

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: P1444552

Luminaire Tested: EHBR1-48-UNV-TA-L835-UPL40

Issue Date: 5/1/2026

**Test Information**

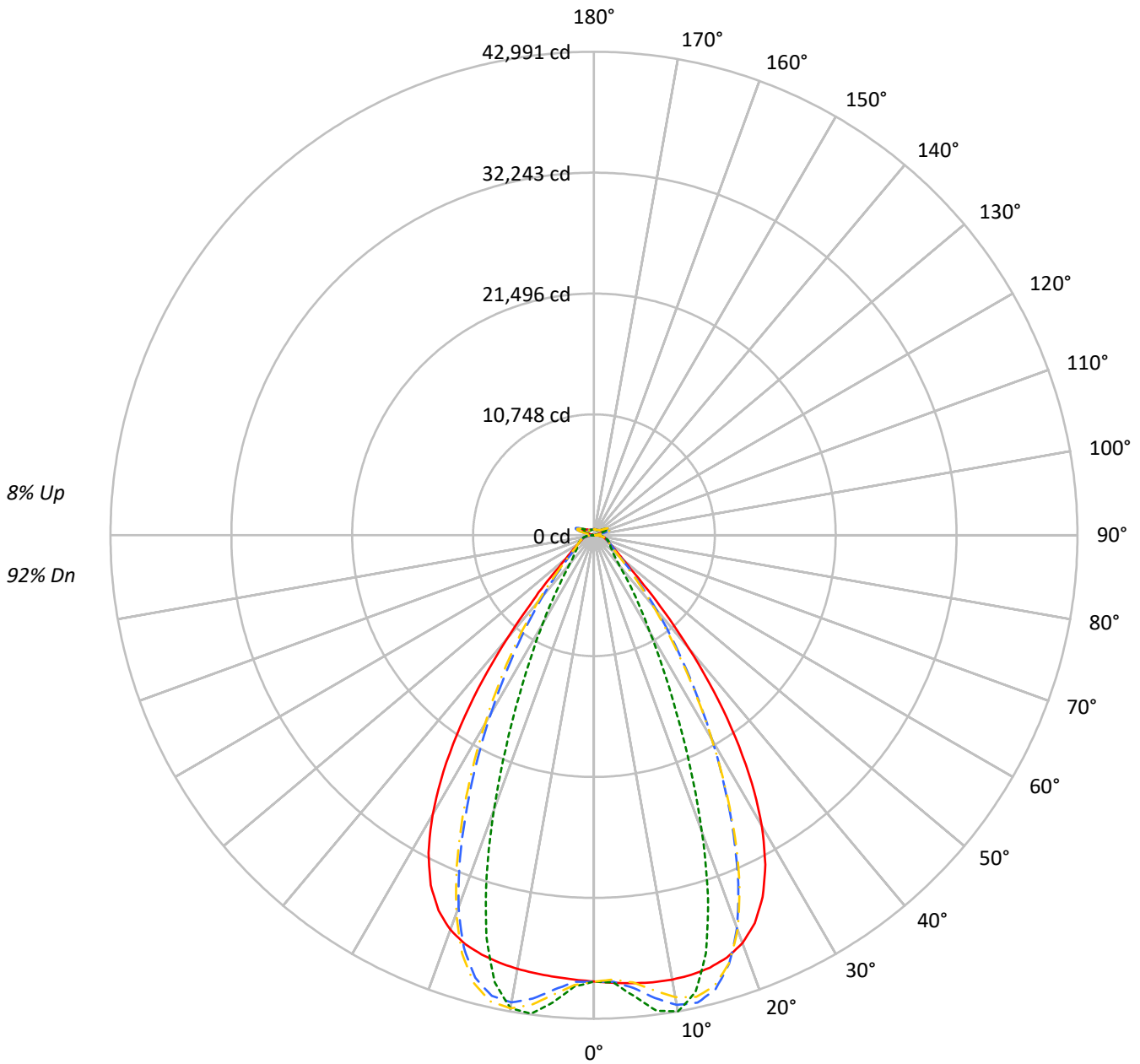
Test Method: LM-79-2019  
Report Number: P1444552  
REPORT IS A COMBINATION OF REPORTS P1444360 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-48-UNV-TA-L835-UPL40  
Description: Elevate Round Highbay at, 48000 lumens, 3500K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 49705.6 lumens  
Efficiency: N/A  
Efficacy: 171.9 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): 289.2  
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: P1444552  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

### 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 |    |    |    | 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 | 103 | 101 | 98  | 98  | 96  | 94  | 93  | 91  | 89  | 88 | 87 | 85 | 85 | 85 | 85 | 83 |
| 2   | 103 | 97  | 92  | 88  | 100 | 95  | 90  | 87  | 90  | 86  | 83  | 86  | 83  | 80  | 82 | 80 | 78 | 78 | 78 | 78 | 75 |
| 3   | 97  | 89  | 83  | 79  | 94  | 87  | 82  | 77  | 83  | 79  | 75  | 80  | 76  | 73  | 76 | 73 | 71 | 71 | 71 | 71 | 69 |
| 4   | 91  | 82  | 76  | 71  | 88  | 80  | 74  | 70  | 77  | 72  | 68  | 74  | 70  | 66  | 71 | 68 | 65 | 65 | 65 | 65 | 63 |
| 5   | 86  | 76  | 69  | 64  | 83  | 75  | 68  | 64  | 72  | 66  | 62  | 69  | 65  | 61  | 67 | 63 | 60 | 60 | 60 | 60 | 58 |
| 6   | 81  | 71  | 64  | 59  | 79  | 69  | 63  | 58  | 67  | 61  | 57  | 65  | 60  | 56  | 63 | 58 | 55 | 55 | 55 | 55 | 54 |
| 7   | 76  | 66  | 59  | 54  | 74  | 65  | 58  | 54  | 63  | 57  | 53  | 61  | 56  | 52  | 59 | 55 | 51 | 51 | 51 | 51 | 50 |
| 8   | 72  | 62  | 55  | 50  | 70  | 61  | 54  | 50  | 59  | 53  | 49  | 57  | 52  | 49  | 55 | 51 | 48 | 48 | 48 | 48 | 46 |
| 9   | 68  | 58  | 51  | 47  | 67  | 57  | 51  | 47  | 55  | 50  | 46  | 54  | 49  | 45  | 52 | 48 | 45 | 45 | 45 | 45 | 43 |
| 10  | 65  | 54  | 48  | 44  | 63  | 54  | 48  | 43  | 52  | 47  | 43  | 51  | 46  | 42  | 50 | 45 | 42 | 42 | 42 | 42 | 40 |

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

|     | 0°     | 90°    | 180°   | 270°   |
|-----|--------|--------|--------|--------|
| 0°  | 186360 | 186360 | 186360 | 186360 |
| 5°  | 187263 | 192723 | 184642 | 195247 |
| 10° | 188826 | 202345 | 184298 | 201006 |
| 15° | 189752 | 183424 | 183976 | 176039 |
| 20° | 187790 | 136644 | 181644 | 126429 |
| 25° | 177751 | 86420  | 171877 | 78410  |
| 30° | 155279 | 51932  | 149264 | 47461  |
| 35° | 119504 | 32587  | 112629 | 28866  |
| 40° | 75597  | 20441  | 69165  | 19208  |
| 45° | 38964  | 15925  | 38319  | 15663  |
| 50° | 22844  | 14165  | 22144  | 13944  |
| 55° | 17501  | 13402  | 16854  | 13281  |
| 60° | 14808  | 13690  | 14178  | 13512  |
| 65° | 13909  | 14296  | 13376  | 13809  |
| 70° | 13588  | 14970  | 12911  | 14407  |
| 75° | 14529  | 15876  | 13744  | 15174  |
| 80° | 15034  | 17579  | 13631  | 16047  |
| 85° | 14161  | 16963  | 11443  | 14524  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 59629 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 3911.0  | 7.9       |
| 10°-20°   | 11001.9 | 22.1      |
| 20°-30°   | 12530.3 | 25.2      |
| 30°-40°   | 9006.2  | 18.1      |
| 40°-50°   | 4153.7  | 8.4       |
| 50°-60°   | 1987.7  | 4.0       |
| 60°-70°   | 1450.3  | 2.9       |
| 70°-80°   | 1101.8  | 2.2       |
| 80°-90°   | 507.8   | 1.0       |
| 90°-100°  | 115.2   | 0.2       |
| 100°-110° | 667.4   | 1.3       |
| 110°-120° | 1233.0  | 2.5       |
| 120°-130° | 753.0   | 1.5       |
| 130°-140° | 482.4   | 1.0       |
| 140°-150° | 356.5   | 0.7       |
| 150°-160° | 247.6   | 0.5       |
| 160°-170° | 148.9   | 0.3       |
| 170°-180° | 50.9    | 0.1       |
| 0°-30°    | 27443.2 | 55.2      |
| 0°-40°    | 36449.5 | 73.3      |
| 0°-60°    | 42590.9 | 85.7      |
| 0°-90°    | 45650.8 | 91.8      |
| 90°-120°  | 2015.5  | 4.1       |
| 90°-150°  | 3607.5  | 7.3       |
| 90°-180°  | 4055.0  | 8.2       |
| 0°-180°   | 49705.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°    | 90°   | 180°  | 270°  | 360°  | Flux  |
|------|-------|-------|-------|-------|-------|-------|
| 0°   | 39684 | 39684 | 39684 | 39684 | 39684 |       |
| 5°   | 39984 | 41149 | 39424 | 41688 | 39984 | 3821  |
| 15°  | 39809 | 38481 | 38597 | 36932 | 39809 | 11216 |
| 25°  | 35497 | 17258 | 34324 | 15658 | 35497 | 16091 |
| 35°  | 21933 | 5981  | 20672 | 5298  | 21933 | 13461 |
| 45°  | 6304  | 2577  | 6200  | 2534  | 6304  | 5362  |
| 55°  | 2365  | 1811  | 2278  | 1795  | 2365  | 2183  |
| 65°  | 1452  | 1492  | 1396  | 1441  | 1452  | 1450  |
| 75°  | 1024  | 1118  | 968   | 1069  | 1024  | 1064  |
| 85°  | 487   | 583   | 393   | 499   | 487   | 457   |
| 90°  | 137   | 172   | 43    | 52    | 137   | 85    |
| 95°  | 53    | 59    | 53    | 59    | 53    | 50    |
| 105° | 240   | 310   | 161   | 310   | 240   | 318   |
| 115° | 1075  | 1304  | 1126  | 1305  | 1075  | 992   |
| 125° | 807   | 847   | 913   | 849   | 807   | 735   |
| 135° | 632   | 562   | 681   | 566   | 632   | 493   |
| 145° | 560   | 544   | 596   | 550   | 560   | 354   |
| 155° | 522   | 524   | 556   | 529   | 522   | 243   |
| 165° | 518   | 518   | 538   | 521   | 518   | 147   |
| 175° | 530   | 535   | 539   | 536   | 530   | 51    |
| 180° | 536   | 536   | 536   | 536   | 536   |       |



TEST NUMBER: P1444552  
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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39835.8 | 39832.5 | 39831.9 | 39829.2 | 39828.4 | 39828.4 | 39827.1 | 39823.9 | 39821.8 | 39817.3 | 39812.1 |
| 5°     | 39983.6 | 39981.8 | 39982.9 | 39983.2 | 39980.4 | 39974.1 | 39964.5 | 39952.5 | 39937.5 | 39923.4 | 39910.7 |
| 7.5°   | 40097.9 | 40100.7 | 40104.2 | 40103.4 | 40094.8 | 40080.2 | 40060.3 | 40049.2 | 40055.8 | 40077.4 | 40126.9 |
| 10°    | 40118.7 | 40135.8 | 40142.4 | 40140.3 | 40123.0 | 40110.5 | 40115.3 | 40157.4 | 40241.1 | 40352.7 | 40505.4 |
| 12.5°  | 40037.4 | 40058.3 | 40057.5 | 40050.6 | 40033.9 | 40050.9 | 40111.8 | 40237.0 | 40416.4 | 40636.6 | 40894.8 |
| 15°    | 39809.0 | 39836.1 | 39828.4 | 39819.4 | 39808.2 | 39864.3 | 39985.9 | 40203.3 | 40480.4 | 40790.9 | 41108.7 |
| 17.5°  | 39365.5 | 39398.2 | 39382.3 | 39372.2 | 39362.8 | 39467.8 | 39676.8 | 39995.0 | 40344.1 | 40695.3 | 40996.5 |
| 20°    | 38596.4 | 38618.3 | 38580.5 | 38562.7 | 38577.7 | 38783.5 | 39091.3 | 39497.8 | 39865.6 | 40197.7 | 40403.6 |
| 22.5°  | 37341.0 | 37368.3 | 37297.2 | 37289.0 | 37376.7 | 37692.7 | 38082.2 | 38536.7 | 38882.3 | 39145.5 | 39224.8 |
| 25°    | 35496.7 | 35523.6 | 35439.1 | 35489.6 | 35638.7 | 36069.2 | 36533.1 | 37019.1 | 37314.0 | 37509.1 | 37455.2 |
| 27.5°  | 33007.4 | 33031.9 | 32951.8 | 33054.7 | 33290.6 | 33856.1 | 34402.1 | 34929.4 | 35192.2 | 35328.8 | 35155.7 |
| 30°    | 29867.8 | 29918.5 | 29824.0 | 29967.7 | 30327.6 | 31061.9 | 31687.4 | 32278.7 | 32540.7 | 32644.7 | 32375.2 |
| 32.5°  | 26138.9 | 26211.1 | 26106.8 | 26320.6 | 26822.8 | 27705.0 | 28415.5 | 29076.1 | 29366.0 | 29484.7 | 29180.4 |
| 35°    | 21933.2 | 22036.7 | 21917.1 | 22238.0 | 22857.3 | 23839.7 | 24626.5 | 25364.1 | 25707.3 | 25875.7 | 25569.0 |
| 37.5°  | 17477.4 | 17576.1 | 17511.3 | 17939.5 | 18619.6 | 19637.8 | 20441.0 | 21236.6 | 21624.3 | 21876.9 | 21635.0 |
| 40°    | 13102.9 | 13193.1 | 13242.1 | 13731.8 | 14371.3 | 15331.1 | 16102.4 | 16889.7 | 17323.4 | 17640.4 | 17491.3 |
| 42.5°  | 9248.0  | 9339.1  | 9505.6  | 9978.0  | 10511.4 | 11305.8 | 11966.6 | 12673.4 | 13087.6 | 13425.8 | 13368.3 |
| 45°    | 6304.2  | 6410.0  | 6618.4  | 7005.3  | 7391.0  | 7961.0  | 8446.2  | 8995.9  | 9334.3  | 9644.1  | 9647.7  |
| 47.5°  | 4417.7  | 4492.0  | 4678.3  | 4942.4  | 5194.0  | 5907.4  | 5936.7  | 6206.8  | 6434.3  | 6665.8  | 6695.8  |
| 50°    | 3404.6  | 3449.3  | 3548.1  | 3695.4  | 3837.9  | 4023.1  | 4192.6  | 4388.4  | 4528.4  | 4655.3  | 4685.6  |
| 52.5°  | 2798.4  | 2826.7  | 2877.1  | 2956.8  | 3039.5  | 3140.2  | 3231.0  | 3338.4  | 3414.6  | 3482.6  | 3496.8  |
| 55°    | 2365.1  | 2388.7  | 2463.5  | 2478.6  | 2573.2  | 2591.4  | 2631.7  | 2697.2  | 2741.5  | 2782.2  | 2792.3  |
| 57.5°  | 2038.1  | 2055.2  | 2071.1  | 2105.0  | 2134.2  | 2176.5  | 2210.6  | 2257.6  | 2285.5  | 2315.0  | 2317.5  |
| 60°    | 1780.2  | 1792.5  | 1803.9  | 1827.4  | 1847.2  | 1876.7  | 1900.2  | 1932.1  | 1952.1  | 1974.1  | 1976.7  |
| 62.5°  | 1588.2  | 1597.1  | 1604.6  | 1620.1  | 1634.3  | 1657.0  | 1675.6  | 1702.3  | 1720.9  | 1737.9  | 1741.8  |
| 65°    | 1451.8  | 1458.2  | 1463.1  | 1474.9  | 1487.2  | 1506.5  | 1523.4  | 1545.2  | 1558.9  | 1571.9  | 1574.8  |
| 67.5°  | 1330.9  | 1337.0  | 1342.1  | 1352.8  | 1361.3  | 1375.7  | 1387.0  | 1403.4  | 1413.7  | 1424.1  | 1424.4  |
| 70°    | 1192.3  | 1198.1  | 1201.8  | 1211.9  | 1218.8  | 1231.1  | 1240.2  | 1255.0  | 1265.5  | 1277.2  | 1280.1  |
| 72.5°  | 1096.4  | 1099.8  | 1105.0  | 1114.1  | 1123.7  | 1136.9  | 1149.1  | 1164.4  | 1177.2  | 1189.2  | 1194.4  |
| 75°    | 1023.5  | 1027.5  | 1030.8  | 1038.7  | 1045.3  | 1056.4  | 1065.5  | 1079.5  | 1090.7  | 1103.6  | 1109.9  |
| 77.5°  | 918.2   | 922.8   | 925.7   | 933.5   | 939.2   | 949.9   | 956.7   | 969.2   | 978.3   | 990.1   | 995.8   |
| 80°    | 790.9   | 795.2   | 797.3   | 804.7   | 809.2   | 819.0   | 825.6   | 837.8   | 845.4   | 857.1   | 864.0   |
| 82.5°  | 649.9   | 654.0   | 655.2   | 662.2   | 664.7   | 672.7   | 677.6   | 689.9   | 699.3   | 714.6   | 725.2   |
| 85°    | 486.7   | 488.1   | 490.5   | 488.7   | 498.6   | 499.2   | 510.3   | 512.4   | 527.1   | 531.0   | 547.7   |
| 87.5°  | 297.6   | 301.9   | 304.2   | 311.0   | 313.9   | 320.7   | 322.7   | 329.9   | 333.8   | 342.1   | 346.0   |
| 90°    | 137.3   | 144.9   | 147.9   | 156.8   | 159.6   | 167.5   | 170.0   | 178.8   | 181.8   | 190.8   | 195.5   |
| 92.5°  | 46.3    | 49.3    | 52.2    | 55.7    | 58.7    | 62.5    | 66.0    | 69.4    | 72.5    | 76.3    | 82.5    |
| 95°    | 52.7    | 56.2    | 59.7    | 63.2    | 66.7    | 70.1    | 73.6    | 77.1    | 80.6    | 84.1    | 94.1    |
| 97.5°  | 66.1    | 69.1    | 72.1    | 75.1    | 78.2    | 81.3    | 84.3    | 87.3    | 90.3    | 93.1    | 105.2   |
| 100°   | 85.9    | 88.4    | 91.0    | 93.6    | 96.1    | 98.7    | 101.2   | 103.7   | 106.4   | 108.9   | 131.3   |
| 102.5° | 142.0   | 151.0   | 160.1   | 169.1   | 178.1   | 187.1   | 196.3   | 205.2   | 214.3   | 223.3   | 270.8   |
| 105°   | 240.0   | 264.4   | 289.2   | 313.6   | 338.2   | 362.8   | 387.5   | 411.7   | 436.3   | 460.9   | 538.4   |
| 107.5° | 409.5   | 454.8   | 500.3   | 545.9   | 591.4   | 636.7   | 682.1   | 727.6   | 772.9   | 818.1   | 896.8   |
| 110°   | 755.4   | 791.8   | 828.4   | 865.0   | 901.5   | 938.1   | 974.7   | 1010.9  | 1047.6  | 1083.9  | 1141.4  |



