 | 208.6 |
| 177.5° | 210.3 | 210.3 | 210.3 | 210.2 | 210.1 | 210.1 | 209.9 | 209.8 | 209.7 | 209.5 | 209.4 |
| 180°   | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°   | 85°     | 87.5°   | 90°     | 92.5°   | 95°     | 97.5°   | 100°    | 102.5°  | 105°    | 107.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15600.5 | 15596.6 | 15598.5 | 15591.1 | 15592.9 | 15584.0 | 15583.3 | 15573.3 | 15572.4 | 15562.9 | 15559.4 |
| 5°     | 16128.7 | 16120.1 | 16129.9 | 16114.6 | 16117.6 | 16097.7 | 16096.0 | 16070.4 | 16061.5 | 16029.3 | 16015.5 |
| 7.5°   | 16709.2 | 16706.0 | 16712.0 | 16699.2 | 16698.8 | 16681.1 | 16673.7 | 16650.7 | 16636.5 | 16602.7 | 16581.2 |
| 10°    | 16836.4 | 16839.4 | 16834.6 | 16835.8 | 16828.9 | 16826.9 | 16819.8 | 16815.3 | 16803.7 | 16795.0 | 16782.1 |
| 12.5°  | 16308.4 | 16311.5 | 16291.4 | 16304.2 | 16294.0 | 16317.6 | 16315.7 | 16343.4 | 16347.8 | 16382.8 | 16396.2 |
| 15°    | 15087.8 | 15084.1 | 15045.4 | 15069.7 | 15056.7 | 15108.4 | 15120.0 | 15189.6 | 15226.8 | 15316.1 | 15371.0 |
| 17.5°  | 13244.1 | 13234.1 | 13179.7 | 13209.4 | 13194.3 | 13270.5 | 13296.1 | 13407.3 | 13476.8 | 13620.7 | 13723.3 |
| 20°    | 11046.2 | 11027.2 | 10963.4 | 10998.2 | 10982.7 | 11069.2 | 11105.7 | 11240.2 | 11329.8 | 11520.4 | 11656.0 |
| 22.5°  | 8821.1  | 8790.9  | 8728.5  | 8760.9  | 8746.3  | 8836.0  | 8883.5  | 9018.5  | 9121.0  | 9316.7  | 9475.1  |
| 25°    | 6822.9  | 6796.0  | 6735.7  | 6758.5  | 6753.0  | 6828.9  | 6871.1  | 6998.7  | 7099.5  | 7286.0  | 7437.0  |
| 27.5°  | 5204.0  | 5176.0  | 5121.5  | 5137.6  | 5132.1  | 5196.7  | 5236.6  | 5343.2  | 5429.9  | 5586.9  | 5719.6  |
| 30°    | 3982.8  | 3949.2  | 3903.0  | 3911.8  | 3908.1  | 3960.4  | 3997.7  | 4087.5  | 4161.8  | 4294.4  | 4408.8  |
| 32.5°  | 3052.8  | 3019.0  | 2976.6  | 2980.7  | 2975.1  | 3016.3  | 3046.9  | 3125.0  | 3189.8  | 3302.5  | 3402.0  |
| 35°    | 2335.9  | 2375.4  | 2284.8  | 2342.2  | 2282.4  | 2370.1  | 2338.6  | 2387.4  | 2443.1  | 2538.1  | 2621.1  |
| 37.5°  | 1795.7  | 1768.1  | 1744.8  | 1742.4  | 1742.3  | 1762.5  | 1786.6  | 1833.5  | 1882.6  | 1953.5  | 2026.5  |
| 40°    | 1423.0  | 1403.7  | 1388.5  | 1387.5  | 1388.5  | 1403.0  | 1420.8  | 1453.3  | 1489.2  | 1540.0  | 1593.7  |
| 42.5°  | 1180.2  | 1167.4  | 1158.3  | 1157.7  | 1160.6  | 1170.8  | 1183.2  | 1202.4  | 1225.8  | 1258.8  | 1295.6  |
| 45°    | 1021.6  | 1014.4  | 1009.3  | 1009.0  | 1010.4  | 1015.7  | 1022.7  | 1034.8  | 1049.7  | 1070.2  | 1093.5  |
| 47.5°  | 910.2   | 908.4   | 905.3   | 905.4   | 903.9   | 906.1   | 906.9   | 913.6   | 921.6   | 937.0   | 967.5   |
| 50°    | 829.0   | 829.0   | 826.9   | 826.7   | 824.6   | 824.5   | 822.9   | 825.5   | 829.1   | 838.8   | 848.5   |
| 52.5°  | 764.9   | 764.7   | 762.3   | 761.9   | 759.7   | 759.6   | 758.1   | 759.1   | 759.6   | 764.5   | 770.3   |
| 55°    | 714.8   | 713.3   | 710.2   | 709.2   | 708.4   | 709.6   | 709.1   | 709.1   | 708.5   | 710.5   | 712.3   |
| 57.5°  | 678.9   | 676.9   | 673.9   | 673.2   | 672.9   | 674.4   | 674.4   | 673.9   | 671.2   | 669.4   | 666.8   |
| 60°    | 650.5   | 648.5   | 645.3   | 644.5   | 645.0   | 647.0   | 646.9   | 645.2   | 641.1   | 637.6   | 633.6   |
| 62.5°  | 622.5   | 621.7   | 620.1   | 619.8   | 619.4   | 619.8   | 618.3   | 616.5   | 612.5   | 608.8   | 604.4   |
| 65°    | 585.0   | 585.4   | 584.2   | 584.4   | 582.9   | 582.7   | 580.5   | 578.8   | 574.7   | 571.3   | 566.8   |
| 67.5°  | 546.0   | 546.3   | 545.4   | 545.4   | 544.7   | 544.8   | 543.4   | 541.7   | 538.4   | 535.5   | 532.1   |
| 70°    | 514.0   | 514.8   | 514.2   | 514.4   | 513.4   | 513.1   | 511.1   | 509.4   | 506.0   | 503.6   | 500.5   |
| 72.5°  | 475.5   | 477.3   | 477.2   | 477.7   | 476.3   | 475.5   | 473.1   | 471.1   | 468.0   | 466.1   | 463.5   |
| 75°    | 434.1   | 436.3   | 437.0   | 438.0   | 436.0   | 435.0   | 432.3   | 430.6   | 428.1   | 427.0   | 425.3   |
| 77.5°  | 393.6   | 396.1   | 398.4   | 400.7   | 397.4   | 394.7   | 391.2   | 388.7   | 385.0   | 383.6   | 380.9   |
| 80°    | 348.1   | 352.5   | 357.7   | 362.2   | 356.5   | 350.7   | 345.1   | 340.9   | 336.0   | 334.1   | 330.8   |
| 82.5°  | 288.9   | 293.3   | 296.4   | 299.2   | 295.2   | 291.0   | 285.5   | 281.9   | 276.6   | 274.6   | 270.9   |
| 85°    | 219.4   | 225.0   | 226.8   | 228.3   | 225.7   | 223.6   | 218.5   | 211.6   | 208.2   | 203.0   | 200.3   |
| 87.5°  | 144.3   | 147.6   | 148.3   | 148.8   | 147.2   | 146.2   | 142.9   | 139.7   | 134.0   | 129.9   | 124.7   |
| 90°    | 68.0    | 69.3    | 67.3    | 67.4    | 66.1    | 67.1    | 64.5    | 64.1    | 60.2    | 59.2    | 55.7    |
| 92.5°  | 19.8    | 18.5    | 17.4    | 16.1    | 17.6    | 18.6    | 19.9    | 20.9    | 22.2    | 23.2    | 24.6    |
| 95°    | 26.9    | 25.6    | 24.3    | 22.9    | 24.0    | 25.0    | 26.1    | 27.2    | 28.3    | 29.4    | 30.5    |
| 97.5°  | 37.1    | 36.1    | 35.3    | 34.4    | 35.0    | 35.7    | 36.2    | 36.9    | 37.5    | 38.2    | 38.8    |
| 100°   | 47.3    | 46.7    | 45.9    | 45.2    | 45.2    | 45.2    | 45.2    | 45.2    | 45.2    | 45.2    | 45.2    |
| 102.5° | 76.6    | 73.5    | 70.4    | 67.4    | 69.4    | 71.5    | 73.6    | 75.6    | 77.8    | 79.9    | 82.0    |
| 105°   | 145.6   | 137.2   | 128.8   | 120.4   | 128.6   | 136.6   | 144.8   | 152.9   | 161.0   | 169.2   | 177.4   |
| 107.5° | 265.3   | 252.1   | 238.8   | 225.5   | 240.4   | 255.1   | 269.9   | 284.7   | 299.5   | 314.2   | 329.2   |
| 110°   | 396.9   | 384.3   | 371.7   | 359.0   | 374.7   | 390.5   | 406.2   | 421.9   | 437.5   | 453.2   | 469.1   |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°   | 97.5° | 100°  | 102.5° | 105°  | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 112.5° | 485.0 | 478.9 | 472.7 | 466.6 | 476.7 | 486.8 | 496.9 | 507.2 | 517.2  | 527.4 | 537.5  |
| 115°   | 507.9 | 507.5 | 507.2 | 506.9 | 511.7 | 516.5 | 521.2 | 526.1 | 530.9  | 535.7 | 540.6  |
| 117.5° | 480.2 | 483.6 | 487.0 | 490.5 | 492.0 | 493.5 | 495.2 | 496.6 | 498.3  | 499.8 | 501.6  |
| 120°   | 430.4 | 434.9 | 439.5 | 444.1 | 443.5 | 442.8 | 442.2 | 441.6 | 441.1  | 440.7 | 440.3  |
| 122.5° | 372.1 | 376.6 | 381.2 | 385.8 | 384.5 | 383.1 | 381.8 | 380.5 | 379.4  | 378.1 | 377.0  |
| 125°   | 318.1 | 321.7 | 325.6 | 329.4 | 328.0 | 326.6 | 325.4 | 324.2 | 322.9  | 321.7 | 320.7  |
| 127.5° | 275.2 | 277.5 | 279.8 | 282.1 | 281.5 | 280.8 | 280.4 | 279.9 | 279.4  | 279.0 | 278.7  |
| 130°   | 246.1 | 247.0 | 248.1 | 249.2 | 249.4 | 249.6 | 249.8 | 250.1 | 250.6  | 251.0 | 251.4  |
| 132.5° | 229.0 | 229.1 | 229.3 | 229.5 | 230.1 | 230.9 | 231.8 | 232.7 | 233.7  | 234.7 | 235.7  |
| 135°   | 219.3 | 219.0 | 218.8 | 218.6 | 219.6 | 220.6 | 221.8 | 223.0 | 224.4  | 225.7 | 227.2  |
| 137.5° | 214.8 | 214.3 | 213.9 | 213.4 | 214.5 | 215.6 | 216.8 | 218.0 | 219.3  | 220.7 | 222.3  |
| 140°   | 213.2 | 212.8 | 212.5 | 212.0 | 213.1 | 214.1 | 215.3 | 216.5 | 217.9  | 219.1 | 220.6  |
| 142.5° | 211.9 | 211.3 | 211.0 | 210.7 | 211.6 | 212.6 | 213.6 | 214.7 | 216.0  | 217.2 | 218.6  |
| 145°   | 212.7 | 212.3 | 212.1 | 211.8 | 212.5 | 213.3 | 213.9 | 214.7 | 215.7  | 216.5 | 217.6  |
| 147.5° | 211.9 | 211.6 | 211.5 | 211.3 | 211.9 | 212.4 | 213.0 | 213.4 | 214.2  | 214.8 | 215.7  |
| 150°   | 210.2 | 210.0 | 209.9 | 209.9 | 210.2 | 210.4 | 210.9 | 211.2 | 211.7  | 212.1 | 212.8  |
| 152.5° | 206.9 | 206.7 | 206.7 | 206.6 | 206.9 | 207.2 | 207.6 | 207.9 | 208.2  | 208.6 | 209.1  |
| 155°   | 204.4 | 204.2 | 204.1 | 203.9 | 204.0 | 204.1 | 204.3 | 204.3 | 204.5  | 204.6 | 204.9  |
| 157.5° | 203.2 | 203.0 | 202.8 | 202.6 | 202.6 | 202.5 | 202.6 | 202.5 | 202.5  | 202.5 | 202.6  |
| 160°   | 202.1 | 201.7 | 201.5 | 201.2 | 201.3 | 201.2 | 201.3 | 201.2 | 201.4  | 201.5 | 201.5  |
| 162.5° | 202.4 | 202.3 | 202.1 | 201.9 | 201.8 | 201.5 | 201.4 | 201.2 | 201.1  | 201.0 | 200.9  |
| 165°   | 202.6 | 202.3 | 202.1 | 201.7 | 201.7 | 201.6 | 201.6 | 201.5 | 201.5  | 201.4 | 201.4  |
| 167.5° | 204.4 | 204.0 | 203.8 | 203.4 | 203.2 | 202.9 | 202.7 | 202.4 | 202.3  | 202.2 | 202.1  |
| 170°   | 205.1 | 204.8 | 204.6 | 204.3 | 204.2 | 204.0 | 203.9 | 203.8 | 203.7  | 203.6 | 203.6  |
| 172.5° | 207.3 | 207.0 | 206.8 | 206.6 | 206.5 | 206.3 | 206.3 | 206.2 | 206.1  | 206.1 | 206.0  |
| 175°   | 208.6 | 208.5 | 208.4 | 208.3 | 208.1 | 208.0 | 207.9 | 207.9 | 207.8  | 207.6 | 207.5  |
| 177.5° | 209.2 | 209.1 | 209.0 | 208.9 | 208.8 | 208.8 | 208.8 | 208.8 | 208.8  | 208.7 | 208.7  |
| 180°   | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9 | 208.9  | 208.9 | 208.9  |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 112.5°  | 115°    | 117.5°  | 120°    | 122.5°  | 125°    | 127.5°  | 130°    | 132.5°  | 135°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15549.4 | 15545.2 | 15534.4 | 15529.2 | 15519.2 | 15514.2 | 15506.4 | 15501.4 | 15495.1 | 15490.5 | 15488.1 |
| 5°     | 15980.2 | 15960.3 | 15920.5 | 15895.9 | 15852.9 | 15824.5 | 15781.8 | 15750.4 | 15706.3 | 15673.8 | 15632.1 |
| 7.5°   | 16540.7 | 16510.1 | 16459.2 | 16420.5 | 16360.2 | 16314.2 | 16246.7 | 16192.7 | 16118.0 | 16056.0 | 15979.8 |
| 10°    | 16768.9 | 16751.1 | 16728.2 | 16703.3 | 16670.0 | 16637.2 | 16591.1 | 16544.1 | 16481.5 | 16419.1 | 16337.6 |
| 12.5°  | 16431.6 | 16448.4 | 16481.5 | 16496.9 | 16522.1 | 16530.8 | 16542.3 | 16536.9 | 16526.6 | 16501.2 | 16464.3 |
| 15°    | 15476.4 | 15546.3 | 15656.9 | 15733.4 | 15840.6 | 15915.9 | 16015.5 | 16079.6 | 16153.4 | 16197.6 | 16239.4 |
| 17.5°  | 13905.0 | 14040.4 | 14235.6 | 14391.2 | 14600.2 | 14770.1 | 14978.4 | 15141.9 | 15330.8 | 15475.7 | 15629.9 |
| 20°    | 11892.4 | 12081.9 | 12351.4 | 12580.1 | 12883.0 | 13139.7 | 13468.7 | 13744.3 | 14065.8 | 14333.8 | 14623.1 |
| 22.5°  | 9726.3  | 9949.2  | 10257.9 | 10533.9 | 10895.4 | 11218.5 | 11630.7 | 11995.1 | 12429.8 | 12819.0 | 13249.8 |
| 25°    | 7682.8  | 7901.3  | 8215.7  | 8501.4  | 8891.9  | 9247.7  | 9698.0  | 10116.0 | 10620.4 | 11090.7 | 11630.7 |
| 27.5°  | 5930.4  | 6124.5  | 6400.8  | 6658.1  | 7015.6  | 7364.9  | 7821.9  | 8267.7  | 8805.9  | 9311.3  | 9893.2  |
| 30°    | 4579.9  | 4737.3  | 4958.8  | 5165.7  | 5452.8  | 5738.5  | 6145.5  | 6557.8  | 7093.3  | 7617.1  | 8213.7  |
| 32.5°  | 3549.3  | 3683.5  | 3868.4  | 4036.4  | 4257.6  | 4473.0  | 4772.8  | 5102.2  | 5572.0  | 6073.6  | 6650.5  |
| 35°    | 2747.5  | 2862.4  | 3019.7  | 3164.4  | 3346.3  | 3517.3  | 3741.0  | 3976.2  | 4334.7  | 4756.7  | 5272.9  |
| 37.5°  | 2190.5  | 2237.3  | 2349.6  | 2468.2  | 2619.2  | 2759.8  | 2934.8  | 3108.6  | 3365.1  | 3698.1  | 4119.8  |
| 40°    | 1665.8  | 1740.2  | 1831.7  | 1925.0  | 2039.3  | 2152.1  | 2344.0  | 2436.4  | 2605.4  | 2844.4  | 3171.7  |
| 42.5°  | 1344.1  | 1396.4  | 1460.7  | 1525.7  | 1605.3  | 1683.9  | 1781.0  | 1879.9  | 2006.1  | 2168.0  | 2400.8  |
| 45°    | 1124.8  | 1158.9  | 1200.3  | 1243.6  | 1295.9  | 1349.6  | 1414.6  | 1482.5  | 1568.0  | 1667.5  | 1809.0  |
| 47.5°  | 978.3   | 997.1   | 1024.1  | 1053.7  | 1089.6  | 1126.7  | 1169.0  | 1212.2  | 1265.4  | 1324.4  | 1405.0  |
| 50°    | 863.9   | 879.6   | 900.7   | 920.4   | 945.1   | 983.2   | 1000.0  | 1023.8  | 1055.8  | 1090.5  | 1135.5  |
| 52.5°  | 781.1   | 791.6   | 804.8   | 816.2   | 831.8   | 846.0   | 864.7   | 881.2   | 903.3   | 924.1   | 953.2   |
| 55°    | 716.7   | 720.5   | 728.0   | 735.2   | 746.1   | 755.9   | 768.6   | 779.3   | 793.5   | 806.0   | 824.3   |
| 57.5°  | 666.9   | 667.3   | 670.7   | 674.5   | 681.5   | 687.6   | 696.4   | 703.5   | 713.2   | 721.2   | 732.2   |
| 60°    | 631.1   | 629.2   | 629.9   | 631.2   | 635.1   | 639.2   | 644.8   | 649.4   | 655.6   | 660.1   | 666.2   |
| 62.5°  | 601.4   | 598.4   | 597.7   | 597.3   | 599.3   | 600.8   | 603.8   | 606.1   | 609.5   | 611.5   | 614.8   |
| 65°    | 563.7   | 560.2   | 558.8   | 557.2   | 557.8   | 557.3   | 558.5   | 558.5   | 560.4   | 560.8   | 562.6   |
| 67.5°  | 529.6   | 526.7   | 524.9   | 522.8   | 521.8   | 520.2   | 519.5   | 518.1   | 517.8   | 516.5   | 516.2   |
| 70°    | 498.5   | 495.7   | 494.2   | 492.1   | 491.1   | 489.1   | 487.8   | 485.2   | 483.8   | 481.4   | 480.0   |
| 72.5°  | 462.6   | 461.0   | 460.5   | 459.1   | 458.7   | 457.6   | 457.1   | 455.3   | 454.3   | 452.2   | 451.1   |
| 75°    | 424.9   | 423.7   | 423.5   | 422.1   | 422.0   | 420.6   | 420.3   | 418.4   | 417.4   | 415.4   | 414.5   |
| 77.5°  | 380.1   | 378.2   | 377.6   | 376.0   | 376.4   | 375.7   | 376.3   | 374.8   | 374.2   | 372.2   | 371.6   |
| 80°    | 329.7   | 327.1   | 326.1   | 324.0   | 324.5   | 323.6   | 324.5   | 324.4   | 325.2   | 323.6   | 323.3   |
| 82.5°  | 269.9   | 267.1   | 266.6   | 265.1   | 266.1   | 266.2   | 268.4   | 267.2   | 267.7   | 266.2   | 266.8   |
| 85°    | 196.4   | 194.3   | 191.4   | 191.1   | 189.2   | 191.2   | 188.6   | 190.3   | 187.6   | 189.5   | 186.9   |
| 87.5°  | 121.8   | 117.5   | 115.2   | 112.2   | 111.0   | 108.1   | 106.9   | 104.8   | 105.4   | 104.4   | 105.0   |
| 90°    | 55.6    | 52.6    | 52.8    | 50.9    | 51.8    | 50.3    | 51.6    | 50.9    | 52.6    | 51.8    | 53.6    |
| 92.5°  | 25.5    | 26.7    | 28.8    | 31.1    | 33.2    | 35.4    | 37.4    | 39.8    | 41.8    | 44.1    | 46.2    |
| 95°    | 31.5    | 32.6    | 35.5    | 38.4    | 41.3    | 44.1    | 47.1    | 49.9    | 52.7    | 55.7    | 58.5    |
| 97.5°  | 39.5    | 40.1    | 42.9    | 45.9    | 48.7    | 51.7    | 54.5    | 57.6    | 60.4    | 63.4    | 66.2    |
| 100°   | 45.2    | 45.3    | 53.5    | 61.7    | 69.9    | 78.2    | 86.4    | 94.6    | 102.9   | 111.1   | 119.3   |
| 102.5° | 84.1    | 86.1    | 106.9   | 127.7   | 148.5   | 169.2   | 190.0   | 210.8   | 231.6   | 252.4   | 273.3   |
| 105°   | 185.5   | 193.7   | 225.3   | 257.1   | 288.7   | 320.5   | 352.1   | 384.0   | 415.7   | 447.5   | 479.2   |
| 107.5° | 343.9   | 358.8   | 387.5   | 416.1   | 444.8   | 473.5   | 502.2   | 530.8   | 559.6   | 588.3   | 617.1   |
| 110°   | 484.9   | 500.6   | 519.8   | 539.0   | 558.2   | 577.5   | 596.6   | 615.9   | 635.2   | 654.4   | 673.7   |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 112.5° | 115°  | 117.5° | 120°  | 122.5° | 125°  | 127.5° | 130°  | 132.5° | 135°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 547.6 | 557.8  | 569.0 | 580.3  | 591.5 | 602.8  | 614.0 | 625.3  | 636.6 | 647.9  | 659.2 |
| 115°   | 545.6 | 550.5  | 554.7 | 559.2  | 563.5 | 568.0  | 572.5 | 577.0  | 581.5 | 585.9  | 590.4 |
| 117.5° | 503.0 | 504.8  | 505.6 | 506.3  | 507.1 | 507.8  | 508.7 | 509.5  | 510.5 | 511.3  | 512.2 |
| 120°   | 439.7 | 439.3  | 438.6 | 438.0  | 437.3 | 436.7  | 436.2 | 435.6  | 435.1 | 434.6  | 434.1 |
| 122.5° | 375.7 | 374.6  | 374.1 | 373.5  | 372.9 | 372.4  | 371.9 | 371.5  | 370.9 | 370.5  | 370.0 |
| 125°   | 319.5 | 318.5  | 319.2 | 319.9  | 320.7 | 321.6  | 322.3 | 323.3  | 324.2 | 324.9  | 325.8 |
| 127.5° | 278.2 | 278.0  | 279.8 | 281.6  | 283.4 | 285.3  | 287.1 | 289.1  | 290.9 | 292.8  | 294.7 |
| 130°   | 252.0 | 252.5  | 254.7 | 257.2  | 259.3 | 261.8  | 264.1 | 266.7  | 268.8 | 271.3  | 273.6 |
| 132.5° | 236.8 | 238.1  | 240.2 | 242.4  | 244.7 | 247.0  | 249.2 | 251.6  | 253.8 | 256.3  | 258.3 |
| 135°   | 228.7 | 230.2  | 232.2 | 234.3  | 236.3 | 238.6  | 240.6 | 242.8  | 244.8 | 246.9  | 249.0 |
| 137.5° | 223.7 | 225.2  | 226.9 | 228.6  | 230.2 | 232.0  | 233.7 | 235.5  | 237.0 | 238.8  | 240.5 |
| 140°   | 222.0 | 223.6  | 224.5 | 225.6  | 226.7 | 227.7  | 228.7 | 229.8  | 230.7 | 231.8  | 232.8 |
| 142.5° | 219.7 | 221.2  | 221.8 | 222.6  | 223.2 | 224.1  | 224.7 | 225.5  | 226.0 | 226.7  | 227.4 |
| 145°   | 218.6 | 219.6  | 219.7 | 219.9  | 220.2 | 220.4  | 220.5 | 220.7  | 220.8 | 221.0  | 221.1 |
| 147.5° | 216.4 | 217.3  | 217.2 | 217.2  | 217.3 | 217.3  | 217.3 | 217.2  | 217.2 | 217.2  | 217.1 |
| 150°   | 213.2 | 213.7  | 213.4 | 213.4  | 213.2 | 213.1  | 212.9 | 212.7  | 212.4 | 212.4  | 212.1 |
| 152.5° | 209.5 | 210.0  | 209.6 | 209.6  | 209.2 | 208.9  | 208.7 | 208.5  | 208.1 | 207.9  | 207.8 |
| 155°   | 205.0 | 205.3  | 205.1 | 205.0  | 204.8 | 204.6  | 204.5 | 204.5  | 204.4 | 204.2  | 204.1 |
| 157.5° | 202.6 | 202.6  | 202.5 | 202.4  | 202.3 | 202.3  | 202.3 | 202.3  | 202.3 | 202.3  | 202.3 |
| 160°   | 201.5 | 201.7  | 201.5 | 201.4  | 201.3 | 201.2  | 201.2 | 201.2  | 201.2 | 201.3  | 201.3 |
| 162.5° | 200.7 | 200.7  | 200.5 | 200.4  | 200.3 | 200.3  | 200.3 | 200.4  | 200.4 | 200.4  | 200.5 |
| 165°   | 201.5 | 201.6  | 201.3 | 201.2  | 201.0 | 200.8  | 200.8 | 200.7  | 200.7 | 200.7  | 200.6 |
| 167.5° | 201.9 | 201.8  | 201.8 | 201.9  | 201.9 | 202.0  | 202.0 | 202.3  | 202.3 | 202.4  | 202.5 |
| 170°   | 203.6 | 203.6  | 203.5 | 203.4  | 203.3 | 203.3  | 203.3 | 203.2  | 203.2 | 203.2  | 203.2 |
| 172.5° | 206.0 | 206.0  | 205.8 | 205.6  | 205.4 | 205.3  | 205.2 | 205.1  | 204.9 | 204.8  | 204.6 |
| 175°   | 207.4 | 207.3  | 207.2 | 207.1  | 207.0 | 206.8  | 206.8 | 206.6  | 206.5 | 206.4  | 206.3 |
| 177.5° | 208.6 | 208.5  | 208.4 | 208.4  | 208.4 | 208.3  | 208.3 | 208.3  | 208.3 | 208.3  | 208.2 |
| 180°   | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 137.5°  | 140°    | 142.5°  | 145°    | 147.5°  | 150°    | 152.5°  | 155°    | 157.5°  | 160°    | 162.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15484.9 | 15484.7 | 15483.3 | 15484.0 | 15484.2 | 15485.3 | 15486.7 | 15488.1 | 15488.4 | 15489.5 | 15489.6 |
| 5°     | 15600.8 | 15562.5 | 15534.2 | 15503.0 | 15479.6 | 15458.5 | 15444.5 | 15433.3 | 15428.9 | 15430.0 | 15432.7 |
| 7.5°   | 15915.1 | 15836.0 | 15770.8 | 15696.5 | 15634.7 | 15569.2 | 15514.9 | 15463.3 | 15425.7 | 15397.6 | 15382.0 |
| 10°    | 16260.0 | 16163.6 | 16071.5 | 15964.1 | 15862.2 | 15753.6 | 15655.2 | 15556.0 | 15473.3 | 15401.6 | 15348.9 |
| 12.5°  | 16412.9 | 16344.8 | 16265.3 | 16163.9 | 16054.9 | 15929.5 | 15802.9 | 15667.1 | 15540.9 | 15423.6 | 15329.1 |
| 15°    | 16250.9 | 16251.0 | 16222.0 | 16173.4 | 16097.7 | 15997.5 | 15876.9 | 15735.3 | 15586.4 | 15434.3 | 15295.5 |
| 17.5°  | 15736.6 | 15833.6 | 15887.6 | 15921.8 | 15911.2 | 15874.4 | 15797.6 | 15688.9 | 15550.1 | 15388.2 | 15218.7 |
| 20°    | 14853.3 | 15082.2 | 15245.5 | 15392.2 | 15474.4 | 15529.0 | 15523.6 | 15479.3 | 15380.5 | 15242.8 | 15066.4 |
| 22.5°  | 13616.0 | 14000.2 | 14303.3 | 14586.0 | 14784.3 | 14945.6 | 15022.2 | 15054.8 | 15010.0 | 14914.0 | 14748.3 |
| 25°    | 12113.3 | 12635.6 | 13081.4 | 13514.0 | 13838.4 | 14117.3 | 14285.0 | 14403.1 | 14412.4 | 14362.3 | 14214.5 |
| 27.5°  | 10443.4 | 11060.0 | 11624.1 | 12199.0 | 12655.4 | 13056.3 | 13319.3 | 13511.9 | 13573.0 | 13565.0 | 13430.7 |
| 30°    | 8775.7  | 9422.9  | 10044.8 | 10715.2 | 11279.9 | 11792.1 | 12139.6 | 12400.0 | 12500.3 | 12519.5 | 12390.4 |
| 32.5°  | 7200.7  | 7838.9  | 8459.1  | 9159.9  | 9781.3  | 10368.3 | 10778.9 | 11088.2 | 11204.9 | 11232.4 | 11090.7 |
| 35°    | 5771.2  | 6360.1  | 6949.4  | 7628.7  | 8246.5  | 8854.4  | 9287.0  | 9610.8  | 9719.7  | 9738.1  | 9574.2  |
| 37.5°  | 4531.6  | 5033.4  | 5546.9  | 6156.3  | 6723.8  | 7294.6  | 7705.7  | 8010.0  | 8089.4  | 8084.4  | 7898.9  |
| 40°    | 3488.0  | 3878.0  | 4290.6  | 4792.3  | 5264.1  | 5746.7  | 6093.8  | 6345.3  | 6387.1  | 6356.1  | 6161.2  |
| 42.5°  | 2622.8  | 2904.4  | 3203.6  | 3578.1  | 3928.1  | 4289.3  | 4541.9  | 4728.6  | 4734.6  | 4685.8  | 4510.7  |
| 45°    | 1953.9  | 2228.8  | 2354.2  | 2580.7  | 2806.2  | 3046.3  | 3200.5  | 3315.9  | 3298.0  | 3255.1  | 3122.1  |
| 47.5°  | 1489.5  | 1595.2  | 1707.2  | 1847.7  | 1978.9  | 2251.5  | 2231.2  | 2416.6  | 2283.1  | 2374.1  | 2173.8  |
| 50°    | 1182.9  | 1241.9  | 1302.2  | 1376.8  | 1445.3  | 1516.6  | 1561.1  | 1594.3  | 1590.0  | 1575.8  | 1537.4  |
| 52.5°  | 1006.3  | 1024.6  | 1054.3  | 1096.7  | 1135.0  | 1173.5  | 1198.9  | 1219.5  | 1219.9  | 1214.1  | 1194.7  |
| 55°    | 841.0   | 864.2   | 885.6   | 913.3   | 960.5   | 967.7   | 1004.1  | 996.7   | 999.6   | 989.4   | 999.8   |
| 57.5°  | 741.5   | 755.0   | 767.1   | 783.6   | 797.2   | 813.1   | 822.5   | 831.5   | 830.6   | 828.7   | 818.8   |
| 60°    | 671.1   | 678.5   | 685.1   | 694.8   | 702.2   | 711.3   | 715.6   | 720.2   | 718.6   | 715.3   | 706.6   |
| 62.5°  | 616.7   | 621.4   | 625.1   | 631.4   | 635.9   | 641.5   | 643.8   | 645.7   | 643.8   | 640.5   | 632.8   |
| 65°    | 563.0   | 566.1   | 568.4   | 573.2   | 576.4   | 581.1   | 583.1   | 584.8   | 583.1   | 580.6   | 574.7   |
| 67.5°  | 514.7   | 515.0   | 514.7   | 516.7   | 517.7   | 520.5   | 521.4   | 522.7   | 520.6   | 518.4   | 513.4   |
| 70°    | 478.0   | 477.2   | 476.3   | 477.1   | 477.2   | 478.7   | 478.9   | 478.7   | 476.1   | 472.5   | 467.0   |
| 72.5°  | 449.3   | 448.9   | 448.2   | 448.8   | 448.8   | 450.1   | 449.7   | 449.1   | 446.1   | 442.4   | 437.0   |
| 75°    | 412.5   | 412.2   | 410.8   | 410.8   | 409.7   | 410.1   | 408.6   | 407.7   | 404.3   | 401.4   | 396.4   |
| 77.5°  | 369.3   | 368.6   | 366.6   | 365.8   | 363.6   | 362.8   | 359.9   | 358.5   | 355.1   | 352.6   | 348.5   |
| 80°    | 321.1   | 320.4   | 317.8   | 316.4   | 313.0   | 310.7   | 306.6   | 304.2   | 300.3   | 297.9   | 293.9   |
| 82.5°  | 265.4   | 265.7   | 263.2   | 261.4   | 256.4   | 252.6   | 247.0   | 244.1   | 239.7   | 237.4   | 233.3   |
| 85°    | 188.8   | 186.0   | 187.5   | 187.4   | 184.3   | 181.0   | 176.5   | 173.4   | 169.6   | 167.5   | 164.5   |
| 87.5°  | 103.5   | 104.2   | 103.4   | 102.8   | 100.6   | 98.9    | 95.5    | 93.6    | 90.9    | 89.6    | 87.3    |
| 90°    | 49.7    | 48.5    | 44.8    | 43.6    | 40.0    | 37.9    | 33.8    | 32.1    | 28.3    | 27.5    | 25.0    |
| 92.5°  | 43.7    | 41.3    | 39.0    | 36.4    | 34.1    | 31.6    | 29.3    | 26.8    | 24.4    | 23.5    | 22.8    |
| 95°    | 55.0    | 51.6    | 48.1    | 44.6    | 41.1    | 37.5    | 34.2    | 30.6    | 27.1    | 26.4    | 25.6    |
| 97.5°  | 62.2    | 58.1    | 53.8    | 49.7    | 45.6    | 41.5    | 37.3    | 33.2    | 29.1    | 28.6    | 28.2    |
| 100°   | 109.8   | 100.3   | 90.8    | 81.2    | 71.7    | 62.2    | 52.7    | 43.0    | 33.6    | 33.0    | 32.5    |
| 102.5° | 250.1   | 226.9   | 203.8   | 180.6   | 157.6   | 134.4   | 111.3   | 88.1    | 65.0    | 61.7    | 58.3    |
| 105°   | 444.2   | 409.0   | 374.1   | 339.2   | 304.0   | 269.0   | 234.1   | 198.9   | 163.9   | 152.6   | 141.3   |
| 107.5° | 584.2   | 551.2   | 518.3   | 485.3   | 452.4   | 419.6   | 386.5   | 353.6   | 320.6   | 300.9   | 281.1   |
| 110°   | 647.6   | 621.6   | 595.5   | 569.3   | 543.3   | 517.2   | 490.9   | 464.8   | 438.8   | 421.6   | 404.7   |



