

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: P1444452

Luminaire Tested: EHBR1-30-UNV-TA-L830-UPL18

Issue Date: 5/1/2026

**Test Information**

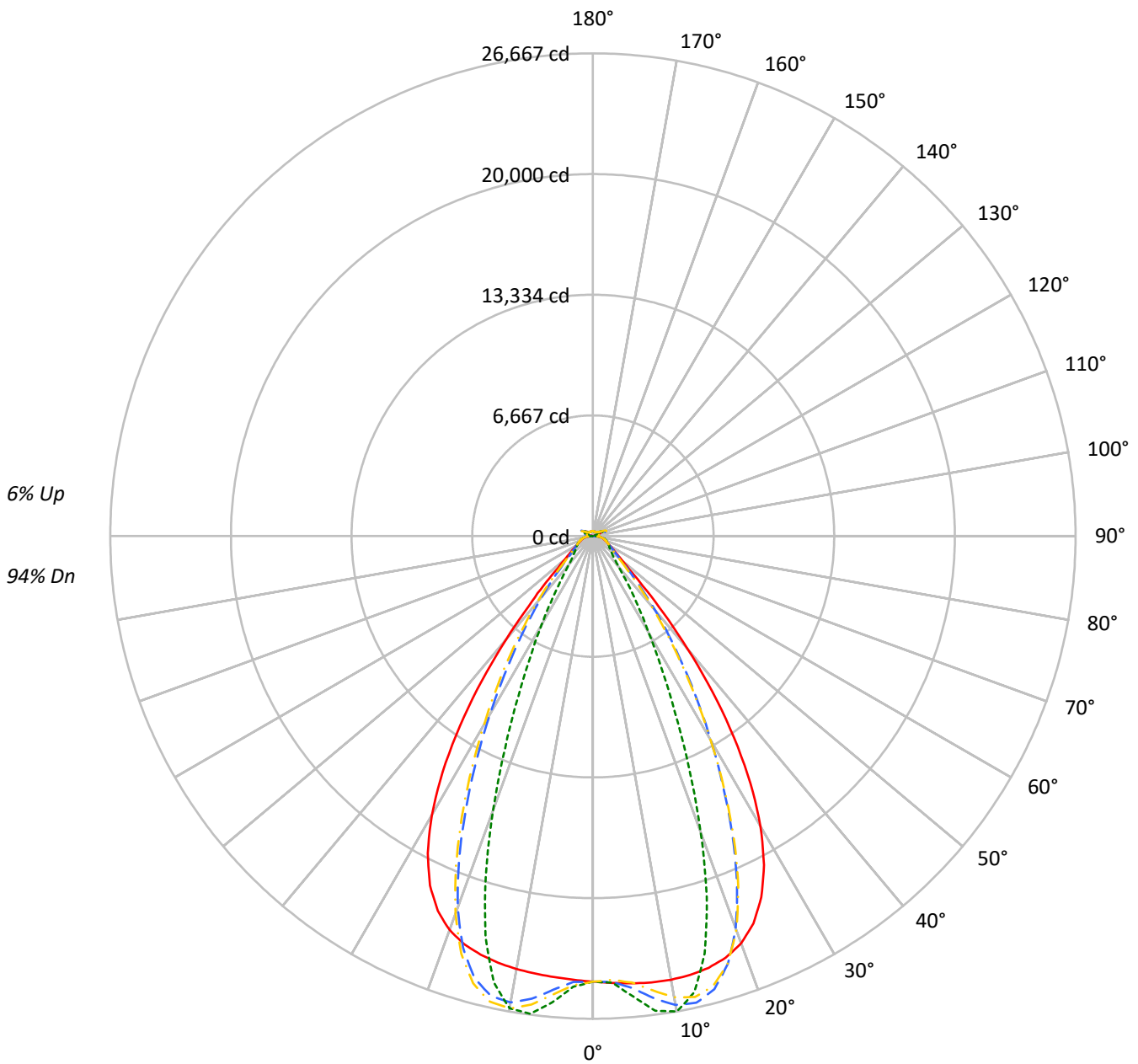
Test Method: LM-79-2019  
Report Number: P1444452  
REPORT IS A COMBINATION OF REPORTS P1444321 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-30-UNV-TA-L830-UPL18  
Description: Elevate Round Highbay at, 30000 lumens, 3000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30227.6 lumens  
Efficiency: N/A  
Efficacy: 176.0 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): 171.7  
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: P1444452  
CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