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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° | 1018.3 | 1034.7 | 1051.3 | 1067.8 | 1084.3 | 1100.7 | 1117.2 | 1133.6 | 1150.3 | 1166.5 | 1207.5 |
| 115°   | 1074.8 | 1080.5 | 1086.6 | 1092.1 | 1098.0 | 1103.6 | 1109.3 | 1115.0 | 1120.8 | 1126.2 | 1154.0 |
| 117.5° | 1044.7 | 1043.6 | 1042.5 | 1041.5 | 1040.2 | 1039.1 | 1038.0 | 1036.6 | 1035.4 | 1034.1 | 1049.7 |
| 120°   | 975.3  | 970.1  | 965.2  | 959.7  | 954.7  | 949.4  | 944.2  | 938.9  | 933.5  | 927.9  | 934.7  |
| 122.5° | 887.7  | 881.5  | 875.7  | 869.2  | 863.1  | 856.6  | 850.5  | 843.6  | 837.5  | 831.0  | 833.4  |
| 125°   | 806.7  | 800.5  | 794.6  | 788.2  | 781.6  | 775.2  | 768.7  | 762.2  | 755.7  | 748.9  | 750.2  |
| 127.5° | 736.7  | 732.5  | 728.0  | 723.3  | 718.8  | 713.9  | 709.3  | 704.3  | 699.7  | 694.5  | 694.8  |
| 130°   | 692.0  | 688.1  | 684.2  | 679.9  | 675.8  | 671.3  | 666.9  | 662.3  | 658.1  | 653.3  | 653.8  |
| 132.5° | 655.8  | 653.0  | 650.2  | 647.1  | 644.0  | 640.4  | 637.3  | 633.5  | 630.4  | 627.0  | 627.4  |
| 135°   | 632.1  | 629.4  | 627.0  | 624.0  | 621.0  | 617.7  | 614.5  | 611.2  | 608.0  | 604.6  | 605.5  |
| 137.5° | 612.1  | 609.7  | 607.4  | 604.7  | 601.9  | 598.6  | 595.8  | 592.7  | 589.7  | 586.4  | 587.3  |
| 140°   | 593.9  | 591.9  | 589.5  | 586.9  | 584.6  | 581.8  | 579.0  | 576.1  | 573.2  | 570.2  | 571.4  |
| 142.5° | 573.2  | 571.4  | 569.7  | 567.6  | 565.8  | 563.3  | 561.1  | 558.5  | 556.3  | 553.8  | 555.4  |
| 145°   | 560.1  | 558.6  | 557.2  | 555.4  | 553.6  | 551.4  | 549.5  | 547.2  | 545.3  | 543.1  | 544.8  |
| 147.5° | 548.5  | 547.3  | 546.2  | 544.8  | 543.4  | 541.4  | 539.8  | 537.9  | 536.3  | 534.5  | 536.3  |
| 150°   | 538.4  | 537.4  | 536.3  | 535.0  | 533.5  | 531.8  | 530.2  | 528.6  | 526.9  | 525.1  | 526.9  |
| 152.5° | 527.6  | 526.4  | 525.4  | 524.2  | 522.8  | 521.0  | 519.8  | 518.1  | 516.5  | 514.9  | 516.4  |
| 155°   | 521.7  | 520.5  | 519.2  | 518.2  | 516.7  | 515.3  | 513.7  | 512.3  | 510.9  | 509.2  | 510.5  |
| 157.5° | 518.4  | 517.3  | 516.4  | 515.2  | 514.3  | 513.0  | 511.9  | 510.7  | 509.5  | 508.4  | 509.1  |
| 160°   | 517.5  | 516.5  | 515.5  | 514.5  | 513.4  | 512.1  | 511.1  | 509.9  | 509.1  | 507.8  | 508.5  |
| 162.5° | 517.0  | 515.9  | 514.9  | 513.8  | 512.8  | 511.6  | 510.6  | 509.6  | 508.6  | 507.4  | 508.3  |
| 165°   | 518.3  | 517.7  | 517.0  | 516.2  | 515.5  | 514.8  | 514.0  | 513.1  | 512.4  | 511.5  | 512.1  |
| 167.5° | 523.7  | 522.8  | 522.0  | 521.2  | 520.1  | 519.3  | 518.3  | 517.4  | 516.6  | 515.5  | 516.1  |
| 170°   | 526.0  | 525.2  | 524.9  | 524.4  | 523.8  | 523.2  | 522.7  | 522.1  | 521.6  | 521.0  | 521.6  |
| 172.5° | 529.2  | 528.6  | 528.3  | 528.1  | 527.5  | 527.2  | 526.7  | 526.3  | 526.0  | 525.4  | 526.2  |
| 175°   | 529.7  | 529.2  | 529.1  | 528.8  | 528.5  | 528.2  | 528.1  | 527.8  | 527.8  | 527.4  | 527.8  |
| 177.5° | 533.4  | 533.2  | 533.2  | 533.1  | 533.1  | 532.9  | 532.8  | 532.5  | 532.3  | 532.3  | 532.7  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°     | 42.5°   | 45°     | 47.5°   | 50°     | 52.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39808.2 | 39803.4 | 39796.8 | 39788.4 | 39781.2 | 39772.9 | 39753.0 | 39747.1 | 39753.7 | 39758.1 | 39767.2 |
| 5°     | 39902.8 | 39905.6 | 39906.7 | 39924.7 | 39940.3 | 39979.3 | 40284.6 | 40405.9 | 40499.8 | 40559.4 | 40649.8 |
| 7.5°   | 40188.0 | 40279.8 | 40370.5 | 40492.6 | 40597.9 | 40740.1 | 41274.3 | 41501.7 | 41663.3 | 41779.5 | 41922.4 |
| 10°    | 40671.3 | 40871.6 | 41059.4 | 41279.4 | 41468.6 | 41685.2 | 42182.5 | 42404.0 | 42543.8 | 42645.6 | 42740.7 |
| 12.5°  | 41158.1 | 41435.9 | 41687.0 | 41931.9 | 42136.6 | 42324.4 | 42499.2 | 42576.8 | 42583.4 | 42586.6 | 42536.2 |
| 15°    | 41411.7 | 41677.3 | 41898.5 | 42060.4 | 42180.7 | 42233.9 | 41932.9 | 41774.9 | 41575.4 | 41410.9 | 41140.4 |
| 17.5°  | 41251.6 | 41410.9 | 41506.5 | 41497.1 | 41447.4 | 41280.9 | 40428.2 | 39959.1 | 39493.5 | 39074.0 | 38523.7 |
| 20°    | 40540.2 | 40528.0 | 40444.9 | 40209.5 | 39925.8 | 39484.6 | 38022.6 | 37179.1 | 36363.7 | 35647.4 | 34778.4 |
| 22.5°  | 39216.7 | 39008.5 | 38718.1 | 38210.4 | 37646.4 | 36875.6 | 34780.6 | 33539.8 | 32404.5 | 31401.6 | 30278.1 |
| 25°    | 37299.1 | 36870.6 | 36335.1 | 35529.1 | 34652.6 | 33528.3 | 30946.2 | 29402.9 | 28039.9 | 26857.6 | 25561.3 |
| 27.5°  | 34844.8 | 34199.5 | 33414.7 | 32299.1 | 31111.6 | 29671.3 | 26808.5 | 25105.4 | 23642.2 | 22374.7 | 20995.0 |
| 30°    | 31939.2 | 31099.9 | 30086.5 | 28701.9 | 27269.6 | 25636.1 | 22732.6 | 21007.5 | 19526.4 | 18222.5 | 16841.7 |
| 32.5°  | 28655.7 | 27672.6 | 26485.1 | 24931.2 | 23382.1 | 21702.5 | 18898.5 | 17228.7 | 15813.8 | 14559.4 | 13309.8 |
| 35°    | 25034.0 | 23979.9 | 22723.5 | 21138.5 | 19598.8 | 17965.8 | 15392.9 | 13887.3 | 12637.9 | 11529.2 | 10520.1 |
| 37.5°  | 21149.3 | 20114.2 | 18920.1 | 17426.2 | 15998.4 | 14518.7 | 12298.7 | 11037.0 | 9988.5  | 9068.3  | 8289.1  |
| 40°    | 17110.1 | 16204.3 | 15171.2 | 13879.7 | 12661.2 | 11428.8 | 9606.4  | 8605.0  | 7777.6  | 7075.7  | 6491.9  |
| 42.5°  | 13120.5 | 12418.5 | 11626.2 | 10605.7 | 9673.2  | 8734.9  | 7332.3  | 6590.2  | 5977.4  | 5472.1  | 5059.4  |
| 45°    | 9519.3  | 9049.8  | 8518.4  | 7808.9  | 7163.7  | 6509.2  | 5510.8  | 4989.5  | 4590.4  | 4264.6  | 3989.1  |
| 47.5°  | 6654.5  | 6382.1  | 6365.6  | 5709.9  | 5236.7  | 4836.6  | 4193.4  | 3864.0  | 3619.5  | 3422.1  | 3247.6  |
| 50°    | 4673.3  | 4541.5  | 4377.8  | 4143.8  | 3924.2  | 3698.0  | 3306.2  | 3107.1  | 2963.8  | 2844.3  | 2733.9  |
| 52.5°  | 3493.6  | 3425.2  | 3338.0  | 3213.9  | 3094.8  | 2967.6  | 2719.7  | 2593.0  | 2547.9  | 2436.6  | 2349.2  |
| 55°    | 2790.5  | 2751.2  | 2701.6  | 2628.6  | 2556.3  | 2527.3  | 2314.8  | 2220.6  | 2161.1  | 2117.2  | 2070.2  |
| 57.5°  | 2317.9  | 2288.6  | 2259.2  | 2209.8  | 2167.9  | 2117.2  | 2004.3  | 1956.1  | 1920.6  | 1894.7  | 1862.3  |
| 60°    | 1977.2  | 1959.6  | 1943.1  | 1914.1  | 1891.5  | 1864.2  | 1792.5  | 1765.3  | 1746.8  | 1731.3  | 1710.5  |
| 62.5°  | 1745.0  | 1736.1  | 1727.6  | 1712.1  | 1700.6  | 1685.8  | 1636.8  | 1623.7  | 1614.4  | 1606.7  | 1594.0  |
| 65°    | 1577.5  | 1571.1  | 1566.3  | 1556.0  | 1550.3  | 1541.6  | 1499.6  | 1490.8  | 1485.0  | 1482.3  | 1474.9  |
| 67.5°  | 1425.3  | 1418.6  | 1415.5  | 1408.1  | 1405.8  | 1400.3  | 1365.9  | 1361.1  | 1359.1  | 1360.0  | 1357.4  |
| 70°    | 1282.9  | 1280.1  | 1281.6  | 1280.4  | 1283.7  | 1284.6  | 1263.8  | 1263.7  | 1265.8  | 1270.3  | 1270.7  |
| 72.5°  | 1197.6  | 1197.6  | 1199.2  | 1200.0  | 1203.1  | 1204.6  | 1187.2  | 1186.3  | 1187.3  | 1190.6  | 1190.7  |
| 75°    | 1116.4  | 1117.8  | 1122.1  | 1123.7  | 1127.3  | 1128.1  | 1105.1  | 1102.5  | 1102.7  | 1105.7  | 1104.7  |
| 77.5°  | 1004.0  | 1008.9  | 1017.3  | 1021.7  | 1028.8  | 1030.1  | 1004.3  | 1001.3  | 1001.4  | 1004.5  | 1001.9  |
| 80°    | 876.5   | 885.8   | 899.2   | 908.4   | 919.4   | 923.8   | 897.3   | 891.0   | 885.1   | 884.2   | 879.0   |
| 82.5°  | 741.1   | 752.4   | 768.4   | 776.9   | 788.5   | 791.1   | 746.8   | 738.5   | 733.4   | 733.9   | 729.1   |
| 85°    | 565.8   | 574.3   | 588.9   | 593.6   | 600.8   | 600.2   | 549.6   | 528.0   | 533.8   | 524.8   | 531.8   |
| 87.5°  | 354.9   | 359.9   | 369.0   | 370.2   | 373.6   | 372.8   | 321.9   | 311.9   | 309.0   | 309.1   | 305.4   |
| 90°    | 205.8   | 211.2   | 221.2   | 223.2   | 230.5   | 231.8   | 192.7   | 189.9   | 184.6   | 184.8   | 178.0   |
| 92.5°  | 89.1    | 95.2    | 101.6   | 107.8   | 114.2   | 120.6   | 122.3   | 127.1   | 121.0   | 114.2   | 108.3   |
| 95°    | 104.3   | 114.5   | 124.7   | 135.0   | 145.2   | 155.3   | 165.6   | 175.8   | 166.3   | 156.7   | 147.2   |
| 97.5°  | 117.2   | 129.3   | 141.3   | 153.4   | 165.4   | 177.5   | 189.6   | 201.7   | 191.5   | 180.9   | 170.8   |
| 100°   | 153.9   | 176.4   | 198.7   | 221.3   | 243.7   | 266.2   | 288.8   | 311.2   | 291.5   | 271.5   | 251.7   |
| 102.5° | 318.4   | 366.3   | 414.0   | 461.6   | 509.3   | 557.2   | 605.1   | 652.9   | 607.6   | 562.0   | 516.5   |
| 105°   | 615.7   | 693.2   | 770.6   | 847.6   | 925.0   | 1002.5  | 1080.3  | 1157.6  | 1085.1  | 1012.5  | 939.9   |
| 107.5° | 975.1   | 1053.8  | 1132.0  | 1210.4  | 1288.9  | 1367.4  | 1446.5  | 1525.0  | 1454.1  | 1383.2  | 1312.4  |
| 110°   | 1198.7  | 1255.8  | 1313.1  | 1370.3  | 1427.4  | 1484.6  | 1542.8  | 1600.1  | 1557.5  | 1514.8  | 1472.4  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1248.2 | 1289.3 | 1330.2 | 1370.8 | 1411.6 | 1452.6 | 1494.8 | 1535.9 | 1514.4 | 1492.8 | 1471.6 |
| 115°   | 1181.3 | 1209.1 | 1236.5 | 1263.9 | 1291.4 | 1318.9 | 1347.9 | 1375.9 | 1368.8 | 1361.9 | 1355.0 |
| 117.5° | 1064.9 | 1080.3 | 1095.7 | 1111.0 | 1126.1 | 1141.4 | 1158.9 | 1174.5 | 1175.5 | 1176.5 | 1177.7 |
| 120°   | 940.9  | 947.5  | 953.8  | 960.2  | 966.4  | 972.7  | 981.5  | 988.4  | 994.1  | 999.5  | 1005.1 |
| 122.5° | 835.7  | 838.1  | 840.3  | 842.7  | 844.9  | 847.2  | 852.3  | 855.3  | 859.0  | 862.9  | 866.6  |
| 125°   | 751.3  | 752.3  | 753.3  | 754.5  | 755.1  | 756.3  | 760.7  | 762.2  | 762.3  | 762.3  | 762.4  |
| 127.5° | 694.8  | 694.9  | 694.9  | 695.0  | 694.7  | 694.9  | 698.4  | 699.1  | 696.6  | 694.0  | 691.3  |
| 130°   | 654.3  | 654.6  | 655.0  | 655.5  | 655.9  | 656.2  | 660.4  | 661.8  | 657.3  | 652.7  | 648.2  |
| 132.5° | 627.9  | 628.6  | 629.0  | 629.9  | 630.4  | 630.9  | 635.6  | 637.1  | 632.1  | 626.8  | 621.6  |
| 135°   | 606.1  | 607.1  | 607.8  | 608.5  | 609.3  | 610.4  | 615.5  | 617.4  | 612.6  | 607.5  | 602.5  |
| 137.5° | 587.8  | 588.8  | 589.5  | 590.6  | 591.3  | 592.2  | 598.0  | 600.0  | 596.1  | 591.9  | 588.1  |
| 140°   | 572.4  | 573.4  | 574.5  | 575.8  | 576.7  | 578.2  | 584.4  | 586.7  | 583.6  | 580.4  | 577.1  |
| 142.5° | 556.6  | 558.4  | 560.1  | 561.9  | 563.4  | 565.4  | 572.6  | 575.5  | 573.2  | 570.6  | 568.4  |
| 145°   | 546.5  | 548.6  | 550.5  | 552.7  | 554.6  | 556.9  | 564.9  | 568.4  | 566.9  | 565.3  | 563.6  |
| 147.5° | 537.5  | 539.4  | 541.2  | 543.1  | 544.9  | 547.4  | 555.7  | 559.1  | 558.3  | 557.0  | 556.2  |
| 150°   | 528.4  | 530.4  | 532.1  | 534.2  | 536.4  | 538.6  | 547.9  | 551.7  | 550.9  | 550.1  | 549.2  |
| 152.5° | 518.0  | 519.6  | 521.3  | 523.1  | 525.0  | 527.0  | 538.1  | 542.1  | 541.5  | 540.5  | 539.9  |
| 155°   | 511.7  | 512.9  | 514.1  | 515.6  | 516.9  | 518.7  | 530.5  | 534.5  | 534.0  | 533.5  | 532.9  |
| 157.5° | 509.9  | 510.6  | 511.4  | 512.4  | 513.5  | 514.5  | 526.7  | 530.7  | 530.1  | 529.7  | 529.2  |
| 160°   | 509.0  | 509.6  | 510.1  | 511.0  | 511.6  | 512.3  | 525.0  | 528.5  | 528.2  | 527.7  | 527.2  |
| 162.5° | 509.1  | 510.2  | 510.9  | 511.9  | 512.7  | 513.9  | 526.5  | 530.7  | 529.9  | 529.2  | 528.5  |
| 165°   | 512.5  | 512.9  | 513.4  | 514.0  | 514.5  | 515.2  | 526.9  | 530.3  | 530.0  | 529.4  | 528.9  |
| 167.5° | 516.6  | 517.3  | 517.7  | 518.5  | 519.0  | 519.9  | 530.9  | 534.2  | 533.9  | 533.2  | 532.9  |
| 170°   | 521.8  | 522.5  | 522.8  | 523.5  | 524.1  | 524.9  | 534.0  | 536.7  | 536.4  | 535.5  | 535.0  |
| 172.5° | 526.7  | 527.5  | 528.1  | 528.7  | 529.3  | 530.2  | 537.9  | 540.6  | 540.2  | 539.6  | 538.9  |
| 175°   | 528.2  | 528.6  | 529.2  | 530.0  | 530.5  | 531.1  | 537.2  | 539.0  | 538.8  | 538.5  | 538.2  |
| 177.5° | 533.2  | 533.4  | 533.9  | 534.4  | 534.8  | 535.2  | 538.9  | 540.2  | 540.0  | 540.0  | 539.9  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 57.5°   | 60°     | 62.5°   | 65°     | 67.5°   | 70°     | 72.5°   | 75°     | 77.5°   | 80°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39769.3 | 39783.2 | 39785.3 | 39801.7 | 39800.3 | 39819.7 | 39816.7 | 39832.5 | 39823.3 | 39836.4 | 39825.3 |
| 5°     | 40703.3 | 40788.0 | 40832.4 | 40915.0 | 40941.1 | 41015.1 | 41036.1 | 41103.6 | 41106.4 | 41159.9 | 41147.7 |
| 7.5°   | 42023.9 | 42148.8 | 42222.9 | 42325.1 | 42376.9 | 42462.1 | 42499.5 | 42562.5 | 42582.8 | 42632.8 | 42636.6 |
| 10°    | 42812.5 | 42873.1 | 42915.5 | 42944.0 | 42970.1 | 42982.3 | 42996.5 | 42992.7 | 42996.5 | 42990.9 | 43003.1 |
| 12.5°  | 42502.3 | 42413.8 | 42355.2 | 42244.4 | 42180.1 | 42057.6 | 41997.5 | 41879.6 | 41836.9 | 41735.7 | 41721.1 |
| 15°    | 40931.5 | 40622.9 | 40404.9 | 40087.9 | 39888.5 | 39576.6 | 39394.1 | 39112.7 | 38984.2 | 38760.5 | 38701.8 |
| 17.5°  | 38068.3 | 37495.5 | 37052.2 | 36483.6 | 36089.1 | 35557.6 | 35223.5 | 34783.6 | 34542.7 | 34187.9 | 34065.2 |
| 20°    | 34054.1 | 33206.7 | 32541.8 | 31749.7 | 31183.0 | 30476.7 | 30024.6 | 29454.3 | 29123.3 | 28687.7 | 28511.0 |
| 22.5°  | 29341.4 | 28286.3 | 27456.0 | 26520.3 | 25836.4 | 25049.4 | 24507.7 | 23890.8 | 23530.6 | 23057.3 | 22847.6 |
| 25°    | 24484.0 | 23320.5 | 22397.4 | 21411.4 | 20688.9 | 19900.0 | 19358.2 | 18752.1 | 18379.4 | 17930.1 | 17721.8 |
| 27.5°  | 19838.4 | 18660.6 | 17768.5 | 16851.9 | 16189.1 | 15477.2 | 14988.3 | 14459.2 | 14128.3 | 13744.9 | 13548.9 |
| 30°    | 15738.7 | 14699.9 | 13940.7 | 13180.0 | 12628.6 | 12050.5 | 11644.3 | 11205.7 | 10915.5 | 10587.1 | 10400.5 |
| 32.5°  | 12398.6 | 11596.7 | 11002.2 | 10398.6 | 9947.3  | 9464.2  | 9113.2  | 8726.2  | 8464.3  | 8171.0  | 8002.0  |
| 35°    | 9819.5  | 9196.4  | 8722.2  | 8225.4  | 7837.7  | 7426.2  | 7116.9  | 6782.9  | 6547.8  | 6295.4  | 6149.4  |
| 37.5°  | 7758.4  | 7262.9  | 6872.8  | 6460.1  | 6141.7  | 5800.8  | 5685.9  | 5302.6  | 5059.1  | 4857.6  | 4718.0  |
| 40°    | 6088.8  | 5694.9  | 5372.0  | 5056.4  | 4796.7  | 4538.1  | 4330.6  | 4125.8  | 3968.7  | 3824.5  | 3724.8  |
| 42.5°  | 4754.9  | 4469.5  | 4233.7  | 4002.5  | 3813.0  | 3624.6  | 3474.3  | 3333.3  | 3227.4  | 3133.1  | 3068.8  |
| 45°    | 3780.0  | 3583.6  | 3419.8  | 3257.0  | 3123.2  | 2997.5  | 2896.4  | 2806.3  | 2737.9  | 2681.3  | 2641.1  |
| 47.5°  | 3105.3  | 2970.9  | 2855.3  | 2745.5  | 2654.7  | 2572.3  | 2504.5  | 2482.4  | 2408.9  | 2359.4  | 2340.6  |
| 50°    | 2639.1  | 2558.0  | 2470.1  | 2389.0  | 2328.4  | 2268.1  | 2224.2  | 2181.1  | 2153.6  | 2130.8  | 2123.9  |
| 52.5°  | 2291.1  | 2229.1  | 2180.2  | 2128.9  | 2088.9  | 2046.0  | 2015.6  | 1986.9  | 1971.8  | 1959.9  | 1958.4  |
| 55°    | 2032.4  | 1989.0  | 1956.7  | 1922.3  | 1898.3  | 1873.1  | 1857.4  | 1842.3  | 1835.6  | 1829.6  | 1830.1  |
| 57.5°  | 1836.7  | 1807.7  | 1786.6  | 1764.3  | 1751.3  | 1739.3  | 1735.3  | 1731.5  | 1733.6  | 1734.5  | 1737.9  |
| 60°    | 1694.0  | 1675.2  | 1661.9  | 1649.1  | 1643.7  | 1639.9  | 1642.8  | 1646.2  | 1653.1  | 1658.7  | 1663.7  |
| 62.5°  | 1584.7  | 1574.0  | 1567.5  | 1560.6  | 1560.0  | 1560.3  | 1566.2  | 1571.9  | 1580.6  | 1587.1  | 1591.9  |
| 65°    | 1472.2  | 1466.1  | 1463.9  | 1459.6  | 1461.8  | 1463.1  | 1470.1  | 1474.6  | 1483.2  | 1488.4  | 1494.6  |
| 67.5°  | 1358.5  | 1357.1  | 1358.3  | 1358.3  | 1362.3  | 1365.7  | 1372.5  | 1377.5  | 1384.8  | 1389.6  | 1394.6  |
| 70°    | 1274.6  | 1275.1  | 1278.3  | 1278.8  | 1283.1  | 1285.4  | 1291.3  | 1294.5  | 1301.1  | 1305.1  | 1311.1  |
| 72.5°  | 1192.9  | 1191.6  | 1192.3  | 1190.4  | 1191.9  | 1191.3  | 1194.6  | 1196.1  | 1201.7  | 1204.9  | 1212.2  |
| 75°    | 1105.9  | 1102.4  | 1101.4  | 1097.5  | 1097.6  | 1094.8  | 1096.2  | 1096.0  | 1099.6  | 1101.1  | 1106.4  |
| 77.5°  | 1000.9  | 994.8   | 991.8   | 985.2   | 985.1   | 982.6   | 985.2   | 986.9   | 993.4   | 996.4   | 1002.5  |
| 80°    | 875.4   | 865.7   | 861.3   | 853.7   | 854.9   | 854.5   | 860.9   | 865.9   | 873.7   | 875.3   | 882.8   |
| 82.5°  | 727.6   | 717.7   | 713.1   | 705.5   | 707.2   | 707.4   | 713.3   | 714.3   | 721.2   | 724.2   | 733.0   |
| 85°    | 521.0   | 524.8   | 514.3   | 515.1   | 512.8   | 517.0   | 521.0   | 525.9   | 531.6   | 541.2   | 548.6   |
| 87.5°  | 306.8   | 305.4   | 309.1   | 309.6   | 314.9   | 317.6   | 326.2   | 331.0   | 340.6   | 348.1   | 361.7   |
| 90°    | 176.5   | 169.7   | 170.8   | 167.4   | 170.7   | 167.4   | 170.7   | 166.9   | 171.1   | 170.3   | 176.2   |
| 92.5°  | 101.2   | 95.1    | 88.1    | 81.9    | 75.1    | 69.2    | 65.6    | 63.1    | 59.6    | 57.2    | 53.5    |
| 95°    | 137.7   | 128.1   | 118.6   | 109.1   | 99.6    | 90.1    | 86.6    | 83.1    | 79.6    | 76.1    | 72.7    |
| 97.5°  | 160.6   | 150.3   | 140.1   | 129.7   | 119.5   | 109.3   | 106.9   | 104.6   | 102.3   | 100.0   | 97.6    |
| 100°   | 231.8   | 212.1   | 192.4   | 172.5   | 152.8   | 133.0   | 131.2   | 129.3   | 127.5   | 125.7   | 123.7   |
| 102.5° | 471.2   | 425.9   | 380.6   | 335.2   | 289.9   | 244.4   | 236.6   | 228.6   | 220.8   | 212.8   | 205.0   |
| 105°   | 867.2   | 794.6   | 722.1   | 649.5   | 577.0   | 504.5   | 482.9   | 461.1   | 439.4   | 417.8   | 396.3   |
| 107.5° | 1241.5  | 1170.7  | 1100.0  | 1029.3  | 958.6   | 887.8   | 853.6   | 819.4   | 785.0   | 750.9   | 716.8   |
| 110°   | 1429.4  | 1386.8  | 1344.5  | 1301.8  | 1259.4  | 1217.0  | 1184.2  | 1151.7  | 1118.9  | 1086.4  | 1053.8  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1450.2 | 1428.7 | 1407.3 | 1386.1 | 1364.9 | 1343.5 | 1327.6 | 1311.6 | 1295.8 | 1279.8 | 1263.7 |
| 115°   | 1348.0 | 1341.2 | 1334.3 | 1327.5 | 1320.9 | 1314.0 | 1312.8 | 1311.7 | 1310.3 | 1309.3 | 1308.2 |
| 117.5° | 1178.7 | 1179.8 | 1180.8 | 1182.2 | 1183.3 | 1184.6 | 1193.0 | 1201.3 | 1209.8 | 1218.4 | 1227.1 |
| 120°   | 1010.6 | 1016.4 | 1021.8 | 1027.5 | 1033.1 | 1038.9 | 1050.0 | 1061.4 | 1072.7 | 1084.3 | 1096.0 |
| 122.5° | 870.3  | 874.3  | 877.9  | 881.9  | 885.8  | 889.8  | 900.7  | 911.9  | 923.1  | 934.4  | 946.1  |
| 125°   | 762.1  | 762.1  | 762.1  | 761.9  | 761.9  | 762.2  | 771.1  | 780.3  | 789.6  | 799.1  | 808.4  |
| 127.5° | 688.6  | 685.7  | 683.0  | 680.5  | 677.6  | 675.1  | 680.3  | 685.6  | 690.9  | 696.5  | 701.9  |
| 130°   | 643.5  | 638.9  | 634.0  | 629.6  | 624.7  | 620.3  | 622.1  | 624.1  | 626.1  | 628.2  | 630.4  |
| 132.5° | 616.2  | 611.0  | 605.5  | 600.1  | 594.8  | 589.4  | 589.0  | 588.8  | 588.5  | 588.5  | 588.5  |
| 135°   | 597.4  | 592.5  | 587.2  | 582.1  | 576.8  | 571.9  | 570.4  | 568.8  | 567.4  | 566.1  | 564.9  |
| 137.5° | 584.0  | 579.8  | 575.7  | 571.8  | 567.3  | 563.3  | 561.1  | 559.4  | 557.2  | 555.8  | 553.8  |
| 140°   | 573.8  | 570.6  | 567.1  | 563.8  | 560.4  | 557.2  | 555.3  | 553.8  | 552.1  | 550.7  | 549.2  |
| 142.5° | 565.7  | 563.3  | 560.7  | 558.3  | 555.7  | 553.3  | 551.5  | 550.0  | 548.4  | 547.1  | 545.5  |
| 145°   | 562.0  | 560.3  | 558.6  | 556.9  | 555.2  | 553.7  | 552.1  | 550.9  | 549.7  | 548.5  | 547.6  |
| 147.5° | 555.1  | 553.9  | 552.9  | 551.7  | 550.5  | 549.4  | 548.3  | 547.7  | 546.6  | 546.0  | 545.1  |
| 150°   | 548.1  | 547.1  | 546.0  | 545.2  | 543.9  | 543.0  | 542.3  | 541.8  | 541.1  | 540.9  | 540.3  |
| 152.5° | 538.6  | 537.8  | 536.9  | 536.1  | 534.9  | 534.0  | 533.4  | 533.1  | 532.6  | 532.3  | 531.6  |
| 155°   | 532.2  | 531.6  | 530.9  | 530.3  | 529.4  | 528.9  | 528.2  | 527.5  | 526.9  | 526.3  | 525.6  |
| 157.5° | 528.6  | 528.1  | 527.3  | 526.9  | 526.0  | 525.4  | 524.9  | 524.3  | 523.5  | 523.0  | 522.3  |
| 160°   | 526.6  | 526.2  | 525.4  | 524.9  | 524.3  | 523.7  | 522.7  | 522.0  | 521.1  | 520.5  | 519.4  |
| 162.5° | 527.7  | 526.9  | 526.1  | 525.3  | 524.4  | 523.7  | 523.0  | 522.4  | 521.8  | 521.2  | 520.5  |
| 165°   | 528.3  | 527.8  | 527.2  | 526.6  | 526.1  | 525.5  | 524.7  | 523.9  | 523.0  | 522.3  | 521.4  |
| 167.5° | 532.3  | 531.9  | 531.4  | 530.9  | 530.2  | 529.6  | 528.9  | 528.1  | 527.3  | 526.4  | 525.4  |
| 170°   | 534.5  | 533.6  | 533.1  | 532.3  | 531.6  | 530.9  | 530.2  | 529.3  | 528.5  | 528.0  | 527.0  |
| 172.5° | 538.4  | 538.0  | 537.4  | 536.9  | 536.0  | 535.5  | 535.0  | 534.4  | 533.7  | 533.0  | 532.5  |
| 175°   | 538.1  | 537.9  | 537.8  | 537.4  | 537.3  | 537.0  | 536.7  | 536.5  | 536.2  | 536.1  | 535.6  |
| 177.5° | 539.9  | 539.7  | 539.7  | 539.4  | 539.3  | 539.3  | 538.9  | 538.6  | 538.3  | 537.9  | 537.7  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°   | 85°     | 87.5°   | 90°     | 92.5°   | 95°     | 97.5°   | 100°    | 102.5°  | 105°    | 107.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39836.8 | 39826.7 | 39831.5 | 39812.8 | 39817.3 | 39794.8 | 39792.6 | 39767.2 | 39764.7 | 39740.8 | 39731.7 |
| 5°     | 41185.6 | 41163.4 | 41188.4 | 41149.4 | 41157.1 | 41106.4 | 41102.1 | 41036.5 | 41013.9 | 40931.7 | 40896.4 |
| 7.5°   | 42667.9 | 42659.6 | 42674.8 | 42642.3 | 42641.2 | 42595.9 | 42577.2 | 42518.4 | 42481.9 | 42395.8 | 42340.7 |
| 10°    | 42992.7 | 43000.3 | 42987.8 | 42990.9 | 42973.3 | 42968.4 | 42950.3 | 42938.9 | 42909.3 | 42887.0 | 42854.0 |
| 12.5°  | 41644.2 | 41652.3 | 41600.8 | 41633.5 | 41607.7 | 41667.9 | 41663.0 | 41733.9 | 41744.8 | 41834.5 | 41868.5 |
| 15°    | 38527.6 | 38517.9 | 38419.2 | 38481.3 | 38448.0 | 38580.0 | 38609.6 | 38787.2 | 38882.3 | 39110.4 | 39250.5 |
| 17.5°  | 33819.4 | 33794.0 | 33654.9 | 33730.7 | 33692.2 | 33886.9 | 33952.2 | 34236.3 | 34413.6 | 34781.2 | 35043.0 |
| 20°    | 28207.0 | 28158.4 | 27995.7 | 28084.4 | 28044.7 | 28265.9 | 28359.2 | 28702.5 | 28931.1 | 29417.9 | 29764.2 |
| 22.5°  | 22525.0 | 22448.1 | 22288.8 | 22371.6 | 22334.0 | 22563.3 | 22684.6 | 23029.2 | 23291.0 | 23790.7 | 24195.0 |
| 25°    | 17422.5 | 17354.0 | 17200.0 | 17258.0 | 17244.0 | 17437.8 | 17545.8 | 17871.7 | 18129.0 | 18605.0 | 18991.0 |
| 27.5°  | 13288.5 | 13217.3 | 13078.1 | 13119.2 | 13105.0 | 13270.2 | 13371.9 | 13644.2 | 13865.6 | 14266.3 | 14605.2 |
| 30°    | 10170.4 | 10084.4 | 9966.4  | 9989.1  | 9979.4  | 10113.2 | 10208.3 | 10437.6 | 10627.3 | 10966.0 | 11258.0 |
| 32.5°  | 7795.6  | 7709.2  | 7600.8  | 7611.4  | 7597.1  | 7702.1  | 7780.3  | 7979.8  | 8145.1  | 8433.1  | 8687.2  |
| 35°    | 5964.7  | 6065.8  | 5834.3  | 5980.9  | 5828.3  | 6052.4  | 5971.8  | 6096.4  | 6238.6  | 6481.2  | 6693.2  |
| 37.5°  | 4585.4  | 4515.0  | 4455.5  | 4449.1  | 4448.8  | 4500.8  | 4562.1  | 4682.1  | 4807.4  | 4988.2  | 5175.0  |
| 40°    | 3633.7  | 3584.3  | 3545.8  | 3543.0  | 3545.8  | 3582.7  | 3628.0  | 3710.9  | 3802.8  | 3932.6  | 4069.8  |
| 42.5°  | 3013.9  | 2981.0  | 2957.8  | 2956.2  | 2963.5  | 2989.7  | 3021.2  | 3070.5  | 3130.2  | 3214.3  | 3308.4  |
| 45°    | 2608.5  | 2590.2  | 2577.3  | 2576.6  | 2580.0  | 2593.6  | 2611.8  | 2642.5  | 2680.3  | 2732.8  | 2792.3  |
| 47.5°  | 2324.1  | 2319.6  | 2311.6  | 2311.9  | 2308.2  | 2313.8  | 2315.8  | 2333.0  | 2353.2  | 2392.7  | 2470.6  |
| 50°    | 2117.0  | 2117.0  | 2111.3  | 2111.1  | 2105.8  | 2105.5  | 2101.1  | 2107.9  | 2117.3  | 2141.8  | 2166.7  |
| 52.5°  | 1953.3  | 1952.7  | 1946.7  | 1945.5  | 1939.9  | 1939.6  | 1935.7  | 1938.5  | 1939.7  | 1952.1  | 1967.0  |
| 55°    | 1825.3  | 1821.5  | 1813.6  | 1811.1  | 1808.8  | 1812.1  | 1810.7  | 1810.8  | 1809.1  | 1814.4  | 1818.7  |
| 57.5°  | 1733.6  | 1728.5  | 1721.1  | 1718.8  | 1718.3  | 1722.0  | 1722.2  | 1720.9  | 1714.0  | 1709.3  | 1702.7  |
| 60°    | 1660.9  | 1655.9  | 1647.8  | 1645.7  | 1646.9  | 1652.2  | 1651.9  | 1647.5  | 1637.2  | 1628.3  | 1617.8  |
| 62.5°  | 1589.6  | 1587.6  | 1583.4  | 1582.8  | 1581.7  | 1582.7  | 1579.0  | 1574.3  | 1564.1  | 1554.6  | 1543.2  |
| 65°    | 1493.8  | 1494.9  | 1491.8  | 1492.2  | 1488.6  | 1488.0  | 1482.4  | 1477.8  | 1467.5  | 1458.8  | 1447.3  |
| 67.5°  | 1394.4  | 1395.2  | 1392.7  | 1392.7  | 1390.7  | 1391.0  | 1387.6  | 1383.4  | 1374.7  | 1367.6  | 1358.6  |
| 70°    | 1312.5  | 1314.5  | 1313.1  | 1313.5  | 1311.1  | 1310.2  | 1305.0  | 1300.8  | 1291.9  | 1286.0  | 1278.0  |
| 72.5°  | 1214.4  | 1218.8  | 1218.6  | 1219.7  | 1216.2  | 1214.4  | 1208.0  | 1202.9  | 1194.9  | 1190.1  | 1183.6  |
| 75°    | 1108.5  | 1114.2  | 1115.8  | 1118.4  | 1113.3  | 1110.7  | 1103.8  | 1099.6  | 1093.1  | 1090.2  | 1086.0  |
| 77.5°  | 1005.1  | 1011.4  | 1017.4  | 1023.0  | 1015.0  | 1007.7  | 999.1   | 992.5   | 983.0   | 979.4   | 972.7   |
| 80°    | 889.0   | 900.2   | 913.6   | 924.8   | 910.3   | 895.5   | 881.3   | 870.7   | 858.2   | 853.1   | 844.8   |
| 82.5°  | 737.6   | 749.0   | 756.7   | 763.9   | 753.8   | 743.0   | 729.2   | 719.9   | 706.4   | 701.4   | 691.8   |
| 85°    | 560.3   | 574.6   | 579.2   | 583.0   | 576.5   | 570.8   | 557.8   | 540.4   | 531.8   | 518.5   | 511.6   |
| 87.5°  | 368.6   | 377.1   | 378.7   | 380.0   | 376.1   | 373.3   | 364.9   | 356.6   | 342.1   | 331.5   | 318.5   |
| 90°    | 173.9   | 177.5   | 172.3   | 172.5   | 169.3   | 171.6   | 165.1   | 164.2   | 154.1   | 151.5   | 142.7   |
| 92.5°  | 50.8    | 47.4    | 44.5    | 41.4    | 45.1    | 47.5    | 51.1    | 53.5    | 57.1    | 59.6    | 63.1    |
| 95°    | 69.2    | 65.7    | 62.2    | 58.8    | 61.6    | 64.3    | 67.1    | 69.9    | 72.6    | 75.4    | 78.2    |
| 97.5°  | 95.3    | 93.0    | 90.7    | 88.3    | 90.0    | 91.6    | 93.2    | 94.8    | 96.5    | 98.1    | 99.9    |
| 100°   | 121.9   | 120.0   | 118.2   | 116.4   | 116.4   | 116.4   | 116.4   | 116.4   | 116.4   | 116.4   | 116.4   |
| 102.5° | 197.0   | 189.2   | 181.2   | 173.4   | 178.7   | 184.0   | 189.4   | 194.7   | 200.1   | 205.5   | 211.0   |
| 105°   | 374.7   | 353.0   | 331.5   | 309.9   | 330.7   | 351.7   | 372.5   | 393.5   | 414.3   | 435.6   | 456.4   |
| 107.5° | 682.5   | 648.4   | 614.3   | 580.1   | 618.4   | 656.4   | 694.5   | 732.6   | 770.7   | 808.8   | 847.2   |
| 110°   | 1021.3  | 988.8   | 956.3   | 923.9   | 964.3   | 1004.6  | 1045.1  | 1085.4  | 1125.9  | 1166.3  | 1207.0  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°  | 85°    | 87.5°  | 90°    | 92.5°  | 95°    | 97.5°  | 100°   | 102.5° | 105°   | 107.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1247.9 | 1232.2 | 1216.4 | 1200.6 | 1226.6 | 1252.6 | 1278.5 | 1304.8 | 1330.9 | 1357.1 | 1383.1 |
| 115°   | 1307.1 | 1306.2 | 1305.3 | 1304.3 | 1316.6 | 1329.0 | 1341.3 | 1353.8 | 1366.1 | 1378.4 | 1391.0 |
| 117.5° | 1235.6 | 1244.2 | 1253.0 | 1261.9 | 1265.8 | 1269.8 | 1273.9 | 1277.9 | 1282.1 | 1286.2 | 1290.4 |
| 120°   | 1107.6 | 1119.0 | 1130.9 | 1142.7 | 1141.0 | 1139.4 | 1137.9 | 1136.3 | 1135.1 | 1133.6 | 1132.7 |
| 122.5° | 957.6  | 969.1  | 981.0  | 992.7  | 989.2  | 985.7  | 982.3  | 979.0  | 975.9  | 972.7  | 969.7  |
| 125°   | 818.2  | 827.8  | 837.6  | 847.4  | 844.0  | 840.5  | 837.1  | 834.1  | 830.9  | 827.7  | 824.9  |
| 127.5° | 707.9  | 713.9  | 719.7  | 725.9  | 724.2  | 722.6  | 721.5  | 719.9  | 718.8  | 717.7  | 716.8  |
| 130°   | 632.9  | 635.4  | 638.3  | 640.8  | 641.3  | 641.8  | 642.7  | 643.4  | 644.5  | 645.4  | 646.6  |
| 132.5° | 588.9  | 589.1  | 589.7  | 590.3  | 592.1  | 594.0  | 596.3  | 598.4  | 601.1  | 603.3  | 606.5  |
| 135°   | 564.0  | 563.3  | 562.5  | 562.0  | 564.8  | 567.4  | 570.5  | 573.6  | 577.1  | 580.7  | 584.3  |
| 137.5° | 552.6  | 551.2  | 550.2  | 548.9  | 551.7  | 554.4  | 557.5  | 560.6  | 564.0  | 567.5  | 571.4  |
| 140°   | 548.0  | 546.9  | 546.1  | 545.0  | 547.8  | 550.5  | 553.5  | 556.6  | 560.1  | 563.5  | 567.1  |
| 142.5° | 544.4  | 543.2  | 542.4  | 541.6  | 543.9  | 546.5  | 549.4  | 552.1  | 555.3  | 558.3  | 561.7  |
| 145°   | 546.6  | 545.7  | 545.1  | 544.4  | 546.1  | 547.9  | 550.1  | 552.2  | 554.5  | 556.7  | 559.5  |
| 147.5° | 544.5  | 544.0  | 543.7  | 543.2  | 544.5  | 545.9  | 547.4  | 548.7  | 550.6  | 552.3  | 554.2  |
| 150°   | 540.2  | 539.7  | 539.5  | 539.4  | 540.3  | 541.0  | 542.1  | 542.8  | 544.1  | 545.1  | 546.7  |
| 152.5° | 531.6  | 531.1  | 531.3  | 531.0  | 531.6  | 532.3  | 533.3  | 534.1  | 535.1  | 536.0  | 537.5  |
| 155°   | 525.3  | 524.9  | 524.4  | 524.0  | 524.2  | 524.4  | 524.8  | 525.0  | 525.5  | 525.9  | 526.4  |
| 157.5° | 522.0  | 521.5  | 521.2  | 520.6  | 520.5  | 520.3  | 520.4  | 520.4  | 520.6  | 520.4  | 520.6  |
| 160°   | 518.9  | 518.1  | 517.3  | 516.6  | 516.8  | 516.7  | 517.0  | 516.9  | 517.2  | 517.4  | 517.7  |
| 162.5° | 520.0  | 519.4  | 519.0  | 518.5  | 518.2  | 517.5  | 517.2  | 516.6  | 516.3  | 516.0  | 515.9  |
| 165°   | 520.5  | 519.7  | 519.0  | 518.1  | 518.0  | 517.9  | 517.6  | 517.4  | 517.4  | 517.1  | 517.1  |
| 167.5° | 524.9  | 524.0  | 523.2  | 522.4  | 521.9  | 521.1  | 520.7  | 520.1  | 519.5  | 519.0  | 518.8  |
| 170°   | 526.4  | 525.6  | 525.0  | 524.5  | 524.2  | 523.7  | 523.6  | 523.1  | 523.0  | 522.8  | 522.8  |
| 172.5° | 531.8  | 531.3  | 530.7  | 530.2  | 529.9  | 529.6  | 529.4  | 529.3  | 529.0  | 529.0  | 528.8  |
| 175°   | 535.4  | 535.1  | 535.0  | 534.7  | 534.4  | 534.1  | 533.8  | 533.6  | 533.3  | 532.9  | 532.7  |
| 177.5° | 537.2  | 536.9  | 536.6  | 536.4  | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.1  | 535.9  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 112.5°  | 115°    | 117.5°  | 120°    | 122.5°  | 125°    | 127.5°  | 130°    | 132.5°  | 135°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39706.0 | 39695.6 | 39668.1 | 39654.6 | 39629.2 | 39616.4 | 39596.5 | 39583.7 | 39567.7 | 39555.8 | 39549.5 |
| 5°     | 40806.2 | 40755.4 | 40653.7 | 40591.0 | 40481.2 | 40408.7 | 40299.6 | 40219.7 | 40107.0 | 40023.9 | 39917.4 |
| 7.5°   | 42237.4 | 42159.6 | 42029.3 | 41930.4 | 41776.7 | 41659.2 | 41486.7 | 41348.7 | 41158.1 | 40999.8 | 40805.1 |
| 10°    | 42820.2 | 42774.7 | 42716.2 | 42652.6 | 42567.5 | 42484.0 | 42366.2 | 42246.2 | 42086.2 | 41927.0 | 41719.1 |
| 12.5°  | 41959.0 | 42001.7 | 42086.2 | 42125.5 | 42190.1 | 42212.0 | 42241.6 | 42227.7 | 42201.6 | 42136.6 | 42042.3 |
| 15°    | 39519.7 | 39698.4 | 39980.7 | 40176.1 | 40449.7 | 40642.0 | 40896.4 | 41060.0 | 41248.5 | 41361.2 | 41468.2 |
| 17.5°  | 35507.2 | 35852.9 | 36351.2 | 36748.7 | 37282.4 | 37716.3 | 38247.9 | 38665.6 | 39147.9 | 39517.9 | 39911.8 |
| 20°    | 30367.8 | 30851.9 | 31539.7 | 32123.9 | 32897.3 | 33553.0 | 34393.1 | 35096.9 | 35917.8 | 36602.2 | 37340.8 |
| 22.5°  | 24836.5 | 25405.9 | 26194.0 | 26898.7 | 27822.2 | 28646.9 | 29699.6 | 30630.1 | 31739.9 | 32734.2 | 33833.9 |
| 25°    | 19618.3 | 20176.3 | 20979.3 | 21708.8 | 22705.7 | 23614.3 | 24764.3 | 25831.8 | 27119.7 | 28320.8 | 29699.6 |
| 27.5°  | 15143.5 | 15639.1 | 16344.9 | 17001.6 | 17914.7 | 18806.7 | 19973.7 | 21112.0 | 22486.3 | 23777.0 | 25262.9 |
| 30°    | 11695.1 | 12097.2 | 12662.7 | 13190.9 | 13923.9 | 14653.5 | 15692.9 | 16745.7 | 18113.2 | 19450.7 | 20974.0 |
| 32.5°  | 9063.3  | 9406.1  | 9878.2  | 10307.1 | 10871.9 | 11421.9 | 12187.4 | 13028.7 | 14228.2 | 15509.4 | 16982.3 |
| 35°    | 7016.0  | 7309.3  | 7711.1  | 8080.5  | 8545.0  | 8981.7  | 9552.9  | 10153.4 | 11068.8 | 12146.4 | 13464.6 |
| 37.5°  | 5593.5  | 5713.1  | 5999.9  | 6302.5  | 6688.3  | 7047.2  | 7494.0  | 7938.0  | 8593.0  | 9443.2  | 10520.1 |
| 40°    | 4253.8  | 4443.7  | 4677.1  | 4915.5  | 5207.6  | 5495.4  | 5985.7  | 6221.7  | 6652.9  | 7263.2  | 8099.0  |
| 42.5°  | 3432.3  | 3565.8  | 3730.1  | 3895.8  | 4099.4  | 4299.9  | 4547.8  | 4800.4  | 5122.7  | 5536.1  | 6130.6  |
| 45°    | 2872.2  | 2959.3  | 3065.2  | 3175.6  | 3309.3  | 3446.1  | 3612.1  | 3785.5  | 4003.9  | 4258.1  | 4619.2  |
| 47.5°  | 2498.0  | 2546.1  | 2615.3  | 2690.7  | 2782.3  | 2877.1  | 2985.0  | 3095.5  | 3231.3  | 3381.9  | 3587.6  |
| 50°    | 2206.0  | 2246.1  | 2299.8  | 2350.3  | 2413.5  | 2510.5  | 2553.4  | 2614.4  | 2696.0  | 2784.7  | 2899.7  |
| 52.5°  | 1994.6  | 2021.4  | 2055.1  | 2084.0  | 2124.1  | 2160.4  | 2208.0  | 2250.1  | 2306.5  | 2359.8  | 2434.0  |
| 55°    | 1830.1  | 1839.8  | 1858.9  | 1877.6  | 1905.2  | 1930.0  | 1962.7  | 1990.2  | 2026.2  | 2058.1  | 2104.9  |
| 57.5°  | 1702.9  | 1703.8  | 1712.6  | 1722.3  | 1740.2  | 1755.8  | 1778.3  | 1796.3  | 1821.3  | 1841.7  | 1869.7  |
| 60°    | 1611.6  | 1606.8  | 1608.5  | 1611.9  | 1622.0  | 1632.1  | 1646.5  | 1658.2  | 1674.0  | 1685.5  | 1701.2  |
| 62.5°  | 1535.6  | 1527.9  | 1526.2  | 1525.3  | 1530.4  | 1533.9  | 1541.8  | 1547.5  | 1556.5  | 1561.5  | 1569.9  |
| 65°    | 1439.6  | 1430.6  | 1427.1  | 1422.9  | 1424.4  | 1423.2  | 1426.2  | 1426.3  | 1430.9  | 1431.9  | 1436.8  |
| 67.5°  | 1352.5  | 1345.0  | 1340.4  | 1334.9  | 1332.4  | 1328.4  | 1326.6  | 1322.8  | 1322.2  | 1319.0  | 1318.2  |
| 70°    | 1273.1  | 1265.7  | 1261.9  | 1256.7  | 1254.1  | 1248.8  | 1245.6  | 1239.1  | 1235.3  | 1229.3  | 1225.9  |
| 72.5°  | 1181.2  | 1177.0  | 1175.9  | 1172.4  | 1171.4  | 1168.5  | 1167.1  | 1162.6  | 1160.0  | 1154.8  | 1151.9  |
| 75°    | 1085.1  | 1081.7  | 1081.4  | 1077.9  | 1077.6  | 1074.0  | 1073.2  | 1068.3  | 1065.8  | 1060.7  | 1058.5  |
| 77.5°  | 970.7   | 965.6   | 964.2   | 960.1   | 961.1   | 959.3   | 960.8   | 957.1   | 955.6   | 950.4   | 948.8   |
| 80°    | 841.8   | 835.4   | 832.7   | 827.3   | 828.7   | 826.3   | 828.7   | 828.4   | 830.4   | 826.3   | 825.5   |
| 82.5°  | 689.2   | 682.1   | 680.8   | 677.0   | 679.5   | 679.8   | 685.2   | 682.3   | 683.5   | 679.6   | 681.3   |
| 85°    | 501.5   | 496.3   | 488.9   | 487.8   | 483.2   | 488.0   | 481.7   | 486.0   | 479.0   | 483.8   | 477.4   |
| 87.5°  | 311.0   | 300.0   | 294.3   | 286.5   | 283.5   | 276.1   | 272.9   | 267.5   | 269.2   | 266.6   | 268.1   |
| 90°    | 142.0   | 134.5   | 135.3   | 130.5   | 132.5   | 128.8   | 132.4   | 130.5   | 134.8   | 132.8   | 137.5   |
| 92.5°  | 65.6    | 68.6    | 74.2    | 80.1    | 85.4    | 91.0    | 96.5    | 102.4   | 107.7   | 113.5   | 118.9   |
| 95°    | 81.0    | 83.8    | 91.2    | 98.6    | 106.1   | 113.5   | 121.0   | 128.5   | 135.9   | 143.3   | 150.8   |
| 97.5°  | 101.5   | 103.2   | 110.6   | 118.0   | 125.5   | 132.9   | 140.3   | 148.1   | 155.5   | 162.9   | 170.4   |
| 100°   | 116.4   | 116.5   | 137.6   | 158.7   | 179.8   | 201.1   | 222.2   | 243.4   | 264.7   | 285.8   | 307.0   |
| 102.5° | 216.3   | 221.7   | 275.1   | 328.5   | 381.9   | 435.4   | 488.9   | 542.5   | 595.9   | 649.5   | 703.1   |
| 105°   | 477.3   | 498.3   | 579.7   | 661.5   | 742.9   | 824.6   | 906.2   | 988.0   | 1069.6  | 1151.3  | 1232.9  |
| 107.5° | 885.2   | 923.4   | 997.2   | 1070.8  | 1144.4  | 1218.3  | 1292.1  | 1365.9  | 1439.6  | 1513.5  | 1587.6  |
| 110°   | 1247.3  | 1287.9  | 1337.3  | 1386.8  | 1436.3  | 1485.7  | 1535.2  | 1584.7  | 1634.4  | 1683.8  | 1733.7  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 112.5° | 115°   | 117.5° | 120°   | 122.5° | 125°   | 127.5° | 130°   | 132.5° | 135°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1409.1 | 1435.4 | 1464.2 | 1493.2 | 1522.1 | 1551.0 | 1579.9 | 1608.9 | 1638.1 | 1667.2 | 1696.2 |
| 115°   | 1403.6 | 1416.2 | 1427.4 | 1438.8 | 1450.1 | 1461.5 | 1472.9 | 1484.5 | 1496.2 | 1507.7 | 1519.3 |
| 117.5° | 1294.5 | 1299.1 | 1300.7 | 1302.8 | 1304.6 | 1306.9 | 1308.9 | 1311.1 | 1313.4 | 1315.7 | 1317.6 |
| 120°   | 1131.4 | 1130.1 | 1128.3 | 1126.8 | 1125.1 | 1123.6 | 1122.1 | 1120.7 | 1119.4 | 1118.1 | 1116.6 |
| 122.5° | 966.6  | 963.9  | 962.2  | 960.7  | 959.2  | 958.0  | 956.7  | 955.8  | 954.5  | 953.3  | 952.0  |
| 125°   | 821.9  | 819.3  | 821.3  | 823.1  | 825.1  | 827.3  | 829.1  | 831.6  | 833.8  | 835.9  | 838.2  |
| 127.5° | 715.8  | 715.2  | 719.7  | 724.4  | 729.1  | 733.8  | 738.6  | 743.5  | 748.2  | 753.3  | 758.0  |
| 130°   | 648.0  | 649.5  | 655.3  | 661.4  | 667.2  | 673.3  | 679.3  | 685.6  | 691.4  | 697.5  | 703.6  |
| 132.5° | 609.0  | 612.2  | 617.6  | 623.6  | 629.2  | 635.1  | 641.0  | 646.9  | 652.7  | 658.9  | 664.4  |
| 135°   | 588.1  | 592.1  | 597.3  | 602.6  | 608.0  | 613.5  | 618.7  | 624.3  | 629.5  | 634.9  | 640.1  |
| 137.5° | 575.0  | 579.0  | 583.3  | 587.6  | 591.8  | 596.4  | 600.9  | 605.3  | 609.5  | 614.0  | 618.1  |
| 140°   | 570.8  | 574.8  | 577.2  | 580.1  | 582.6  | 585.4  | 587.9  | 590.7  | 593.0  | 596.0  | 598.4  |
| 142.5° | 565.0  | 568.7  | 570.1  | 572.0  | 573.8  | 576.0  | 577.7  | 579.5  | 581.2  | 582.8  | 584.4  |
| 145°   | 561.9  | 564.7  | 565.0  | 565.6  | 566.1  | 566.5  | 566.8  | 567.4  | 567.6  | 568.0  | 568.2  |
| 147.5° | 556.3  | 558.3  | 558.1  | 558.3  | 558.3  | 558.2  | 558.2  | 558.3  | 557.9  | 558.0  | 557.9  |
| 150°   | 547.8  | 549.4  | 548.7  | 548.5  | 547.8  | 547.5  | 546.9  | 546.7  | 546.0  | 545.7  | 545.0  |
| 152.5° | 538.4  | 539.8  | 538.8  | 538.5  | 537.7  | 537.1  | 536.3  | 535.8  | 535.0  | 534.5  | 533.9  |
| 155°   | 526.8  | 527.4  | 526.9  | 526.6  | 526.2  | 525.8  | 525.3  | 525.3  | 525.0  | 524.8  | 524.6  |
| 157.5° | 520.7  | 520.8  | 520.6  | 520.3  | 519.9  | 519.8  | 519.6  | 519.4  | 519.4  | 519.6  | 519.7  |
| 160°   | 517.7  | 518.1  | 517.7  | 517.4  | 517.2  | 516.9  | 516.7  | 516.7  | 516.7  | 517.0  | 517.1  |
| 162.5° | 515.5  | 515.4  | 515.0  | 514.7  | 514.5  | 514.5  | 514.3  | 514.6  | 514.5  | 514.7  | 514.9  |
| 165°   | 517.3  | 517.5  | 516.7  | 516.5  | 516.1  | 515.7  | 515.5  | 515.3  | 515.4  | 515.3  | 515.3  |
| 167.5° | 518.4  | 518.2  | 518.2  | 518.4  | 518.4  | 518.5  | 518.6  | 519.2  | 519.3  | 519.9  | 520.1  |
| 170°   | 522.7  | 522.8  | 522.5  | 522.3  | 522.1  | 522.1  | 521.9  | 521.9  | 522.0  | 522.0  | 521.9  |
| 172.5° | 528.8  | 528.8  | 528.3  | 527.9  | 527.5  | 527.2  | 526.7  | 526.5  | 526.1  | 525.7  | 525.2  |
| 175°   | 532.3  | 532.1  | 531.9  | 531.6  | 531.4  | 531.0  | 530.8  | 530.2  | 530.0  | 529.7  | 529.5  |
| 177.5° | 535.8  | 535.5  | 535.3  | 535.3  | 535.2  | 535.0  | 535.0  | 534.9  | 534.9  | 534.9  | 534.6  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 137.5°  | 140°    | 142.5°  | 145°    | 147.5°  | 150°    | 152.5°  | 155°    | 157.5°  | 160°    | 162.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39541.6 | 39541.2 | 39537.3 | 39539.1 | 39539.9 | 39542.7 | 39546.1 | 39549.5 | 39550.3 | 39553.0 | 39553.6 |
| 5°     | 39837.5 | 39739.7 | 39667.4 | 39587.8 | 39527.9 | 39474.1 | 39438.2 | 39409.7 | 39398.7 | 39401.5 | 39408.1 |
| 7.5°   | 40640.0 | 40438.0 | 40271.4 | 40082.0 | 39924.0 | 39756.8 | 39618.1 | 39486.3 | 39390.2 | 39318.7 | 39278.6 |
| 10°    | 41520.5 | 41274.6 | 41039.3 | 40765.2 | 40505.1 | 40227.6 | 39976.2 | 39723.1 | 39512.0 | 39328.8 | 39194.2 |
| 12.5°  | 41911.3 | 41737.4 | 41534.1 | 41275.3 | 40997.1 | 40676.8 | 40353.5 | 40006.8 | 39684.4 | 39385.1 | 39143.8 |
| 15°    | 41497.5 | 41497.8 | 41423.7 | 41299.6 | 41106.4 | 40850.4 | 40542.3 | 40181.0 | 39800.6 | 39412.4 | 39057.9 |
| 17.5°  | 40184.2 | 40432.0 | 40569.8 | 40657.0 | 40630.3 | 40535.9 | 40339.9 | 40062.4 | 39707.8 | 39294.3 | 38861.7 |
| 20°    | 37928.8 | 38513.2 | 38930.0 | 39304.7 | 39514.7 | 39654.3 | 39640.3 | 39527.3 | 39274.9 | 38923.3 | 38472.7 |
| 22.5°  | 34769.3 | 35750.3 | 36524.4 | 37246.2 | 37752.5 | 38164.3 | 38360.0 | 38443.1 | 38328.7 | 38083.8 | 37660.6 |
| 25°    | 30931.9 | 32265.7 | 33403.9 | 34508.6 | 35337.2 | 36049.3 | 36477.3 | 36778.9 | 36802.8 | 36674.8 | 36297.3 |
| 27.5°  | 26667.8 | 28242.2 | 29682.8 | 31150.9 | 32316.2 | 33339.9 | 34011.7 | 34503.3 | 34659.5 | 34638.9 | 34296.1 |
| 30°    | 22409.1 | 24061.9 | 25649.8 | 27361.8 | 28803.7 | 30111.7 | 30999.0 | 31663.9 | 31920.1 | 31969.3 | 31639.5 |
| 32.5°  | 18387.2 | 20017.0 | 21600.6 | 23390.3 | 24977.1 | 26476.2 | 27524.5 | 28314.3 | 28612.2 | 28682.4 | 28320.8 |
| 35°    | 14737.2 | 16240.8 | 17745.7 | 19480.3 | 21057.9 | 22610.2 | 23714.8 | 24541.7 | 24820.0 | 24866.9 | 24448.1 |
| 37.5°  | 11571.8 | 12853.0 | 14164.3 | 15720.6 | 17169.5 | 18627.3 | 19676.8 | 20453.8 | 20656.6 | 20644.1 | 20170.1 |
| 40°    | 8906.6  | 9902.6  | 10956.3 | 12237.6 | 13442.1 | 14674.4 | 15560.8 | 16203.1 | 16309.6 | 16230.8 | 15733.0 |
| 42.5°  | 6697.4  | 7416.6  | 8180.6  | 9137.0  | 10030.7 | 10953.0 | 11597.8 | 12074.8 | 12089.9 | 11965.2 | 11518.4 |
| 45°    | 4989.5  | 5691.3  | 6011.6  | 6589.9  | 7165.6  | 7778.9  | 8172.6  | 8467.2  | 8421.6  | 8311.9  | 7972.3  |
| 47.5°  | 3803.6  | 4073.4  | 4359.4  | 4718.0  | 5053.3  | 5749.3  | 5697.7  | 6170.8  | 5830.0  | 6062.4  | 5550.9  |
| 50°    | 3020.5  | 3171.2  | 3325.3  | 3515.6  | 3690.9  | 3872.8  | 3986.4  | 4071.3  | 4060.3  | 4023.8  | 3925.9  |
| 52.5°  | 2569.7  | 2616.3  | 2692.2  | 2800.5  | 2898.2  | 2996.6  | 3061.4  | 3114.0  | 3115.0  | 3100.4  | 3050.7  |
| 55°    | 2147.7  | 2206.9  | 2261.4  | 2332.1  | 2452.7  | 2471.2  | 2564.0  | 2545.2  | 2552.4  | 2526.7  | 2553.1  |
| 57.5°  | 1893.6  | 1928.0  | 1958.7  | 2000.8  | 2035.6  | 2076.2  | 2100.2  | 2123.3  | 2121.1  | 2116.1  | 2090.8  |
| 60°    | 1713.5  | 1732.5  | 1749.6  | 1774.1  | 1793.3  | 1816.2  | 1827.2  | 1839.0  | 1835.2  | 1826.7  | 1804.2  |
| 62.5°  | 1574.8  | 1586.6  | 1596.4  | 1612.2  | 1623.8  | 1638.1  | 1643.9  | 1648.8  | 1643.9  | 1635.7  | 1615.9  |
| 65°    | 1437.8  | 1445.4  | 1451.6  | 1463.5  | 1471.8  | 1484.0  | 1488.9  | 1493.5  | 1488.9  | 1482.6  | 1467.5  |
| 67.5°  | 1314.2  | 1315.0  | 1314.4  | 1319.3  | 1321.8  | 1329.2  | 1331.3  | 1334.7  | 1329.4  | 1323.9  | 1311.1  |
| 70°    | 1220.6  | 1218.6  | 1216.3  | 1218.2  | 1218.6  | 1222.2  | 1222.8  | 1222.2  | 1215.9  | 1206.4  | 1192.4  |
| 72.5°  | 1147.4  | 1146.3  | 1144.5  | 1146.2  | 1146.2  | 1149.4  | 1148.3  | 1146.8  | 1138.9  | 1129.8  | 1116.0  |
| 75°    | 1053.2  | 1052.4  | 1048.9  | 1049.0  | 1046.1  | 1047.2  | 1043.3  | 1041.2  | 1032.5  | 1024.8  | 1012.5  |
| 77.5°  | 943.1   | 941.3   | 936.2   | 934.2   | 928.6   | 926.3   | 919.1   | 915.5   | 906.7   | 900.5   | 889.9   |
| 80°    | 820.1   | 818.2   | 811.6   | 807.9   | 799.1   | 793.4   | 782.9   | 776.9   | 766.7   | 760.7   | 750.4   |
| 82.5°  | 677.9   | 678.6   | 671.9   | 667.4   | 654.8   | 645.1   | 630.9   | 623.3   | 612.1   | 606.2   | 595.6   |
| 85°    | 482.1   | 475.2   | 478.9   | 478.6   | 470.7   | 462.2   | 450.8   | 442.7   | 433.3   | 427.7   | 420.2   |
| 87.5°  | 264.4   | 266.1   | 264.1   | 262.6   | 256.9   | 252.7   | 243.7   | 239.0   | 232.1   | 228.7   | 223.1   |
| 90°    | 127.6   | 124.5   | 115.0   | 112.0   | 102.6   | 97.3    | 86.8    | 82.4    | 72.7    | 70.4    | 64.4    |
| 92.5°  | 112.6   | 106.4   | 100.4   | 93.8    | 87.8    | 81.5    | 75.2    | 69.0    | 62.7    | 60.3    | 58.6    |
| 95°    | 141.8   | 132.8   | 123.8   | 114.7   | 105.7   | 96.6    | 87.7    | 78.5    | 69.5    | 67.7    | 65.8    |
| 97.5°  | 159.8   | 149.1   | 138.5   | 128.0   | 117.2   | 106.6   | 96.0    | 85.3    | 74.7    | 73.5    | 72.3    |
| 100°   | 282.5   | 258.0   | 233.5   | 208.9   | 184.3   | 159.7   | 135.4   | 110.7   | 86.3    | 84.9    | 83.5    |
| 102.5° | 643.4   | 583.9   | 524.4   | 464.9   | 405.5   | 345.9   | 286.3   | 226.6   | 167.2   | 158.5   | 150.0   |
| 105°   | 1142.8  | 1052.5  | 962.7   | 872.5   | 782.4   | 692.1   | 602.1   | 511.8   | 421.7   | 392.8   | 363.8   |
| 107.5° | 1502.9  | 1418.1  | 1333.5  | 1248.9  | 1164.1  | 1079.6  | 994.7   | 909.9   | 825.1   | 774.1   | 723.2   |
| 110°   | 1666.4  | 1599.2  | 1532.2  | 1464.9  | 1397.8  | 1330.5  | 1263.2  | 1196.0  | 1128.7  | 1084.8  | 1041.2  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°   | 142.5° | 145°   | 147.5° | 150°   | 152.5° | 155°   | 157.5° | 160°   | 162.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1647.1 | 1597.8 | 1549.0 | 1499.6 | 1450.5 | 1401.1 | 1352.0 | 1302.6 | 1253.2 | 1226.7 | 1200.0 |
| 115°   | 1489.9 | 1460.2 | 1430.8 | 1401.2 | 1371.6 | 1342.1 | 1312.5 | 1282.5 | 1252.7 | 1238.9 | 1224.8 |
| 117.5° | 1302.9 | 1287.8 | 1272.9 | 1257.9 | 1242.9 | 1227.6 | 1212.6 | 1197.4 | 1182.2 | 1177.4 | 1172.6 |
| 120°   | 1112.6 | 1108.2 | 1103.6 | 1099.2 | 1094.7 | 1090.2 | 1085.7 | 1081.0 | 1076.3 | 1077.1 | 1077.8 |
| 122.5° | 954.2  | 956.0  | 958.2  | 959.8  | 962.0  | 963.6  | 965.7  | 967.2  | 969.0  | 972.9  | 976.8  |
| 125°   | 842.9  | 847.4  | 852.1  | 856.7  | 861.0  | 865.6  | 870.2  | 874.5  | 879.2  | 882.8  | 887.0  |
| 127.5° | 763.4  | 768.3  | 773.7  | 778.6  | 783.8  | 788.9  | 794.0  | 798.8  | 803.9  | 807.5  | 811.4  |
| 130°   | 708.3  | 712.6  | 717.3  | 721.6  | 726.1  | 730.5  | 735.0  | 739.4  | 743.9  | 746.8  | 749.8  |
| 132.5° | 668.5  | 672.6  | 676.7  | 680.5  | 684.7  | 688.6  | 692.7  | 696.7  | 700.9  | 703.1  | 705.4  |
| 135°   | 643.4  | 646.3  | 649.5  | 652.4  | 655.8  | 658.6  | 661.8  | 665.0  | 668.3  | 669.7  | 671.6  |
| 137.5° | 620.7  | 623.2  | 625.9  | 628.3  | 631.0  | 633.5  | 636.4  | 639.0  | 642.0  | 642.7  | 643.9  |
| 140°   | 601.1  | 603.7  | 606.3  | 609.0  | 611.8  | 614.4  | 617.6  | 620.4  | 623.5  | 624.3  | 625.4  |
| 142.5° | 586.6  | 588.6  | 590.7  | 592.7  | 595.1  | 597.1  | 599.5  | 602.0  | 604.6  | 605.5  | 606.5  |
| 145°   | 570.7  | 573.0  | 575.6  | 578.0  | 580.4  | 583.0  | 586.0  | 588.8  | 591.8  | 592.3  | 593.2  |
| 147.5° | 559.9  | 561.9  | 564.1  | 566.3  | 568.6  | 570.7  | 573.3  | 575.9  | 578.5  | 579.2  | 579.8  |
| 150°   | 547.4  | 549.5  | 551.6  | 553.8  | 556.4  | 558.9  | 561.5  | 564.1  | 567.3  | 568.3  | 569.2  |
| 152.5° | 536.2  | 538.4  | 540.9  | 543.5  | 546.2  | 548.9  | 551.7  | 554.6  | 557.6  | 558.5  | 559.5  |
| 155°   | 527.0  | 529.1  | 531.7  | 534.3  | 537.1  | 539.5  | 542.4  | 545.1  | 548.0  | 549.2  | 550.2  |
| 157.5° | 521.9  | 523.9  | 526.1  | 528.5  | 530.9  | 533.3  | 535.9  | 538.2  | 541.0  | 541.8  | 542.7  |
| 160°   | 519.0  | 520.9  | 523.0  | 525.1  | 527.3  | 529.4  | 531.6  | 533.8  | 536.0  | 537.0  | 537.8  |
| 162.5° | 516.8  | 518.9  | 521.0  | 522.8  | 525.1  | 527.2  | 529.4  | 531.5  | 533.8  | 534.5  | 535.3  |
| 165°   | 516.8  | 518.3  | 519.9  | 521.3  | 523.0  | 524.3  | 526.1  | 527.6  | 529.4  | 530.1  | 531.3  |
| 167.5° | 521.6  | 522.5  | 523.6  | 524.8  | 526.2  | 527.4  | 528.7  | 529.9  | 531.4  | 532.1  | 533.0  |
| 170°   | 523.1  | 524.1  | 525.0  | 526.1  | 527.4  | 528.4  | 529.6  | 530.6  | 532.0  | 532.6  | 533.5  |
| 172.5° | 526.0  | 526.5  | 527.4  | 528.0  | 528.7  | 529.4  | 530.2  | 531.1  | 531.8  | 532.7  | 533.5  |
| 175°   | 530.0  | 530.3  | 530.7  | 531.0  | 531.3  | 531.7  | 532.2  | 532.8  | 533.1  | 533.8  | 534.4  |
| 177.5° | 534.8  | 535.1  | 535.3  | 535.5  | 536.1  | 536.3  | 536.6  | 536.9  | 537.3  | 537.9  | 538.7  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 167.5°  | 170°    | 172.5°  | 175°    | 177.5°  | 180°    | 182.5°  | 185°    | 187.5°  | 190°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39552.4 | 39551.9 | 39550.6 | 39548.8 | 39547.0 | 39548.1 | 39549.8 | 39554.4 | 39562.3 | 39573.8 | 39588.8 |
| 5°     | 39413.5 | 39421.6 | 39426.1 | 39426.7 | 39422.6 | 39420.1 | 39424.0 | 39434.8 | 39456.8 | 39493.5 | 39543.2 |
| 7.5°   | 39267.9 | 39277.9 | 39293.2 | 39304.7 | 39306.9 | 39304.0 | 39304.7 | 39321.7 | 39362.2 | 39433.8 | 39534.2 |
| 10°    | 39112.4 | 39082.9 | 39098.5 | 39127.0 | 39149.7 | 39153.8 | 39156.6 | 39176.7 | 39235.9 | 39344.1 | 39505.4 |
| 12.5°  | 38968.9 | 38875.4 | 38857.2 | 38883.0 | 38917.5 | 38928.4 | 38925.4 | 38934.0 | 39003.4 | 39146.6 | 39371.4 |
| 15°    | 38780.1 | 38604.0 | 38543.9 | 38550.5 | 38593.0 | 38608.2 | 38597.1 | 38580.0 | 38647.5 | 38822.4 | 39113.5 |
| 17.5°  | 38474.4 | 38190.6 | 38080.0 | 38075.1 | 38124.9 | 38138.1 | 38110.7 | 38057.8 | 38124.3 | 38342.5 | 38703.8 |
| 20°    | 38009.8 | 37590.8 | 37382.5 | 37349.5 | 37403.5 | 37387.7 | 37333.2 | 37253.1 | 37340.5 | 37605.8 | 38035.6 |
| 22.5°  | 37174.6 | 36643.7 | 36287.8 | 36173.1 | 36237.7 | 36194.7 | 36115.1 | 36012.9 | 36128.9 | 36430.4 | 36909.0 |
| 25°    | 35809.7 | 35196.3 | 34709.2 | 34436.0 | 34487.5 | 34410.2 | 34323.6 | 34199.8 | 34338.1 | 34684.2 | 35211.0 |
| 27.5°  | 33803.7 | 33095.1 | 32491.5 | 32039.1 | 32055.6 | 31954.5 | 31854.7 | 31694.5 | 31867.2 | 32276.9 | 32871.1 |
| 30°    | 31136.1 | 30316.0 | 29581.0 | 28966.2 | 28911.3 | 28813.1 | 28710.9 | 28500.6 | 28716.9 | 29207.2 | 29901.5 |
| 32.5°  | 27786.0 | 26875.5 | 26026.3 | 25248.9 | 25102.3 | 25006.6 | 24915.6 | 24673.4 | 24956.6 | 25528.3 | 26326.0 |
| 35°    | 23868.2 | 22898.5 | 21977.6 | 21089.8 | 20846.8 | 20751.1 | 20671.5 | 20439.6 | 20792.9 | 21415.0 | 22276.5 |
| 37.5°  | 19567.9 | 18577.2 | 17663.0 | 16752.6 | 16409.4 | 16279.4 | 16221.6 | 16069.7 | 16477.3 | 17092.7 | 17957.8 |
| 40°    | 15153.2 | 14232.1 | 13412.5 | 12608.4 | 12217.0 | 12018.3 | 11988.0 | 11960.4 | 12354.4 | 12888.3 | 13673.5 |
| 42.5°  | 11023.3 | 10280.2 | 9648.2  | 9033.6  | 8679.0  | 8407.7  | 8407.5  | 8489.9  | 8844.6  | 9244.5  | 9850.0  |
| 45°    | 7625.2  | 7126.5  | 6723.8  | 6313.2  | 6422.9  | 5881.9  | 6199.8  | 6036.7  | 6212.0  | 6469.8  | 6863.6  |
| 47.5°  | 5241.6  | 4969.3  | 4748.1  | 4518.7  | 4351.5  | 4191.8  | 4205.7  | 4308.7  | 4473.8  | 4626.8  | 4831.7  |
| 50°    | 3820.2  | 3681.6  | 3568.9  | 3449.8  | 3366.5  | 3296.0  | 3300.2  | 3344.8  | 3431.5  | 3512.2  | 3619.3  |
| 52.5°  | 2993.4  | 2916.9  | 2855.7  | 2789.9  | 2746.2  | 2711.2  | 2713.1  | 2734.7  | 2781.6  | 2827.6  | 2889.1  |
| 55°    | 2467.3  | 2458.1  | 2378.5  | 2319.3  | 2296.8  | 2273.4  | 2277.6  | 2286.1  | 2318.1  | 2344.9  | 2385.7  |
| 57.5°  | 2067.5  | 2031.8  | 2008.0  | 1976.9  | 1962.5  | 1946.1  | 1949.8  | 1953.0  | 1974.3  | 1992.4  | 2021.7  |
| 60°    | 1785.4  | 1760.1  | 1743.1  | 1721.9  | 1712.5  | 1702.1  | 1704.4  | 1706.3  | 1720.0  | 1731.8  | 1752.8  |
| 62.5°  | 1597.8  | 1575.1  | 1560.4  | 1544.1  | 1537.5  | 1530.4  | 1532.1  | 1532.7  | 1541.2  | 1549.8  | 1565.7  |
| 65°    | 1453.9  | 1436.0  | 1423.8  | 1409.7  | 1402.7  | 1395.5  | 1396.2  | 1396.2  | 1403.4  | 1409.7  | 1421.7  |
| 67.5°  | 1301.9  | 1288.3  | 1280.4  | 1269.2  | 1264.6  | 1257.0  | 1256.9  | 1254.5  | 1259.2  | 1261.8  | 1269.8  |
| 70°    | 1179.8  | 1166.2  | 1156.0  | 1145.2  | 1139.4  | 1132.8  | 1132.9  | 1133.1  | 1138.5  | 1144.2  | 1154.7  |
| 72.5°  | 1104.4  | 1091.3  | 1082.3  | 1072.9  | 1067.4  | 1061.7  | 1060.7  | 1060.1  | 1064.1  | 1067.2  | 1074.0  |
| 75°    | 1004.5  | 994.1   | 988.8   | 980.0   | 975.5   | 969.2   | 968.2   | 965.3   | 967.2   | 967.8   | 972.9   |
| 77.5°  | 883.3   | 873.4   | 869.2   | 860.2   | 856.6   | 849.4   | 848.8   | 845.5   | 847.0   | 846.0   | 850.0   |
| 80°    | 745.3   | 736.2   | 733.9   | 726.5   | 724.8   | 718.2   | 717.1   | 713.2   | 714.3   | 711.2   | 712.8   |
| 82.5°  | 591.1   | 582.8   | 581.1   | 574.3   | 574.3   | 568.3   | 568.0   | 562.0   | 562.0   | 556.9   | 548.6   |
| 85°    | 416.4   | 410.3   | 407.8   | 402.3   | 400.6   | 395.8   | 393.3   | 387.6   | 385.5   | 381.8   | 380.7   |
| 87.5°  | 219.7   | 215.9   | 212.5   | 209.9   | 205.0   | 196.3   | 195.6   | 189.6   | 190.0   | 185.8   | 186.1   |
| 90°    | 62.8    | 57.2    | 55.8    | 50.5    | 48.9    | 45.0    | 43.4    | 44.1    | 45.5    | 46.2    | 47.6    |
| 92.5°  | 56.4    | 54.4    | 52.3    | 50.2    | 48.1    | 46.1    | 43.9    | 46.1    | 48.1    | 50.2    | 52.3    |
| 95°    | 64.0    | 62.2    | 60.2    | 58.4    | 56.5    | 54.7    | 52.8    | 54.7    | 56.5    | 58.6    | 60.4    |
| 97.5°  | 71.2    | 70.0    | 68.8    | 67.7    | 66.5    | 65.4    | 64.2    | 65.5    | 66.7    | 67.9    | 69.0    |
| 100°   | 82.1    | 80.8    | 79.3    | 78.0    | 76.6    | 75.1    | 73.8    | 75.4    | 76.9    | 78.2    | 79.6    |
| 102.5° | 141.5   | 132.9   | 124.3   | 115.8   | 107.1   | 98.6    | 90.0    | 98.6    | 107.1   | 116.0   | 124.5   |
| 105°   | 334.7   | 305.9   | 276.9   | 247.9   | 218.8   | 189.9   | 160.9   | 189.9   | 218.9   | 248.0   | 277.2   |
| 107.5° | 672.2   | 621.4   | 570.3   | 519.3   | 468.2   | 417.2   | 366.1   | 417.4   | 468.5   | 519.5   | 570.6   |
| 110°   | 997.1   | 953.0   | 909.2   | 865.2   | 821.1   | 777.2   | 733.0   | 777.2   | 821.4   | 865.5   | 909.6   |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 167.5° | 170°   | 172.5° | 175°   | 177.5° | 180°   | 182.5° | 185°   | 187.5° | 190°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1173.3 | 1146.7 | 1119.8 | 1093.2 | 1066.4 | 1039.7 | 1012.8 | 1040.0 | 1067.0 | 1093.9 | 1120.8 |
| 115°   | 1211.0 | 1196.8 | 1182.9 | 1168.8 | 1154.5 | 1140.4 | 1126.0 | 1140.9 | 1155.3 | 1169.7 | 1184.1 |
| 117.5° | 1167.6 | 1163.0 | 1157.9 | 1153.1 | 1148.0 | 1143.1 | 1137.9 | 1143.4 | 1148.7 | 1154.3 | 1159.4 |
| 120°   | 1078.2 | 1079.1 | 1079.7 | 1080.2 | 1080.7 | 1081.1 | 1081.4 | 1081.7 | 1081.7 | 1081.7 | 1081.6 |
| 122.5° | 980.6  | 984.5  | 988.1  | 991.9  | 995.5  | 999.1  | 1002.4 | 999.7  | 996.7  | 993.8  | 990.5  |
| 125°   | 890.8  | 895.0  | 898.8  | 902.7  | 906.3  | 910.2  | 913.4  | 911.0  | 908.0  | 904.9  | 901.6  |
| 127.5° | 815.0  | 818.5  | 822.0  | 825.7  | 828.8  | 832.1  | 835.1  | 833.0  | 830.4  | 827.9  | 825.0  |
| 130°   | 752.4  | 755.5  | 758.0  | 760.9  | 763.2  | 765.5  | 767.6  | 766.4  | 764.7  | 763.5  | 761.4  |
| 132.5° | 707.5  | 710.0  | 712.1  | 714.1  | 715.8  | 717.7  | 719.0  | 718.6  | 717.7  | 716.9  | 715.6  |
| 135°   | 673.2  | 674.8  | 676.2  | 678.0  | 679.0  | 680.2  | 680.9  | 681.3  | 681.0  | 680.8  | 680.0  |
| 137.5° | 644.8  | 645.9  | 646.6  | 647.4  | 647.9  | 648.3  | 648.4  | 649.4  | 649.8  | 650.6  | 650.6  |
| 140°   | 626.4  | 627.5  | 628.3  | 629.0  | 629.8  | 630.4  | 630.4  | 631.4  | 631.9  | 632.3  | 632.3  |
| 142.5° | 607.6  | 608.5  | 609.4  | 610.3  | 610.8  | 611.2  | 611.3  | 612.3  | 612.8  | 613.2  | 613.4  |
| 145°   | 594.0  | 594.6  | 595.2  | 595.8  | 596.0  | 596.2  | 595.9  | 597.3  | 598.0  | 598.6  | 599.1  |
| 147.5° | 580.4  | 581.3  | 581.5  | 582.0  | 582.2  | 582.5  | 582.4  | 583.3  | 584.1  | 584.8  | 585.4  |
| 150°   | 570.2  | 571.3  | 572.0  | 572.9  | 573.5  | 574.0  | 574.1  | 574.9  | 575.3  | 575.7  | 575.7  |
| 152.5° | 560.3  | 561.2  | 561.9  | 562.6  | 563.3  | 563.6  | 563.8  | 564.5  | 565.2  | 565.7  | 565.9  |
| 155°   | 551.1  | 552.1  | 553.0  | 553.8  | 554.4  | 555.2  | 555.8  | 556.4  | 556.9  | 557.1  | 557.4  |
| 157.5° | 543.6  | 544.6  | 545.3  | 546.2  | 546.8  | 547.7  | 548.3  | 549.0  | 549.5  | 550.1  | 550.4  |
| 160°   | 538.5  | 539.6  | 540.2  | 541.0  | 541.8  | 542.5  | 543.1  | 543.9  | 544.4  | 544.8  | 545.5  |
| 162.5° | 536.1  | 537.0  | 537.5  | 538.3  | 539.0  | 539.8  | 540.4  | 541.0  | 541.7  | 542.3  | 542.7  |
| 165°   | 532.2  | 533.2  | 534.0  | 535.0  | 535.9  | 537.0  | 537.7  | 538.1  | 538.3  | 538.7  | 538.8  |
| 167.5° | 533.8  | 534.7  | 535.4  | 536.4  | 537.1  | 538.1  | 538.9  | 539.3  | 539.4  | 539.7  | 539.8  |
| 170°   | 534.2  | 535.0  | 535.8  | 536.5  | 537.4  | 538.2  | 538.7  | 538.9  | 539.1  | 539.3  | 539.5  |
| 172.5° | 534.2  | 535.2  | 536.0  | 537.1  | 537.8  | 538.7  | 539.5  | 539.6  | 539.4  | 539.3  | 539.0  |
| 175°   | 534.9  | 535.9  | 536.5  | 537.3  | 537.8  | 538.6  | 539.4  | 539.0  | 539.0  | 538.7  | 538.5  |
| 177.5° | 539.7  | 540.7  | 541.4  | 542.1  | 543.1  | 543.8  | 544.5  | 543.9  | 543.4  | 542.7  | 542.0  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 192.5°  | 195°    | 197.5°  | 200°    | 202.5°  | 205°    | 207.5°  | 210°    | 212.5°  | 215°    | 217.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39610.0 | 39629.8 | 39660.2 | 39687.6 | 39729.0 | 39761.6 | 39810.6 | 39847.8 | 39903.1 | 39939.0 | 39999.2 |
| 5°     | 39613.5 | 39691.0 | 39792.9 | 39892.4 | 40012.0 | 40120.5 | 40255.3 | 40370.2 | 40505.8 | 40616.4 | 40755.1 |
| 7.5°   | 39669.6 | 39819.0 | 39998.1 | 40178.5 | 40382.7 | 40573.7 | 40788.8 | 40983.5 | 41196.4 | 41376.5 | 41573.2 |
| 10°    | 39710.9 | 39941.4 | 40205.4 | 40471.0 | 40750.5 | 41010.3 | 41272.6 | 41499.2 | 41710.9 | 41885.3 | 42039.2 |
| 12.5°  | 39654.9 | 39972.4 | 40311.1 | 40638.2 | 40949.1 | 41218.0 | 41443.6 | 41617.8 | 41738.2 | 41819.8 | 41838.9 |
| 15°    | 39464.4 | 39846.4 | 40214.8 | 40540.5 | 40798.5 | 40997.5 | 41100.5 | 41148.6 | 41097.0 | 41011.1 | 40822.2 |
| 17.5°  | 39108.7 | 39511.6 | 39840.9 | 40097.9 | 40234.2 | 40288.2 | 40202.9 | 40054.4 | 39764.4 | 39442.5 | 38977.6 |
| 20°    | 38456.3 | 38831.8 | 39070.7 | 39210.9 | 39174.4 | 39039.5 | 38717.4 | 38325.9 | 37746.8 | 37129.8 | 36315.4 |
| 22.5°  | 37312.2 | 37640.6 | 37767.8 | 37778.2 | 37555.6 | 37218.0 | 36637.0 | 35965.5 | 35052.1 | 34102.3 | 32934.4 |
| 25°    | 35594.9 | 35882.4 | 35902.5 | 35789.6 | 35382.3 | 34835.1 | 33982.1 | 33032.2 | 31790.8 | 30525.4 | 29061.8 |
| 27.5°  | 33265.8 | 33541.6 | 33474.1 | 33263.3 | 32697.9 | 31965.7 | 30873.5 | 29646.3 | 28116.0 | 26621.4 | 25002.4 |
| 30°    | 30338.0 | 30632.9 | 30553.6 | 30283.3 | 29610.8 | 28745.4 | 27460.2 | 26034.5 | 24335.4 | 22739.1 | 21098.5 |
| 32.5°  | 26834.2 | 27207.1 | 27152.4 | 26895.4 | 26193.7 | 25267.4 | 23873.1 | 22360.9 | 20622.6 | 19049.5 | 17453.6 |
| 35°    | 22851.8 | 23304.4 | 23327.9 | 23159.9 | 22508.5 | 21593.0 | 20216.1 | 18752.4 | 17087.3 | 15603.1 | 14128.8 |
| 37.5°  | 18561.1 | 19085.9 | 19193.7 | 19148.4 | 18608.6 | 17800.4 | 16545.8 | 15232.7 | 13757.7 | 12456.9 | 11196.0 |
| 40°    | 14246.7 | 14778.0 | 14962.3 | 15017.0 | 14618.6 | 13992.6 | 12963.0 | 11903.2 | 10700.6 | 9646.6  | 8645.4  |
| 42.5°  | 10312.2 | 10783.1 | 10961.3 | 11073.4 | 10824.6 | 10407.2 | 9656.2  | 8886.5  | 8005.6  | 7245.3  | 6516.4  |
| 45°    | 7162.1  | 7495.2  | 7630.6  | 7743.5  | 7608.0  | 7372.5  | 6898.2  | 6416.8  | 5835.3  | 5338.5  | 4868.2  |
| 47.5°  | 5007.4  | 5191.2  | 5280.6  | 5335.2  | 5282.8  | 5159.9  | 4901.8  | 4623.0  | 4294.7  | 4004.4  | 3725.3  |
| 50°    | 3711.6  | 3809.3  | 3856.2  | 3887.8  | 3849.5  | 3781.2  | 3641.6  | 3489.8  | 3309.5  | 3145.1  | 2984.3  |
| 52.5°  | 2941.3  | 2997.4  | 3025.2  | 3042.2  | 3020.3  | 2978.6  | 2897.2  | 2807.2  | 2699.1  | 2597.5  | 2544.1  |
| 55°    | 2477.9  | 2475.0  | 2539.2  | 2508.2  | 2539.2  | 2470.0  | 2455.4  | 2356.5  | 2266.7  | 2203.5  | 2135.1  |
| 57.5°  | 2043.5  | 2072.6  | 2084.9  | 2098.7  | 2089.8  | 2077.1  | 2042.6  | 2007.1  | 1959.8  | 1920.2  | 1878.0  |
| 60°    | 1768.9  | 1792.8  | 1806.4  | 1820.1  | 1819.2  | 1814.5  | 1794.5  | 1773.2  | 1743.7  | 1720.0  | 1694.4  |
| 62.5°  | 1579.7  | 1600.5  | 1613.8  | 1626.9  | 1628.1  | 1626.2  | 1611.0  | 1596.4  | 1576.2  | 1561.4  | 1543.7  |
| 65°    | 1430.9  | 1445.4  | 1454.5  | 1465.0  | 1464.4  | 1461.6  | 1447.9  | 1435.7  | 1419.1  | 1408.9  | 1395.9  |
| 67.5°  | 1275.1  | 1286.2  | 1293.2  | 1303.1  | 1305.0  | 1305.6  | 1298.0  | 1292.3  | 1284.3  | 1281.4  | 1276.9  |
| 70°    | 1164.4  | 1177.8  | 1189.1  | 1201.6  | 1208.3  | 1211.6  | 1208.3  | 1205.4  | 1200.7  | 1198.6  | 1195.3  |
| 72.5°  | 1080.5  | 1091.9  | 1100.7  | 1112.1  | 1118.4  | 1122.9  | 1120.4  | 1118.7  | 1114.7  | 1114.1  | 1111.8  |
| 75°    | 976.4   | 984.3   | 989.2   | 997.7   | 1001.1  | 1005.4  | 1003.5  | 1004.5  | 1003.2  | 1006.5  | 1006.3  |
| 77.5°  | 851.2   | 857.0   | 859.4   | 865.5   | 866.2   | 871.3   | 872.5   | 878.5   | 882.7   | 892.1   | 897.2   |
| 80°    | 710.3   | 714.0   | 714.0   | 720.3   | 723.1   | 731.9   | 735.9   | 745.8   | 750.4   | 758.7   | 759.5   |
| 82.5°  | 551.8   | 547.5   | 551.8   | 549.2   | 557.2   | 566.9   | 568.3   | 576.6   | 578.6   | 583.9   | 579.7   |
| 85°    | 377.3   | 377.0   | 373.6   | 374.2   | 371.7   | 372.8   | 371.4   | 373.0   | 371.5   | 371.7   | 367.9   |
| 87.5°  | 180.7   | 182.4   | 178.4   | 179.8   | 175.9   | 177.6   | 174.2   | 177.0   | 173.0   | 173.6   | 167.6   |
| 90°    | 48.7    | 50.0    | 51.0    | 52.5    | 54.4    | 58.2    | 62.2    | 66.0    | 70.5    | 74.4    | 78.5    |
| 92.5°  | 54.4    | 56.6    | 58.8    | 60.8    | 62.9    | 69.2    | 75.4    | 81.7    | 88.1    | 94.2    | 100.5   |
| 95°    | 62.3    | 64.2    | 66.0    | 68.2    | 70.0    | 79.0    | 88.1    | 97.2    | 106.3   | 115.3   | 124.4   |
| 97.5°  | 70.5    | 71.7    | 72.8    | 74.0    | 75.2    | 85.9    | 96.6    | 107.2   | 117.9   | 128.7   | 139.2   |
| 100°   | 81.2    | 82.5    | 83.9    | 85.5    | 86.9    | 111.5   | 136.1   | 160.7   | 185.3   | 209.7   | 234.4   |
| 102.5° | 133.2   | 141.8   | 150.4   | 159.2   | 167.8   | 227.5   | 287.2   | 346.8   | 406.2   | 465.9   | 525.4   |
| 105°   | 306.2   | 335.2   | 364.6   | 393.6   | 422.6   | 512.8   | 603.2   | 693.5   | 783.6   | 873.6   | 964.0   |
| 107.5° | 621.8   | 672.9   | 724.1   | 775.2   | 826.3   | 911.2   | 996.0   | 1080.9  | 1165.9  | 1250.6  | 1335.2  |
| 110°   | 953.9   | 997.7   | 1042.1  | 1086.3  | 1130.4  | 1197.7  | 1265.2  | 1332.5  | 1399.9  | 1467.1  | 1534.4  |