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**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 640.1  | 621.0 | 601.9  | 582.8 | 563.7  | 544.6 | 525.4  | 506.3 | 487.1  | 476.7 | 466.4  |
| 115°   | 579.1  | 567.6 | 556.1  | 544.6 | 533.1  | 521.5 | 510.1  | 498.4 | 486.9  | 481.5 | 476.0  |
| 117.5° | 506.5  | 500.6 | 494.8  | 488.9 | 483.1  | 477.1 | 471.3  | 465.4 | 459.5  | 457.6 | 455.8  |
| 120°   | 432.5  | 430.8 | 429.1  | 427.3 | 425.5  | 423.8 | 422.0  | 420.2 | 418.4  | 418.6 | 418.9  |
| 122.5° | 370.9  | 371.6 | 372.4  | 373.1 | 373.9  | 374.5 | 375.4  | 375.9 | 376.7  | 378.2 | 379.7  |
| 125°   | 327.7  | 329.5 | 331.2  | 333.0 | 334.8  | 336.5 | 338.3  | 339.9 | 341.7  | 343.2 | 344.9  |
| 127.5° | 296.8  | 298.7 | 300.8  | 302.7 | 304.7  | 306.7 | 308.7  | 310.6 | 312.6  | 313.9 | 315.5  |
| 130°   | 275.4  | 277.1 | 278.9  | 280.5 | 282.4  | 284.1 | 285.7  | 287.5 | 289.2  | 290.4 | 291.5  |
| 132.5° | 260.0  | 261.6 | 263.2  | 264.6 | 266.3  | 267.8 | 269.4  | 270.9 | 272.6  | 273.5 | 274.4  |
| 135°   | 250.2  | 251.4 | 252.6  | 253.7 | 255.1  | 256.2 | 257.4  | 258.6 | 259.9  | 260.6 | 261.2  |
| 137.5° | 241.5  | 242.4 | 243.5  | 244.4 | 245.5  | 246.4 | 247.5  | 248.5 | 249.7  | 250.0 | 250.5  |
| 140°   | 233.8  | 234.9 | 235.8  | 236.9 | 238.0  | 239.0 | 240.2  | 241.3 | 242.5  | 242.8 | 243.3  |
| 142.5° | 228.3  | 229.0 | 229.9  | 230.5 | 231.5  | 232.3 | 233.3  | 234.2 | 235.2  | 235.6 | 235.9  |
| 145°   | 222.0  | 223.0 | 224.0  | 224.9 | 225.8  | 226.9 | 228.0  | 229.2 | 230.2  | 230.5 | 230.8  |
| 147.5° | 217.9  | 218.7 | 219.5  | 220.4 | 221.2  | 222.1 | 223.1  | 224.1 | 225.1  | 225.3 | 225.6  |
| 150°   | 213.0  | 213.8 | 214.6  | 215.5 | 216.5  | 217.5 | 218.5  | 219.6 | 220.7  | 221.1 | 221.5  |
| 152.5° | 208.6  | 209.6 | 210.5  | 211.5 | 212.6  | 213.5 | 214.7  | 215.9 | 217.0  | 217.3 | 217.8  |
| 155°   | 205.1  | 206.0 | 207.0  | 208.0 | 209.0  | 210.1 | 211.2  | 212.3 | 213.4  | 213.8 | 214.2  |
| 157.5° | 203.1  | 203.9 | 204.8  | 205.8 | 206.7  | 207.7 | 208.6  | 209.6 | 210.6  | 211.0 | 211.3  |
| 160°   | 202.2  | 202.8 | 203.7  | 204.4 | 205.3  | 206.1 | 207.1  | 207.9 | 208.7  | 209.1 | 209.4  |
| 162.5° | 201.3  | 202.1 | 202.9  | 203.5 | 204.5  | 205.3 | 206.2  | 207.0 | 207.9  | 208.1 | 208.5  |
| 165°   | 201.3  | 201.8 | 202.4  | 203.0 | 203.6  | 204.2 | 204.9  | 205.4 | 206.2  | 206.5 | 206.9  |
| 167.5° | 203.1  | 203.5 | 203.9  | 204.4 | 205.0  | 205.4 | 205.9  | 206.4 | 207.0  | 207.3 | 207.7  |
| 170°   | 203.7  | 204.1 | 204.4  | 204.9 | 205.4  | 205.8 | 206.2  | 206.6 | 207.2  | 207.5 | 207.8  |
| 172.5° | 204.9  | 205.1 | 205.5  | 205.7 | 205.9  | 206.2 | 206.6  | 206.9 | 207.2  | 207.6 | 207.9  |
| 175°   | 206.5  | 206.6 | 206.8  | 206.9 | 206.9  | 207.1 | 207.3  | 207.5 | 207.7  | 207.9 | 208.1  |
| 177.5° | 208.3  | 208.4 | 208.5  | 208.6 | 208.8  | 208.9 | 209.0  | 209.1 | 209.3  | 209.6 | 209.8  |
| 180°   | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 167.5°  | 170°    | 172.5°  | 175°    | 177.5°  | 180°    | 182.5°  | 185°    | 187.5°  | 190°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15489.2 | 15489.0 | 15488.5 | 15487.8 | 15487.1 | 15487.5 | 15488.2 | 15489.9 | 15493.1 | 15497.6 | 15503.4 |
| 5°     | 15434.8 | 15438.0 | 15439.7 | 15439.9 | 15438.4 | 15437.4 | 15438.9 | 15443.2 | 15451.7 | 15466.1 | 15485.6 |
| 7.5°   | 15377.8 | 15381.7 | 15387.7 | 15392.2 | 15393.0 | 15391.9 | 15392.2 | 15398.9 | 15414.7 | 15442.7 | 15482.1 |
| 10°    | 15316.9 | 15305.3 | 15311.5 | 15322.6 | 15331.5 | 15333.1 | 15334.2 | 15342.0 | 15365.2 | 15407.6 | 15470.8 |
| 12.5°  | 15260.7 | 15224.0 | 15217.0 | 15227.1 | 15240.5 | 15244.9 | 15243.6 | 15247.0 | 15274.1 | 15330.2 | 15418.3 |
| 15°    | 15186.7 | 15117.8 | 15094.2 | 15096.8 | 15113.4 | 15119.4 | 15115.1 | 15108.4 | 15134.8 | 15203.3 | 15317.3 |
| 17.5°  | 15067.1 | 14955.9 | 14912.6 | 14910.7 | 14930.1 | 14935.3 | 14924.6 | 14903.9 | 14929.9 | 15015.4 | 15156.9 |
| 20°    | 14885.1 | 14721.0 | 14639.5 | 14626.5 | 14647.6 | 14641.5 | 14620.1 | 14588.8 | 14623.0 | 14726.9 | 14895.2 |
| 22.5°  | 14558.0 | 14350.1 | 14210.7 | 14165.8 | 14191.1 | 14174.3 | 14143.0 | 14103.1 | 14148.5 | 14266.6 | 14454.0 |
| 25°    | 14023.5 | 13783.2 | 13592.6 | 13485.5 | 13505.6 | 13475.4 | 13441.5 | 13393.0 | 13447.2 | 13582.8 | 13789.0 |
| 27.5°  | 13237.9 | 12960.4 | 12724.0 | 12546.8 | 12553.4 | 12513.7 | 12474.7 | 12411.9 | 12479.6 | 12640.0 | 12872.7 |
| 30°    | 12193.2 | 11872.1 | 11584.3 | 11343.5 | 11321.9 | 11283.5 | 11243.6 | 11161.1 | 11245.8 | 11437.8 | 11709.7 |
| 32.5°  | 10881.3 | 10524.8 | 10192.2 | 9887.8  | 9830.3  | 9792.8  | 9757.2  | 9662.4  | 9773.3  | 9997.1  | 10309.6 |
| 35°    | 9347.1  | 8967.3  | 8606.7  | 8259.0  | 8163.9  | 8126.4  | 8095.3  | 8004.4  | 8142.7  | 8386.4  | 8723.8  |
| 37.5°  | 7663.0  | 7275.0  | 6917.0  | 6560.5  | 6426.1  | 6375.3  | 6352.6  | 6293.1  | 6452.7  | 6693.6  | 7032.4  |
| 40°    | 5934.1  | 5573.4  | 5252.4  | 4937.6  | 4784.3  | 4706.5  | 4694.6  | 4683.8  | 4838.1  | 5047.1  | 5354.7  |
| 42.5°  | 4316.9  | 4025.9  | 3778.3  | 3537.7  | 3398.8  | 3292.5  | 3292.5  | 3324.7  | 3463.6  | 3620.3  | 3857.4  |
| 45°    | 2986.1  | 2790.8  | 2633.1  | 2472.3  | 2515.3  | 2303.4  | 2427.9  | 2364.0  | 2432.7  | 2533.7  | 2687.8  |
| 47.5°  | 2052.7  | 1946.1  | 1859.5  | 1769.6  | 1704.1  | 1641.6  | 1647.0  | 1687.4  | 1752.0  | 1811.9  | 1892.2  |
| 50°    | 1496.0  | 1441.8  | 1397.6  | 1350.9  | 1318.4  | 1290.8  | 1292.4  | 1309.9  | 1343.9  | 1375.4  | 1417.3  |
| 52.5°  | 1172.3  | 1142.3  | 1118.3  | 1092.5  | 1075.4  | 1061.7  | 1062.4  | 1071.0  | 1089.3  | 1107.3  | 1131.4  |
| 55°    | 966.3   | 962.6   | 931.4   | 908.3   | 899.5   | 890.2   | 891.9   | 895.2   | 907.7   | 918.3   | 934.2   |
| 57.5°  | 809.7   | 795.6   | 786.3   | 774.1   | 768.5   | 762.1   | 763.5   | 764.8   | 773.2   | 780.2   | 791.7   |
| 60°    | 699.2   | 689.3   | 682.6   | 674.3   | 670.6   | 666.6   | 667.5   | 668.2   | 673.5   | 678.2   | 686.4   |
| 62.5°  | 625.7   | 616.9   | 611.1   | 604.7   | 602.1   | 599.4   | 600.0   | 600.2   | 603.5   | 606.9   | 613.1   |
| 65°    | 569.4   | 562.4   | 557.5   | 552.0   | 549.4   | 546.4   | 546.7   | 546.7   | 549.6   | 552.0   | 556.8   |
| 67.5°  | 509.8   | 504.5   | 501.5   | 497.0   | 495.2   | 492.3   | 492.2   | 491.3   | 493.1   | 494.1   | 497.3   |
| 70°    | 462.1   | 456.7   | 452.7   | 448.5   | 446.2   | 443.6   | 443.7   | 443.7   | 445.9   | 448.1   | 452.1   |
| 72.5°  | 432.5   | 427.4   | 423.9   | 420.1   | 418.0   | 415.8   | 415.4   | 415.1   | 416.7   | 418.0   | 420.6   |
| 75°    | 393.4   | 389.3   | 387.2   | 383.8   | 382.0   | 379.6   | 379.2   | 378.0   | 378.8   | 379.0   | 381.0   |
| 77.5°  | 346.0   | 342.0   | 340.4   | 336.9   | 335.4   | 332.6   | 332.4   | 331.1   | 331.7   | 331.3   | 332.9   |
| 80°    | 291.8   | 288.3   | 287.4   | 284.6   | 283.9   | 281.2   | 280.8   | 279.3   | 279.8   | 278.6   | 279.1   |
| 82.5°  | 231.5   | 228.3   | 227.6   | 224.9   | 224.9   | 222.6   | 222.4   | 220.0   | 220.0   | 218.1   | 214.8   |
| 85°    | 163.1   | 160.7   | 159.7   | 157.6   | 156.9   | 155.0   | 154.0   | 151.8   | 151.0   | 149.5   | 149.0   |
| 87.5°  | 86.0    | 84.6    | 83.2    | 82.2    | 80.3    | 76.9    | 76.6    | 74.3    | 74.5    | 72.8    | 72.9    |
| 90°    | 24.5    | 22.2    | 21.7    | 19.6    | 19.0    | 17.4    | 16.9    | 17.1    | 17.7    | 17.9    | 18.6    |
| 92.5°  | 21.9    | 21.1    | 20.3    | 19.5    | 18.7    | 17.9    | 17.1    | 17.9    | 18.7    | 19.5    | 20.3    |
| 95°    | 24.9    | 24.3    | 23.5    | 22.8    | 22.1    | 21.3    | 20.6    | 21.3    | 22.1    | 22.8    | 23.5    |
| 97.5°  | 27.7    | 27.2    | 26.8    | 26.3    | 25.8    | 25.4    | 24.9    | 25.5    | 25.9    | 26.4    | 26.9    |
| 100°   | 31.9    | 31.4    | 30.8    | 30.4    | 29.8    | 29.3    | 28.7    | 29.4    | 29.9    | 30.5    | 30.9    |
| 102.5° | 55.0    | 51.7    | 48.3    | 45.0    | 41.6    | 38.3    | 35.0    | 38.3    | 41.6    | 45.1    | 48.4    |
| 105°   | 130.2   | 119.0   | 107.7   | 96.4    | 85.2    | 73.9    | 62.6    | 73.9    | 85.2    | 96.4    | 107.8   |
| 107.5° | 261.3   | 241.5   | 221.7   | 201.9   | 182.0   | 162.2   | 142.3   | 162.3   | 182.1   | 202.0   | 221.8   |
| 110°   | 387.5   | 370.5   | 353.3   | 336.3   | 319.1   | 302.1   | 284.9   | 302.1   | 319.2   | 336.4   | 353.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 167.5° | 170°  | 172.5° | 175°  | 177.5° | 180°  | 182.5° | 185°  | 187.5° | 190°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 456.0 | 445.7  | 435.2 | 424.9  | 414.4 | 404.1  | 393.6 | 404.2  | 414.6 | 425.2  | 435.5 |
| 115°   | 470.6 | 465.1  | 459.8 | 454.3  | 448.8 | 443.3  | 437.7 | 443.5  | 449.1 | 454.7  | 460.3 |
| 117.5° | 453.9 | 452.0  | 450.1 | 448.2  | 446.2 | 444.4  | 442.3 | 444.5  | 446.5 | 448.7  | 450.7 |
| 120°   | 419.1 | 419.4  | 419.7 | 419.9  | 420.1 | 420.3  | 420.4 | 420.5  | 420.5 | 420.5  | 420.4 |
| 122.5° | 381.2 | 382.7  | 384.1 | 385.5  | 387.0 | 388.4  | 389.7 | 388.6  | 387.4 | 386.3  | 385.1 |
| 125°   | 346.4 | 347.9  | 349.4 | 351.0  | 352.3 | 353.9  | 355.1 | 354.2  | 353.0 | 351.9  | 350.5 |
| 127.5° | 316.9 | 318.3  | 319.7 | 321.1  | 322.4 | 323.6  | 324.7 | 324.0  | 323.0 | 322.0  | 320.9 |
| 130°   | 292.5 | 293.8  | 294.7 | 295.9  | 296.7 | 297.7  | 298.5 | 298.0  | 297.3 | 296.9  | 296.1 |
| 132.5° | 275.1 | 276.1  | 276.9 | 277.8  | 278.5 | 279.2  | 279.7 | 279.5  | 279.2 | 278.9  | 278.3 |
| 135°   | 261.9 | 262.6  | 263.0 | 263.6  | 264.1 | 264.5  | 264.8 | 264.9  | 264.8 | 264.7  | 264.4 |
| 137.5° | 250.8 | 251.3  | 251.7 | 251.9  | 252.1 | 252.2  | 252.2 | 252.6  | 252.8 | 253.1  | 253.1 |
| 140°   | 243.7 | 244.1  | 244.5 | 244.7  | 245.1 | 245.3  | 245.3 | 245.7  | 245.9 | 246.0  | 246.0 |
| 142.5° | 236.4 | 236.8  | 237.1 | 237.4  | 237.7 | 237.9  | 237.9 | 238.3  | 238.5 | 238.6  | 238.7 |
| 145°   | 231.1 | 231.4  | 231.6 | 231.8  | 232.0 | 232.0  | 231.9 | 232.4  | 232.7 | 232.9  | 233.2 |
| 147.5° | 225.9 | 226.1  | 226.4 | 226.5  | 226.6 | 226.7  | 226.7 | 227.1  | 227.3 | 227.6  | 227.9 |
| 150°   | 221.9 | 222.3  | 222.7 | 223.0  | 223.2 | 223.4  | 223.5 | 223.8  | 224.0 | 224.1  | 224.2 |
| 152.5° | 218.1 | 218.4  | 218.8 | 219.0  | 219.2 | 219.3  | 219.4 | 219.7  | 220.0 | 220.2  | 220.3 |
| 155°   | 214.6 | 215.0  | 215.3 | 215.7  | 215.9 | 216.2  | 216.4 | 216.7  | 216.8 | 217.0  | 217.1 |
| 157.5° | 211.7 | 212.1  | 212.4 | 212.7  | 212.9 | 213.3  | 213.4 | 213.7  | 213.9 | 214.1  | 214.3 |
| 160°   | 209.7 | 210.1  | 210.4 | 210.7  | 211.0 | 211.3  | 211.5 | 211.8  | 212.1 | 212.2  | 212.5 |
| 162.5° | 208.8 | 209.1  | 209.3 | 209.6  | 209.9 | 210.2  | 210.5 | 210.8  | 211.0 | 211.2  | 211.4 |
| 165°   | 207.3 | 207.7  | 207.9 | 208.2  | 208.6 | 209.0  | 209.3 | 209.5  | 209.6 | 209.7  | 209.8 |
| 167.5° | 207.9 | 208.3  | 208.5 | 208.9  | 209.1 | 209.5  | 209.9 | 210.0  | 210.1 | 210.2  | 210.2 |
| 170°   | 208.0 | 208.4  | 208.6 | 208.9  | 209.2 | 209.5  | 209.7 | 209.8  | 209.9 | 210.0  | 210.1 |
| 172.5° | 208.0 | 208.5  | 208.8 | 209.2  | 209.4 | 209.8  | 210.1 | 210.2  | 210.1 | 210.1  | 210.0 |
| 175°   | 208.3 | 208.7  | 208.9 | 209.2  | 209.5 | 209.8  | 210.1 | 209.9  | 209.9 | 209.8  | 209.7 |
| 177.5° | 210.2 | 210.6  | 210.9 | 211.2  | 211.5 | 211.7  | 212.1 | 211.8  | 211.7 | 211.4  | 211.1 |
| 180°   | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 192.5°  | 195°    | 197.5°  | 200°    | 202.5°  | 205°    | 207.5°  | 210°    | 212.5°  | 215°    | 217.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15511.7 | 15519.5 | 15531.4 | 15542.1 | 15558.3 | 15571.1 | 15590.3 | 15604.9 | 15626.5 | 15640.6 | 15664.1 |
| 5°     | 15513.1 | 15543.5 | 15583.4 | 15622.4 | 15669.1 | 15711.6 | 15764.5 | 15809.5 | 15862.5 | 15905.8 | 15960.2 |
| 7.5°   | 15535.0 | 15593.6 | 15663.7 | 15734.4 | 15814.4 | 15889.1 | 15973.3 | 16049.6 | 16132.9 | 16203.6 | 16280.6 |
| 10°    | 15551.2 | 15641.5 | 15744.8 | 15848.9 | 15958.4 | 16060.2 | 16162.8 | 16251.6 | 16334.5 | 16402.8 | 16463.1 |
| 12.5°  | 15529.3 | 15653.7 | 15786.3 | 15914.4 | 16036.2 | 16141.4 | 16229.8 | 16298.1 | 16345.1 | 16377.1 | 16384.6 |
| 15°    | 15454.7 | 15604.4 | 15748.6 | 15876.2 | 15977.2 | 16055.1 | 16095.4 | 16114.3 | 16094.0 | 16060.4 | 15986.5 |
| 17.5°  | 15315.4 | 15473.2 | 15602.1 | 15702.8 | 15756.1 | 15777.4 | 15743.9 | 15685.8 | 15572.3 | 15446.1 | 15264.1 |
| 20°    | 15060.0 | 15206.9 | 15300.6 | 15355.5 | 15341.1 | 15288.3 | 15162.2 | 15008.8 | 14782.1 | 14540.5 | 14221.5 |
| 22.5°  | 14611.9 | 14740.5 | 14790.3 | 14794.4 | 14707.3 | 14574.9 | 14347.5 | 14084.5 | 13726.8 | 13354.9 | 12897.5 |
| 25°    | 13939.4 | 14052.0 | 14059.8 | 14015.6 | 13856.1 | 13641.8 | 13307.8 | 12935.7 | 12449.7 | 11954.1 | 11381.0 |
| 27.5°  | 13027.3 | 13135.2 | 13108.8 | 13026.3 | 12804.9 | 12518.2 | 12090.4 | 11609.8 | 11010.6 | 10425.3 | 9791.3  |
| 30°    | 11880.8 | 11996.2 | 11965.1 | 11859.2 | 11596.0 | 11257.0 | 10753.7 | 10195.4 | 9530.1  | 8904.9  | 8262.4  |
| 32.5°  | 10508.6 | 10654.6 | 10633.2 | 10532.6 | 10257.7 | 9895.1  | 9348.9  | 8756.8  | 8076.0  | 7460.0  | 6835.0  |
| 35°    | 8949.0  | 9126.3  | 9135.5  | 9069.7  | 8814.6  | 8456.0  | 7916.9  | 7343.6  | 6691.6  | 6110.4  | 5533.0  |
| 37.5°  | 7268.8  | 7474.3  | 7516.5  | 7498.7  | 7287.3  | 6970.8  | 6479.5  | 5965.3  | 5387.7  | 4878.3  | 4384.5  |
| 40°    | 5579.2  | 5787.2  | 5859.4  | 5880.8  | 5724.8  | 5479.6  | 5076.4  | 4661.4  | 4190.5  | 3777.7  | 3385.6  |
| 42.5°  | 4038.4  | 4222.8  | 4292.6  | 4336.5  | 4239.0  | 4075.6  | 3781.5  | 3480.0  | 3135.0  | 2837.3  | 2551.9  |
| 45°    | 2804.8  | 2935.2  | 2988.3  | 3032.4  | 2979.3  | 2887.2  | 2701.5  | 2512.9  | 2285.2  | 2090.6  | 1906.4  |
| 47.5°  | 1960.9  | 2032.9  | 2067.9  | 2089.3  | 2068.8  | 2020.7  | 1919.6  | 1810.4  | 1681.9  | 1568.2  | 1458.9  |
| 50°    | 1453.5  | 1491.8  | 1510.2  | 1522.5  | 1507.5  | 1480.8  | 1426.1  | 1366.6  | 1296.0  | 1231.7  | 1168.7  |
| 52.5°  | 1151.8  | 1173.8  | 1184.7  | 1191.4  | 1182.8  | 1166.5  | 1134.6  | 1099.4  | 1057.0  | 1017.2  | 996.3   |
| 55°    | 970.4   | 969.2   | 994.4   | 982.3   | 994.4   | 967.2   | 961.6   | 922.9   | 887.7   | 862.9   | 836.1   |
| 57.5°  | 800.3   | 811.7   | 816.5   | 821.9   | 818.3   | 813.4   | 799.9   | 786.0   | 767.5   | 751.9   | 735.4   |
| 60°    | 692.7   | 702.1   | 707.4   | 712.7   | 712.4   | 710.6   | 702.7   | 694.5   | 682.9   | 673.5   | 663.5   |
| 62.5°  | 618.6   | 626.8   | 632.0   | 637.1   | 637.6   | 636.8   | 630.9   | 625.1   | 617.3   | 611.5   | 604.5   |
| 65°    | 560.4   | 566.1   | 569.6   | 573.7   | 573.5   | 572.4   | 567.1   | 562.3   | 555.8   | 551.7   | 546.6   |
| 67.5°  | 499.4   | 503.7   | 506.5   | 510.3   | 511.1   | 511.3   | 508.3   | 506.1   | 502.9   | 501.7   | 500.1   |
| 70°    | 456.0   | 461.2   | 465.7   | 470.5   | 473.2   | 474.4   | 473.2   | 472.1   | 470.2   | 469.4   | 468.1   |
| 72.5°  | 423.2   | 427.6   | 431.0   | 435.4   | 438.0   | 439.8   | 438.8   | 438.1   | 436.5   | 436.3   | 435.3   |
| 75°    | 382.4   | 385.4   | 387.4   | 390.8   | 392.0   | 393.7   | 393.0   | 393.4   | 392.8   | 394.1   | 394.1   |
| 77.5°  | 333.4   | 335.6   | 336.5   | 339.0   | 339.2   | 341.2   | 341.6   | 344.0   | 345.7   | 349.4   | 351.4   |
| 80°    | 278.2   | 279.7   | 279.7   | 282.1   | 283.2   | 286.6   | 288.2   | 292.0   | 293.9   | 297.1   | 297.4   |
| 82.5°  | 216.1   | 214.4   | 216.1   | 215.0   | 218.3   | 222.0   | 222.6   | 225.8   | 226.6   | 228.7   | 227.0   |
| 85°    | 147.7   | 147.6   | 146.3   | 146.6   | 145.6   | 146.0   | 145.5   | 146.1   | 145.5   | 145.6   | 144.0   |
| 87.5°  | 70.8    | 71.4    | 69.8    | 70.4    | 68.9    | 69.5    | 68.3    | 69.3    | 67.8    | 68.0    | 65.6    |
| 90°    | 18.9    | 19.4    | 19.8    | 20.4    | 21.1    | 22.7    | 24.2    | 25.7    | 27.4    | 28.9    | 30.5    |
| 92.5°  | 21.1    | 22.0    | 22.9    | 23.7    | 24.5    | 26.9    | 29.4    | 31.7    | 34.2    | 36.6    | 39.1    |
| 95°    | 24.3    | 24.9    | 25.6    | 26.5    | 27.2    | 30.7    | 34.3    | 37.7    | 41.3    | 44.8    | 48.3    |
| 97.5°  | 27.4    | 27.9    | 28.4    | 28.8    | 29.3    | 33.4    | 37.5    | 41.7    | 45.9    | 50.0    | 54.1    |
| 100°   | 31.6    | 32.1    | 32.7    | 33.2    | 33.8    | 43.3    | 52.9    | 62.5    | 72.0    | 81.6    | 91.2    |
| 102.5° | 51.8    | 55.1    | 58.4    | 62.0    | 65.3    | 88.5    | 111.7   | 134.9   | 157.9   | 181.0   | 204.2   |
| 105°   | 119.1   | 130.3   | 141.6   | 152.9   | 164.2   | 199.3   | 234.5   | 269.5   | 304.5   | 339.6   | 374.6   |
| 107.5° | 241.7   | 261.6   | 281.4   | 301.3   | 321.1   | 354.1   | 387.1   | 420.1   | 453.1   | 486.0   | 518.9   |
| 110°   | 370.8   | 387.8   | 405.1   | 422.2   | 439.4   | 465.5   | 491.7   | 518.0   | 544.1   | 570.2   | 596.3   |