### Luminous Intensity Polar Plot



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



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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    | 20 |    |    |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |    |    | 10 |    |    | 0  |    |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |
| 0   | 118 | 118 | 118 | 118 | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 102 | 102 | 102 | 96 | 96 | 96 | 96 | 96 | 96 | 94 |
| 1   | 110 | 107 | 104 | 101 | 107 | 104 | 101 | 99  | 99  | 97  | 95  | 94  | 92  | 91  | 90 | 88 | 87 | 87 | 87 | 87 | 85 |
| 2   | 104 | 98  | 93  | 89  | 101 | 95  | 91  | 87  | 91  | 87  | 84  | 87  | 84  | 82  | 83 | 81 | 79 | 79 | 79 | 79 | 77 |
| 3   | 97  | 90  | 84  | 79  | 95  | 88  | 82  | 78  | 84  | 80  | 76  | 81  | 77  | 74  | 78 | 75 | 72 | 72 | 72 | 72 | 70 |
| 4   | 92  | 83  | 76  | 71  | 89  | 81  | 75  | 71  | 78  | 73  | 69  | 75  | 71  | 67  | 73 | 69 | 66 | 66 | 66 | 66 | 64 |
| 5   | 86  | 77  | 70  | 65  | 84  | 75  | 69  | 64  | 73  | 67  | 63  | 70  | 66  | 62  | 68 | 64 | 61 | 61 | 61 | 61 | 59 |
| 6   | 81  | 71  | 64  | 59  | 79  | 70  | 64  | 59  | 68  | 62  | 58  | 66  | 61  | 57  | 64 | 60 | 56 | 56 | 56 | 56 | 55 |
| 7   | 77  | 66  | 60  | 55  | 75  | 65  | 59  | 54  | 63  | 58  | 54  | 62  | 57  | 53  | 60 | 56 | 52 | 52 | 52 | 52 | 51 |
| 8   | 73  | 62  | 55  | 51  | 71  | 61  | 55  | 51  | 60  | 54  | 50  | 58  | 53  | 49  | 56 | 52 | 49 | 49 | 49 | 49 | 47 |
| 9   | 69  | 58  | 52  | 47  | 67  | 57  | 51  | 47  | 56  | 50  | 47  | 55  | 50  | 46  | 53 | 49 | 46 | 46 | 46 | 46 | 44 |
| 10  | 65  | 55  | 48  | 44  | 64  | 54  | 48  | 44  | 53  | 47  | 44  | 52  | 47  | 43  | 50 | 46 | 43 | 43 | 43 | 43 | 41 |