TEST NUMBER: P1444552  
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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° | 1147.8 | 1174.7 | 1201.6 | 1228.2 | 1255.2 | 1304.5 | 1354.3 | 1403.5 | 1453.1 | 1502.2 | 1551.6 |
| 115°   | 1198.5 | 1212.4 | 1226.8 | 1240.9 | 1255.3 | 1285.1 | 1314.9 | 1344.8 | 1374.6 | 1404.3 | 1434.2 |
| 117.5° | 1164.7 | 1169.8 | 1175.1 | 1179.8 | 1185.0 | 1200.4 | 1215.7 | 1230.9 | 1246.3 | 1261.7 | 1276.9 |
| 120°   | 1081.4 | 1081.0 | 1080.7 | 1080.2 | 1079.9 | 1084.4 | 1089.5 | 1094.1 | 1099.0 | 1103.5 | 1108.2 |
| 122.5° | 987.3  | 983.7  | 980.4  | 976.8  | 973.3  | 971.5  | 970.0  | 968.2  | 966.8  | 965.0  | 963.3  |
| 125°   | 898.3  | 894.6  | 891.2  | 887.4  | 883.7  | 879.4  | 875.3  | 870.8  | 866.5  | 862.2  | 857.8  |
| 127.5° | 822.3  | 819.0  | 816.1  | 812.6  | 809.3  | 804.3  | 799.5  | 794.6  | 789.9  | 784.8  | 780.0  |
| 130°   | 759.5  | 757.1  | 755.1  | 752.2  | 750.0  | 745.4  | 741.5  | 737.0  | 732.7  | 728.5  | 724.2  |
| 132.5° | 714.3  | 712.8  | 711.1  | 709.1  | 707.4  | 703.5  | 699.9  | 695.8  | 692.0  | 688.0  | 684.4  |
| 135°   | 679.5  | 678.4  | 677.7  | 676.4  | 675.3  | 672.1  | 669.4  | 666.4  | 663.5  | 660.6  | 657.7  |
| 137.5° | 650.7  | 650.3  | 650.1  | 649.7  | 649.3  | 646.7  | 644.4  | 641.9  | 639.6  | 637.0  | 634.7  |
| 140°   | 632.5  | 632.3  | 632.0  | 631.6  | 631.2  | 628.6  | 626.1  | 623.5  | 620.9  | 618.2  | 615.7  |
| 142.5° | 613.4  | 613.3  | 613.1  | 612.7  | 612.5  | 610.3  | 608.5  | 606.5  | 604.5  | 602.5  | 600.6  |
| 145°   | 599.4  | 599.5  | 599.8  | 599.6  | 599.8  | 597.3  | 595.2  | 592.6  | 590.5  | 588.1  | 585.8  |
| 147.5° | 585.9  | 586.0  | 586.4  | 586.5  | 586.9  | 584.8  | 583.0  | 581.0  | 579.3  | 577.1  | 575.5  |
| 150°   | 576.0  | 576.1  | 576.1  | 576.0  | 575.9  | 573.7  | 571.9  | 569.9  | 568.1  | 565.9  | 564.1  |
| 152.5° | 566.2  | 566.4  | 566.5  | 566.7  | 566.9  | 564.9  | 563.0  | 560.8  | 558.8  | 556.6  | 554.6  |
| 155°   | 557.7  | 557.8  | 558.0  | 558.0  | 558.0  | 556.2  | 554.3  | 552.3  | 550.5  | 548.4  | 546.6  |
| 157.5° | 550.6  | 550.9  | 551.2  | 551.4  | 551.5  | 549.9  | 548.2  | 546.7  | 545.0  | 543.3  | 541.6  |
| 160°   | 545.8  | 546.2  | 546.5  | 546.7  | 547.0  | 545.6  | 544.4  | 542.8  | 541.7  | 540.0  | 538.4  |
| 162.5° | 543.2  | 543.6  | 543.9  | 544.1  | 544.3  | 543.0  | 541.8  | 540.5  | 539.1  | 537.4  | 536.0  |
| 165°   | 539.2  | 539.1  | 539.3  | 539.2  | 539.3  | 538.3  | 537.6  | 536.6  | 535.7  | 534.6  | 533.8  |
| 167.5° | 540.1  | 539.9  | 540.2  | 540.1  | 540.2  | 539.5  | 539.2  | 538.4  | 537.8  | 537.0  | 536.3  |
| 170°   | 539.6  | 539.6  | 539.7  | 539.5  | 539.6  | 538.9  | 538.4  | 537.8  | 537.4  | 536.3  | 535.6  |
| 172.5° | 538.9  | 538.6  | 538.5  | 538.3  | 537.9  | 537.5  | 537.2  | 536.8  | 536.4  | 535.9  | 535.4  |
| 175°   | 538.2  | 537.8  | 537.8  | 537.5  | 537.1  | 537.1  | 536.8  | 536.7  | 536.4  | 536.2  | 535.9  |
| 177.5° | 541.6  | 541.1  | 540.4  | 539.8  | 539.3  | 539.1  | 538.9  | 538.7  | 538.8  | 538.5  | 538.3  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
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**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 222.5°  | 225°    | 227.5°  | 230°    | 232.5°  | 235°    | 237.5°  | 240°    | 242.5°  | 245°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 40036.4 | 39789.1 | 39756.5 | 39773.8 | 39815.1 | 39830.4 | 39875.1 | 39887.3 | 39932.1 | 39943.1 | 39986.2 |
| 5°     | 40862.5 | 40535.7 | 40552.0 | 40630.6 | 40749.6 | 40820.4 | 40937.4 | 40998.6 | 41110.2 | 41160.9 | 41261.8 |
| 7.5°   | 41733.6 | 41477.0 | 41557.0 | 41689.5 | 41852.1 | 41964.8 | 42105.3 | 42196.7 | 42317.8 | 42393.0 | 42489.8 |
| 10°    | 42161.3 | 42091.0 | 42179.1 | 42283.4 | 42376.2 | 42448.8 | 42508.3 | 42556.1 | 42587.2 | 42616.5 | 42629.3 |
| 12.5°  | 41835.8 | 41944.6 | 41959.6 | 41949.6 | 41888.0 | 41841.2 | 41735.7 | 41664.0 | 41536.8 | 41459.3 | 41308.0 |
| 15°    | 40629.2 | 40868.5 | 40736.0 | 40535.4 | 40241.9 | 39997.1 | 39651.5 | 39394.1 | 39034.2 | 38790.0 | 38428.9 |
| 17.5°  | 38511.7 | 38813.7 | 38468.4 | 38004.3 | 37413.8 | 36908.5 | 36279.5 | 35780.2 | 35154.6 | 34699.8 | 34116.1 |
| 20°    | 35530.6 | 35812.8 | 35197.0 | 34427.5 | 33514.1 | 32745.3 | 31838.7 | 31115.4 | 30273.0 | 29646.3 | 28890.0 |
| 22.5°  | 31818.9 | 32020.0 | 31152.3 | 30115.0 | 28951.2 | 27990.8 | 26907.0 | 26039.7 | 25078.4 | 24361.9 | 23555.6 |
| 25°    | 27712.6 | 27766.8 | 26726.1 | 25531.1 | 24234.0 | 23154.6 | 21997.4 | 21085.7 | 20105.2 | 19379.1 | 18587.6 |
| 27.5°  | 23568.1 | 23488.5 | 22363.6 | 21096.4 | 19732.1 | 18610.2 | 17481.5 | 16627.1 | 15768.4 | 15114.3 | 14432.5 |
| 30°    | 19656.1 | 19463.5 | 18295.6 | 16993.1 | 15668.7 | 14663.2 | 13726.1 | 13040.0 | 12356.8 | 11838.0 | 11290.7 |
| 32.5°  | 16068.8 | 15797.1 | 14660.2 | 13439.9 | 12324.0 | 11548.0 | 10853.2 | 10334.0 | 9782.3  | 9344.0  | 8884.7  |
| 35°    | 12891.5 | 12601.9 | 11594.7 | 10560.2 | 9715.6  | 9143.6  | 8597.5  | 8171.6  | 7703.1  | 7333.4  | 6934.5  |
| 37.5°  | 10164.6 | 9927.2  | 9083.6  | 8269.5  | 7630.6  | 7187.4  | 6739.9  | 6391.8  | 6004.8  | 5842.1  | 5415.8  |
| 40°    | 7847.0  | 7681.1  | 7021.5  | 6421.4  | 5941.6  | 5733.4  | 5279.2  | 4954.1  | 4664.7  | 4426.2  | 4195.2  |
| 42.5°  | 6120.8  | 6062.1  | 5420.1  | 4952.1  | 4614.3  | 4351.9  | 4098.8  | 3893.3  | 3693.3  | 3528.9  | 3373.6  |
| 45°    | 4491.8  | 4445.3  | 4160.3  | 3890.1  | 3659.9  | 3476.6  | 3305.5  | 3164.2  | 3033.4  | 2925.1  | 2826.4  |
| 47.5°  | 3497.7  | 3482.9  | 3318.7  | 3151.2  | 3006.2  | 2888.4  | 2777.4  | 2683.5  | 2596.7  | 2524.4  | 2500.8  |
| 50°    | 2844.9  | 2842.9  | 2746.6  | 2643.2  | 2540.0  | 2471.9  | 2401.0  | 2345.5  | 2289.8  | 2246.4  | 2200.6  |
| 52.5°  | 2417.2  | 2406.7  | 2341.7  | 2277.9  | 2216.6  | 2171.9  | 2126.6  | 2091.1  | 2054.1  | 2027.4  | 1998.9  |
| 55°    | 2081.0  | 2092.0  | 2054.3  | 2016.2  | 1977.8  | 1950.1  | 1918.3  | 1894.9  | 1869.6  | 1852.7  | 1835.5  |
| 57.5°  | 1847.4  | 1862.0  | 1842.3  | 1820.7  | 1797.3  | 1779.0  | 1757.0  | 1741.0  | 1724.0  | 1713.2  | 1703.2  |
| 60°    | 1677.5  | 1693.4  | 1685.5  | 1674.6  | 1660.2  | 1649.3  | 1635.4  | 1626.3  | 1615.5  | 1609.5  | 1603.8  |
| 62.5°  | 1533.4  | 1553.2  | 1550.4  | 1545.3  | 1536.1  | 1530.0  | 1522.4  | 1518.4  | 1511.2  | 1508.5  | 1505.9  |
| 65°    | 1389.6  | 1411.9  | 1411.5  | 1409.0  | 1403.8  | 1402.1  | 1397.3  | 1396.4  | 1392.8  | 1394.2  | 1393.9  |
| 67.5°  | 1276.4  | 1295.9  | 1300.2  | 1303.3  | 1303.1  | 1304.2  | 1303.8  | 1305.7  | 1305.7  | 1308.5  | 1310.2  |
| 70°    | 1194.9  | 1208.3  | 1211.6  | 1214.8  | 1215.7  | 1218.3  | 1218.3  | 1220.0  | 1219.5  | 1221.9  | 1222.2  |
| 72.5°  | 1112.3  | 1130.1  | 1133.4  | 1136.0  | 1136.0  | 1138.5  | 1137.2  | 1136.8  | 1133.2  | 1132.5  | 1130.0  |
| 75°    | 1009.7  | 1032.5  | 1037.5  | 1040.7  | 1041.2  | 1043.3  | 1040.2  | 1038.4  | 1032.5  | 1030.1  | 1026.0  |
| 77.5°  | 902.4   | 926.1   | 929.7   | 930.8   | 928.9   | 929.4   | 922.9   | 918.5   | 911.0   | 907.9   | 903.9   |
| 80°    | 762.9   | 797.7   | 800.5   | 798.3   | 792.9   | 792.0   | 785.7   | 781.5   | 772.6   | 769.5   | 766.1   |
| 82.5°  | 580.5   | 621.4   | 627.2   | 629.7   | 625.2   | 626.3   | 620.2   | 617.8   | 609.6   | 608.1   | 602.7   |
| 85°    | 366.5   | 407.4   | 414.1   | 413.2   | 408.7   | 407.7   | 404.1   | 405.3   | 404.6   | 406.9   | 408.0   |
| 87.5°  | 168.4   | 208.0   | 217.5   | 214.5   | 214.0   | 211.2   | 204.9   | 207.2   | 211.1   | 213.5   | 213.7   |
| 90°    | 82.5    | 98.5    | 102.2   | 99.9    | 93.6    | 90.7    | 84.7    | 82.4    | 77.1    | 74.8    | 69.5    |
| 92.5°  | 106.9   | 113.1   | 119.4   | 113.7   | 108.2   | 102.6   | 97.1    | 91.2    | 85.9    | 80.1    | 74.8    |
| 95°    | 133.4   | 142.2   | 151.3   | 143.8   | 136.2   | 128.8   | 121.3   | 113.9   | 106.5   | 99.0    | 91.6    |
| 97.5°  | 149.9   | 160.3   | 170.8   | 163.3   | 155.9   | 148.4   | 140.9   | 133.5   | 126.1   | 118.4   | 111.0   |
| 100°   | 258.9   | 282.9   | 307.4   | 286.2   | 265.0   | 244.0   | 222.8   | 201.5   | 180.3   | 159.3   | 138.1   |
| 102.5° | 584.9   | 644.2   | 703.6   | 649.9   | 596.5   | 542.9   | 489.5   | 436.0   | 382.6   | 328.9   | 275.6   |
| 105°   | 1054.0  | 1143.7  | 1233.6  | 1151.7  | 1070.1  | 988.4   | 906.8   | 825.1   | 743.5   | 661.8   | 580.2   |
| 107.5° | 1420.0  | 1503.8  | 1588.1  | 1514.3  | 1440.4  | 1366.6  | 1292.6  | 1218.9  | 1145.0  | 1071.1  | 997.4   |
| 110°   | 1601.6  | 1667.6  | 1734.6  | 1684.7  | 1635.3  | 1585.4  | 1536.0  | 1486.2  | 1436.8  | 1387.3  | 1337.9  |