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**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 446.2  | 456.5 | 467.0  | 477.3 | 487.8  | 507.1 | 526.3  | 545.6 | 564.7  | 583.9 | 603.0  |
| 115°   | 465.8  | 471.2 | 476.8  | 482.3 | 487.9  | 499.5 | 511.1  | 522.7 | 534.3  | 545.8 | 557.4  |
| 117.5° | 452.7  | 454.8 | 456.8  | 458.6 | 460.6  | 466.5 | 472.6  | 478.5 | 484.5  | 490.4 | 496.3  |
| 120°   | 420.4  | 420.2 | 420.1  | 419.9 | 419.7  | 421.5 | 423.5  | 425.2 | 427.2  | 429.1 | 430.8  |
| 122.5° | 383.8  | 382.4 | 381.1  | 379.7 | 378.4  | 377.6 | 377.1  | 376.3 | 375.7  | 375.1 | 374.4  |
| 125°   | 349.2  | 347.8 | 346.4  | 345.0 | 343.5  | 341.8 | 340.2  | 338.6 | 336.8  | 335.2 | 333.4  |
| 127.5° | 319.7  | 318.5 | 317.4  | 316.0 | 314.7  | 312.8 | 310.9  | 308.9 | 307.1  | 305.2 | 303.2  |
| 130°   | 295.4  | 294.4 | 293.6  | 292.4 | 291.6  | 289.9 | 288.3  | 286.6 | 285.0  | 283.3 | 281.6  |
| 132.5° | 277.9  | 277.2 | 276.6  | 275.8 | 275.1  | 273.6 | 272.2  | 270.6 | 269.1  | 267.6 | 266.2  |
| 135°   | 264.3  | 263.9 | 263.6  | 263.2 | 262.7  | 261.5 | 260.4  | 259.2 | 258.1  | 257.0 | 255.9  |
| 137.5° | 253.1  | 253.0 | 252.9  | 252.7 | 252.6  | 251.6 | 250.7  | 249.7 | 248.8  | 247.8 | 246.9  |
| 140°   | 246.1  | 246.0 | 245.9  | 245.7 | 245.6  | 244.6 | 243.5  | 242.5 | 241.6  | 240.6 | 239.6  |
| 142.5° | 238.7  | 238.7 | 238.6  | 238.4 | 238.3  | 237.4 | 236.8  | 235.9 | 235.3  | 234.4 | 233.7  |
| 145°   | 233.3  | 233.4 | 233.4  | 233.3 | 233.5  | 232.5 | 231.6  | 230.6 | 229.9  | 228.9 | 228.0  |
| 147.5° | 228.0  | 228.1 | 228.3  | 228.2 | 228.4  | 227.6 | 226.9  | 226.1 | 225.4  | 224.6 | 224.0  |
| 150°   | 224.2  | 224.2 | 224.2  | 224.2 | 224.1  | 223.4 | 222.6  | 221.8 | 221.1  | 220.2 | 219.5  |
| 152.5° | 220.3  | 220.4 | 220.5  | 220.5 | 220.6  | 219.9 | 219.0  | 218.3 | 217.5  | 216.6 | 215.9  |
| 155°   | 217.2  | 217.3 | 217.3  | 217.3 | 217.3  | 216.6 | 215.8  | 215.1 | 214.3  | 213.5 | 212.8  |
| 157.5° | 214.4  | 214.5 | 214.6  | 214.7 | 214.7  | 214.1 | 213.4  | 212.9 | 212.2  | 211.6 | 210.9  |
| 160°   | 212.6  | 212.8 | 212.9  | 212.9 | 213.1  | 212.5 | 212.1  | 211.4 | 211.0  | 210.3 | 209.7  |
| 162.5° | 211.6  | 211.8 | 211.9  | 211.9 | 212.1  | 211.5 | 211.1  | 210.5 | 210.0  | 209.3 | 208.8  |
| 165°   | 210.0  | 210.0 | 210.0  | 210.0 | 210.0  | 209.6 | 209.4  | 209.0 | 208.6  | 208.2 | 207.9  |
| 167.5° | 210.4  | 210.4 | 210.4  | 210.4 | 210.4  | 210.1 | 210.0  | 209.7 | 209.4  | 209.1 | 208.8  |
| 170°   | 210.2  | 210.2 | 210.2  | 210.2 | 210.2  | 209.9 | 209.6  | 209.4 | 209.3  | 208.8 | 208.5  |
| 172.5° | 209.9  | 209.8 | 209.8  | 209.7 | 209.6  | 209.4 | 209.2  | 209.0 | 208.9  | 208.8 | 208.6  |
| 175°   | 209.7  | 209.5 | 209.4  | 209.3 | 209.1  | 209.1 | 209.0  | 209.0 | 208.9  | 208.9 | 208.8  |
| 177.5° | 211.0  | 210.8 | 210.5  | 210.3 | 210.1  | 210.0 | 210.0  | 209.9 | 209.9  | 209.8 | 209.7  |
| 180°   | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  |