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

|     | 0°     | 90°    | 180°   | 270°   |
|-----|--------|--------|--------|--------|
| 0°  | 115600 | 115600 | 115600 | 115600 |
| 5°  | 116159 | 119546 | 114533 | 121112 |
| 10° | 117129 | 125515 | 114320 | 124684 |
| 15° | 117703 | 113778 | 114120 | 109197 |
| 20° | 116486 | 84760  | 112674 | 78423  |
| 25° | 110259 | 53606  | 106615 | 48638  |
| 30° | 96320  | 32213  | 92589  | 29440  |
| 35° | 74128  | 20213  | 69864  | 17906  |
| 40° | 46893  | 12680  | 42903  | 11915  |
| 45° | 24169  | 9879   | 23769  | 9716   |
| 50° | 14171  | 8787   | 13736  | 8650   |
| 55° | 10856  | 8313   | 10454  | 8238   |
| 60° | 9186   | 8491   | 8795   | 8382   |
| 65° | 8628   | 8869   | 8298   | 8566   |
| 70° | 8429   | 9285   | 8008   | 8936   |
| 75° | 9013   | 9848   | 8525   | 9413   |
| 80° | 9326   | 10904  | 8455   | 9953   |
| 85° | 8784   | 10524  | 7096   | 9011   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 36988 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 2426.0  | 8.0       |
| 10°-20°   | 6824.5  | 22.6      |
| 20°-30°   | 7772.6  | 25.7      |
| 30°-40°   | 5586.6  | 18.5      |
| 40°-50°   | 2576.5  | 8.5       |
| 50°-60°   | 1233.0  | 4.1       |
| 60°-70°   | 899.6   | 3.0       |
| 70°-80°   | 683.5   | 2.3       |
| 80°-90°   | 313.9   | 1.0       |
| 90°-100°  | 55.6    | 0.2       |
| 100°-110° | 308.5   | 1.0       |
| 110°-120° | 569.8   | 1.9       |
| 120°-130° | 351.4   | 1.2       |
| 130°-140° | 229.6   | 0.8       |
| 140°-150° | 173.2   | 0.6       |
| 150°-160° | 122.6   | 0.4       |
| 160°-170° | 74.9    | 0.2       |
| 170°-180° | 25.8    | 0.1       |
| 0°-30°    | 17023.0 | 56.3      |
| 0°-40°    | 22609.6 | 74.8      |
| 0°-60°    | 26419.1 | 87.4      |
| 0°-90°    | 28316.1 | 93.7      |
| 90°-120°  | 933.8   | 3.1       |
| 90°-150°  | 1688.1  | 5.6       |
| 90°-180°  | 1911.0  | 6.3       |
| 0°-180°   | 30227.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°    | 90°   | 180°  | 270°  | 360°  | Flux |
|------|-------|-------|-------|-------|-------|------|
| 0°   | 24616 | 24616 | 24616 | 24616 | 24616 |      |
| 5°   | 24802 | 25525 | 24455 | 25859 | 24802 | 2370 |
| 15°  | 24694 | 23870 | 23942 | 22909 | 24694 | 6958 |
| 25°  | 22019 | 10705 | 21291 | 9713  | 22019 | 9982 |
| 35°  | 13605 | 3710  | 12823 | 3286  | 13605 | 8350 |
| 45°  | 3910  | 1598  | 3846  | 1572  | 3910  | 3326 |
| 55°  | 1467  | 1123  | 1413  | 1113  | 1467  | 1354 |
| 65°  | 901   | 926   | 866   | 894   | 901   | 899  |
| 75°  | 635   | 694   | 600   | 663   | 635   | 660  |
| 85°  | 302   | 362   | 244   | 310   | 302   | 284  |
| 90°  | 81    | 103   | 23    | 28    | 81    | 50   |
| 95°  | 25    | 28    | 25    | 28    | 25    | 24   |
| 105° | 112   | 144   | 76    | 144   | 112   | 148  |
| 115° | 498   | 602   | 522   | 602   | 498   | 460  |