TEST NUMBER: P1444552  
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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° | 1600.7 | 1648.5 | 1697.2 | 1667.8 | 1638.9 | 1609.8 | 1580.8 | 1551.6 | 1522.8 | 1493.6 | 1465.0 |
| 115°   | 1463.6 | 1491.4 | 1520.5 | 1508.6 | 1497.2 | 1485.6 | 1473.9 | 1462.5 | 1450.9 | 1439.4 | 1428.3 |
| 117.5° | 1292.0 | 1304.7 | 1319.3 | 1316.8 | 1314.7 | 1312.3 | 1310.2 | 1307.8 | 1305.9 | 1303.8 | 1301.8 |
| 120°   | 1112.7 | 1114.7 | 1118.6 | 1119.7 | 1121.2 | 1122.3 | 1123.8 | 1125.1 | 1126.5 | 1128.0 | 1129.5 |
| 122.5° | 961.5  | 956.8  | 954.1  | 955.3  | 956.3  | 957.4  | 958.7  | 959.7  | 961.0  | 962.3  | 963.8  |
| 125°   | 853.5  | 845.7  | 840.3  | 838.0  | 836.0  | 833.7  | 831.4  | 829.2  | 827.2  | 825.0  | 823.1  |
| 127.5° | 774.9  | 766.5  | 760.7  | 755.8  | 751.0  | 746.0  | 741.2  | 736.3  | 731.7  | 726.7  | 722.2  |
| 130°   | 719.9  | 711.9  | 706.5  | 700.4  | 694.5  | 688.2  | 682.4  | 676.4  | 670.3  | 664.3  | 658.4  |
| 132.5° | 680.4  | 672.4  | 667.6  | 661.9  | 656.2  | 650.3  | 644.6  | 638.7  | 632.9  | 626.9  | 621.2  |
| 135°   | 654.7  | 647.5  | 643.6  | 638.2  | 633.3  | 627.8  | 622.5  | 617.2  | 612.0  | 606.4  | 601.6  |
| 137.5° | 632.2  | 625.1  | 621.8  | 617.6  | 613.5  | 609.1  | 605.1  | 600.6  | 596.3  | 591.8  | 587.7  |
| 140°   | 613.2  | 605.7  | 602.2  | 599.8  | 597.5  | 594.8  | 592.4  | 589.8  | 587.4  | 584.9  | 582.3  |
| 142.5° | 598.5  | 591.5  | 588.4  | 586.8  | 585.5  | 583.6  | 582.4  | 580.6  | 579.1  | 577.0  | 575.5  |
| 145°   | 583.6  | 575.8  | 572.4  | 572.0  | 572.0  | 571.6  | 571.4  | 571.1  | 570.9  | 570.4  | 570.1  |
| 147.5° | 573.3  | 565.3  | 562.0  | 562.3  | 562.5  | 562.6  | 563.0  | 562.9  | 563.3  | 563.3  | 563.5  |
| 150°   | 562.0  | 552.8  | 549.0  | 549.7  | 550.1  | 550.7  | 551.3  | 551.8  | 552.6  | 553.1  | 553.7  |
| 152.5° | 552.3  | 541.4  | 537.2  | 537.8  | 538.7  | 539.2  | 540.0  | 540.8  | 541.6  | 542.5  | 543.2  |
| 155°   | 544.2  | 532.6  | 528.0  | 528.0  | 528.3  | 528.5  | 528.9  | 529.4  | 529.9  | 530.3  | 530.9  |
| 157.5° | 539.7  | 527.5  | 523.0  | 522.6  | 522.8  | 522.8  | 523.0  | 523.2  | 523.5  | 523.7  | 524.3  |
| 160°   | 537.0  | 524.8  | 520.5  | 520.1  | 520.2  | 520.1  | 520.1  | 520.1  | 520.4  | 520.6  | 521.1  |
| 162.5° | 534.4  | 522.4  | 518.3  | 517.9  | 517.8  | 517.7  | 517.7  | 517.6  | 517.8  | 517.8  | 518.3  |
| 165°   | 532.5  | 522.2  | 518.5  | 518.4  | 518.6  | 518.5  | 518.6  | 518.8  | 519.2  | 519.4  | 519.9  |
| 167.5° | 535.3  | 526.1  | 523.2  | 522.7  | 522.3  | 521.8  | 521.8  | 521.3  | 521.3  | 521.0  | 521.0  |
| 170°   | 534.7  | 527.5  | 524.9  | 524.8  | 525.0  | 525.0  | 524.9  | 525.0  | 525.0  | 525.0  | 525.2  |
| 172.5° | 534.9  | 529.6  | 527.7  | 528.0  | 528.4  | 528.7  | 529.2  | 529.5  | 530.0  | 530.4  | 530.9  |
| 175°   | 535.7  | 532.5  | 531.7  | 531.6  | 531.9  | 532.1  | 532.4  | 532.6  | 532.9  | 533.1  | 533.7  |
| 177.5° | 538.3  | 537.3  | 536.8  | 536.8  | 536.8  | 536.8  | 536.8  | 536.8  | 536.8  | 537.0  | 537.0  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 247.5°  | 250°    | 252.5°  | 255°    | 257.5°  | 260°    | 262.5°  | 265°    | 267.5°  | 270°    | 272.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39994.3 | 40041.0 | 40037.4 | 40080.9 | 40078.8 | 40119.8 | 40111.5 | 40146.9 | 40138.9 | 40169.1 | 40151.4 |
| 5°     | 41306.2 | 41394.9 | 41424.1 | 41504.2 | 41520.8 | 41592.4 | 41593.9 | 41650.8 | 41643.9 | 41688.4 | 41664.8 |
| 7.5°   | 42547.2 | 42630.0 | 42669.3 | 42731.5 | 42762.6 | 42814.0 | 42834.1 | 42876.5 | 42886.7 | 42911.7 | 42910.9 |
| 10°    | 42651.9 | 42651.7 | 42671.0 | 42662.4 | 42679.8 | 42669.7 | 42690.9 | 42683.3 | 42714.6 | 42706.5 | 42730.2 |
| 12.5°  | 41242.7 | 41102.8 | 41051.8 | 40926.1 | 40898.7 | 40790.9 | 40798.5 | 40729.4 | 40762.7 | 40720.3 | 40792.6 |
| 15°    | 38214.0 | 37889.6 | 37729.2 | 37447.1 | 37358.6 | 37135.6 | 37117.5 | 36969.4 | 37009.4 | 36932.0 | 37045.2 |
| 17.5°  | 33738.3 | 33227.5 | 32947.2 | 32535.3 | 32371.7 | 32056.4 | 31993.2 | 31802.6 | 31832.1 | 31736.1 | 31872.9 |
| 20°    | 28402.2 | 27785.0 | 27431.3 | 26955.1 | 26742.5 | 26366.6 | 26266.8 | 26053.6 | 26080.4 | 25984.8 | 26139.5 |
| 22.5°  | 23005.2 | 22359.1 | 21960.0 | 21460.6 | 21189.3 | 20835.7 | 20729.6 | 20515.3 | 20527.5 | 20437.8 | 20586.7 |
| 25°    | 18045.5 | 17426.1 | 17038.7 | 16585.1 | 16349.6 | 16025.5 | 15914.0 | 15721.6 | 15732.5 | 15658.5 | 15792.1 |
| 27.5°  | 13959.5 | 13451.3 | 13127.1 | 12746.9 | 12535.8 | 12269.4 | 12160.7 | 11998.9 | 11998.5 | 11944.2 | 12055.8 |
| 30°    | 10908.6 | 10484.5 | 10193.4 | 9862.4  | 9664.1  | 9423.6  | 9318.6  | 9173.9  | 9167.6  | 9129.1  | 9217.7  |
| 32.5°  | 8541.2  | 8163.9  | 7898.4  | 7607.2  | 7429.1  | 7222.8  | 7123.4  | 7007.1  | 6996.5  | 6961.6  | 7034.4  |
| 35°    | 6639.7  | 6322.0  | 6093.7  | 5848.4  | 5866.5  | 5562.0  | 5612.6  | 5376.2  | 5312.1  | 5298.0  | 5352.2  |
| 37.5°  | 5131.7  | 4885.6  | 4700.2  | 4516.5  | 4392.1  | 4263.4  | 4194.1  | 4131.9  | 4124.9  | 4118.8  | 4156.8  |
| 40°    | 4016.7  | 3844.5  | 3709.7  | 3583.6  | 3498.0  | 3419.5  | 3376.1  | 3342.0  | 3333.8  | 3329.3  | 3352.3  |
| 42.5°  | 3250.9  | 3134.8  | 3047.8  | 2970.9  | 2918.8  | 2876.2  | 2852.3  | 2833.4  | 2827.0  | 2827.2  | 2840.7  |
| 45°    | 2746.6  | 2676.2  | 2620.1  | 2572.3  | 2539.0  | 2553.7  | 2510.7  | 2533.2  | 2503.5  | 2534.2  | 2513.9  |
| 47.5°  | 2418.8  | 2358.8  | 2324.1  | 2290.2  | 2270.1  | 2253.9  | 2254.5  | 2254.8  | 2261.2  | 2262.1  | 2268.7  |
| 50°    | 2165.8  | 2131.1  | 2107.0  | 2085.4  | 2074.9  | 2066.4  | 2069.4  | 2071.5  | 2077.7  | 2078.2  | 2083.0  |
| 52.5°  | 1978.6  | 1955.8  | 1941.3  | 1927.8  | 1923.1  | 1918.3  | 1920.3  | 1919.5  | 1922.3  | 1920.8  | 1924.8  |
| 55°    | 1826.2  | 1815.5  | 1811.0  | 1805.9  | 1806.7  | 1805.3  | 1806.2  | 1801.4  | 1798.5  | 1794.8  | 1798.2  |
| 57.5°  | 1701.2  | 1699.7  | 1702.8  | 1704.9  | 1710.6  | 1712.6  | 1714.0  | 1708.4  | 1703.1  | 1698.3  | 1701.1  |
| 60°    | 1604.9  | 1607.2  | 1614.9  | 1621.0  | 1629.3  | 1633.1  | 1635.5  | 1632.3  | 1628.4  | 1624.4  | 1626.8  |
| 62.5°  | 1509.9  | 1513.6  | 1522.7  | 1529.6  | 1539.6  | 1544.7  | 1550.4  | 1550.7  | 1552.3  | 1550.7  | 1552.4  |
| 65°    | 1399.5  | 1404.1  | 1412.3  | 1418.1  | 1427.4  | 1431.9  | 1437.8  | 1438.8  | 1442.0  | 1441.3  | 1444.2  |
| 67.5°  | 1315.7  | 1319.8  | 1326.7  | 1332.2  | 1340.4  | 1345.2  | 1350.3  | 1350.6  | 1351.7  | 1351.5  | 1354.1  |
| 70°    | 1226.3  | 1228.3  | 1234.5  | 1239.1  | 1247.3  | 1252.2  | 1258.1  | 1259.8  | 1263.5  | 1264.1  | 1267.0  |
| 72.5°  | 1131.0  | 1130.1  | 1133.8  | 1135.8  | 1142.0  | 1145.9  | 1153.4  | 1157.4  | 1163.6  | 1165.3  | 1167.5  |
| 75°    | 1027.1  | 1026.2  | 1030.7  | 1032.5  | 1037.8  | 1041.6  | 1050.0  | 1055.4  | 1064.9  | 1068.9  | 1067.9  |
| 77.5°  | 907.0   | 909.0   | 917.3   | 921.8   | 928.9   | 933.7   | 944.7   | 953.3   | 970.9   | 978.4   | 970.7   |
| 80°    | 772.6   | 774.8   | 783.4   | 787.6   | 796.8   | 802.7   | 815.0   | 825.0   | 840.9   | 844.2   | 839.8   |
| 82.5°  | 607.4   | 608.0   | 615.6   | 618.9   | 630.9   | 639.7   | 655.1   | 663.1   | 672.8   | 671.4   | 670.2   |
| 85°    | 414.1   | 419.7   | 429.3   | 438.9   | 453.6   | 467.6   | 482.3   | 494.3   | 485.8   | 499.2   | 484.1   |
| 87.5°  | 221.4   | 220.8   | 233.7   | 231.6   | 252.2   | 264.1   | 276.8   | 282.8   | 289.6   | 288.3   | 288.4   |
| 90°    | 67.7    | 64.1    | 63.9    | 59.9    | 60.7    | 56.5    | 58.3    | 54.4    | 56.9    | 52.2    | 59.3    |
| 92.5°  | 68.9    | 66.1    | 62.9    | 60.1    | 56.9    | 54.0    | 50.8    | 47.8    | 44.8    | 41.8    | 44.8    |
| 95°    | 84.2    | 81.4    | 78.6    | 75.7    | 72.9    | 70.2    | 67.4    | 64.6    | 61.9    | 59.0    | 62.5    |
| 97.5°  | 103.6   | 101.9   | 100.3   | 98.7    | 97.1    | 95.4    | 93.8    | 92.2    | 90.5    | 88.8    | 91.1    |
| 100°   | 116.9   | 116.9   | 116.9   | 116.9   | 116.6   | 116.6   | 116.6   | 116.6   | 116.6   | 116.6   | 118.5   |
| 102.5° | 221.9   | 216.6   | 211.3   | 205.8   | 200.4   | 195.0   | 189.7   | 184.3   | 179.0   | 173.7   | 181.5   |
| 105°   | 498.6   | 477.7   | 456.7   | 435.8   | 414.7   | 393.9   | 372.9   | 352.1   | 331.1   | 310.3   | 331.9   |
| 107.5° | 923.9   | 885.6   | 847.4   | 809.3   | 771.0   | 733.0   | 694.9   | 656.8   | 618.8   | 580.7   | 614.8   |
| 110°   | 1288.3  | 1247.8  | 1207.3  | 1166.8  | 1126.4  | 1085.8  | 1045.4  | 1005.0  | 964.7   | 924.2   | 956.7   |