TEST NUMBER: P1444579  
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**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 222.5°  | 225°    | 227.5°  | 230°    | 232.5°  | 235°    | 237.5°  | 240°    | 242.5°  | 245°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15678.7 | 15581.9 | 15569.1 | 15575.9 | 15592.1 | 15598.1 | 15615.5 | 15620.3 | 15637.9 | 15642.2 | 15659.1 |
| 5°     | 16002.2 | 15874.2 | 15880.6 | 15911.4 | 15958.0 | 15985.8 | 16031.6 | 16055.5 | 16099.2 | 16119.1 | 16158.6 |
| 7.5°   | 16343.3 | 16242.9 | 16274.2 | 16326.1 | 16389.8 | 16433.9 | 16488.9 | 16524.8 | 16572.1 | 16601.6 | 16639.5 |
| 10°    | 16510.8 | 16483.3 | 16517.8 | 16558.7 | 16595.0 | 16623.5 | 16646.8 | 16665.4 | 16677.6 | 16689.1 | 16694.1 |
| 12.5°  | 16383.4 | 16426.1 | 16431.8 | 16427.9 | 16403.9 | 16385.5 | 16344.1 | 16316.1 | 16266.3 | 16236.0 | 16176.7 |
| 15°    | 15910.8 | 16004.6 | 15952.7 | 15874.1 | 15759.2 | 15663.3 | 15528.0 | 15427.2 | 15286.2 | 15190.6 | 15049.2 |
| 17.5°  | 15081.6 | 15199.9 | 15064.7 | 14882.9 | 14651.7 | 14453.8 | 14207.5 | 14011.9 | 13767.0 | 13588.8 | 13360.3 |
| 20°    | 13914.2 | 14024.7 | 13783.5 | 13482.3 | 13124.5 | 12823.4 | 12468.5 | 12185.2 | 11855.2 | 11609.8 | 11313.7 |
| 22.5°  | 12460.7 | 12539.4 | 12199.6 | 11793.4 | 11337.7 | 10961.5 | 10537.1 | 10197.4 | 9821.0  | 9540.4  | 9224.6  |
| 25°    | 10852.6 | 10873.8 | 10466.3 | 9998.2  | 9490.3  | 9067.6  | 8614.5  | 8257.4  | 7873.5  | 7589.1  | 7279.2  |
| 27.5°  | 9229.5  | 9198.4  | 8757.9  | 8261.6  | 7727.3  | 7287.9  | 6846.0  | 6511.4  | 6175.1  | 5918.9  | 5651.9  |
| 30°    | 7697.6  | 7622.1  | 7164.7  | 6654.7  | 6136.0  | 5742.3  | 5375.3  | 5106.7  | 4839.1  | 4635.9  | 4421.6  |
| 32.5°  | 6292.8  | 6186.3  | 5741.1  | 5263.2  | 4826.2  | 4522.3  | 4250.2  | 4046.9  | 3830.9  | 3659.3  | 3479.3  |
| 35°    | 5048.4  | 4935.1  | 4540.7  | 4135.5  | 3804.8  | 3580.7  | 3366.9  | 3200.1  | 3016.7  | 2871.9  | 2715.6  |
| 37.5°  | 3980.6  | 3887.6  | 3557.2  | 3238.5  | 2988.3  | 2814.6  | 2639.5  | 2503.1  | 2351.6  | 2287.8  | 2120.9  |
| 40°    | 3073.0  | 3008.0  | 2749.7  | 2514.7  | 2326.8  | 2245.3  | 2067.4  | 1940.1  | 1826.7  | 1733.3  | 1642.9  |
| 42.5°  | 2397.0  | 2374.0  | 2122.6  | 1939.3  | 1807.0  | 1704.3  | 1605.1  | 1524.7  | 1446.3  | 1382.0  | 1321.2  |
| 45°    | 1759.1  | 1740.8  | 1629.2  | 1523.4  | 1433.2  | 1361.4  | 1294.4  | 1239.1  | 1187.9  | 1145.4  | 1106.8  |
| 47.5°  | 1369.8  | 1363.9  | 1299.7  | 1234.0  | 1177.3  | 1131.1  | 1087.7  | 1050.9  | 1017.0  | 988.6   | 979.3   |
| 50°    | 1114.1  | 1113.3  | 1075.6  | 1035.1  | 994.7   | 968.0   | 940.2   | 918.5   | 896.7   | 879.7   | 861.8   |
| 52.5°  | 946.6   | 942.5   | 917.1   | 892.0   | 868.0   | 850.6   | 832.8   | 818.9   | 804.5   | 794.0   | 782.8   |
| 55°    | 814.9   | 819.2   | 804.5   | 789.6   | 774.5   | 763.6   | 751.2   | 742.1   | 732.2   | 725.5   | 718.8   |
| 57.5°  | 723.4   | 729.1   | 721.5   | 712.9   | 703.8   | 696.6   | 688.1   | 681.8   | 675.1   | 670.9   | 667.1   |
| 60°    | 656.9   | 663.1   | 660.1   | 655.8   | 650.2   | 645.8   | 640.4   | 636.9   | 632.6   | 630.2   | 628.1   |
| 62.5°  | 600.5   | 608.2   | 607.1   | 605.2   | 601.5   | 599.2   | 596.1   | 594.6   | 591.8   | 590.7   | 589.8   |
| 65°    | 544.2   | 552.9   | 552.7   | 551.7   | 549.8   | 549.1   | 547.2   | 546.8   | 545.5   | 546.0   | 545.9   |
| 67.5°  | 499.9   | 507.4   | 509.1   | 510.4   | 510.3   | 510.8   | 510.6   | 511.4   | 511.4   | 512.5   | 513.1   |
| 70°    | 468.0   | 473.2   | 474.4   | 475.7   | 476.1   | 477.1   | 477.1   | 477.8   | 477.6   | 478.5   | 478.7   |
| 72.5°  | 435.6   | 442.6   | 443.8   | 444.9   | 444.9   | 445.9   | 445.4   | 445.2   | 443.8   | 443.5   | 442.5   |
| 75°    | 395.4   | 404.3   | 406.3   | 407.5   | 407.7   | 408.6   | 407.4   | 406.7   | 404.3   | 403.4   | 401.8   |
| 77.5°  | 353.4   | 362.7   | 364.0   | 364.5   | 363.7   | 363.9   | 361.4   | 359.7   | 356.8   | 355.6   | 354.0   |
| 80°    | 298.7   | 312.4   | 313.5   | 312.7   | 310.5   | 310.1   | 307.6   | 306.1   | 302.5   | 301.4   | 300.0   |
| 82.5°  | 227.3   | 243.3   | 245.6   | 246.6   | 244.9   | 245.3   | 242.9   | 241.9   | 238.7   | 238.2   | 236.0   |
| 85°    | 143.5   | 159.5   | 162.2   | 161.8   | 160.0   | 159.6   | 158.2   | 158.7   | 158.4   | 159.3   | 159.8   |
| 87.5°  | 65.9    | 81.4    | 85.2    | 84.0    | 83.8    | 82.7    | 80.3    | 81.1    | 82.6    | 83.6    | 83.7    |
| 90°    | 32.1    | 38.3    | 39.8    | 38.8    | 36.4    | 35.3    | 32.9    | 32.1    | 30.1    | 29.1    | 27.1    |
| 92.5°  | 41.5    | 43.9    | 46.4    | 44.2    | 42.0    | 39.9    | 37.7    | 35.5    | 33.4    | 31.1    | 29.1    |
| 95°    | 51.8    | 55.2    | 58.7    | 55.9    | 52.9    | 50.1    | 47.2    | 44.3    | 41.5    | 38.6    | 35.7    |
| 97.5°  | 58.3    | 62.4    | 66.4    | 63.6    | 60.6    | 57.7    | 54.7    | 51.9    | 48.9    | 46.1    | 43.1    |
| 100°   | 100.7   | 110.0   | 119.5   | 111.3   | 103.0   | 94.8    | 86.6    | 78.3    | 70.1    | 61.9    | 53.7    |
| 102.5° | 227.3   | 250.3   | 273.4   | 252.6   | 231.8   | 211.0   | 190.3   | 169.4   | 148.7   | 127.8   | 107.1   |
| 105°   | 409.6   | 444.5   | 479.5   | 447.6   | 415.9   | 384.2   | 352.4   | 320.7   | 288.9   | 257.2   | 225.4   |
| 107.5° | 551.9   | 584.5   | 617.3   | 588.6   | 559.9   | 531.1   | 502.3   | 473.8   | 445.1   | 416.2   | 387.6   |
| 110°   | 622.6   | 648.1   | 674.1   | 654.7   | 635.5   | 616.2   | 596.9   | 577.7   | 558.4   | 539.2   | 520.0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 222.5° | 225°  | 227.5° | 230°  | 232.5° | 235°  | 237.5° | 240°  | 242.5° | 245°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 622.2 | 640.6  | 659.6 | 648.2  | 636.9 | 625.6  | 614.3 | 603.0  | 591.8 | 580.5  | 569.3 |
| 115°   | 568.8 | 579.6  | 590.9 | 586.3  | 581.9 | 577.4  | 572.9 | 568.3  | 563.8 | 559.4  | 555.1 |
| 117.5° | 502.2 | 507.2  | 512.7 | 511.8  | 511.0 | 510.0  | 509.2 | 508.2  | 507.5 | 506.7  | 506.0 |
| 120°   | 432.6 | 433.3  | 434.8 | 435.2  | 435.7 | 436.3  | 436.8 | 437.3  | 437.8 | 438.5  | 439.1 |
| 122.5° | 373.7 | 371.9  | 370.8 | 371.2  | 371.7 | 372.2  | 372.6 | 373.1  | 373.6 | 374.1  | 374.6 |
| 125°   | 331.8 | 328.8  | 326.6 | 325.7  | 324.9 | 324.1  | 323.2 | 322.3  | 321.5 | 320.7  | 320.0 |
| 127.5° | 301.3 | 298.0  | 295.7 | 293.8  | 291.9 | 290.1  | 288.2 | 286.2  | 284.4 | 282.5  | 280.7 |
| 130°   | 280.0 | 276.8  | 274.7 | 272.4  | 270.1 | 267.7  | 265.3 | 263.1  | 260.6 | 258.2  | 255.9 |
| 132.5° | 264.6 | 261.5  | 259.6 | 257.5  | 255.2 | 252.9  | 250.7 | 248.4  | 246.1 | 243.8  | 241.5 |
| 135°   | 254.7 | 251.9  | 250.4 | 248.2  | 246.4 | 244.2  | 242.0 | 240.1  | 238.0 | 235.7  | 233.9 |
| 137.5° | 245.9 | 243.2  | 241.8 | 240.2  | 238.6 | 236.9  | 235.4 | 233.7  | 232.0 | 230.2  | 228.7 |
| 140°   | 238.6 | 235.6  | 234.3 | 233.3  | 232.5 | 231.3  | 230.4 | 229.5  | 228.6 | 227.5  | 226.5 |
| 142.5° | 232.9 | 230.1  | 229.0 | 228.3  | 227.7 | 227.1  | 226.6 | 225.9  | 225.2 | 224.5  | 223.9 |
| 145°   | 227.1 | 224.0  | 222.7 | 222.6  | 222.6 | 222.4  | 222.3 | 222.2  | 222.1 | 221.9  | 221.8 |
| 147.5° | 223.2 | 220.0  | 218.8 | 218.9  | 218.9 | 218.9  | 219.0 | 219.0  | 219.2 | 219.1  | 219.2 |
| 150°   | 218.7 | 215.1  | 213.6 | 213.9  | 214.0 | 214.3  | 214.5 | 214.7  | 215.0 | 215.2  | 215.4 |
| 152.5° | 215.0 | 210.7  | 209.0 | 209.3  | 209.6 | 209.8  | 210.2 | 210.4  | 210.8 | 211.1  | 211.4 |
| 155°   | 211.9 | 207.3  | 205.5 | 205.5  | 205.6 | 205.8  | 205.9 | 206.0  | 206.2 | 206.4  | 206.7 |
| 157.5° | 210.1 | 205.3  | 203.6 | 203.5  | 203.5 | 203.6  | 203.6 | 203.6  | 203.7 | 203.8  | 204.0 |
| 160°   | 209.0 | 204.4  | 202.6 | 202.5  | 202.5 | 202.5  | 202.5 | 202.4  | 202.5 | 202.6  | 202.8 |
| 162.5° | 208.0 | 203.5  | 201.9 | 201.7  | 201.6 | 201.6  | 201.7 | 201.5  | 201.6 | 201.6  | 201.8 |
| 165°   | 207.4 | 203.4  | 201.9 | 201.9  | 202.0 | 202.0  | 202.1 | 202.1  | 202.2 | 202.3  | 202.5 |
| 167.5° | 208.5 | 204.9  | 203.7 | 203.6  | 203.4 | 203.2  | 203.2 | 203.0  | 203.0 | 202.9  | 202.9 |
| 170°   | 208.3 | 205.4  | 204.4 | 204.4  | 204.5 | 204.4  | 204.4 | 204.5  | 204.5 | 204.5  | 204.6 |
| 172.5° | 208.3 | 206.3  | 205.5 | 205.7  | 205.9 | 206.0  | 206.2 | 206.2  | 206.4 | 206.6  | 206.8 |
| 175°   | 208.7 | 207.5  | 207.2 | 207.1  | 207.2 | 207.3  | 207.4 | 207.4  | 207.5 | 207.6  | 207.9 |
| 177.5° | 209.6 | 209.2  | 209.0 | 209.0  | 209.0 | 209.0  | 209.0 | 209.0  | 209.0 | 209.1  | 209.1 |
| 180°   | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5°  | 250°    | 252.5°  | 255°    | 257.5°  | 260°    | 262.5°  | 265°    | 267.5°  | 270°    | 272.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15662.2 | 15680.5 | 15679.1 | 15696.1 | 15695.3 | 15711.3 | 15708.1 | 15722.1 | 15718.8 | 15730.7 | 15723.7 |
| 5°     | 16176.0 | 16210.7 | 16222.2 | 16253.5 | 16260.0 | 16288.0 | 16288.6 | 16310.9 | 16308.3 | 16325.7 | 16316.4 |
| 7.5°   | 16662.0 | 16694.4 | 16709.8 | 16734.2 | 16746.3 | 16766.5 | 16774.4 | 16791.0 | 16794.9 | 16804.7 | 16804.4 |
| 10°    | 16703.0 | 16702.9 | 16710.5 | 16707.1 | 16713.9 | 16709.9 | 16718.3 | 16715.2 | 16727.5 | 16724.4 | 16733.6 |
| 12.5°  | 16151.1 | 16096.3 | 16076.4 | 16027.2 | 16016.3 | 15974.2 | 15977.2 | 15950.1 | 15963.2 | 15946.5 | 15974.9 |
| 15°    | 14965.0 | 14838.0 | 14775.2 | 14664.7 | 14630.1 | 14542.7 | 14535.7 | 14477.7 | 14493.3 | 14463.0 | 14507.4 |
| 17.5°  | 13212.3 | 13012.3 | 12902.5 | 12741.2 | 12677.2 | 12553.7 | 12528.9 | 12454.2 | 12465.8 | 12428.2 | 12481.8 |
| 20°    | 11122.6 | 10880.9 | 10742.5 | 10555.9 | 10472.7 | 10325.4 | 10286.4 | 10202.9 | 10213.3 | 10175.9 | 10236.5 |
| 22.5°  | 9009.1  | 8756.0  | 8599.7  | 8404.2  | 8298.0  | 8159.5  | 8117.9  | 8034.1  | 8038.9  | 8003.7  | 8062.0  |
| 25°    | 7066.8  | 6824.3  | 6672.5  | 6494.9  | 6402.7  | 6275.8  | 6232.1  | 6156.8  | 6161.0  | 6132.1  | 6184.3  |
| 27.5°  | 5466.7  | 5267.7  | 5140.8  | 4991.8  | 4909.2  | 4804.8  | 4762.3  | 4698.9  | 4698.7  | 4677.5  | 4721.2  |
| 30°    | 4271.9  | 4105.8  | 3991.9  | 3862.2  | 3784.5  | 3690.4  | 3649.3  | 3592.6  | 3590.1  | 3575.0  | 3609.8  |
| 32.5°  | 3344.9  | 3197.1  | 3093.1  | 2979.1  | 2909.3  | 2828.6  | 2789.6  | 2744.0  | 2739.9  | 2726.2  | 2754.8  |
| 35°    | 2600.2  | 2475.7  | 2386.3  | 2290.3  | 2297.4  | 2178.2  | 2197.9  | 2105.3  | 2080.3  | 2074.8  | 2096.0  |
| 37.5°  | 2009.6  | 1913.3  | 1840.7  | 1768.7  | 1720.0  | 1669.6  | 1642.5  | 1618.1  | 1615.4  | 1613.0  | 1627.8  |
| 40°    | 1573.0  | 1505.5  | 1452.8  | 1403.4  | 1369.9  | 1339.1  | 1322.1  | 1308.8  | 1305.5  | 1303.8  | 1312.8  |
| 42.5°  | 1273.1  | 1227.6  | 1193.6  | 1163.4  | 1143.1  | 1126.4  | 1117.0  | 1109.6  | 1107.1  | 1107.1  | 1112.4  |
| 45°    | 1075.6  | 1048.0  | 1026.1  | 1007.3  | 994.4   | 1000.1  | 983.3   | 992.0   | 980.4   | 992.4   | 984.4   |
| 47.5°  | 947.2   | 923.7   | 910.2   | 896.9   | 889.0   | 882.7   | 882.9   | 883.0   | 885.5   | 885.9   | 888.5   |
| 50°    | 848.2   | 834.5   | 825.1   | 816.7   | 812.5   | 809.2   | 810.4   | 811.3   | 813.6   | 813.8   | 815.7   |
| 52.5°  | 774.8   | 765.9   | 760.2   | 755.0   | 753.1   | 751.2   | 752.0   | 751.6   | 752.8   | 752.2   | 753.8   |
| 55°    | 715.2   | 711.0   | 709.2   | 707.2   | 707.5   | 706.9   | 707.3   | 705.5   | 704.3   | 702.8   | 704.2   |
| 57.5°  | 666.2   | 665.6   | 666.9   | 667.7   | 669.9   | 670.7   | 671.2   | 669.0   | 667.0   | 665.1   | 666.2   |
| 60°    | 628.5   | 629.4   | 632.4   | 634.8   | 638.1   | 639.6   | 640.4   | 639.2   | 637.7   | 636.1   | 637.1   |
| 62.5°  | 591.2   | 592.7   | 596.2   | 599.0   | 602.9   | 604.9   | 607.1   | 607.2   | 607.8   | 607.2   | 607.9   |
| 65°    | 548.1   | 549.9   | 553.1   | 555.4   | 559.0   | 560.8   | 563.0   | 563.4   | 564.7   | 564.4   | 565.5   |
| 67.5°  | 515.2   | 516.9   | 519.5   | 521.7   | 524.9   | 526.8   | 528.8   | 528.9   | 529.3   | 529.3   | 530.3   |
| 70°    | 480.2   | 481.0   | 483.5   | 485.2   | 488.5   | 490.4   | 492.7   | 493.4   | 494.8   | 495.1   | 496.1   |
| 72.5°  | 442.9   | 442.6   | 444.0   | 444.8   | 447.2   | 448.7   | 451.7   | 453.3   | 455.7   | 456.4   | 457.2   |
| 75°    | 402.2   | 401.9   | 403.6   | 404.3   | 406.4   | 407.9   | 411.2   | 413.3   | 417.1   | 418.6   | 418.2   |
| 77.5°  | 355.2   | 356.0   | 359.2   | 361.0   | 363.7   | 365.7   | 369.9   | 373.4   | 380.1   | 383.2   | 380.1   |
| 80°    | 302.5   | 303.4   | 306.8   | 308.4   | 312.1   | 314.3   | 319.1   | 323.1   | 329.3   | 330.6   | 328.9   |
| 82.5°  | 237.9   | 238.1   | 241.1   | 242.3   | 247.0   | 250.5   | 256.6   | 259.7   | 263.5   | 263.0   | 262.5   |
| 85°    | 162.2   | 164.3   | 168.2   | 171.9   | 177.6   | 183.2   | 188.9   | 193.6   | 190.3   | 195.5   | 189.6   |
| 87.5°  | 86.6    | 86.4    | 91.5    | 90.8    | 98.8    | 103.4   | 108.4   | 110.8   | 113.5   | 112.9   | 113.0   |
| 90°    | 26.4    | 25.0    | 24.9    | 23.4    | 23.7    | 22.0    | 22.7    | 21.2    | 22.1    | 20.3    | 23.1    |
| 92.5°  | 26.8    | 25.7    | 24.5    | 23.4    | 22.1    | 21.1    | 19.8    | 18.7    | 17.5    | 16.3    | 17.5    |
| 95°    | 32.8    | 31.7    | 30.6    | 29.5    | 28.4    | 27.3    | 26.2    | 25.1    | 24.1    | 23.0    | 24.4    |
| 97.5°  | 40.3    | 39.7    | 39.0    | 38.4    | 37.7    | 37.1    | 36.4    | 35.9    | 35.1    | 34.5    | 35.4    |
| 100°   | 45.5    | 45.5    | 45.5    | 45.5    | 45.4    | 45.4    | 45.4    | 45.4    | 45.4    | 45.4    | 46.1    |
| 102.5° | 86.2    | 84.2    | 82.1    | 80.1    | 78.0    | 75.8    | 73.8    | 71.7    | 69.6    | 67.6    | 70.6    |
| 105°   | 193.8   | 185.7   | 177.5   | 169.3   | 161.2   | 153.1   | 145.0   | 136.8   | 128.8   | 120.6   | 129.0   |
| 107.5° | 359.0   | 344.1   | 329.4   | 314.5   | 299.7   | 284.9   | 270.1   | 255.3   | 240.6   | 225.7   | 239.0   |
| 110°   | 500.8   | 485.0   | 469.2   | 453.5   | 437.7   | 422.1   | 406.4   | 390.7   | 374.9   | 359.2   | 371.9   |