| 125° | 379   | 393   | 428   | 394   | 379   | 345  |
| 135° | 303   | 265   | 326   | 268   | 303   | 237  |
| 145° | 274   | 263   | 291   | 267   | 274   | 173  |
| 155° | 260   | 259   | 276   | 262   | 260   | 121  |
| 165° | 262   | 260   | 271   | 262   | 262   | 74   |
| 175° | 269   | 272   | 274   | 272   | 269   | 26   |
| 180° | 273   | 273   | 273   | 273   | 273   |      |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24710.1 | 24708.1 | 24707.8 | 24706.0 | 24705.6 | 24705.6 | 24704.8 | 24702.7 | 24701.5 | 24698.7 | 24695.4 |
| 5°     | 24801.8 | 24800.7 | 24801.3 | 24801.5 | 24799.8 | 24796.0 | 24789.9 | 24782.6 | 24773.2 | 24764.5 | 24756.7 |
| 7.5°   | 24872.7 | 24874.4 | 24876.6 | 24876.2 | 24870.7 | 24861.8 | 24849.4 | 24842.5 | 24846.6 | 24860.0 | 24890.7 |
| 10°    | 24885.6 | 24896.2 | 24900.3 | 24899.0 | 24888.3 | 24880.6 | 24883.6 | 24909.6 | 24961.5 | 25030.8 | 25125.5 |
| 12.5°  | 24835.2 | 24848.2 | 24847.7 | 24843.4 | 24833.0 | 24843.6 | 24881.3 | 24959.0 | 25070.3 | 25206.8 | 25367.1 |
| 15°    | 24693.5 | 24710.3 | 24705.6 | 24700.0 | 24693.1 | 24727.8 | 24803.3 | 24938.1 | 25110.0 | 25302.6 | 25499.7 |
| 17.5°  | 24418.5 | 24438.7 | 24428.9 | 24422.5 | 24416.7 | 24481.8 | 24611.5 | 24808.9 | 25025.4 | 25243.3 | 25430.1 |
| 20°    | 23941.3 | 23954.9 | 23931.5 | 23920.5 | 23929.7 | 24057.4 | 24248.3 | 24500.5 | 24728.6 | 24934.6 | 25062.4 |
| 22.5°  | 23162.7 | 23179.5 | 23135.5 | 23130.3 | 23184.8 | 23380.8 | 23622.4 | 23904.2 | 24118.7 | 24282.0 | 24331.2 |
| 25°    | 22018.7 | 22035.2 | 21982.9 | 22014.2 | 22106.7 | 22373.8 | 22661.4 | 22962.9 | 23145.9 | 23266.8 | 23233.5 |
| 27.5°  | 20474.5 | 20489.7 | 20440.0 | 20503.9 | 20650.1 | 21001.0 | 21339.6 | 21666.7 | 21829.7 | 21914.5 | 21807.1 |
| 30°    | 18527.0 | 18558.5 | 18499.8 | 18589.0 | 18812.2 | 19267.7 | 19655.7 | 20022.4 | 20185.0 | 20249.5 | 20082.4 |
| 32.5°  | 16214.0 | 16258.7 | 16194.1 | 16326.7 | 16638.2 | 17185.3 | 17626.1 | 18036.0 | 18215.7 | 18289.3 | 18100.6 |
| 35°    | 13605.1 | 13669.4 | 13595.2 | 13794.3 | 14178.4 | 14787.7 | 15275.8 | 15733.3 | 15946.3 | 16050.7 | 15860.4 |
| 37.5°  | 10841.3 | 10902.4 | 10862.3 | 11127.9 | 11549.7 | 12181.3 | 12679.5 | 13173.0 | 13413.6 | 13570.2 | 13420.2 |
| 40°    | 8127.7  | 8183.7  | 8214.1  | 8517.8  | 8914.6  | 9509.8  | 9988.3  | 10476.7 | 10745.7 | 10942.4 | 10849.8 |
| 42.5°  | 5736.6  | 5793.0  | 5896.3  | 6189.3  | 6520.2  | 7013.0  | 7422.9  | 7861.3  | 8118.3  | 8328.0  | 8292.4  |
| 45°    | 3910.5  | 3976.0  | 4105.4  | 4345.4  | 4584.7  | 4938.2  | 5239.2  | 5580.2  | 5790.1  | 5982.2  | 5984.5  |
| 47.5°  | 2740.2  | 2786.3  | 2901.9  | 3065.8  | 3221.8  | 3664.3  | 3682.5  | 3850.1  | 3991.2  | 4134.8  | 4153.5  |
| 50°    | 2111.9  | 2139.6  | 2200.9  | 2292.2  | 2380.6  | 2495.5  | 2600.7  | 2722.2  | 2809.0  | 2887.7  | 2906.5  |