TEST NUMBER: P1444552  
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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° | 1436.1 | 1409.6 | 1383.5 | 1357.4 | 1331.2 | 1305.1 | 1279.0 | 1253.0 | 1227.1 | 1201.1 | 1216.9 |
| 115°   | 1416.7 | 1404.2 | 1391.6 | 1379.2 | 1366.7 | 1354.2 | 1341.8 | 1329.4 | 1317.1 | 1304.8 | 1305.8 |
| 117.5° | 1299.8 | 1295.4 | 1291.1 | 1287.0 | 1282.7 | 1278.5 | 1274.5 | 1270.6 | 1266.4 | 1262.6 | 1253.8 |
| 120°   | 1131.3 | 1132.3 | 1133.4 | 1134.6 | 1136.0 | 1137.6 | 1138.7 | 1140.3 | 1141.9 | 1143.6 | 1131.7 |
| 122.5° | 965.3  | 968.0  | 970.9  | 973.9  | 977.0  | 980.2  | 983.4  | 986.9  | 990.4  | 993.9  | 982.0  |
| 125°   | 821.0  | 823.8  | 826.5  | 829.4  | 832.1  | 835.5  | 838.7  | 842.2  | 845.5  | 849.2  | 839.2  |
| 127.5° | 717.5  | 718.3  | 718.9  | 719.8  | 720.8  | 722.2  | 723.5  | 724.9  | 726.5  | 728.4  | 722.1  |
| 130°   | 652.4  | 651.0  | 649.5  | 648.4  | 646.9  | 646.2  | 645.4  | 644.7  | 644.1  | 643.7  | 641.0  |
| 132.5° | 615.4  | 612.6  | 609.7  | 606.9  | 604.3  | 602.0  | 599.6  | 597.7  | 595.6  | 594.0  | 593.1  |
| 135°   | 595.9  | 592.1  | 588.3  | 584.7  | 581.0  | 577.9  | 574.4  | 571.7  | 568.8  | 566.1  | 566.7  |
| 137.5° | 583.3  | 579.6  | 575.8  | 572.3  | 568.6  | 565.6  | 562.1  | 559.2  | 556.5  | 553.8  | 554.9  |
| 140°   | 579.6  | 575.9  | 572.0  | 568.6  | 565.2  | 561.9  | 558.7  | 556.0  | 552.8  | 550.5  | 551.1  |
| 142.5° | 573.7  | 570.6  | 566.9  | 563.8  | 560.6  | 557.7  | 554.9  | 552.4  | 549.5  | 547.4  | 548.1  |
| 145°   | 569.7  | 567.3  | 564.7  | 562.2  | 560.0  | 557.9  | 555.5  | 553.8  | 551.9  | 550.5  | 550.8  |
| 147.5° | 563.4  | 561.8  | 559.7  | 558.0  | 556.1  | 554.6  | 553.0  | 551.7  | 550.3  | 549.2  | 549.4  |
| 150°   | 554.2  | 553.1  | 551.8  | 550.6  | 549.5  | 548.5  | 547.5  | 546.7  | 545.8  | 545.1  | 545.1  |
| 152.5° | 544.1  | 543.1  | 541.8  | 540.9  | 539.9  | 539.0  | 538.1  | 537.6  | 536.8  | 536.1  | 536.1  |
| 155°   | 531.4  | 530.9  | 530.4  | 530.2  | 529.7  | 529.6  | 529.1  | 529.2  | 528.8  | 528.8  | 528.9  |
| 157.5° | 524.5  | 524.6  | 524.3  | 524.5  | 524.4  | 524.5  | 524.4  | 524.8  | 524.6  | 525.0  | 525.2  |
| 160°   | 521.6  | 521.4  | 521.1  | 521.1  | 520.9  | 520.7  | 520.7  | 520.7  | 520.7  | 520.6  | 521.1  |
| 162.5° | 518.5  | 518.8  | 519.0  | 519.3  | 519.7  | 520.0  | 520.5  | 521.1  | 521.4  | 521.9  | 522.4  |
| 165°   | 520.4  | 520.4  | 520.2  | 520.2  | 520.4  | 520.4  | 520.5  | 521.0  | 521.0  | 521.4  | 521.9  |
| 167.5° | 520.9  | 521.2  | 521.4  | 521.7  | 522.0  | 522.6  | 522.9  | 523.6  | 524.2  | 525.0  | 525.4  |
| 170°   | 525.1  | 525.1  | 525.1  | 525.1  | 525.1  | 525.4  | 525.6  | 525.7  | 525.9  | 526.3  | 526.7  |
| 172.5° | 531.2  | 531.2  | 530.9  | 531.2  | 530.9  | 531.2  | 531.2  | 531.4  | 531.4  | 531.5  | 531.7  |
| 175°   | 533.6  | 534.1  | 534.4  | 534.7  | 534.7  | 535.0  | 535.2  | 535.4  | 535.7  | 536.1  | 536.1  |
| 177.5° | 537.0  | 537.1  | 537.1  | 537.1  | 537.1  | 537.3  | 537.3  | 537.3  | 537.3  | 537.1  | 537.3  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
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**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 277.5°  | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  | 300°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 40181.0 | 40160.8 | 40181.4 | 40160.5 | 40181.4 | 40156.3 | 40173.3 | 40146.3 | 40153.1 | 40125.0 | 40132.3 |
| 5°     | 41700.3 | 41668.2 | 41685.2 | 41643.6 | 41648.0 | 41592.4 | 41591.4 | 41526.7 | 41509.6 | 41435.9 | 41403.6 |
| 7.5°   | 42928.8 | 42918.3 | 42924.2 | 42897.4 | 42894.4 | 42856.3 | 42838.3 | 42784.8 | 42751.0 | 42683.3 | 42636.9 |
| 10°    | 42734.3 | 42765.6 | 42773.7 | 42805.6 | 42812.2 | 42843.8 | 42850.5 | 42882.1 | 42888.7 | 42912.1 | 42912.4 |
| 12.5°  | 40789.2 | 40895.6 | 40921.0 | 41052.4 | 41107.6 | 41257.9 | 41338.6 | 41504.2 | 41602.5 | 41767.7 | 41869.2 |
| 15°    | 37042.1 | 37226.0 | 37299.4 | 37556.0 | 37697.9 | 37997.3 | 38185.5 | 38529.3 | 38772.0 | 39137.2 | 39397.6 |
| 17.5°  | 31884.9 | 32142.0 | 32258.1 | 32605.9 | 32832.8 | 33274.7 | 33593.4 | 34117.6 | 34519.1 | 35101.7 | 35563.5 |
| 20°    | 26166.0 | 26451.7 | 26609.2 | 27006.1 | 27273.9 | 27790.3 | 28187.9 | 28832.2 | 29369.5 | 30107.9 | 30739.2 |
| 22.5°  | 20633.3 | 20905.3 | 21080.1 | 21483.9 | 21785.3 | 22324.0 | 22768.4 | 23448.4 | 24050.5 | 24882.4 | 25639.5 |
| 25°    | 15842.5 | 16091.7 | 16249.8 | 16614.9 | 16898.1 | 17393.0 | 17817.5 | 18471.5 | 19060.5 | 19895.1 | 20671.2 |
| 27.5°  | 12111.4 | 12320.1 | 12472.5 | 12783.9 | 13033.5 | 13453.3 | 13817.9 | 14358.4 | 14865.9 | 15587.9 | 16279.1 |
| 30°    | 9272.3  | 9457.3  | 9605.5  | 9876.7  | 10108.3 | 10472.1 | 10792.7 | 11246.7 | 11666.8 | 12241.3 | 12791.2 |
| 32.5°  | 7085.6  | 7244.9  | 7377.0  | 7614.3  | 7824.4  | 8152.0  | 8440.8  | 8838.9  | 9199.4  | 9686.6  | 10139.0 |
| 35°    | 5402.4  | 5715.9  | 5693.7  | 6021.1  | 6073.7  | 6308.9  | 6566.6  | 6914.6  | 7233.9  | 7648.2  | 8033.2  |
| 37.5°  | 4193.2  | 4281.4  | 4375.7  | 4520.5  | 4672.5  | 4886.5  | 5104.2  | 5529.4  | 5685.3  | 5998.5  | 6317.2  |
| 40°    | 3381.4  | 3441.0  | 3503.3  | 3601.1  | 3707.6  | 3858.3  | 4016.8  | 4219.7  | 4427.5  | 4681.3  | 4940.7  |
| 42.5°  | 2858.6  | 2892.4  | 2932.0  | 2989.5  | 3055.2  | 3150.8  | 3256.9  | 3394.3  | 3538.9  | 3717.6  | 3900.0  |
| 45°    | 2554.1  | 2538.1  | 2549.8  | 2580.7  | 2620.3  | 2678.4  | 2745.3  | 2830.4  | 2924.6  | 3040.3  | 3163.6  |
| 47.5°  | 2270.1  | 2276.6  | 2280.1  | 2296.8  | 2318.1  | 2357.0  | 2397.6  | 2455.4  | 2567.1  | 2601.0  | 2668.2  |
| 50°    | 2082.6  | 2085.7  | 2084.6  | 2093.1  | 2103.9  | 2129.2  | 2155.6  | 2194.6  | 2233.7  | 2285.5  | 2334.9  |
| 52.5°  | 1925.4  | 1929.7  | 1929.2  | 1934.8  | 1940.5  | 1956.5  | 1973.2  | 2000.8  | 2026.4  | 2059.4  | 2087.7  |
| 55°    | 1801.3  | 1807.3  | 1809.6  | 1814.4  | 1817.1  | 1825.5  | 1832.1  | 1845.4  | 1856.2  | 1874.9  | 1892.1  |
| 57.5°  | 1705.8  | 1714.0  | 1717.8  | 1719.4  | 1716.0  | 1715.6  | 1713.4  | 1716.2  | 1718.5  | 1728.4  | 1738.1  |
| 60°    | 1630.6  | 1637.2  | 1638.3  | 1637.2  | 1631.1  | 1626.6  | 1619.6  | 1617.3  | 1616.2  | 1621.0  | 1626.3  |
| 62.5°  | 1552.0  | 1554.3  | 1552.7  | 1550.7  | 1543.7  | 1539.5  | 1532.1  | 1529.4  | 1527.0  | 1530.4  | 1533.1  |
| 65°    | 1443.1  | 1445.1  | 1443.1  | 1441.9  | 1435.6  | 1432.2  | 1426.0  | 1424.0  | 1420.4  | 1421.4  | 1420.7  |
| 67.5°  | 1354.7  | 1356.8  | 1355.1  | 1353.5  | 1349.1  | 1347.1  | 1342.5  | 1339.5  | 1335.3  | 1333.7  | 1330.7  |
| 70°    | 1266.6  | 1268.3  | 1265.7  | 1264.1  | 1259.1  | 1257.2  | 1252.9  | 1252.1  | 1248.7  | 1247.9  | 1244.5  |
| 72.5°  | 1165.3  | 1165.4  | 1161.9  | 1160.8  | 1157.1  | 1157.0  | 1155.3  | 1156.9  | 1156.8  | 1158.5  | 1157.7  |
| 75°    | 1061.5  | 1060.1  | 1055.7  | 1054.9  | 1052.1  | 1053.5  | 1051.6  | 1054.1  | 1054.4  | 1058.2  | 1058.6  |
| 77.5°  | 957.8   | 952.3   | 943.9   | 939.9   | 934.3   | 933.6   | 930.4   | 932.6   | 931.9   | 936.3   | 938.0   |
| 80°    | 826.6   | 819.9   | 809.2   | 804.0   | 797.4   | 796.4   | 793.4   | 796.4   | 794.9   | 800.1   | 803.7   |
| 82.5°  | 659.9   | 654.2   | 643.1   | 638.9   | 631.2   | 632.0   | 628.7   | 632.0   | 631.5   | 639.2   | 643.6   |
| 85°    | 488.1   | 484.3   | 472.9   | 462.7   | 451.4   | 444.8   | 438.3   | 437.1   | 435.2   | 438.3   | 440.9   |
| 87.5°  | 282.0   | 278.4   | 269.5   | 263.5   | 243.7   | 244.5   | 236.8   | 236.4   | 234.5   | 232.7   | 236.8   |
| 90°    | 58.9    | 65.1    | 64.9    | 70.6    | 71.0    | 77.4    | 78.2    | 84.5    | 84.7    | 91.0    | 92.3    |
| 92.5°  | 47.8    | 50.8    | 53.8    | 56.9    | 59.9    | 62.9    | 65.9    | 68.9    | 75.4    | 81.6    | 88.4    |
| 95°    | 66.0    | 69.5    | 73.0    | 76.4    | 79.9    | 83.4    | 86.9    | 90.4    | 99.9    | 109.4   | 118.9   |
| 97.5°  | 93.6    | 95.8    | 98.1    | 100.5   | 102.8   | 105.1   | 107.4   | 109.8   | 120.0   | 130.3   | 140.5   |
| 100°   | 120.3   | 122.2   | 124.0   | 126.0   | 127.8   | 129.6   | 131.5   | 133.3   | 153.4   | 173.1   | 192.9   |
| 102.5° | 189.5   | 197.3   | 205.3   | 213.1   | 221.3   | 229.1   | 237.1   | 244.9   | 290.4   | 335.7   | 381.0   |
| 105°   | 353.4   | 375.0   | 396.9   | 418.4   | 440.0   | 461.6   | 483.3   | 504.9   | 577.5   | 649.9   | 722.7   |
| 107.5° | 649.0   | 683.1   | 717.2   | 751.5   | 785.6   | 819.8   | 853.9   | 888.3   | 959.0   | 1029.8  | 1100.6  |
| 110°   | 989.2   | 1021.9  | 1054.4  | 1087.0  | 1119.5  | 1152.2  | 1184.8  | 1217.6  | 1260.1  | 1302.6  | 1345.1  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1232.8 | 1248.5 | 1264.5 | 1280.4 | 1296.4 | 1312.4 | 1328.4 | 1344.5 | 1365.8 | 1386.9 | 1408.4 |
| 115°   | 1306.8 | 1307.7 | 1308.9 | 1310.1 | 1311.2 | 1312.3 | 1313.7 | 1315.0 | 1321.9 | 1328.6 | 1335.5 |
| 117.5° | 1245.1 | 1236.5 | 1227.9 | 1219.3 | 1210.8 | 1202.5 | 1194.2 | 1185.9 | 1184.7 | 1183.4 | 1182.4 |
| 120°   | 1120.4 | 1108.7 | 1097.1 | 1085.4 | 1074.1 | 1062.7 | 1051.7 | 1040.5 | 1034.9 | 1029.3 | 1023.8 |
| 122.5° | 970.5  | 959.0  | 947.5  | 936.1  | 924.8  | 913.8  | 902.8  | 891.9  | 888.0  | 884.1  | 880.4  |
| 125°   | 829.5  | 819.9  | 810.4  | 801.0  | 791.9  | 782.8  | 773.9  | 764.8  | 764.8  | 764.7  | 765.0  |
| 127.5° | 716.3  | 710.4  | 704.7  | 699.2  | 694.0  | 688.5  | 683.5  | 678.2  | 681.1  | 683.9  | 686.7  |
| 130°   | 638.5  | 636.1  | 633.9  | 631.4  | 629.8  | 627.7  | 626.0  | 624.1  | 629.0  | 633.5  | 638.3  |
| 132.5° | 593.0  | 592.6  | 592.6  | 592.5  | 592.8  | 593.0  | 593.6  | 593.9  | 599.3  | 604.5  | 610.0  |
| 135°   | 567.5  | 568.3  | 569.6  | 570.6  | 572.3  | 573.5  | 575.3  | 576.6  | 582.0  | 586.8  | 592.1  |
| 137.5° | 556.2  | 557.4  | 559.0  | 560.6  | 562.7  | 564.4  | 566.5  | 568.4  | 572.6  | 576.6  | 580.7  |
| 140°   | 552.3  | 553.2  | 554.6  | 556.0  | 557.5  | 559.0  | 560.9  | 562.4  | 566.1  | 569.1  | 572.4  |
| 142.5° | 549.4  | 550.1  | 551.4  | 552.8  | 554.3  | 555.6  | 557.2  | 558.6  | 561.1  | 563.4  | 566.3  |
| 145°   | 551.7  | 552.3  | 553.5  | 554.2  | 555.5  | 556.6  | 557.8  | 558.9  | 560.6  | 562.1  | 563.7  |
| 147.5° | 550.0  | 550.4  | 551.1  | 551.9  | 552.8  | 553.5  | 554.2  | 554.9  | 556.2  | 557.2  | 558.3  |
| 150°   | 545.4  | 545.6  | 546.0  | 546.2  | 546.9  | 547.4  | 548.0  | 548.4  | 549.3  | 550.2  | 551.3  |
| 152.5° | 536.5  | 536.6  | 536.9  | 537.2  | 537.6  | 537.9  | 538.3  | 538.8  | 539.8  | 540.5  | 541.4  |
| 155°   | 529.4  | 530.0  | 530.6  | 531.1  | 531.7  | 532.0  | 532.8  | 533.2  | 534.0  | 534.6  | 535.3  |
| 157.5° | 525.8  | 526.1  | 526.9  | 527.2  | 528.0  | 528.3  | 528.9  | 529.4  | 530.1  | 530.6  | 531.2  |
| 160°   | 521.9  | 522.8  | 523.4  | 524.3  | 525.0  | 525.7  | 526.6  | 527.4  | 528.0  | 528.4  | 529.0  |
| 162.5° | 523.0  | 523.6  | 524.2  | 524.6  | 525.1  | 525.7  | 526.2  | 526.8  | 527.8  | 528.3  | 529.2  |
| 165°   | 522.8  | 523.5  | 524.4  | 525.0  | 525.9  | 526.7  | 527.5  | 528.2  | 528.6  | 529.2  | 529.7  |
| 167.5° | 526.3  | 526.8  | 527.9  | 528.4  | 529.3  | 530.0  | 530.9  | 531.4  | 532.0  | 532.3  | 532.9  |
| 170°   | 527.4  | 528.1  | 528.8  | 529.4  | 530.2  | 530.7  | 531.5  | 532.0  | 532.8  | 533.4  | 534.2  |
| 172.5° | 532.3  | 532.8  | 533.4  | 533.7  | 534.3  | 534.9  | 535.5  | 535.8  | 536.5  | 537.1  | 537.6  |
| 175°   | 536.1  | 536.1  | 536.2  | 536.4  | 536.5  | 536.5  | 536.7  | 537.0  | 537.1  | 537.3  | 537.4  |
| 177.5° | 537.6  | 537.8  | 537.9  | 538.2  | 538.4  | 538.6  | 538.9  | 539.1  | 539.1  | 539.1  | 539.1  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  | 325°    | 327.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 40104.2 | 40105.9 | 40073.5 | 40071.8 | 40041.5 | 40037.7 | 40008.1 | 39999.2 | 39975.2 | 39966.5 | 39942.1 |
| 5°     | 41320.9 | 41281.5 | 41190.4 | 41136.9 | 41046.9 | 40987.3 | 40890.0 | 40826.4 | 40732.5 | 40661.6 | 40567.0 |
| 7.5°   | 42551.5 | 42490.3 | 42388.1 | 42305.3 | 42180.4 | 42080.7 | 41934.6 | 41815.0 | 41656.7 | 41519.7 | 41353.5 |
| 10°    | 42912.4 | 42903.0 | 42877.0 | 42839.0 | 42780.9 | 42715.7 | 42616.2 | 42512.5 | 42373.9 | 42223.2 | 42038.5 |
| 12.5°  | 42024.4 | 42120.3 | 42251.0 | 42328.5 | 42422.8 | 42464.1 | 42502.8 | 42493.1 | 42467.6 | 42391.5 | 42284.7 |
| 15°    | 39774.9 | 40044.3 | 40401.1 | 40677.6 | 40995.7 | 41226.9 | 41482.3 | 41641.4 | 41800.0 | 41873.3 | 41918.1 |
| 17.5°  | 36196.4 | 36706.6 | 37346.4 | 37876.6 | 38488.3 | 38979.6 | 39518.2 | 39923.7 | 40340.7 | 40639.4 | 40909.5 |
| 20°    | 31599.9 | 32339.1 | 33243.9 | 34043.3 | 34972.7 | 35780.4 | 36665.6 | 37392.2 | 38141.6 | 38727.6 | 39282.1 |
| 22.5°  | 26614.2 | 27492.1 | 28586.1 | 29599.4 | 30797.7 | 31874.5 | 33089.5 | 34146.9 | 35251.0 | 36173.4 | 37065.3 |
| 25°    | 21711.6 | 22674.4 | 23870.6 | 25001.2 | 26358.2 | 27610.8 | 29051.7 | 30369.7 | 31796.7 | 33035.6 | 34259.6 |
| 27.5°  | 17234.9 | 18180.1 | 19401.3 | 20604.8 | 22039.8 | 23374.4 | 24918.4 | 26370.4 | 27995.3 | 29493.6 | 31026.5 |
| 30°    | 13555.4 | 14357.1 | 15452.1 | 16617.7 | 18033.1 | 19391.2 | 20951.8 | 22445.3 | 24135.6 | 25771.6 | 27498.1 |
| 32.5°  | 10739.5 | 11350.3 | 12211.1 | 13196.8 | 14502.7 | 15795.6 | 17281.6 | 18723.3 | 20387.8 | 22040.5 | 23836.2 |
| 35°    | 8529.2  | 9005.5  | 9661.9  | 10431.1 | 11536.9 | 12651.5 | 13965.8 | 15276.9 | 16829.8 | 18398.1 | 20143.4 |
| 37.5°  | 6725.7  | 7112.2  | 7626.3  | 8204.1  | 9091.1  | 10005.7 | 11083.5 | 12170.4 | 13519.8 | 14909.9 | 16491.7 |
| 40°    | 5252.0  | 5565.0  | 5965.2  | 6396.1  | 7065.9  | 7770.6  | 8604.1  | 9447.0  | 10531.1 | 11667.2 | 12976.3 |
| 42.5°  | 4125.8  | 4356.8  | 4639.4  | 4954.4  | 5579.3  | 5953.4  | 6518.7  | 7128.3  | 7925.2  | 8750.0  | 9734.2  |
| 45°    | 3313.4  | 3470.9  | 3667.0  | 3878.2  | 4168.2  | 4485.7  | 4872.7  | 5278.6  | 6035.8  | 6407.2  | 7005.7  |
| 47.5°  | 2767.0  | 2872.8  | 2997.5  | 3130.6  | 3301.7  | 3486.3  | 3715.9  | 3950.5  | 4254.1  | 4568.8  | 4937.6  |
| 50°    | 2399.0  | 2506.6  | 2549.4  | 2618.4  | 2717.4  | 2822.8  | 2952.2  | 3081.6  | 3244.4  | 3409.5  | 3599.3  |
| 52.5°  | 2126.0  | 2161.0  | 2207.5  | 2251.5  | 2312.7  | 2432.8  | 2471.6  | 2539.2  | 2630.6  | 2719.9  | 2819.6  |
| 55°    | 1917.4  | 1940.2  | 1970.5  | 1996.9  | 2034.1  | 2069.5  | 2120.7  | 2165.6  | 2226.5  | 2280.4  | 2346.6  |
| 57.5°  | 1755.0  | 1769.6  | 1790.6  | 1808.0  | 1832.0  | 1852.0  | 1881.9  | 1906.4  | 1941.4  | 1971.8  | 2012.0  |
| 60°    | 1637.1  | 1646.8  | 1660.9  | 1672.2  | 1687.5  | 1698.0  | 1712.8  | 1724.3  | 1742.8  | 1758.3  | 1780.6  |
| 62.5°  | 1540.7  | 1545.8  | 1555.0  | 1561.7  | 1571.4  | 1576.6  | 1584.6  | 1589.6  | 1599.7  | 1607.5  | 1620.0  |
| 65°    | 1425.1  | 1426.3  | 1432.5  | 1435.3  | 1443.0  | 1445.7  | 1452.2  | 1454.5  | 1463.0  | 1468.7  | 1479.7  |
| 67.5°  | 1330.4  | 1327.8  | 1327.9  | 1325.8  | 1326.7  | 1324.5  | 1325.2  | 1322.8  | 1326.1  | 1327.9  | 1336.3  |
| 70°    | 1243.9  | 1240.2  | 1239.1  | 1235.1  | 1233.9  | 1229.9  | 1228.7  | 1225.0  | 1224.5  | 1223.4  | 1226.3  |
| 72.5°  | 1159.7  | 1158.7  | 1159.0  | 1156.2  | 1155.9  | 1153.1  | 1153.2  | 1151.4  | 1153.4  | 1154.2  | 1158.0  |
| 75°    | 1062.8  | 1063.1  | 1064.9  | 1062.5  | 1063.2  | 1060.9  | 1061.7  | 1059.5  | 1060.7  | 1060.3  | 1064.1  |
| 77.5°  | 944.8   | 947.6   | 952.7   | 951.7   | 953.3   | 950.7   | 951.9   | 948.8   | 949.6   | 947.6   | 949.1   |
| 80°    | 812.2   | 818.1   | 825.0   | 824.7   | 827.6   | 825.6   | 828.3   | 825.3   | 826.6   | 823.0   | 822.1   |
| 82.5°  | 654.6   | 659.6   | 667.0   | 667.3   | 673.8   | 675.0   | 682.1   | 681.8   | 686.4   | 683.5   | 681.4   |
| 85°    | 447.6   | 451.0   | 457.4   | 461.0   | 467.6   | 471.6   | 478.6   | 481.4   | 476.4   | 485.5   | 478.3   |
| 87.5°  | 233.7   | 242.4   | 237.6   | 248.8   | 246.2   | 257.6   | 255.2   | 265.8   | 263.7   | 272.9   | 271.7   |
| 90°    | 100.2   | 102.0   | 110.2   | 112.5   | 122.1   | 125.3   | 128.7   | 124.7   | 127.9   | 124.2   | 127.4   |
| 92.5°  | 94.6    | 101.5   | 108.0   | 114.5   | 121.0   | 127.7   | 121.5   | 115.5   | 109.4   | 103.6   | 97.3    |
| 95°    | 128.4   | 138.0   | 147.5   | 157.0   | 166.5   | 176.0   | 165.8   | 155.6   | 145.4   | 135.3   | 125.0   |
| 97.5°  | 150.7   | 161.0   | 171.1   | 181.3   | 191.8   | 202.0   | 189.9   | 177.8   | 165.7   | 153.8   | 141.7   |
| 100°   | 212.5   | 232.4   | 252.1   | 271.9   | 291.8   | 311.5   | 289.1   | 266.5   | 244.2   | 221.8   | 199.2   |
| 102.5° | 426.5   | 471.7   | 517.1   | 562.6   | 607.9   | 653.2   | 605.6   | 558.1   | 510.2   | 462.5   | 414.7   |
| 105°   | 795.2   | 867.8   | 940.3   | 1013.0  | 1085.5  | 1158.4  | 1080.9  | 1003.7  | 926.2   | 848.9   | 771.4   |
| 107.5° | 1171.5  | 1242.1  | 1313.2  | 1383.8  | 1454.7  | 1525.8  | 1447.4  | 1368.9  | 1290.6  | 1212.0  | 1133.5  |
| 110°   | 1387.8  | 1430.4  | 1473.0  | 1515.7  | 1558.3  | 1601.1  | 1543.8  | 1486.6  | 1429.4  | 1372.1  | 1314.8  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1429.6 | 1451.3 | 1472.5 | 1494.1 | 1515.4 | 1536.9 | 1496.1 | 1455.4 | 1414.3 | 1373.6 | 1332.5 |
| 115°   | 1342.5 | 1349.3 | 1356.3 | 1363.4 | 1370.2 | 1377.2 | 1349.6 | 1322.3 | 1294.7 | 1267.2 | 1239.5 |
| 117.5° | 1181.3 | 1180.4 | 1179.3 | 1178.5 | 1177.2 | 1176.2 | 1160.9 | 1145.7 | 1130.2 | 1114.8 | 1099.4 |
| 120°   | 1018.2 | 1012.7 | 1007.2 | 1001.7 | 996.1  | 990.5  | 984.2  | 978.0  | 971.3  | 964.8  | 958.2  |
| 122.5° | 876.6  | 872.9  | 869.2  | 865.5  | 861.4  | 857.6  | 855.2  | 853.1  | 850.5  | 848.1  | 845.4  |
| 125°   | 765.0  | 765.1  | 765.1  | 765.2  | 765.1  | 765.1  | 763.9  | 762.9  | 761.6  | 760.7  | 759.2  |
| 127.5° | 689.2  | 692.1  | 694.6  | 697.4  | 699.9  | 702.5  | 702.2  | 702.3  | 702.0  | 701.8  | 701.5  |
| 130°   | 642.7  | 647.6  | 652.0  | 656.4  | 660.7  | 665.5  | 664.7  | 664.2  | 663.7  | 663.1  | 662.4  |
| 132.5° | 615.2  | 620.5  | 625.6  | 631.0  | 636.0  | 641.1  | 640.3  | 639.8  | 638.7  | 638.1  | 637.2  |
| 135°   | 597.1  | 602.0  | 606.8  | 612.0  | 616.6  | 621.4  | 620.4  | 619.5  | 618.2  | 617.6  | 616.4  |
| 137.5° | 584.5  | 588.9  | 592.6  | 596.5  | 600.3  | 604.3  | 603.0  | 602.1  | 600.9  | 600.2  | 598.9  |
| 140°   | 575.5  | 578.8  | 581.7  | 585.0  | 587.9  | 591.1  | 589.6  | 588.4  | 586.9  | 585.6  | 584.1  |
| 142.5° | 568.5  | 571.0  | 573.1  | 575.7  | 577.8  | 580.2  | 578.0  | 576.1  | 574.2  | 572.3  | 570.3  |
| 145°   | 565.3  | 567.1  | 568.6  | 570.1  | 571.2  | 572.9  | 570.5  | 568.4  | 565.9  | 563.7  | 561.2  |
| 147.5° | 559.2  | 560.3  | 561.0  | 562.1  | 562.7  | 563.7  | 561.4  | 559.3  | 557.0  | 554.6  | 552.4  |
| 150°   | 551.9  | 553.1  | 553.8  | 554.5  | 555.2  | 556.2  | 553.7  | 551.4  | 548.9  | 546.5  | 544.2  |
| 152.5° | 542.3  | 543.1  | 543.9  | 544.4  | 545.2  | 545.8  | 543.5  | 541.4  | 539.0  | 536.7  | 534.4  |
| 155°   | 535.6  | 536.3  | 536.6  | 537.2  | 537.4  | 537.8  | 535.6  | 534.1  | 532.1  | 530.2  | 528.1  |
| 157.5° | 531.5  | 532.1  | 532.6  | 532.9  | 533.2  | 533.7  | 532.1  | 530.8  | 529.2  | 527.9  | 526.2  |
| 160°   | 529.4  | 529.9  | 530.3  | 530.6  | 531.1  | 531.2  | 530.0  | 528.9  | 527.8  | 526.4  | 525.0  |
| 162.5° | 529.8  | 530.6  | 531.2  | 531.6  | 532.4  | 532.9  | 531.4  | 530.1  | 528.6  | 527.2  | 525.5  |
| 165°   | 530.1  | 530.6  | 531.1  | 531.4  | 531.6  | 532.0  | 531.1  | 530.2  | 529.0  | 528.2  | 527.1  |
| 167.5° | 533.2  | 533.9  | 534.2  | 534.6  | 534.7  | 535.0  | 534.0  | 533.3  | 532.1  | 531.1  | 529.9  |
| 170°   | 534.6  | 535.1  | 535.7  | 536.2  | 536.7  | 537.0  | 536.3  | 535.6  | 534.6  | 533.9  | 532.9  |
| 172.5° | 538.0  | 538.6  | 538.8  | 539.3  | 539.6  | 540.1  | 539.3  | 538.4  | 537.6  | 536.7  | 535.7  |
| 175°   | 537.4  | 537.6  | 537.8  | 537.8  | 537.8  | 537.9  | 537.3  | 536.6  | 535.9  | 535.2  | 534.5  |
| 177.5° | 539.1  | 539.1  | 539.1  | 539.0  | 539.0  | 539.0  | 538.5  | 538.0  | 537.7  | 537.2  | 536.5  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°    | 352.5°  | 355°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 | 39684.1 |
| 2.5°   | 39933.4 | 39916.1 | 39904.9 | 39890.7 | 39881.9 | 39870.9 | 39862.8 | 39855.9 | 39850.3 | 39845.2 | 39841.3 |
| 5°     | 40494.9 | 40405.6 | 40336.4 | 40261.3 | 40199.8 | 40138.3 | 40090.9 | 40051.6 | 40024.6 | 40004.3 | 39992.3 |
| 7.5°   | 41209.8 | 41046.4 | 40901.2 | 40748.2 | 40611.1 | 40476.3 | 40360.1 | 40259.9 | 40184.7 | 40136.1 | 40106.5 |
| 10°    | 41848.3 | 41629.6 | 41413.3 | 41185.6 | 40969.7 | 40760.3 | 40567.0 | 40397.0 | 40262.4 | 40173.0 | 40120.8 |
| 12.5°  | 42134.6 | 41948.2 | 41727.3 | 41480.1 | 41215.5 | 40947.7 | 40686.9 | 40451.6 | 40254.1 | 40121.5 | 40045.0 |
| 15°    | 41882.5 | 41806.0 | 41656.0 | 41464.2 | 41213.1 | 40936.3 | 40630.0 | 40342.0 | 40077.1 | 39905.3 | 39805.7 |
| 17.5°  | 41062.5 | 41169.3 | 41157.8 | 41084.5 | 40903.9 | 40671.0 | 40358.8 | 40035.3 | 39704.0 | 39474.4 | 39348.9 |
| 20°    | 39678.8 | 40014.5 | 40184.7 | 40272.1 | 40201.2 | 40050.2 | 39767.5 | 39439.2 | 39053.0 | 38753.3 | 38570.3 |
| 22.5°  | 37734.3 | 38327.0 | 38696.2 | 38966.4 | 39023.7 | 38972.3 | 38722.7 | 38410.4 | 37980.0 | 37619.6 | 37349.5 |
| 25°    | 35231.2 | 36099.3 | 36683.0 | 37140.4 | 37318.2 | 37364.0 | 37151.7 | 36841.2 | 36361.2 | 35941.5 | 35570.4 |
| 27.5°  | 32282.7 | 33410.8 | 34190.1 | 34804.8 | 35082.3 | 35202.6 | 35007.2 | 34690.4 | 34122.7 | 33621.6 | 33136.9 |
| 30°    | 28963.4 | 30301.8 | 31240.0 | 31977.1 | 32315.4 | 32474.4 | 32266.7 | 31913.2 | 31252.5 | 30649.5 | 30038.8 |
| 32.5°  | 25410.7 | 26875.3 | 27897.6 | 28698.1 | 29033.3 | 29182.9 | 28911.3 | 28514.1 | 27750.5 | 27040.2 | 26328.0 |
| 35°    | 21691.1 | 23169.4 | 24200.3 | 24979.6 | 25260.4 | 25350.6 | 25003.2 | 24544.2 | 23698.2 | 22918.5 | 22142.1 |
| 37.5°  | 17895.7 | 19271.0 | 20208.0 | 20907.3 | 21081.2 | 21096.7 | 20678.2 | 20171.2 | 19282.0 | 18513.3 | 17740.3 |
| 40°    | 14133.1 | 15292.9 | 16049.4 | 16609.2 | 16669.5 | 16615.7 | 16160.7 | 15650.4 | 14818.6 | 14129.9 | 13451.3 |
| 42.5°  | 10588.9 | 11464.4 | 12004.2 | 12387.8 | 12365.0 | 12258.6 | 11841.4 | 11402.8 | 10716.5 | 10192.0 | 9657.9  |
| 45°    | 7552.6  | 8129.8  | 8445.4  | 8669.9  | 8597.8  | 8496.5  | 8171.8  | 7864.3  | 7398.0  | 7059.1  | 6700.3  |
| 47.5°  | 5246.9  | 5936.2  | 5816.2  | 6255.0  | 5877.0  | 6126.6  | 5606.6  | 5319.9  | 5072.5  | 4892.4  | 4689.6  |
| 50°    | 3756.3  | 3914.3  | 3990.6  | 4042.6  | 4015.0  | 3976.6  | 3883.2  | 3799.7  | 3686.6  | 3604.2  | 3508.2  |
| 52.5°  | 2900.9  | 2979.8  | 3023.1  | 3054.4  | 3048.3  | 3034.3  | 2993.5  | 2956.4  | 2903.4  | 2868.5  | 2826.4  |
| 55°    | 2457.2  | 2458.4  | 2537.9  | 2503.8  | 2554.3  | 2495.1  | 2518.4  | 2452.9  | 2463.5  | 2407.3  | 2369.6  |
| 57.5°  | 2041.8  | 2074.2  | 2088.8  | 2102.9  | 2098.9  | 2096.4  | 2080.6  | 2072.8  | 2054.9  | 2049.5  | 2036.8  |
| 60°    | 1796.0  | 1813.0  | 1816.5  | 1823.0  | 1817.6  | 1815.5  | 1803.1  | 1798.7  | 1786.8  | 1784.6  | 1776.2  |
| 62.5°  | 1627.5  | 1636.2  | 1636.2  | 1636.2  | 1629.2  | 1622.4  | 1608.7  | 1601.5  | 1591.3  | 1589.1  | 1584.3  |
| 65°    | 1486.9  | 1495.9  | 1497.4  | 1499.2  | 1494.1  | 1488.9  | 1476.7  | 1469.0  | 1458.5  | 1454.5  | 1449.0  |
| 67.5°  | 1341.8  | 1351.4  | 1354.6  | 1359.4  | 1356.5  | 1355.4  | 1347.2  | 1344.1  | 1337.2  | 1335.6  | 1330.4  |
| 70°    | 1227.7  | 1231.7  | 1231.4  | 1231.3  | 1224.8  | 1219.1  | 1209.5  | 1204.9  | 1197.8  | 1196.3  | 1191.6  |
| 72.5°  | 1160.0  | 1162.8  | 1161.0  | 1158.5  | 1150.2  | 1141.6  | 1130.4  | 1122.1  | 1112.7  | 1106.9  | 1100.2  |
| 75°    | 1064.5  | 1068.2  | 1065.8  | 1064.3  | 1056.7  | 1051.2  | 1042.1  | 1037.6  | 1031.0  | 1029.1  | 1024.5  |
| 77.5°  | 947.3   | 949.1   | 945.3   | 944.8   | 939.1   | 935.6   | 928.8   | 927.6   | 922.8   | 922.9   | 918.5   |
| 80°    | 816.8   | 815.8   | 809.6   | 808.5   | 802.7   | 801.3   | 796.0   | 796.3   | 792.5   | 794.0   | 790.9   |
| 82.5°  | 672.1   | 668.5   | 660.4   | 658.0   | 651.4   | 650.8   | 647.3   | 650.2   | 647.9   | 651.4   | 649.4   |
| 85°    | 481.7   | 482.7   | 479.2   | 479.2   | 477.2   | 477.8   | 477.5   | 479.8   | 480.1   | 483.3   | 483.2   |
| 87.5°  | 268.6   | 272.4   | 271.7   | 275.2   | 275.0   | 279.0   | 280.3   | 286.2   | 286.9   | 292.3   | 292.3   |
| 90°    | 123.8   | 127.5   | 123.7   | 127.6   | 126.1   | 131.3   | 130.7   | 135.8   | 134.6   | 138.9   | 136.4   |
| 92.5°  | 91.3    | 85.2    | 79.4    | 73.2    | 70.2    | 66.9    | 64.4    | 60.8    | 58.1    | 54.8    | 51.7    |
| 95°    | 114.8   | 104.6   | 94.3    | 84.2    | 80.7    | 77.1    | 73.6    | 70.1    | 66.7    | 63.2    | 59.7    |
| 97.5°  | 129.6   | 117.5   | 105.5   | 93.4    | 90.4    | 87.4    | 84.3    | 81.3    | 78.2    | 75.1    | 72.1    |
| 100°   | 176.7   | 154.2   | 131.8   | 109.1   | 106.6   | 103.9   | 101.4   | 98.9    | 96.3    | 93.6    | 91.0    |
| 102.5° | 367.1   | 319.2   | 271.4   | 223.6   | 214.6   | 205.5   | 196.4   | 187.2   | 178.1   | 169.1   | 160.1   |
| 105°   | 694.1   | 616.5   | 539.1   | 461.5   | 436.9   | 412.3   | 387.8   | 363.0   | 338.4   | 313.8   | 289.2   |
| 107.5° | 1054.9  | 976.2   | 897.7   | 818.9   | 773.7   | 728.2   | 682.6   | 636.9   | 591.7   | 546.0   | 500.4   |
| 110°   | 1257.5  | 1200.2  | 1142.8  | 1085.2  | 1048.8  | 1012.2  | 975.4   | 938.8   | 902.2   | 865.5   | 828.7   |