TEST NUMBER: P1444579  
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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°  | 272.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 558.1  | 547.8 | 537.6  | 527.5 | 517.3  | 507.2 | 497.1  | 487.0 | 476.9  | 466.8 | 472.9  |
| 115°   | 550.7  | 545.8 | 540.8  | 536.0 | 531.2  | 526.3 | 521.4  | 516.7 | 511.9  | 507.1 | 507.4  |
| 117.5° | 505.1  | 503.4 | 501.7  | 500.1 | 498.5  | 496.9 | 495.4  | 493.8 | 492.2  | 490.7 | 487.3  |
| 120°   | 439.8  | 440.1 | 440.6  | 441.0 | 441.5  | 442.1 | 442.5  | 443.1 | 443.8  | 444.4 | 439.8  |
| 122.5° | 375.1  | 376.3 | 377.4  | 378.5 | 379.7  | 381.0 | 382.2  | 383.5 | 384.9  | 386.2 | 381.6  |
| 125°   | 319.1  | 320.2 | 321.3  | 322.4 | 323.5  | 324.7 | 326.0  | 327.3 | 328.6  | 330.0 | 326.2  |
| 127.5° | 278.9  | 279.2 | 279.5  | 279.8 | 280.2  | 280.6 | 281.2  | 281.8 | 282.5  | 283.1 | 280.6  |
| 130°   | 253.6  | 253.0 | 252.4  | 252.1 | 251.6  | 251.3 | 250.9  | 250.7 | 250.5  | 250.3 | 249.2  |
| 132.5° | 239.3  | 238.2 | 237.0  | 236.0 | 235.0  | 234.1 | 233.1  | 232.4 | 231.5  | 230.9 | 230.5  |
| 135°   | 231.7  | 230.2 | 228.8  | 227.3 | 225.9  | 224.6 | 223.4  | 222.3 | 221.2  | 220.1 | 220.4  |
| 137.5° | 226.9  | 225.5 | 224.0  | 222.6 | 221.2  | 219.9 | 218.6  | 217.5 | 216.4  | 215.3 | 215.8  |
| 140°   | 225.5  | 224.0 | 222.5  | 221.1 | 219.8  | 218.6 | 217.4  | 216.3 | 215.0  | 214.1 | 214.4  |
| 142.5° | 223.2  | 222.0 | 220.6  | 219.3 | 218.1  | 216.9 | 215.8  | 214.8 | 213.7  | 213.0 | 213.3  |
| 145°   | 221.6  | 220.7 | 219.6  | 218.7 | 217.9  | 217.0 | 216.1  | 215.4 | 214.6  | 214.1 | 214.3  |
| 147.5° | 219.3  | 218.6 | 217.8  | 217.1 | 216.4  | 215.8 | 215.2  | 214.6 | 214.1  | 213.7 | 213.7  |
| 150°   | 215.6  | 215.2 | 214.7  | 214.3 | 213.7  | 213.4 | 213.1  | 212.7 | 212.4  | 212.2 | 212.1  |
| 152.5° | 211.7  | 211.3 | 210.9  | 210.5 | 210.0  | 209.8 | 209.4  | 209.1 | 208.9  | 208.6 | 208.6  |
| 155°   | 206.9  | 206.7 | 206.5  | 206.3 | 206.1  | 206.2 | 206.0  | 206.0 | 205.9  | 205.8 | 205.9  |
| 157.5° | 204.1  | 204.1 | 204.0  | 204.1 | 204.1  | 204.2 | 204.1  | 204.3 | 204.2  | 204.4 | 204.5  |
| 160°   | 203.0  | 202.9 | 202.8  | 202.8 | 202.8  | 202.7 | 202.6  | 202.7 | 202.7  | 202.7 | 202.9  |
| 162.5° | 201.9  | 202.1 | 202.1  | 202.2 | 202.3  | 202.4 | 202.6  | 202.9 | 203.0  | 203.2 | 203.4  |
| 165°   | 202.7  | 202.6 | 202.6  | 202.5 | 202.6  | 202.6 | 202.6  | 202.8 | 202.8  | 202.9 | 203.2  |
| 167.5° | 202.8  | 203.0 | 203.0  | 203.2 | 203.3  | 203.4 | 203.6  | 203.9 | 204.1  | 204.4 | 204.6  |
| 170°   | 204.6  | 204.6 | 204.6  | 204.6 | 204.6  | 204.7 | 204.8  | 204.8 | 204.9  | 205.0 | 205.2  |
| 172.5° | 207.0  | 207.0 | 206.9  | 207.0 | 206.9  | 207.0 | 207.0  | 207.0 | 207.0  | 207.1 | 207.2  |
| 175°   | 207.8  | 208.0 | 208.1  | 208.2 | 208.3  | 208.4 | 208.5  | 208.6 | 208.7  | 208.8 | 208.8  |
| 177.5° | 209.1  | 209.1 | 209.1  | 209.1 | 209.1  | 209.2 | 209.2  | 209.2 | 209.2  | 209.1 | 209.2  |
| 180°   | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  |