| 52.5°  | 1735.8  | 1753.4  | 1784.6  | 1834.1  | 1885.4  | 1947.9  | 2004.2  | 2070.9  | 2118.1  | 2160.2  | 2169.0  |
| 55°    | 1467.1  | 1481.7  | 1528.1  | 1537.5  | 1596.2  | 1607.5  | 1632.5  | 1673.1  | 1700.5  | 1725.8  | 1732.1  |
| 57.5°  | 1264.3  | 1274.9  | 1284.7  | 1305.8  | 1323.9  | 1350.1  | 1371.2  | 1400.4  | 1417.7  | 1436.0  | 1437.5  |
| 60°    | 1104.3  | 1111.9  | 1118.9  | 1133.5  | 1145.9  | 1164.1  | 1178.7  | 1198.5  | 1210.9  | 1224.6  | 1226.2  |
| 62.5°  | 985.2   | 990.7   | 995.3   | 1005.0  | 1013.7  | 1027.8  | 1039.4  | 1055.9  | 1067.5  | 1078.1  | 1080.4  |
| 65°    | 900.6   | 904.6   | 907.6   | 914.9   | 922.6   | 934.5   | 945.0   | 958.4   | 967.0   | 975.0   | 976.8   |
| 67.5°  | 825.5   | 829.4   | 832.5   | 839.1   | 844.4   | 853.3   | 860.4   | 870.5   | 876.9   | 883.4   | 883.6   |
| 70°    | 739.6   | 743.2   | 745.5   | 751.7   | 756.0   | 763.7   | 769.3   | 778.5   | 785.1   | 792.3   | 794.0   |
| 72.5°  | 680.1   | 682.2   | 685.4   | 691.1   | 697.0   | 705.2   | 712.7   | 722.3   | 730.2   | 737.7   | 740.8   |
| 75°    | 634.9   | 637.3   | 639.4   | 644.3   | 648.4   | 655.3   | 660.9   | 669.7   | 676.6   | 684.5   | 688.5   |
| 77.5°  | 569.5   | 572.4   | 574.2   | 579.1   | 582.6   | 589.3   | 593.4   | 601.2   | 606.9   | 614.2   | 617.8   |
| 80°    | 490.6   | 493.3   | 494.6   | 499.1   | 502.0   | 508.1   | 512.2   | 519.7   | 524.4   | 531.7   | 536.0   |
| 82.5°  | 403.2   | 405.7   | 406.4   | 410.7   | 412.2   | 417.3   | 420.3   | 428.0   | 433.8   | 443.3   | 449.9   |
| 85°    | 301.9   | 302.8   | 304.2   | 303.1   | 309.3   | 309.7   | 316.6   | 317.8   | 327.0   | 329.3   | 339.7   |
| 87.5°  | 184.5   | 187.3   | 188.7   | 192.9   | 194.6   | 198.9   | 200.2   | 204.7   | 207.1   | 212.2   | 214.6   |
| 90°    | 80.7    | 85.1    | 86.7    | 91.9    | 93.4    | 98.1    | 99.3    | 104.3   | 105.9   | 111.3   | 113.6   |
| 92.5°  | 22.4    | 23.8    | 25.1    | 26.7    | 28.1    | 30.1    | 31.8    | 33.2    | 34.7    | 36.5    | 39.4    |
| 95°    | 25.3    | 26.9    | 28.5    | 30.1    | 31.7    | 33.3    | 34.9    | 36.5    | 38.1    | 39.7    | 44.3    |
| 97.5°  | 31.7    | 33.1    | 34.5    | 35.8    | 37.2    | 38.6    | 40.0    | 41.3    | 42.7    | 44.0    | 49.6    |
| 100°   | 40.8    | 42.1    | 43.2    | 44.4    | 45.5    | 46.7    | 47.9    | 49.1    | 50.2    | 51.4    | 61.6    |
| 102.5° | 66.9    | 71.0    | 75.2    | 79.3    | 83.5    | 87.6    | 91.8    | 95.8    | 100.0   | 104.2   | 126.0   |
| 105°   | 112.2   | 123.5   | 134.9   | 146.0   | 157.4   | 168.7   | 180.0   | 191.1   | 202.4   | 213.7   | 249.3   |
| 107.5° | 190.4   | 211.2   | 232.1   | 253.1   | 274.0   | 294.8   | 315.7   | 336.6   | 357.4   | 378.1   | 414.3   |
| 110°   | 350.0   | 366.6   | 383.5   | 400.3   | 417.0   | 433.8   | 450.6   | 467.1   | 484.0   | 500.7   | 527.0   |