TEST NUMBER: P1444552  
 CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1291.5 | 1250.4 | 1209.4 | 1168.1 | 1151.7 | 1134.9 | 1118.6 | 1101.9 | 1085.2 | 1068.4 | 1051.8 |
| 115°   | 1211.7 | 1184.1 | 1156.4 | 1128.3 | 1122.8 | 1116.8 | 1111.1 | 1105.1 | 1099.4 | 1093.3 | 1087.3 |
| 117.5° | 1083.9 | 1068.3 | 1052.7 | 1037.2 | 1038.2 | 1039.1 | 1040.4 | 1041.2 | 1042.1 | 1042.7 | 1043.6 |
| 120°   | 951.6  | 944.9  | 938.5  | 931.8  | 937.0  | 942.0  | 947.2  | 952.0  | 956.8  | 961.5  | 966.3  |
| 122.5° | 843.2  | 840.5  | 838.1  | 835.2  | 841.6  | 847.7  | 853.8  | 859.8  | 865.7  | 871.2  | 877.0  |
| 125°   | 758.2  | 756.8  | 755.6  | 754.1  | 760.6  | 766.8  | 772.9  | 778.8  | 784.7  | 790.3  | 796.1  |
| 127.5° | 701.4  | 701.1  | 701.0  | 700.6  | 705.3  | 709.5  | 713.9  | 717.9  | 722.3  | 726.0  | 729.8  |
| 130°   | 661.9  | 661.2  | 660.7  | 659.9  | 664.1  | 668.1  | 672.2  | 675.7  | 679.6  | 682.8  | 686.3  |
| 132.5° | 636.6  | 635.6  | 634.9  | 633.9  | 637.1  | 639.9  | 643.0  | 645.3  | 648.0  | 650.0  | 652.3  |
| 135°   | 615.6  | 614.4  | 613.5  | 612.2  | 615.0  | 617.8  | 620.5  | 622.8  | 625.2  | 627.1  | 629.1  |
| 137.5° | 598.1  | 596.8  | 595.8  | 594.6  | 597.2  | 599.6  | 601.8  | 604.0  | 606.1  | 608.0  | 609.6  |
| 140°   | 582.9  | 581.4  | 580.2  | 578.6  | 580.9  | 583.0  | 585.2  | 586.9  | 588.9  | 590.3  | 591.9  |
| 142.5° | 568.4  | 566.2  | 564.6  | 562.4  | 564.1  | 565.6  | 567.1  | 568.5  | 569.8  | 570.9  | 571.9  |
| 145°   | 558.9  | 556.4  | 554.2  | 551.8  | 553.1  | 554.2  | 555.6  | 556.7  | 557.5  | 558.2  | 559.1  |
| 147.5° | 550.4  | 547.8  | 545.5  | 543.2  | 544.3  | 545.1  | 545.8  | 546.5  | 547.4  | 547.8  | 548.2  |
| 150°   | 541.7  | 539.0  | 536.6  | 534.1  | 534.8  | 535.5  | 536.0  | 536.8  | 537.5  | 537.8  | 538.1  |
| 152.5° | 531.9  | 529.6  | 527.1  | 524.6  | 525.2  | 525.7  | 526.1  | 526.4  | 526.9  | 527.3  | 527.5  |
| 155°   | 526.2  | 524.1  | 522.0  | 519.7  | 520.4  | 520.7  | 521.0  | 521.3  | 521.5  | 521.7  | 521.8  |
| 157.5° | 524.6  | 522.7  | 521.4  | 519.4  | 519.5  | 519.6  | 519.7  | 519.4  | 519.4  | 519.3  | 519.0  |
| 160°   | 523.7  | 522.2  | 520.8  | 519.2  | 519.1  | 519.1  | 519.2  | 518.8  | 518.8  | 518.5  | 518.2  |
| 162.5° | 523.9  | 522.3  | 520.5  | 518.7  | 518.6  | 518.7  | 518.6  | 518.4  | 518.3  | 518.0  | 517.7  |
| 165°   | 526.0  | 524.8  | 523.6  | 522.1  | 521.9  | 521.7  | 521.6  | 521.0  | 520.7  | 520.0  | 519.6  |
| 167.5° | 528.7  | 527.6  | 526.3  | 524.9  | 524.9  | 525.0  | 525.0  | 524.8  | 524.7  | 524.4  | 524.3  |
| 170°   | 532.0  | 531.0  | 530.1  | 528.9  | 528.6  | 528.5  | 528.2  | 528.0  | 527.5  | 527.2  | 526.7  |
| 172.5° | 534.7  | 533.8  | 532.7  | 531.4  | 531.4  | 531.3  | 531.0  | 530.9  | 530.4  | 530.1  | 530.0  |
| 175°   | 533.7  | 533.0  | 532.0  | 531.4  | 531.2  | 531.1  | 530.9  | 530.8  | 530.5  | 530.3  | 530.0  |
| 177.5° | 536.0  | 535.6  | 534.8  | 534.4  | 534.3  | 534.3  | 534.1  | 534.0  | 534.0  | 533.8  | 533.7  |
| 180°   | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  | 536.5  |