TEST NUMBER: P1444579  
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**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 277.5°  | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  | 300°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15735.3 | 15727.5 | 15735.5 | 15727.4 | 15735.5 | 15725.7 | 15732.4 | 15721.8 | 15724.4 | 15713.4 | 15716.3 |
| 5°     | 16330.3 | 16317.7 | 16324.4 | 16308.1 | 16309.9 | 16288.0 | 16287.7 | 16262.3 | 16255.6 | 16226.7 | 16214.1 |
| 7.5°   | 16811.4 | 16807.3 | 16809.6 | 16799.1 | 16797.9 | 16783.0 | 16775.9 | 16755.0 | 16741.9 | 16715.2 | 16697.2 |
| 10°    | 16735.3 | 16747.6 | 16750.7 | 16763.2 | 16765.7 | 16778.2 | 16780.8 | 16793.1 | 16795.7 | 16804.9 | 16805.0 |
| 12.5°  | 15973.5 | 16015.2 | 16025.2 | 16076.6 | 16098.3 | 16157.1 | 16188.6 | 16253.5 | 16292.1 | 16356.7 | 16396.5 |
| 15°    | 14506.1 | 14578.2 | 14606.9 | 14707.4 | 14763.0 | 14880.2 | 14953.8 | 15088.5 | 15183.6 | 15326.6 | 15428.5 |
| 17.5°  | 12486.5 | 12587.2 | 12632.6 | 12768.8 | 12857.7 | 13030.8 | 13155.6 | 13360.9 | 13518.0 | 13746.2 | 13927.1 |
| 20°    | 10246.9 | 10358.8 | 10420.5 | 10575.9 | 10680.8 | 10883.0 | 11038.7 | 11291.1 | 11501.4 | 11790.6 | 12037.8 |
| 22.5°  | 8080.2  | 8186.7  | 8255.3  | 8413.3  | 8531.4  | 8742.3  | 8916.3  | 9182.7  | 9418.5  | 9744.3  | 10040.7 |
| 25°    | 6204.1  | 6301.7  | 6363.6  | 6506.6  | 6617.5  | 6811.3  | 6977.5  | 7233.6  | 7464.3  | 7791.1  | 8095.2  |
| 27.5°  | 4742.9  | 4824.7  | 4884.4  | 5006.3  | 5104.1  | 5268.5  | 5411.3  | 5623.0  | 5821.7  | 6104.5  | 6375.1  |
| 30°    | 3631.1  | 3703.6  | 3761.6  | 3867.8  | 3958.5  | 4101.0  | 4226.5  | 4404.3  | 4568.9  | 4793.8  | 5009.1  |
| 32.5°  | 2774.8  | 2837.2  | 2888.9  | 2981.9  | 3064.1  | 3192.4  | 3305.6  | 3461.4  | 3602.6  | 3793.4  | 3970.6  |
| 35°    | 2115.6  | 2238.4  | 2229.7  | 2358.0  | 2378.6  | 2470.6  | 2571.5  | 2707.8  | 2832.9  | 2995.1  | 3145.8  |
| 37.5°  | 1642.1  | 1676.7  | 1713.6  | 1770.3  | 1829.8  | 1913.6  | 1998.8  | 2165.3  | 2226.4  | 2349.0  | 2473.9  |
| 40°    | 1324.2  | 1347.5  | 1371.9  | 1410.3  | 1451.9  | 1510.9  | 1573.0  | 1652.5  | 1733.8  | 1833.3  | 1934.8  |
| 42.5°  | 1119.5  | 1132.7  | 1148.2  | 1170.8  | 1196.4  | 1233.8  | 1275.4  | 1329.2  | 1385.9  | 1455.8  | 1527.2  |
| 45°    | 1000.3  | 994.0   | 998.6   | 1010.7  | 1026.1  | 1048.9  | 1075.1  | 1108.4  | 1145.3  | 1190.6  | 1238.8  |
| 47.5°  | 889.0   | 891.5   | 892.9   | 899.5   | 907.7   | 923.0   | 939.0   | 961.6   | 1005.3  | 1018.6  | 1044.9  |
| 50°    | 815.6   | 816.8   | 816.4   | 819.7   | 823.9   | 833.9   | 844.2   | 859.5   | 874.7   | 895.1   | 914.4   |
| 52.5°  | 754.0   | 755.8   | 755.5   | 757.6   | 759.9   | 766.2   | 772.7   | 783.6   | 793.6   | 806.5   | 817.6   |
| 55°    | 705.4   | 707.7   | 708.6   | 710.5   | 711.6   | 714.9   | 717.5   | 722.7   | 726.9   | 734.3   | 740.9   |
| 57.5°  | 667.9   | 671.2   | 672.8   | 673.4   | 672.1   | 671.9   | 671.0   | 672.1   | 673.0   | 676.9   | 680.6   |
| 60°    | 638.6   | 641.1   | 641.5   | 641.1   | 638.8   | 637.0   | 634.3   | 633.4   | 632.9   | 634.8   | 636.9   |
| 62.5°  | 607.7   | 608.7   | 608.0   | 607.2   | 604.5   | 602.8   | 600.0   | 598.9   | 597.9   | 599.3   | 600.4   |
| 65°    | 565.1   | 565.9   | 565.1   | 564.7   | 562.2   | 560.9   | 558.4   | 557.6   | 556.3   | 556.6   | 556.4   |
| 67.5°  | 530.5   | 531.3   | 530.7   | 530.0   | 528.4   | 527.5   | 525.7   | 524.5   | 522.9   | 522.3   | 521.1   |
| 70°    | 496.1   | 496.6   | 495.7   | 495.1   | 493.1   | 492.3   | 490.6   | 490.4   | 489.0   | 488.7   | 487.4   |
| 72.5°  | 456.4   | 456.4   | 455.0   | 454.6   | 453.1   | 453.1   | 452.4   | 453.0   | 453.0   | 453.7   | 453.4   |
| 75°    | 415.7   | 415.1   | 413.4   | 413.1   | 412.1   | 412.6   | 411.8   | 412.8   | 412.9   | 414.4   | 414.6   |
| 77.5°  | 375.0   | 373.0   | 369.6   | 368.1   | 365.9   | 365.6   | 364.3   | 365.2   | 364.9   | 366.7   | 367.4   |
| 80°    | 323.7   | 321.1   | 316.9   | 314.9   | 312.3   | 311.9   | 310.7   | 311.9   | 311.3   | 313.3   | 314.7   |
| 82.5°  | 258.4   | 256.2   | 251.9   | 250.2   | 247.2   | 247.5   | 246.3   | 247.5   | 247.3   | 250.3   | 252.1   |
| 85°    | 191.2   | 189.7   | 185.2   | 181.2   | 176.8   | 174.2   | 171.6   | 171.2   | 170.4   | 171.6   | 172.7   |
| 87.5°  | 110.4   | 109.0   | 105.5   | 103.2   | 95.5    | 95.8    | 92.7    | 92.5    | 91.8    | 91.2    | 92.7    |
| 90°    | 22.9    | 25.3    | 25.2    | 27.5    | 27.6    | 30.2    | 30.5    | 32.9    | 33.0    | 35.5    | 36.0    |
| 92.5°  | 18.7    | 19.8    | 21.0    | 22.1    | 23.3    | 24.5    | 25.6    | 26.8    | 29.4    | 31.7    | 34.4    |
| 95°    | 25.7    | 27.0    | 28.4    | 29.8    | 31.1    | 32.4    | 33.8    | 35.2    | 38.9    | 42.5    | 46.3    |
| 97.5°  | 36.3    | 37.2    | 38.1    | 39.0    | 39.9    | 40.9    | 41.7    | 42.6    | 46.7    | 50.7    | 54.6    |
| 100°   | 46.9    | 47.5    | 48.2    | 49.0    | 49.7    | 50.4    | 51.2    | 51.9    | 59.6    | 67.3    | 74.9    |
| 102.5° | 73.7    | 76.8    | 79.9    | 82.9    | 85.9    | 89.1    | 92.1    | 95.2    | 112.9   | 130.4   | 148.0   |
| 105°   | 137.4   | 145.8   | 154.2   | 162.6   | 171.0   | 179.4   | 187.9   | 196.3   | 224.5   | 252.5   | 280.8   |
| 107.5° | 252.2   | 265.5   | 278.8   | 292.1   | 305.4   | 318.7   | 331.9   | 345.3   | 372.7   | 400.3   | 427.8   |
| 110°   | 384.5   | 397.1   | 409.7   | 422.5   | 435.1   | 447.7   | 460.4   | 473.2   | 489.7   | 506.2   | 522.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°  | 282.5° | 285°  | 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 479.1 | 485.1  | 491.4 | 497.5  | 503.8 | 510.0  | 516.3 | 522.5  | 530.8 | 539.0  | 547.3 |
| 115°   | 507.8 | 508.2  | 508.7 | 509.0  | 509.5 | 510.0  | 510.5 | 511.1  | 513.7 | 516.4  | 519.0 |
| 117.5° | 484.0 | 480.5  | 477.2 | 473.9  | 470.6 | 467.4  | 464.1 | 461.0  | 460.5 | 459.9  | 459.6 |
| 120°   | 435.3 | 430.9  | 426.4 | 421.8  | 417.5 | 413.0  | 408.7 | 404.4  | 402.2 | 400.0  | 397.9 |
| 122.5° | 377.2 | 372.7  | 368.2 | 363.8  | 359.5 | 355.1  | 350.9 | 346.6  | 345.2 | 343.7  | 342.1 |
| 125°   | 322.4 | 318.7  | 315.0 | 311.4  | 307.8 | 304.3  | 300.8 | 297.3  | 297.3 | 297.3  | 297.4 |
| 127.5° | 278.4 | 276.2  | 274.0 | 271.8  | 269.7 | 267.8  | 265.7 | 263.6  | 264.8 | 265.9  | 267.0 |
| 130°   | 248.2 | 247.3  | 246.5 | 245.5  | 244.9 | 244.1  | 243.3 | 242.6  | 244.6 | 246.3  | 248.2 |
| 132.5° | 230.5 | 230.4  | 230.3 | 230.4  | 230.4 | 230.5  | 230.8 | 230.8  | 233.0 | 235.1  | 237.1 |
| 135°   | 220.7 | 221.0  | 221.5 | 221.9  | 222.5 | 223.0  | 223.7 | 224.3  | 226.3 | 228.2  | 230.2 |
| 137.5° | 216.3 | 216.8  | 217.4 | 218.1  | 218.9 | 219.4  | 220.3 | 221.1  | 222.7 | 224.3  | 225.8 |
| 140°   | 214.9 | 215.1  | 215.7 | 216.3  | 216.9 | 217.4  | 218.2 | 218.8  | 220.1 | 221.4  | 222.7 |
| 142.5° | 213.7 | 214.0  | 214.5 | 215.0  | 215.6 | 216.2  | 216.8 | 217.4  | 218.3 | 219.2  | 220.3 |
| 145°   | 214.6 | 214.9  | 215.3 | 215.7  | 216.1 | 216.6  | 217.1 | 217.5  | 218.2 | 218.7  | 219.4 |
| 147.5° | 213.9 | 214.1  | 214.4 | 214.7  | 215.1 | 215.4  | 215.6 | 215.9  | 216.4 | 216.8  | 217.3 |
| 150°   | 212.2 | 212.3  | 212.5 | 212.6  | 212.9 | 213.1  | 213.3 | 213.4  | 213.8 | 214.1  | 214.5 |
| 152.5° | 208.8 | 208.8  | 208.9 | 209.1  | 209.3 | 209.4  | 209.5 | 209.7  | 210.1 | 210.4  | 210.8 |
| 155°   | 206.1 | 206.3  | 206.5 | 206.7  | 207.0 | 207.1  | 207.4 | 207.6  | 207.9 | 208.0  | 208.3 |
| 157.5° | 204.7 | 204.8  | 205.1 | 205.3  | 205.5 | 205.7  | 206.0 | 206.1  | 206.4 | 206.6  | 206.8 |
| 160°   | 203.2 | 203.6  | 203.8 | 204.1  | 204.4 | 204.7  | 205.0 | 205.4  | 205.6 | 205.8  | 206.0 |
| 162.5° | 203.6 | 203.8  | 204.1 | 204.3  | 204.5 | 204.7  | 204.9 | 205.1  | 205.5 | 205.7  | 206.1 |
| 165°   | 203.5 | 203.8  | 204.2 | 204.4  | 204.8 | 205.2  | 205.4 | 205.8  | 205.9 | 206.2  | 206.4 |
| 167.5° | 205.0 | 205.2  | 205.6 | 205.8  | 206.1 | 206.4  | 206.7 | 207.0  | 207.2 | 207.3  | 207.6 |
| 170°   | 205.5 | 205.8  | 206.0 | 206.2  | 206.5 | 206.7  | 207.0 | 207.3  | 207.6 | 207.8  | 208.0 |
| 172.5° | 207.4 | 207.6  | 207.8 | 207.9  | 208.0 | 208.3  | 208.5 | 208.7  | 209.0 | 209.2  | 209.4 |
| 175°   | 208.8 | 208.8  | 208.9 | 208.9  | 209.0 | 209.0  | 209.1 | 209.2  | 209.2 | 209.3  | 209.3 |
| 177.5° | 209.3 | 209.4  | 209.5 | 209.6  | 209.7 | 209.8  | 209.9 | 210.0  | 210.0 | 210.0  | 210.0 |
| 180°   | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  | 325°    | 327.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15705.3 | 15705.9 | 15693.3 | 15692.6 | 15680.7 | 15679.2 | 15667.6 | 15664.1 | 15654.8 | 15651.3 | 15641.8 |
| 5°     | 16181.8 | 16166.3 | 16130.7 | 16109.7 | 16074.5 | 16051.1 | 16013.0 | 15988.2 | 15951.3 | 15923.5 | 15886.5 |
| 7.5°   | 16663.7 | 16639.7 | 16599.6 | 16567.2 | 16518.4 | 16479.3 | 16422.1 | 16375.2 | 16313.3 | 16259.7 | 16194.5 |
| 10°    | 16805.0 | 16801.3 | 16791.1 | 16776.2 | 16753.5 | 16727.9 | 16689.0 | 16648.3 | 16594.1 | 16535.1 | 16462.8 |
| 12.5°  | 16457.2 | 16494.8 | 16546.0 | 16576.3 | 16613.3 | 16629.5 | 16644.6 | 16640.8 | 16630.9 | 16601.0 | 16559.2 |
| 15°    | 15576.3 | 15681.8 | 15821.6 | 15929.8 | 16054.4 | 16144.9 | 16244.9 | 16307.3 | 16369.4 | 16398.1 | 16415.6 |
| 17.5°  | 14175.0 | 14374.8 | 14625.2 | 14832.9 | 15072.5 | 15264.9 | 15475.8 | 15634.6 | 15797.9 | 15914.9 | 16020.7 |
| 20°    | 12374.8 | 12664.3 | 13018.7 | 13331.8 | 13695.7 | 14012.0 | 14358.7 | 14643.2 | 14936.7 | 15166.2 | 15383.4 |
| 22.5°  | 10422.5 | 10766.3 | 11194.6 | 11591.5 | 12060.7 | 12482.4 | 12958.2 | 13372.3 | 13804.7 | 14165.9 | 14515.2 |
| 25°    | 8502.5  | 8879.6  | 9348.0  | 9790.8  | 10322.2 | 10812.7 | 11376.9 | 11893.1 | 12452.0 | 12937.1 | 13416.5 |
| 27.5°  | 6749.3  | 7119.6  | 7597.7  | 8069.1  | 8631.1  | 9153.8  | 9758.3  | 10327.0 | 10963.3 | 11550.0 | 12150.3 |
| 30°    | 5308.4  | 5622.4  | 6051.2  | 6507.7  | 7062.0  | 7593.9  | 8205.0  | 8789.8  | 9451.8  | 10092.5 | 10768.6 |
| 32.5°  | 4205.7  | 4444.9  | 4782.0  | 5168.1  | 5679.4  | 6185.7  | 6767.7  | 7332.2  | 7984.2  | 8631.3  | 9334.5  |
| 35°    | 3340.1  | 3526.7  | 3783.7  | 4084.9  | 4518.0  | 4954.4  | 5469.2  | 5982.6  | 6590.8  | 7204.9  | 7888.4  |
| 37.5°  | 2633.9  | 2785.3  | 2986.5  | 3212.8  | 3560.2  | 3918.4  | 4340.4  | 4766.0  | 5294.5  | 5838.9  | 6458.4  |
| 40°    | 2056.8  | 2179.3  | 2336.1  | 2504.8  | 2767.1  | 3043.1  | 3369.5  | 3699.6  | 4124.1  | 4569.1  | 5081.7  |
| 42.5°  | 1615.7  | 1706.1  | 1816.8  | 1940.2  | 2184.9  | 2331.4  | 2552.7  | 2791.5  | 3103.6  | 3426.6  | 3812.0  |
| 45°    | 1297.6  | 1359.3  | 1436.0  | 1518.7  | 1632.4  | 1756.6  | 1908.2  | 2067.2  | 2363.7  | 2509.1  | 2743.5  |
| 47.5°  | 1083.6  | 1125.0  | 1173.8  | 1226.0  | 1293.0  | 1365.3  | 1455.1  | 1547.1  | 1665.9  | 1789.1  | 1933.6  |
| 50°    | 939.5   | 981.6   | 998.4   | 1025.4  | 1064.1  | 1105.5  | 1156.1  | 1206.8  | 1270.6  | 1335.2  | 1409.6  |
| 52.5°  | 832.6   | 846.2   | 864.5   | 881.7   | 905.7   | 952.7   | 967.9   | 994.4   | 1030.1  | 1065.1  | 1104.2  |
| 55°    | 750.9   | 759.8   | 771.7   | 782.0   | 796.5   | 810.5   | 830.5   | 848.1   | 872.0   | 893.0   | 918.9   |
| 57.5°  | 687.3   | 693.0   | 701.2   | 708.0   | 717.5   | 725.2   | 737.0   | 746.5   | 760.3   | 772.2   | 787.9   |
| 60°    | 641.1   | 644.9   | 650.5   | 654.9   | 660.9   | 664.9   | 670.8   | 675.2   | 682.5   | 688.6   | 697.3   |
| 62.5°  | 603.4   | 605.4   | 608.9   | 611.6   | 615.4   | 617.5   | 620.5   | 622.5   | 626.5   | 629.5   | 634.5   |
| 65°    | 558.1   | 558.5   | 561.0   | 562.1   | 565.1   | 566.2   | 568.7   | 569.6   | 572.9   | 575.1   | 579.4   |
| 67.5°  | 521.0   | 520.0   | 520.0   | 519.1   | 519.5   | 518.7   | 518.9   | 518.1   | 519.3   | 520.0   | 523.4   |
| 70°    | 487.1   | 485.7   | 485.2   | 483.7   | 483.2   | 481.6   | 481.1   | 479.7   | 479.5   | 479.1   | 480.2   |
| 72.5°  | 454.1   | 453.7   | 453.8   | 452.7   | 452.6   | 451.6   | 451.7   | 451.0   | 451.7   | 452.0   | 453.5   |
| 75°    | 416.2   | 416.3   | 417.1   | 416.1   | 416.4   | 415.4   | 415.8   | 414.9   | 415.4   | 415.2   | 416.7   |
| 77.5°  | 370.0   | 371.1   | 373.1   | 372.7   | 373.4   | 372.3   | 372.8   | 371.6   | 371.9   | 371.1   | 371.7   |
| 80°    | 318.1   | 320.3   | 323.1   | 323.0   | 324.1   | 323.4   | 324.3   | 323.3   | 323.7   | 322.3   | 322.0   |
| 82.5°  | 256.4   | 258.3   | 261.2   | 261.3   | 263.8   | 264.3   | 267.1   | 267.0   | 268.8   | 267.7   | 266.9   |
| 85°    | 175.2   | 176.6   | 179.2   | 180.5   | 183.1   | 184.7   | 187.4   | 188.5   | 186.5   | 190.2   | 187.3   |
| 87.5°  | 91.5    | 94.9    | 93.0    | 97.4    | 96.5    | 100.9   | 99.9    | 104.1   | 103.2   | 106.9   | 106.4   |
| 90°    | 39.0    | 39.8    | 42.9    | 43.8    | 47.6    | 48.8    | 50.2    | 48.6    | 50.0    | 48.5    | 49.7    |
| 92.5°  | 36.8    | 39.4    | 41.9    | 44.5    | 47.0    | 49.6    | 47.1    | 44.8    | 42.5    | 40.3    | 37.8    |
| 95°    | 50.0    | 53.6    | 57.4    | 61.1    | 64.7    | 68.5    | 64.5    | 60.6    | 56.7    | 52.7    | 48.7    |
| 97.5°  | 58.6    | 62.6    | 66.6    | 70.5    | 74.6    | 78.5    | 73.8    | 69.1    | 64.4    | 59.8    | 55.1    |
| 100°   | 82.6    | 90.4    | 98.0    | 105.7   | 113.5   | 121.1   | 112.5   | 103.7   | 95.0    | 86.2    | 77.4    |
| 102.5° | 165.7   | 183.4   | 201.1   | 218.7   | 236.2   | 253.9   | 235.4   | 216.9   | 198.2   | 179.8   | 161.2   |
| 105°   | 309.0   | 337.3   | 365.4   | 393.7   | 421.8   | 450.2   | 420.1   | 390.0   | 360.0   | 329.9   | 299.8   |
| 107.5° | 455.3   | 482.8   | 510.4   | 537.9   | 565.4   | 593.0   | 562.6   | 532.0   | 501.6   | 471.0   | 440.6   |
| 110°   | 539.4   | 555.9   | 572.5   | 589.1   | 605.7   | 622.3   | 600.0   | 577.8   | 555.6   | 533.3   | 511.0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 555.6  | 563.9 | 572.2  | 580.6 | 588.9  | 597.3 | 581.4  | 565.6 | 549.7  | 533.8 | 517.9  |
| 115°   | 521.8  | 524.3 | 527.1  | 529.8 | 532.6  | 535.2 | 524.6  | 513.9 | 503.1  | 492.5 | 481.7  |
| 117.5° | 459.2  | 458.8 | 458.3  | 458.1 | 457.5  | 457.3 | 451.4  | 445.4 | 439.4  | 433.3 | 427.4  |
| 120°   | 395.8  | 393.6 | 391.4  | 389.4 | 387.2  | 385.0 | 382.6  | 380.0 | 377.6  | 375.0 | 372.5  |
| 122.5° | 340.8  | 339.4 | 337.9  | 336.4 | 334.9  | 333.4 | 332.5  | 331.6 | 330.6  | 329.7 | 328.8  |
| 125°   | 297.4  | 297.4 | 297.4  | 297.4 | 297.4  | 297.4 | 297.0  | 296.6 | 296.1  | 295.7 | 295.2  |
| 127.5° | 268.0  | 269.1 | 270.1  | 271.2 | 272.1  | 273.2 | 273.1  | 273.1 | 273.0  | 272.9 | 272.9  |
| 130°   | 249.9  | 251.8 | 253.5  | 255.2 | 256.9  | 258.7 | 258.5  | 258.2 | 258.1  | 257.8 | 257.7  |
| 132.5° | 239.3  | 241.2 | 243.3  | 245.5 | 247.3  | 249.3 | 249.1  | 248.8 | 248.4  | 248.2 | 247.8  |
| 135°   | 232.2  | 234.1 | 235.9  | 238.0 | 239.8  | 241.6 | 241.2  | 241.0 | 240.5  | 240.2 | 239.8  |
| 137.5° | 227.4  | 229.0 | 230.4  | 232.0 | 233.5  | 235.0 | 234.6  | 234.3 | 233.7  | 233.4 | 233.0  |
| 140°   | 223.9  | 225.2 | 226.3  | 227.6 | 228.8  | 230.0 | 229.5  | 229.0 | 228.4  | 227.9 | 227.3  |
| 142.5° | 221.2  | 222.1 | 223.0  | 224.0 | 224.8  | 225.7 | 224.8  | 224.2 | 223.5  | 222.7 | 221.9  |
| 145°   | 220.0  | 220.6 | 221.2  | 221.9 | 222.2  | 222.9 | 222.0  | 221.1 | 220.1  | 219.3 | 218.5  |
| 147.5° | 217.7  | 218.0 | 218.3  | 218.8 | 218.9  | 219.3 | 218.5  | 217.6 | 216.8  | 215.9 | 214.9  |
| 150°   | 214.8  | 215.2 | 215.4  | 215.8 | 216.1  | 216.4 | 215.5  | 214.5 | 213.6  | 212.7 | 211.8  |
| 152.5° | 211.1  | 211.4 | 211.6  | 211.9 | 212.2  | 212.5 | 211.5  | 210.8 | 209.8  | 208.9 | 207.9  |
| 155°   | 208.4  | 208.7 | 208.8  | 209.1 | 209.1  | 209.3 | 208.5  | 207.9 | 207.1  | 206.4 | 205.6  |
| 157.5° | 207.0  | 207.2 | 207.4  | 207.5 | 207.7  | 207.8 | 207.3  | 206.7 | 206.1  | 205.5 | 204.9  |
| 160°   | 206.2  | 206.3 | 206.5  | 206.6 | 206.8  | 206.9 | 206.3  | 206.0 | 205.5  | 205.0 | 204.4  |
| 162.5° | 206.4  | 206.6 | 206.8  | 207.0 | 207.3  | 207.5 | 207.0  | 206.4 | 205.9  | 205.3 | 204.6  |
| 165°   | 206.5  | 206.7 | 206.9  | 207.1 | 207.1  | 207.3 | 206.8  | 206.6 | 206.1  | 205.7 | 205.3  |
| 167.5° | 207.7  | 207.9 | 207.9  | 208.1 | 208.2  | 208.3 | 207.9  | 207.7 | 207.2  | 206.9 | 206.4  |
| 170°   | 208.2  | 208.3 | 208.6  | 208.8 | 209.0  | 209.1 | 208.8  | 208.6 | 208.2  | 207.9 | 207.7  |
| 172.5° | 209.6  | 209.7 | 209.8  | 210.0 | 210.1  | 210.4 | 210.0  | 209.7 | 209.4  | 209.0 | 208.7  |
| 175°   | 209.3  | 209.4 | 209.5  | 209.5 | 209.5  | 209.6 | 209.3  | 209.0 | 208.8  | 208.5 | 208.2  |
| 177.5° | 210.0  | 210.0 | 210.0  | 210.0 | 210.0  | 210.0 | 209.8  | 209.6 | 209.4  | 209.2 | 209.0  |
| 180°   | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°    | 352.5°  | 355°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 | 15540.7 |
| 2.5°   | 15638.4 | 15631.6 | 15627.3 | 15621.7 | 15618.2 | 15613.9 | 15610.8 | 15608.0 | 15605.9 | 15603.8 | 15602.3 |
| 5°     | 15858.3 | 15823.3 | 15796.2 | 15766.8 | 15742.7 | 15718.6 | 15700.1 | 15684.7 | 15674.1 | 15666.2 | 15661.4 |
| 7.5°   | 16138.2 | 16074.3 | 16017.3 | 15957.5 | 15903.8 | 15850.9 | 15805.5 | 15766.3 | 15736.8 | 15717.7 | 15706.1 |
| 10°    | 16388.3 | 16302.7 | 16217.9 | 16128.7 | 16044.2 | 15962.2 | 15886.5 | 15819.9 | 15767.2 | 15732.2 | 15711.7 |
| 12.5°  | 16500.4 | 16427.4 | 16340.9 | 16244.0 | 16140.4 | 16035.6 | 15933.4 | 15841.3 | 15764.0 | 15712.0 | 15682.1 |
| 15°    | 16401.7 | 16371.7 | 16313.0 | 16237.8 | 16139.5 | 16031.2 | 15911.1 | 15798.4 | 15694.6 | 15627.4 | 15588.4 |
| 17.5°  | 16080.6 | 16122.3 | 16117.9 | 16089.1 | 16018.5 | 15927.3 | 15805.0 | 15678.3 | 15548.6 | 15458.6 | 15409.5 |
| 20°    | 15538.7 | 15670.1 | 15736.8 | 15771.1 | 15743.3 | 15684.1 | 15573.4 | 15444.9 | 15293.6 | 15176.2 | 15104.6 |
| 22.5°  | 14777.2 | 15009.3 | 15153.9 | 15259.7 | 15282.2 | 15262.0 | 15164.2 | 15042.0 | 14873.4 | 14732.3 | 14626.5 |
| 25°    | 13796.9 | 14137.0 | 14365.4 | 14544.6 | 14614.2 | 14632.2 | 14549.0 | 14427.4 | 14239.5 | 14075.2 | 13929.8 |
| 27.5°  | 12642.3 | 13084.0 | 13389.2 | 13630.0 | 13738.6 | 13785.8 | 13709.2 | 13585.1 | 13362.8 | 13166.6 | 12976.8 |
| 30°    | 11342.5 | 11866.5 | 12234.0 | 12522.6 | 12655.1 | 12717.4 | 12636.0 | 12497.5 | 12238.9 | 12002.7 | 11763.6 |
| 32.5°  | 9951.2  | 10524.7 | 10925.0 | 11238.5 | 11369.8 | 11428.3 | 11321.9 | 11166.4 | 10867.4 | 10589.3 | 10310.4 |
| 35°    | 8494.4  | 9073.4  | 9477.1  | 9782.3  | 9892.2  | 9927.6  | 9791.5  | 9611.8  | 9280.5  | 8975.2  | 8671.1  |
| 37.5°  | 7008.2  | 7546.7  | 7913.7  | 8187.6  | 8255.7  | 8261.7  | 8097.8  | 7899.3  | 7551.1  | 7250.0  | 6947.3  |
| 40°    | 5534.6  | 5988.9  | 6285.1  | 6504.4  | 6528.0  | 6506.9  | 6328.7  | 6128.9  | 5803.1  | 5533.4  | 5267.7  |
| 42.5°  | 4146.7  | 4489.6  | 4701.0  | 4851.2  | 4842.2  | 4800.6  | 4637.2  | 4465.4  | 4196.7  | 3991.3  | 3782.2  |
| 45°    | 2957.6  | 3183.8  | 3307.3  | 3395.2  | 3367.0  | 3327.3  | 3200.2  | 3079.7  | 2897.1  | 2764.4  | 2623.9  |
| 47.5°  | 2054.7  | 2324.7  | 2277.7  | 2449.5  | 2301.5  | 2399.3  | 2195.6  | 2083.3  | 1986.5  | 1915.9  | 1836.5  |
| 50°    | 1471.0  | 1532.8  | 1562.7  | 1583.1  | 1572.3  | 1557.3  | 1520.7  | 1488.0  | 1443.7  | 1411.4  | 1373.8  |
| 52.5°  | 1136.0  | 1166.9  | 1183.8  | 1196.1  | 1193.8  | 1188.3  | 1172.3  | 1157.7  | 1137.0  | 1123.3  | 1106.8  |
| 55°    | 962.2   | 962.7   | 993.9   | 980.5   | 1000.3  | 977.1   | 986.2   | 960.6   | 964.7   | 942.7   | 928.0   |
| 57.5°  | 799.6   | 812.2   | 817.9   | 823.5   | 822.0   | 821.0   | 814.8   | 811.7   | 804.7   | 802.6   | 797.6   |
| 60°    | 703.4   | 710.0   | 711.4   | 713.9   | 711.8   | 711.0   | 706.2   | 704.4   | 699.8   | 698.9   | 695.6   |
| 62.5°  | 637.4   | 640.7   | 640.7   | 640.7   | 638.0   | 635.3   | 629.9   | 627.2   | 623.2   | 622.4   | 620.4   |
| 65°    | 582.3   | 585.8   | 586.4   | 587.1   | 585.1   | 583.1   | 578.4   | 575.2   | 571.2   | 569.6   | 567.5   |
| 67.5°  | 525.4   | 529.2   | 530.4   | 532.4   | 531.2   | 530.8   | 527.6   | 526.4   | 523.7   | 523.1   | 521.0   |
| 70°    | 480.8   | 482.4   | 482.3   | 482.2   | 479.6   | 477.4   | 473.7   | 471.9   | 469.0   | 468.4   | 466.7   |
| 72.5°  | 454.3   | 455.4   | 454.7   | 453.7   | 450.4   | 447.0   | 442.7   | 439.5   | 435.7   | 433.5   | 430.8   |
| 75°    | 416.9   | 418.4   | 417.4   | 416.8   | 413.8   | 411.7   | 408.1   | 406.4   | 403.7   | 403.0   | 401.3   |
| 77.5°  | 371.0   | 371.7   | 370.1   | 370.0   | 367.8   | 366.4   | 363.7   | 363.2   | 361.4   | 361.4   | 359.7   |
| 80°    | 319.9   | 319.4   | 317.1   | 316.6   | 314.3   | 313.7   | 311.7   | 311.9   | 310.3   | 311.0   | 309.7   |
| 82.5°  | 263.3   | 261.8   | 258.6   | 257.7   | 255.1   | 254.9   | 253.5   | 254.6   | 253.7   | 255.1   | 254.3   |
| 85°    | 188.6   | 189.0   | 187.6   | 187.6   | 186.9   | 187.1   | 187.0   | 187.9   | 188.0   | 189.3   | 189.2   |
| 87.5°  | 105.2   | 106.7   | 106.4   | 107.8   | 107.7   | 109.2   | 109.8   | 112.1   | 112.4   | 114.5   | 114.5   |
| 90°    | 48.3    | 49.8    | 48.3    | 49.9    | 49.3    | 51.3    | 51.1    | 53.0    | 52.7    | 54.2    | 53.3    |
| 92.5°  | 35.5    | 33.2    | 30.9    | 28.5    | 27.3    | 26.0    | 25.0    | 23.7    | 22.6    | 21.3    | 20.1    |
| 95°    | 44.7    | 40.8    | 36.7    | 32.8    | 31.4    | 30.0    | 28.7    | 27.3    | 25.9    | 24.6    | 23.3    |
| 97.5°  | 50.4    | 45.8    | 41.1    | 36.3    | 35.2    | 34.0    | 32.7    | 31.5    | 30.4    | 29.2    | 28.0    |
| 100°   | 68.7    | 59.9    | 51.3    | 42.4    | 41.5    | 40.5    | 39.5    | 38.5    | 37.4    | 36.4    | 35.5    |
| 102.5° | 142.7   | 124.1   | 105.5   | 86.9    | 83.4    | 79.9    | 76.4    | 72.8    | 69.3    | 65.7    | 62.3    |
| 105°   | 269.7   | 239.7   | 209.5   | 179.4   | 169.8   | 160.2   | 150.7   | 141.2   | 131.5   | 122.0   | 112.5   |
| 107.5° | 409.9   | 379.4   | 348.8   | 318.3   | 300.7   | 283.0   | 265.3   | 247.5   | 230.0   | 212.2   | 194.5   |
| 110°   | 488.8   | 466.5   | 444.2   | 421.8   | 407.6   | 393.4   | 379.2   | 364.9   | 350.7   | 336.3   | 322.1   |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 501.9 | 486.0  | 470.0 | 454.0  | 447.6 | 441.1  | 434.8 | 428.3  | 421.8 | 415.2  | 408.8 |
| 115°   | 471.0 | 460.2  | 449.4 | 438.5  | 436.3 | 434.1  | 431.9 | 429.6  | 427.3 | 424.9  | 422.7 |
| 117.5° | 421.3 | 415.3  | 409.1 | 403.1  | 403.5 | 404.0  | 404.3 | 404.7  | 405.0 | 405.3  | 405.6 |
| 120°   | 369.8 | 367.4  | 364.8 | 362.2  | 364.2 | 366.2  | 368.2 | 370.0  | 372.0 | 373.8  | 375.6 |
| 122.5° | 327.8 | 326.7  | 325.8 | 324.7  | 327.2 | 329.6  | 331.9 | 334.3  | 336.5 | 338.7  | 340.9 |
| 125°   | 294.8 | 294.2  | 293.8 | 293.2  | 295.8 | 298.1  | 300.5 | 302.8  | 305.1 | 307.3  | 309.5 |
| 127.5° | 272.8 | 272.6  | 272.6 | 272.4  | 274.3 | 275.8  | 277.6 | 279.2  | 280.8 | 282.3  | 283.8 |
| 130°   | 257.4 | 257.1  | 256.9 | 256.7  | 258.2 | 259.8  | 261.5 | 262.9  | 264.2 | 265.5  | 266.9 |
| 132.5° | 247.6 | 247.2  | 246.9 | 246.7  | 247.8 | 248.9  | 250.1 | 251.0  | 252.1 | 252.8  | 253.7 |
| 135°   | 239.5 | 238.9  | 238.6 | 238.1  | 239.3 | 240.4  | 241.3 | 242.2  | 243.2 | 243.9  | 244.7 |
| 137.5° | 232.7 | 232.1  | 231.7 | 231.3  | 232.3 | 233.3  | 234.2 | 235.0  | 235.7 | 236.5  | 237.1 |
| 140°   | 226.8 | 226.1  | 225.7 | 225.1  | 226.0 | 226.8  | 227.7 | 228.4  | 229.2 | 229.7  | 230.3 |
| 142.5° | 221.1 | 220.3  | 219.7 | 218.9  | 219.5 | 220.0  | 220.6 | 221.2  | 221.7 | 222.2  | 222.6 |
| 145°   | 217.6 | 216.6  | 215.7 | 214.7  | 215.3 | 215.8  | 216.2 | 216.7  | 217.0 | 217.3  | 217.6 |
| 147.5° | 214.1 | 213.2  | 212.3 | 211.4  | 211.9 | 212.2  | 212.5 | 212.8  | 213.1 | 213.3  | 213.4 |
| 150°   | 210.8 | 209.8  | 208.8 | 207.9  | 208.1 | 208.4  | 208.7 | 209.0  | 209.1 | 209.3  | 209.5 |
| 152.5° | 207.1 | 206.1  | 205.2 | 204.2  | 204.4 | 204.6  | 204.8 | 205.0  | 205.1 | 205.2  | 205.4 |
| 155°   | 204.9 | 204.0  | 203.2 | 202.3  | 202.6 | 202.7  | 202.8 | 203.0  | 203.0 | 203.1  | 203.1 |
| 157.5° | 204.2 | 203.5  | 202.9 | 202.3  | 202.3 | 202.3  | 202.3 | 202.3  | 202.2 | 202.2  | 202.1 |
| 160°   | 203.9 | 203.3  | 202.8 | 202.2  | 202.2 | 202.2  | 202.2 | 202.1  | 202.1 | 201.9  | 201.9 |
| 162.5° | 204.0 | 203.4  | 202.7 | 202.1  | 202.1 | 202.1  | 202.1 | 202.0  | 201.9 | 201.7  | 201.6 |
| 165°   | 204.8 | 204.3  | 203.9 | 203.3  | 203.2 | 203.1  | 203.0 | 202.8  | 202.7 | 202.4  | 202.3 |
| 167.5° | 206.0 | 205.5  | 205.0 | 204.4  | 204.4 | 204.5  | 204.5 | 204.4  | 204.3 | 204.1  | 204.1 |
| 170°   | 207.3 | 206.8  | 206.5 | 206.0  | 205.9 | 205.9  | 205.7 | 205.6  | 205.5 | 205.3  | 205.2 |
| 172.5° | 208.2 | 207.9  | 207.6 | 207.0  | 207.0 | 207.0  | 206.9 | 206.8  | 206.6 | 206.5  | 206.5 |
| 175°   | 207.9 | 207.7  | 207.3 | 207.0  | 206.9 | 206.9  | 206.8 | 206.8  | 206.7 | 206.6  | 206.5 |
| 177.5° | 208.8 | 208.6  | 208.3 | 208.1  | 208.1 | 208.1  | 208.0 | 207.9  | 207.9 | 207.9  | 207.9 |
| 180°   | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 | 208.9  | 208.9 |



TEST NUMBER: P1444579  
 CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 357.5°  | 360°    |
|--------|---------|---------|
| 0°     | 15540.7 | 15540.7 |
| 2.5°   | 15600.9 | 15600.2 |
| 5°     | 15659.0 | 15658.0 |
| 7.5°   | 15703.1 | 15702.8 |
| 10°    | 15708.3 | 15711.0 |
| 12.5°  | 15677.0 | 15679.1 |
| 15°    | 15585.4 | 15589.6 |
| 17.5°  | 15410.4 | 15416.0 |
| 20°    | 15109.0 | 15114.8 |
| 22.5°  | 14620.8 | 14623.2 |
| 25°    | 13911.0 | 13900.9 |
| 27.5°  | 12943.4 | 12926.1 |
| 30°    | 11713.4 | 11696.6 |
| 32.5°  | 10246.7 | 10236.3 |
| 35°    | 8595.9  | 8589.2  |
| 37.5°  | 6857.9  | 6844.3  |
| 40°    | 5170.5  | 5131.2  |
| 42.5°  | 3690.6  | 3621.7  |
| 45°    | 2550.5  | 2468.8  |
| 47.5°  | 1780.5  | 1730.0  |
| 50°    | 1349.6  | 1333.2  |
| 52.5°  | 1099.7  | 1095.8  |
| 55°    | 927.9   | 926.2   |
| 57.5°  | 798.8   | 798.2   |
| 60°    | 697.3   | 697.1   |
| 62.5°  | 621.7   | 622.0   |
| 65°    | 568.4   | 568.5   |
| 67.5°  | 521.5   | 521.2   |
| 70°    | 467.4   | 467.0   |
| 72.5°  | 430.0   | 429.4   |
| 75°    | 401.3   | 400.8   |
| 77.5°  | 360.2   | 359.6   |
| 80°    | 310.6   | 309.7   |
| 82.5°  | 255.4   | 254.5   |
| 85°    | 190.6   | 190.6   |
| 87.5°  | 116.6   | 116.5   |
| 90°    | 54.8    | 53.6    |
| 92.5°  | 19.1    | 18.0    |
| 95°    | 21.9    | 20.5    |
| 97.5°  | 26.8    | 25.6    |
| 100°   | 34.5    | 33.5    |
| 102.5° | 58.7    | 55.2    |
| 105°   | 102.8   | 93.3    |
| 107.5° | 176.8   | 159.1   |
| 110°   | 307.8   | 293.6   |



TEST NUMBER: P1444579  
CATALOG NUMBER: EHBR1-18-UNV-TA-L850-UPL15

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 112.5° | 402.2  | 395.8 |
| 115°   | 420.2  | 417.9 |
| 117.5° | 405.8  | 406.1 |
| 120°   | 377.3  | 379.1 |
| 122.5° | 342.9  | 345.1 |
| 125°   | 311.6  | 313.6 |
| 127.5° | 285.1  | 286.4 |
| 130°   | 267.9  | 269.1 |
| 132.5° | 254.4  | 255.0 |
| 135°   | 245.3  | 245.9 |
| 137.5° | 237.7  | 238.1 |
| 140°   | 230.6  | 231.1 |
| 142.5° | 222.8  | 223.1 |
| 145°   | 217.8  | 218.0 |
| 147.5° | 213.4  | 213.5 |
| 150°   | 209.5  | 209.6 |
| 152.5° | 205.3  | 205.4 |
| 155°   | 203.1  | 203.1 |
| 157.5° | 201.9  | 201.8 |
| 160°   | 201.7  | 201.6 |
| 162.5° | 201.4  | 201.4 |
| 165°   | 202.1  | 201.8 |
| 167.5° | 203.9  | 203.9 |
| 170°   | 205.0  | 204.9 |
| 172.5° | 206.3  | 206.2 |
| 175°   | 206.4  | 206.4 |
| 177.5° | 207.9  | 207.8 |
| 180°   | 208.9  | 208.9 |

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

Data in this report applies to families of products including EHBR-60-L850-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 08/05/2025  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Metalux  
 Catalog Number: **EHBR-60-L850-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 4875  
 CIE u': 0.2124  
 CIE v': 0.4871  
 Duv: 0.0005  
 CIE x: 0.3488  
 CIE y: 0.3555  
 CIE z: 0.2957  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 573  
 Purity: 11.33556  
 Rf: 80  
 Rg: 102.3

|           |      |      |      |
|-----------|------|------|------|
| CRI (Ra): | 82.3 |      |      |
| R1:       | 85.0 | R9:  | 43.9 |
| R2:       | 83.1 | R10: | 57.4 |
| R3:       | 78.8 | R11: | 83.1 |
| R4:       | 84.0 | R12: | 51.0 |
| R5:       | 83.0 | R13: | 83.4 |
| R6:       | 76.3 | R14: | 87.4 |
| R7:       | 86.8 | R15: | 83.4 |
| R8:       | 81.7 |      |      |



**Test Conditions**

Stabilization Time: 39M  
 Operation Time: 1H 39M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-4

| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | 76INCH SPHERE IN0058  | 6/16/2025        | 12/16/2025           |
| Power Meter                    | XITRON INXT2011004    | 1/21/2025        | 1/21/2026            |
| AC Power Source                | CHROMA 61603 IN0063   | 10/22/2024       | 10/22/2025           |
| DC Power Source                | AGILENT E3634A IN0208 | 10/22/2024       | 10/22/2025           |
| Sphere Thermometer             | ONSET IN0085          | 10/22/2024       | 10/22/2025           |
| Room Thermometer               | ONSET IN0046          | 10/22/2024       | 10/22/2025           |