TEST NUMBER: P1444552  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 357.5°  | 360°    |
|--------|---------|---------|
| 0°     | 39684.1 | 39684.1 |
| 2.5°   | 39837.8 | 39835.8 |
| 5°     | 39985.9 | 39983.6 |
| 7.5°   | 40098.5 | 40097.9 |
| 10°    | 40111.8 | 40118.7 |
| 12.5°  | 40031.8 | 40037.4 |
| 15°    | 39798.1 | 39809.0 |
| 17.5°  | 39351.3 | 39365.5 |
| 20°    | 38581.5 | 38596.4 |
| 22.5°  | 37334.9 | 37341.0 |
| 25°    | 35522.5 | 35496.7 |
| 27.5°  | 33051.6 | 33007.4 |
| 30°    | 29910.7 | 29867.8 |
| 32.5°  | 26165.7 | 26138.9 |
| 35°    | 21950.1 | 21933.2 |
| 37.5°  | 17511.8 | 17477.4 |
| 40°    | 13203.1 | 13102.9 |
| 42.5°  | 9424.0  | 9248.0  |
| 45°    | 6512.8  | 6304.2  |
| 47.5°  | 4546.6  | 4417.7  |
| 50°    | 3446.2  | 3404.6  |
| 52.5°  | 2808.1  | 2798.4  |
| 55°    | 2369.4  | 2365.1  |
| 57.5°  | 2039.6  | 2038.1  |
| 60°    | 1780.6  | 1780.2  |
| 62.5°  | 1587.6  | 1588.2  |
| 65°    | 1451.5  | 1451.8  |
| 67.5°  | 1331.8  | 1330.9  |
| 70°    | 1193.3  | 1192.3  |
| 72.5°  | 1098.1  | 1096.4  |
| 75°    | 1024.5  | 1023.5  |
| 77.5°  | 919.8   | 918.2   |
| 80°    | 793.1   | 790.9   |
| 82.5°  | 652.3   | 649.9   |
| 85°    | 486.6   | 486.7   |
| 87.5°  | 297.7   | 297.6   |
| 90°    | 140.5   | 137.3   |
| 92.5°  | 49.0    | 46.3    |
| 95°    | 56.2    | 52.7    |
| 97.5°  | 69.1    | 66.1    |
| 100°   | 88.4    | 85.9    |
| 102.5° | 151.0   | 142.0   |
| 105°   | 264.6   | 240.0   |
| 107.5° | 454.9   | 409.5   |
| 110°   | 792.1   | 755.4   |



TEST NUMBER: P1444552  
CATALOG NUMBER: EHBR1-48-UNV-TA-L835-UPL40

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°   |
|--------|--------|--------|
| 112.5° | 1035.0 | 1018.3 |
| 115°   | 1080.8 | 1074.8 |
| 117.5° | 1044.2 | 1044.7 |
| 120°   | 970.7  | 975.3  |
| 122.5° | 882.2  | 887.7  |
| 125°   | 801.4  | 806.7  |
| 127.5° | 733.3  | 736.7  |
| 130°   | 688.8  | 692.0  |
| 132.5° | 654.0  | 655.8  |
| 135°   | 630.5  | 632.1  |
| 137.5° | 610.8  | 612.1  |
| 140°   | 592.8  | 593.9  |
| 142.5° | 572.6  | 573.2  |
| 145°   | 559.7  | 560.1  |
| 147.5° | 548.1  | 548.5  |
| 150°   | 538.2  | 538.4  |
| 152.5° | 527.4  | 527.6  |
| 155°   | 521.7  | 521.7  |
| 157.5° | 518.6  | 518.4  |
| 160°   | 517.8  | 517.5  |
| 162.5° | 517.3  | 517.0  |
| 165°   | 518.8  | 518.3  |
| 167.5° | 523.8  | 523.7  |
| 170°   | 526.3  | 526.0  |
| 172.5° | 529.5  | 529.2  |
| 175°   | 529.9  | 529.7  |
| 177.5° | 533.7  | 533.4  |
| 180°   | 536.5  | 536.5  |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-3  
 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-L835-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 3468  
 CIE u': 0.2375  
 CIE v': 0.5091  
 Duv: -0.0021  
 CIE x: 0.4049  
 CIE y: 0.3856  
 CIE z: 0.2095  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 581  
 Purity: 37.24544  
 Rf: 80.1  
 Rg: 101

|           |      |      |      |
|-----------|------|------|------|
| CRI (Ra): | 82.1 |      |      |
| R1:       | 82.9 | R9:  | 27.6 |
| R2:       | 85.6 | R10: | 63.8 |
| R3:       | 85.9 | R11: | 81.2 |
| R4:       | 82.8 | R12: | 57.2 |
| R5:       | 81.0 | R13: | 82.6 |
| R6:       | 79.7 | R14: | 91.0 |
| R7:       | 86.5 | R15: | 79.4 |
| R8:       | 72.1 |      |      |



**Test Conditions**

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

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| 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



CCT = 3468K  
 CIE x = 0.4049  
 CIE y = 0.3856  
 Duv = -0.0021

Point lies inside the ANSI 3500K 4-step quadrangle

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**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    | 60                       | NR            | 620    | 327                      | NR            | 750    | 7                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 82                       | NR            | 625    | 322                      | NR            | 755    | 6                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 114                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 152                      | NR            | 635    | 645                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 189                      | NR            | 640    | 197                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 1                        | NR            | 515    | 222                      | NR            | 645    | 189                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 2                        | NR            | 520    | 248                      | NR            | 650    | 163                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 3                        | NR            | 525    | 268                      | NR            | 655    | 134                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 4                        | NR            | 530    | 283                      | NR            | 660    | 113                      | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 6                        | NR            | 535    | 294                      | NR            | 665    | 94                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 9                        | NR            | 540    | 305                      | NR            | 670    | 87                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 18                       | NR            | 545    | 314                      | NR            | 675    | 70                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 34                       | NR            | 550    | 323                      | NR            | 680    | 60                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 62                       | NR            | 555    | 335                      | NR            | 685    | 51                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 102                      | NR            | 560    | 346                      | NR            | 690    | 44                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 159                      | NR            | 565    | 356                      | NR            | 695    | 38                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 241                      | NR            | 570    | 364                      | NR            | 700    | 32                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 363                      | NR            | 575    | 371                      | NR            | 705    | 28                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 389                      | NR            | 580    | 375                      | NR            | 710    | 24                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 245                      | NR            | 585    | 375                      | NR            | 715    | 20                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 158                      | NR            | 590    | 373                      | NR            | 720    | 17                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 120                      | NR            | 595    | 364                      | NR            | 725    | 15                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 79                       | NR            | 600    | 357                      | NR            | 730    | 13                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 57                       | NR            | 605    | 349                      | NR            | 735    | 11                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 51                       | NR            | 610    | 371                      | NR            | 740    | 9                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 51                       | NR            | 615    | 387                      | NR            | 745    | 8                        | NR            | 875    | 0                        | NR            |        |                          |               |

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.43**

| 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    | 60                       | NR            | 620    | 327                      | NR            | 750    | 7                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 82                       | NR            | 625    | 322                      | NR            | 755    | 6                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 114                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 152                      | NR            | 635    | 645                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 189                      | NR            | 640    | 197                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 1                        | NR            | 515    | 222                      | NR            | 645    | 189                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 2                        | NR            | 520    | 248                      | NR            | 650    | 163                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 3                        | NR            | 525    | 268                      | NR            | 655    | 134                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 4                        | NR            | 530    | 283                      | NR            | 660    | 113                      | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 6                        | NR            | 535    | 294                      | NR            | 665    | 94                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 9                        | NR            | 540    | 305                      | NR            | 670    | 87                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 18                       | NR            | 545    | 314                      | NR            | 675    | 70                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 34                       | NR            | 550    | 323                      | NR            | 680    | 60                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 62                       | NR            | 555    | 335                      | NR            | 685    | 51                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 102                      | NR            | 560    | 346                      | NR            | 690    | 44                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 159                      | NR            | 565    | 356                      | NR            | 695    | 38                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 241                      | NR            | 570    | 364                      | NR            | 700    | 32                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 363                      | NR            | 575    | 371                      | NR            | 705    | 28                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 389                      | NR            | 580    | 375                      | NR            | 710    | 24                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 245                      | NR            | 585    | 375                      | NR            | 715    | 20                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 158                      | NR            | 590    | 373                      | NR            | 720    | 17                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 120                      | NR            | 595    | 364                      | NR            | 725    | 15                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 79                       | NR            | 600    | 357                      | NR            | 730    | 13                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 57                       | NR            | 605    | 349                      | NR            | 735    | 11                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 51                       | NR            | 610    | 371                      | NR            | 740    | 9                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 51                       | NR            | 615    | 387                      | NR            | 745    | 8                        | NR            | 875    | 0                        | NR            |        |                          |               |

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.75**

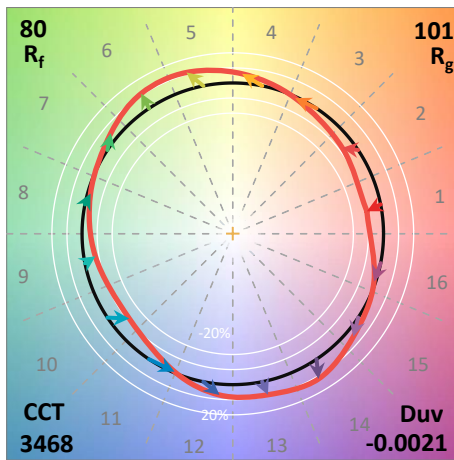
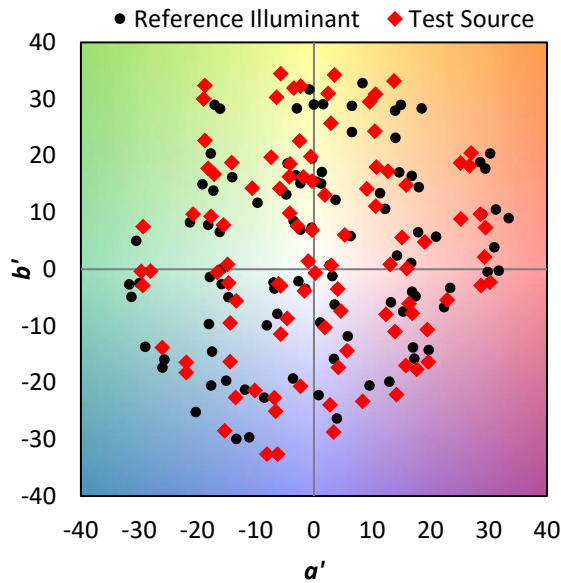
| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 60                       | NR            | 620    | 327                      | NR            | 750    | 7                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 82                       | NR            | 625    | 322                      | NR            | 755    | 6                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 114                      | NR            | 630    | 1000                     | NR            | 760    | 5                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 152                      | NR            | 635    | 645                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 189                      | NR            | 640    | 197                      | NR            | 770    | 4                        | NR            | 900    | 0                        | NR            |
| 385    | 1                        | NR            | 515    | 222                      | NR            | 645    | 189                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 2                        | NR            | 520    | 248                      | NR            | 650    | 163                      | NR            | 780    | 3                        | NR            | 910    | 0                        | NR            |
| 395    | 3                        | NR            | 525    | 268                      | NR            | 655    | 134                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 4                        | NR            | 530    | 283                      | NR            | 660    | 113                      | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 6                        | NR            | 535    | 294                      | NR            | 665    | 94                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 9                        | NR            | 540    | 305                      | NR            | 670    | 87                       | NR            | 800    | 2                        | NR            | 930    | 0                        | NR            |
| 415    | 18                       | NR            | 545    | 314                      | NR            | 675    | 70                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 34                       | NR            | 550    | 323                      | NR            | 680    | 60                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 62                       | NR            | 555    | 335                      | NR            | 685    | 51                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 102                      | NR            | 560    | 346                      | NR            | 690    | 44                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 159                      | NR            | 565    | 356                      | NR            | 695    | 38                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 241                      | NR            | 570    | 364                      | NR            | 700    | 32                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 363                      | NR            | 575    | 371                      | NR            | 705    | 28                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 389                      | NR            | 580    | 375                      | NR            | 710    | 24                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 245                      | NR            | 585    | 375                      | NR            | 715    | 20                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 158                      | NR            | 590    | 373                      | NR            | 720    | 17                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 120                      | NR            | 595    | 364                      | NR            | 725    | 15                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 79                       | NR            | 600    | 357                      | NR            | 730    | 13                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 57                       | NR            | 605    | 349                      | NR            | 735    | 11                       | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 51                       | NR            | 610    | 371                      | NR            | 740    | 9                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 51                       | NR            | 615    | 387                      | NR            | 745    | 8                        | NR            | 875    | 0                        | NR            |        |                          |               |

**Summary**

$R_f = 80.1$   
 $R_g = 101$   
 $CIE R_a = 82.1$   
 $R_9 = 27.6$

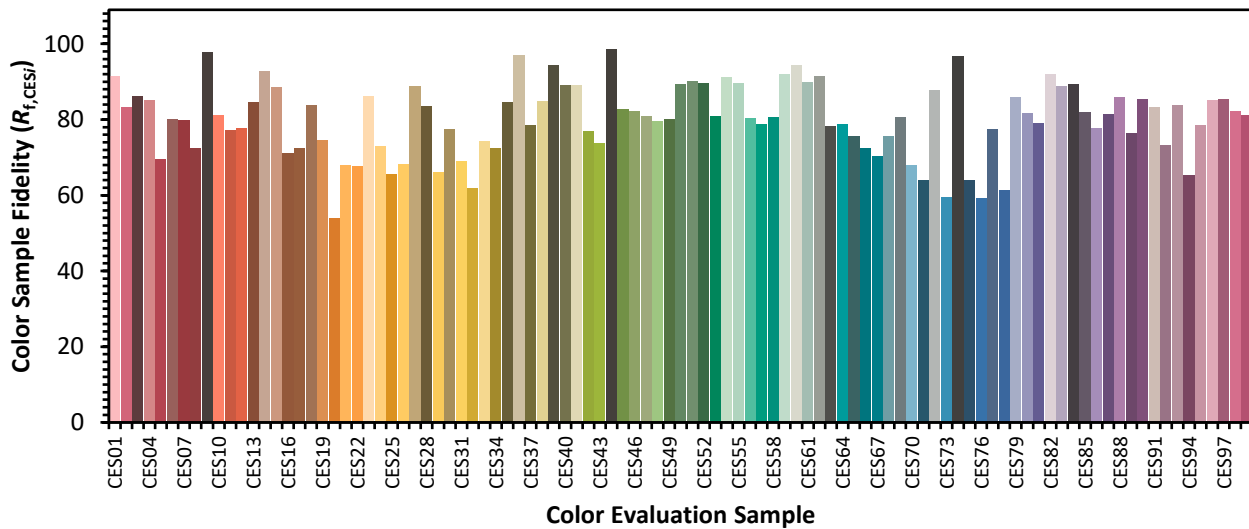


**Color Vector Graphics**

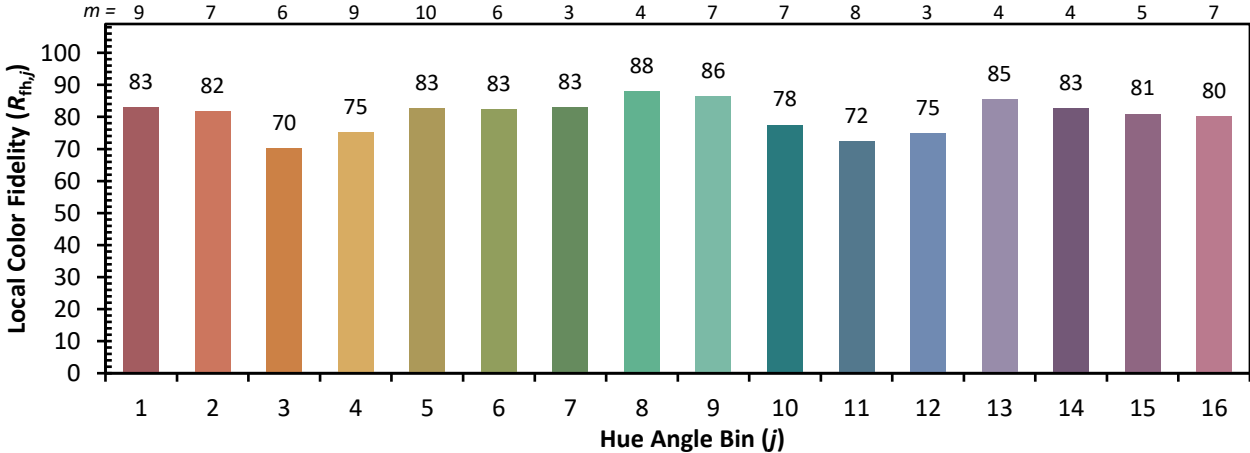


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 68 | CES51 = 90 | CES76 = 59 |
| CES02 = 62 | CES27 = 89 | CES52 = 90 | CES77 = 78 |
| CES03 = 31 | CES28 = 84 | CES53 = 81 | CES78 = 61 |
| CES04 = 70 | CES29 = 66 | CES54 = 91 | CES79 = 86 |
| CES05 = 49 | CES30 = 77 | CES55 = 90 | CES80 = 82 |
| CES06 = 51 | CES31 = 69 | CES56 = 80 | CES81 = 79 |
| CES07 = 42 | CES32 = 62 | CES57 = 79 | CES82 = 92 |
| CES08 = 41 | CES33 = 74 | CES58 = 81 | CES83 = 89 |
| CES09 = 29 | CES34 = 72 | CES59 = 92 | CES84 = 89 |
| CES10 = 75 | CES35 = 85 | CES60 = 94 | CES85 = 82 |
| CES11 = 58 | CES36 = 97 | CES61 = 90 | CES86 = 78 |
| CES12 = 64 | CES37 = 79 | CES62 = 92 | CES87 = 82 |
| CES13 = 43 | CES38 = 85 | CES63 = 78 | CES88 = 86 |
| CES14 = 74 | CES39 = 94 | CES64 = 79 | CES89 = 76 |
| CES15 = 71 | CES40 = 89 | CES65 = 76 | CES90 = 85 |
| CES16 = 47 | CES41 = 89 | CES66 = 73 | CES91 = 83 |
| CES17 = 49 | CES42 = 77 | CES67 = 70 | CES92 = 73 |
| CES18 = 56 | CES43 = 74 | CES68 = 76 | CES93 = 84 |
| CES19 = 72 | CES44 = 99 | CES69 = 81 | CES94 = 65 |
| CES20 = 66 | CES45 = 83 | CES70 = 68 | CES95 = 79 |
| CES21 = 86 | CES46 = 82 | CES71 = 64 | CES96 = 85 |
| CES22 = 78 | CES47 = 81 | CES72 = 88 | CES97 = 85 |
| CES23 = 92 | CES48 = 80 | CES73 = 60 | CES98 = 82 |
| CES24 = 91 | CES49 = 80 | CES74 = 97 | CES99 = 81 |
| CES25 = 72 | CES50 = 89 | CES75 = 64 |            |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)