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**

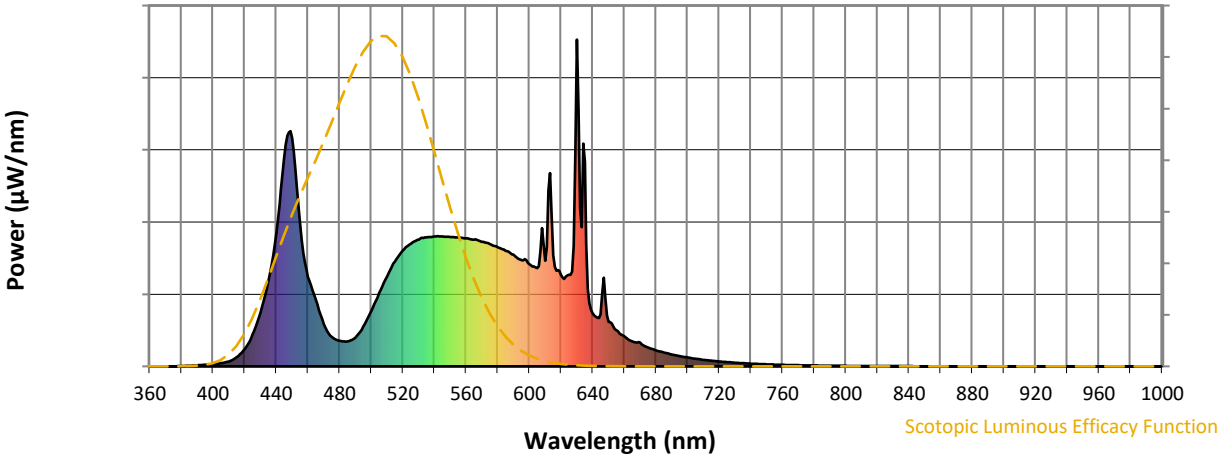


**Photopic Lumens: NR**

| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 89                       | NR            | 620    | 280                      | NR            | 750    | 6                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 121                      | NR            | 625    | 280                      | NR            | 755    | 5                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 168                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 224                      | NR            | 635    | 626                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 1                        | NR            | 510    | 275                      | NR            | 640    | 163                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 2                        | NR            | 515    | 321                      | NR            | 645    | 160                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 3                        | NR            | 520    | 354                      | NR            | 650    | 136                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 5                        | NR            | 525    | 375                      | NR            | 655    | 111                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 7                        | NR            | 530    | 388                      | NR            | 660    | 93                       | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 10                       | NR            | 535    | 395                      | NR            | 665    | 76                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 15                       | NR            | 540    | 397                      | NR            | 670    | 72                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 28                       | NR            | 545    | 398                      | NR            | 675    | 57                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 53                       | NR            | 550    | 396                      | NR            | 680    | 49                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 97                       | NR            | 555    | 395                      | NR            | 685    | 42                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 163                      | NR            | 560    | 392                      | NR            | 690    | 37                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 261                      | NR            | 565    | 388                      | NR            | 695    | 32                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 409                      | NR            | 570    | 381                      | NR            | 700    | 27                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 637                      | NR            | 575    | 374                      | NR            | 705    | 23                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 699                      | NR            | 580    | 365                      | NR            | 710    | 20                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 436                      | NR            | 585    | 354                      | NR            | 715    | 17                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 274                      | NR            | 590    | 342                      | NR            | 720    | 15                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 205                      | NR            | 595    | 325                      | NR            | 725    | 13                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 130                      | NR            | 600    | 313                      | NR            | 730    | 11                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 90                       | NR            | 605    | 301                      | NR            | 735    | 10                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 78                       | NR            | 610    | 323                      | NR            | 740    | 8                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 77                       | NR            | 615    | 340                      | NR            | 745    | 7                        | NR            | 875    | 0                        | NR            |        |                          |               |

REPORT NUMBER: SP1-2506-472-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR S/P: 1.82

| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 89                       | NR            | 620    | 280                      | NR            | 750    | 6                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 121                      | NR            | 625    | 280                      | NR            | 755    | 5                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 168                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 224                      | NR            | 635    | 626                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 1                        | NR            | 510    | 275                      | NR            | 640    | 163                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 2                        | NR            | 515    | 321                      | NR            | 645    | 160                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 3                        | NR            | 520    | 354                      | NR            | 650    | 136                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 5                        | NR            | 525    | 375                      | NR            | 655    | 111                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 7                        | NR            | 530    | 388                      | NR            | 660    | 93                       | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 10                       | NR            | 535    | 395                      | NR            | 665    | 76                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 15                       | NR            | 540    | 397                      | NR            | 670    | 72                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 28                       | NR            | 545    | 398                      | NR            | 675    | 57                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 53                       | NR            | 550    | 396                      | NR            | 680    | 49                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 97                       | NR            | 555    | 395                      | NR            | 685    | 42                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 163                      | NR            | 560    | 392                      | NR            | 690    | 37                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 261                      | NR            | 565    | 388                      | NR            | 695    | 32                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 409                      | NR            | 570    | 381                      | NR            | 700    | 27                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 637                      | NR            | 575    | 374                      | NR            | 705    | 23                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 699                      | NR            | 580    | 365                      | NR            | 710    | 20                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 436                      | NR            | 585    | 354                      | NR            | 715    | 17                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 274                      | NR            | 590    | 342                      | NR            | 720    | 15                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 205                      | NR            | 595    | 325                      | NR            | 725    | 13                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 130                      | NR            | 600    | 313                      | NR            | 730    | 11                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 90                       | NR            | 605    | 301                      | NR            | 735    | 10                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 78                       | NR            | 610    | 323                      | NR            | 740    | 8                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 77                       | NR            | 615    | 340                      | NR            | 745    | 7                        | NR            | 875    | 0                        | NR            |        |                          |               |

REPORT NUMBER: SP1-2506-472-4

**Melanopic Flux vs. Wavelength**



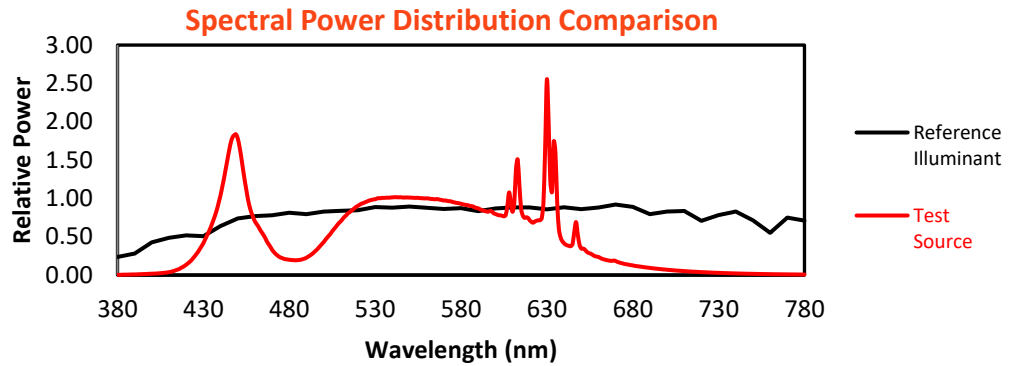
**Melanopic Lumens: NR**

**M/P: 3.71**

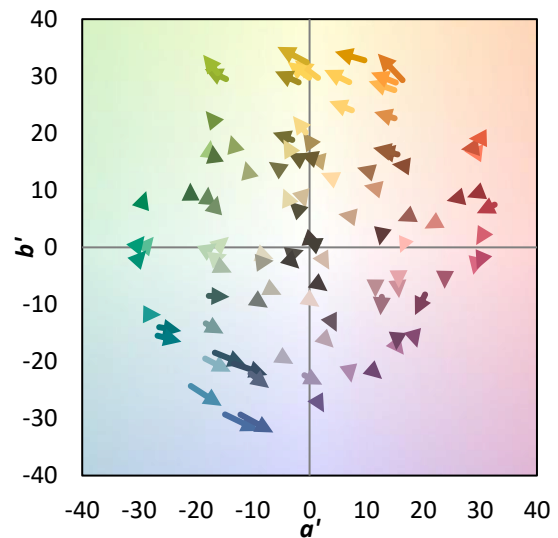
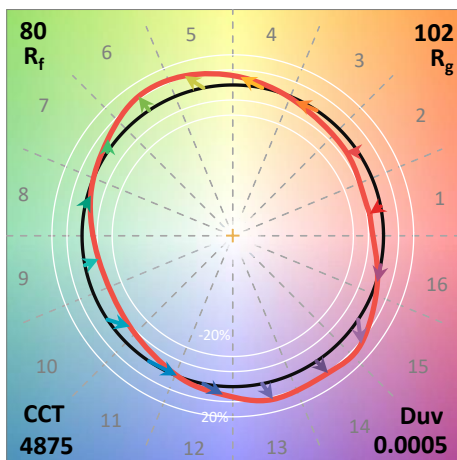
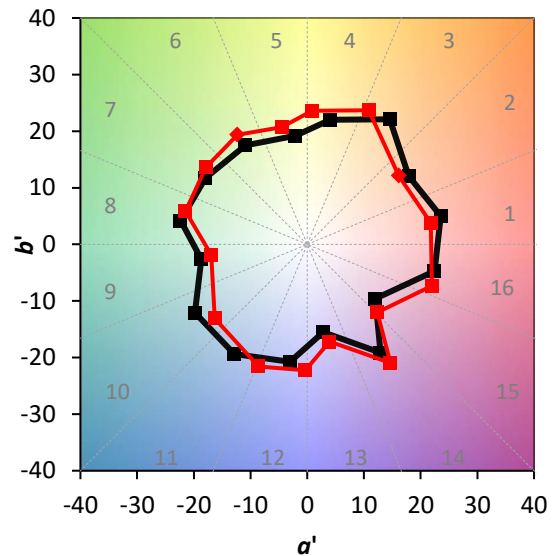
| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 89                       | NR            | 620    | 280                      | NR            | 750    | 6                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 121                      | NR            | 625    | 280                      | NR            | 755    | 5                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 168                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 224                      | NR            | 635    | 626                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 1                        | NR            | 510    | 275                      | NR            | 640    | 163                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 2                        | NR            | 515    | 321                      | NR            | 645    | 160                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 3                        | NR            | 520    | 354                      | NR            | 650    | 136                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 5                        | NR            | 525    | 375                      | NR            | 655    | 111                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 7                        | NR            | 530    | 388                      | NR            | 660    | 93                       | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 10                       | NR            | 535    | 395                      | NR            | 665    | 76                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 15                       | NR            | 540    | 397                      | NR            | 670    | 72                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 28                       | NR            | 545    | 398                      | NR            | 675    | 57                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 53                       | NR            | 550    | 396                      | NR            | 680    | 49                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 97                       | NR            | 555    | 395                      | NR            | 685    | 42                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 163                      | NR            | 560    | 392                      | NR            | 690    | 37                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 261                      | NR            | 565    | 388                      | NR            | 695    | 32                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 409                      | NR            | 570    | 381                      | NR            | 700    | 27                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 637                      | NR            | 575    | 374                      | NR            | 705    | 23                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 699                      | NR            | 580    | 365                      | NR            | 710    | 20                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 436                      | NR            | 585    | 354                      | NR            | 715    | 17                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 274                      | NR            | 590    | 342                      | NR            | 720    | 15                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 205                      | NR            | 595    | 325                      | NR            | 725    | 13                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 130                      | NR            | 600    | 313                      | NR            | 730    | 11                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 90                       | NR            | 605    | 301                      | NR            | 735    | 10                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 78                       | NR            | 610    | 323                      | NR            | 740    | 8                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 77                       | NR            | 615    | 340                      | NR            | 745    | 7                        | NR            | 875    | 0                        | NR            |        |                          |               |

**Summary**

$R_f = 80$   
 $R_g = 102.3$   
 $CIE R_a = 82.3$   
 $R_9 = 43.9$

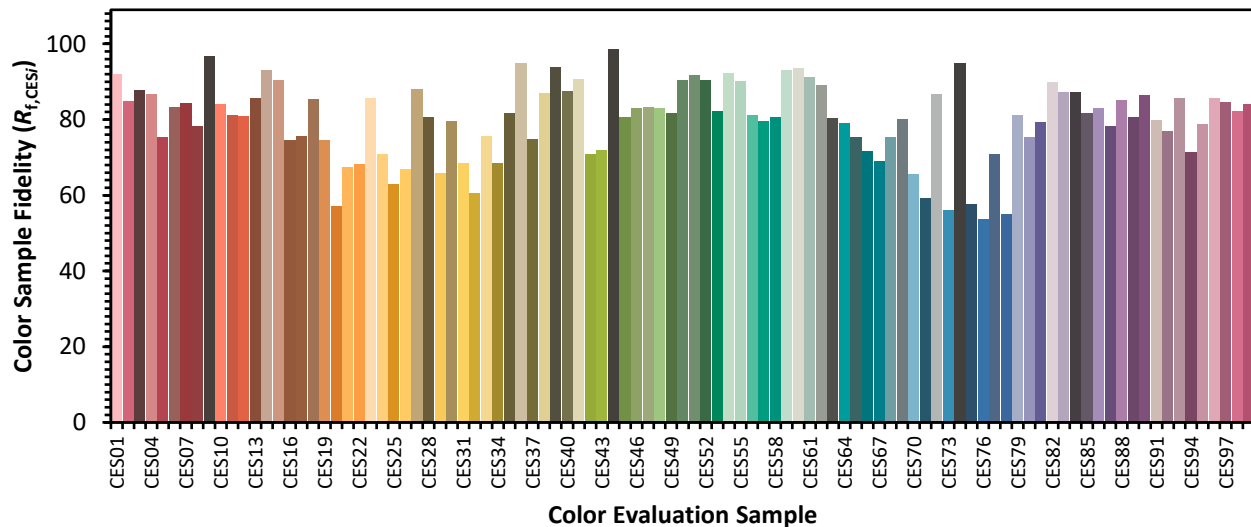


**Color Vector Graphics**

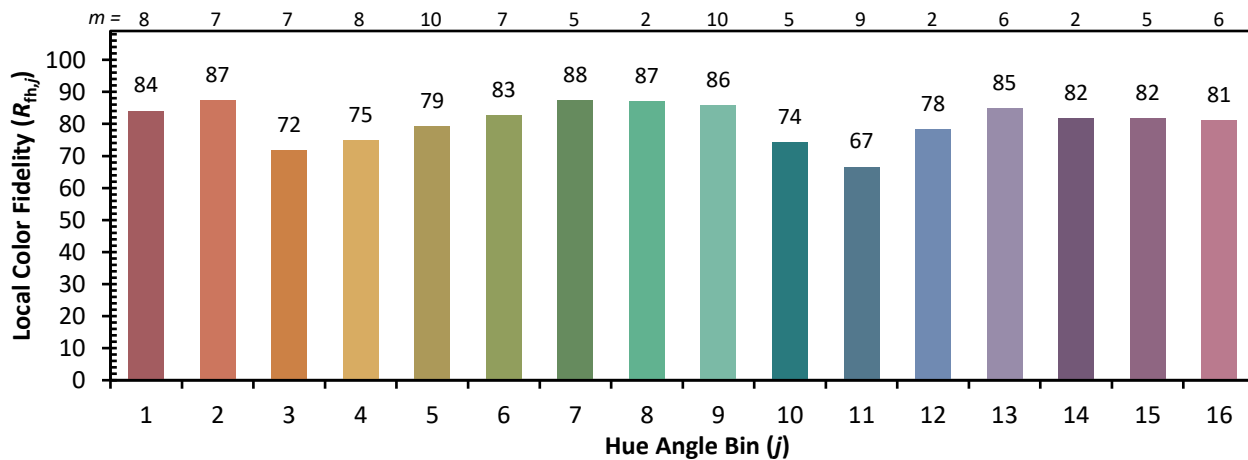
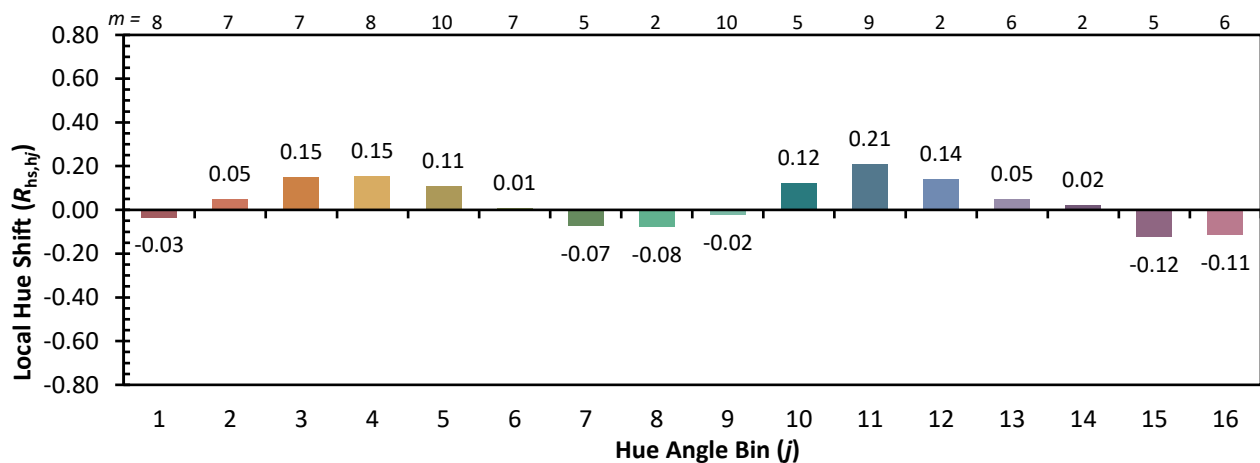
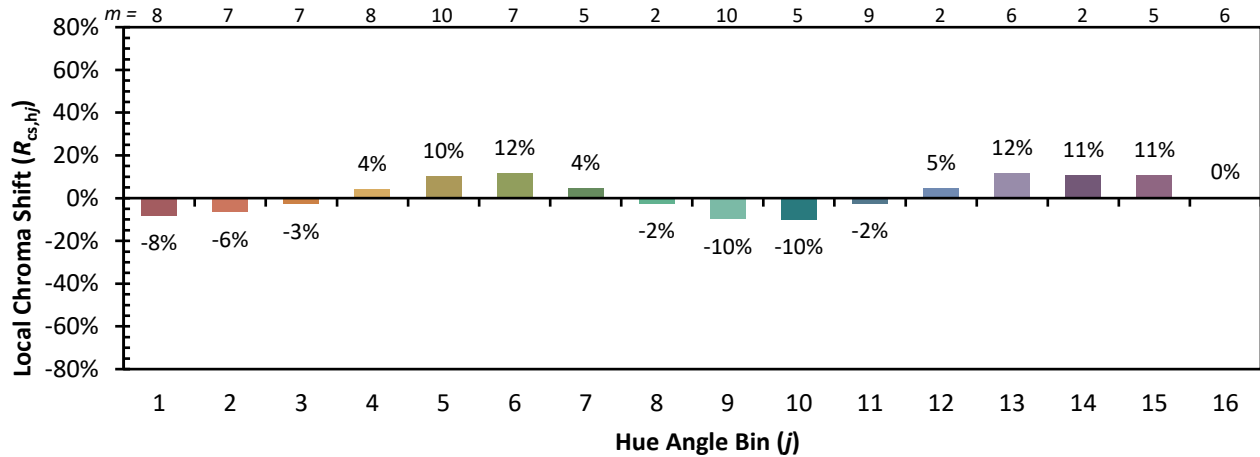


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 67 | CES51 = 92 | CES76 = 54 |
| CES02 = 60 | CES27 = 88 | CES52 = 91 | CES77 = 71 |
| CES03 = 31 | CES28 = 81 | CES53 = 82 | CES78 = 55 |
| CES04 = 69 | CES29 = 66 | CES54 = 92 | CES79 = 81 |
| CES05 = 47 | CES30 = 80 | CES55 = 90 | CES80 = 75 |
| CES06 = 50 | CES31 = 69 | CES56 = 81 | CES81 = 79 |
| CES07 = 40 | CES32 = 61 | CES57 = 80 | CES82 = 90 |
| CES08 = 39 | CES33 = 76 | CES58 = 81 | CES83 = 87 |
| CES09 = 29 | CES34 = 68 | CES59 = 93 | CES84 = 87 |
| CES10 = 73 | CES35 = 82 | CES60 = 94 | CES85 = 82 |
| CES11 = 56 | CES36 = 95 | CES61 = 91 | CES86 = 83 |
| CES12 = 62 | CES37 = 75 | CES62 = 89 | CES87 = 78 |
| CES13 = 42 | CES38 = 87 | CES63 = 80 | CES88 = 85 |
| CES14 = 74 | CES39 = 94 | CES64 = 79 | CES89 = 81 |
| CES15 = 71 | CES40 = 87 | CES65 = 75 | CES90 = 86 |
| CES16 = 46 | CES41 = 91 | CES66 = 72 | CES91 = 80 |
| CES17 = 48 | CES42 = 71 | CES67 = 69 | CES92 = 77 |
| CES18 = 56 | CES43 = 72 | CES68 = 75 | CES93 = 86 |
| CES19 = 70 | CES44 = 99 | CES69 = 80 | CES94 = 71 |
| CES20 = 65 | CES45 = 81 | CES70 = 66 | CES95 = 79 |
| CES21 = 85 | CES46 = 83 | CES71 = 59 | CES96 = 86 |
| CES22 = 77 | CES47 = 83 | CES72 = 87 | CES97 = 85 |
| CES23 = 91 | CES48 = 83 | CES73 = 56 | CES98 = 82 |
| CES24 = 90 | CES49 = 82 | CES74 = 95 | CES99 = 84 |
| CES25 = 71 | CES50 = 91 | CES75 = 58 |            |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)