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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° | 471.4 | 478.8 | 486.4 | 494.0 | 501.6 | 509.0 | 516.6 | 524.1 | 531.7 | 539.2 | 558.0 |
| 115°   | 498.0 | 500.7 | 503.3 | 505.9 | 508.6 | 511.1 | 513.7 | 516.2 | 518.7 | 521.2 | 533.9 |
| 117.5° | 485.0 | 484.6 | 484.0 | 483.5 | 482.8 | 482.2 | 481.6 | 480.9 | 480.2 | 479.5 | 486.6 |
| 120°   | 454.1 | 451.7 | 449.3 | 446.8 | 444.4 | 441.8 | 439.3 | 436.8 | 434.2 | 431.4 | 434.4 |
| 122.5° | 414.9 | 412.0 | 409.2 | 406.2 | 403.3 | 400.1 | 397.2 | 393.9 | 390.9 | 387.8 | 388.8 |
| 125°   | 378.8 | 375.8 | 373.0 | 369.9 | 366.9 | 363.7 | 360.6 | 357.4 | 354.3 | 351.0 | 351.5 |
| 127.5° | 347.8 | 345.7 | 343.7 | 341.2 | 339.0 | 336.7 | 334.4 | 331.9 | 329.6 | 327.0 | 327.0 |
| 130°   | 328.4 | 326.6 | 324.7 | 322.5 | 320.4 | 318.2 | 316.0 | 313.7 | 311.5 | 309.1 | 309.1 |
| 132.5° | 313.0 | 311.7 | 310.2 | 308.7 | 307.1 | 305.2 | 303.6 | 301.6 | 299.9 | 298.2 | 298.2 |
| 135°   | 303.4 | 302.0 | 300.8 | 299.3 | 297.8 | 296.0 | 294.3 | 292.5 | 290.8 | 289.1 | 289.3 |
| 137.5° | 295.3 | 294.2 | 293.0 | 291.5 | 290.1 | 288.3 | 286.9 | 285.1 | 283.5 | 281.8 | 281.9 |
| 140°   | 288.1 | 287.0 | 285.9 | 284.5 | 283.2 | 281.8 | 280.2 | 278.7 | 277.1 | 275.4 | 275.7 |
| 142.5° | 279.6 | 278.6 | 277.7 | 276.6 | 275.6 | 274.2 | 273.0 | 271.6 | 270.3 | 268.8 | 269.4 |
| 145°   | 274.5 | 273.7 | 272.9 | 272.0 | 270.9 | 269.7 | 268.6 | 267.3 | 266.2 | 265.0 | 265.6 |
| 147.5° | 270.0 | 269.3 | 268.7 | 267.9 | 267.1 | 266.0 | 265.1 | 263.9 | 263.0 | 262.0 | 262.7 |
| 150°   | 266.0 | 265.5 | 265.0 | 264.2 | 263.3 | 262.4 | 261.4 | 260.5 | 259.6 | 258.5 | 259.2 |
| 152.5° | 261.8 | 261.2 | 260.6 | 259.8 | 259.1 | 258.0 | 257.4 | 256.4 | 255.4 | 254.5 | 255.1 |
| 155°   | 259.7 | 259.1 | 258.4 | 257.7 | 256.9 | 256.2 | 255.3 | 254.4 | 253.7 | 252.7 | 253.2 |
| 157.5° | 259.0 | 258.3 | 257.9 | 257.1 | 256.8 | 255.9 | 255.3 | 254.5 | 253.8 | 253.2 | 253.5 |
| 160°   | 259.6 | 259.0 | 258.4 | 257.7 | 257.1 | 256.4 | 255.8 | 255.0 | 254.5 | 253.8 | 254.0 |
| 162.5° | 260.2 | 259.6 | 259.0 | 258.3 | 257.9 | 257.0 | 256.5 | 255.9 | 255.3 | 254.6 | 254.9 |
| 165°   | 261.6 | 261.2 | 260.8 | 260.3 | 259.9 | 259.5 | 259.0 | 258.4 | 258.0 | 257.4 | 257.6 |
| 167.5° | 265.0 | 264.4 | 264.1 | 263.5 | 263.0 | 262.5 | 261.9 | 261.3 | 261.0 | 260.3 | 260.5 |
| 170°   | 266.8 | 266.3 | 266.1 | 265.8 | 265.5 | 265.1 | 264.8 | 264.4 | 264.1 | 263.7 | 263.9 |
| 172.5° | 268.8 | 268.5 | 268.3 | 268.1 | 267.7 | 267.5 | 267.2 | 267.0 | 266.8 | 266.4 | 266.8 |
| 175°   | 269.4 | 269.1 | 269.0 | 268.8 | 268.7 | 268.6 | 268.5 | 268.3 | 268.3 | 268.0 | 268.1 |
| 177.5° | 271.4 | 271.3 | 271.3 | 271.2 | 271.2 | 271.1 | 271.0 | 270.8 | 270.7 | 270.7 | 270.8 |
| 180°   | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 |



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 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°     | 42.5°   | 45°     | 47.5°   | 50°     | 52.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24693.1 | 24690.1 | 24685.9 | 24680.8 | 24676.3 | 24671.0 | 24658.8 | 24655.1 | 24659.2 | 24662.0 | 24667.6 |
| 5°     | 24751.7 | 24753.5 | 24754.1 | 24765.3 | 24775.0 | 24799.2 | 24988.6 | 25063.8 | 25122.1 | 25159.0 | 25215.1 |
| 7.5°   | 24928.6 | 24985.6 | 25041.9 | 25117.6 | 25182.9 | 25271.1 | 25602.4 | 25743.5 | 25843.7 | 25915.8 | 26004.5 |
| 10°    | 25228.4 | 25352.7 | 25469.1 | 25605.6 | 25723.0 | 25857.4 | 26165.7 | 26303.2 | 26389.9 | 26453.0 | 26512.0 |
| 12.5°  | 25530.4 | 25702.7 | 25858.4 | 26010.3 | 26137.4 | 26253.8 | 26362.3 | 26410.4 | 26414.4 | 26416.5 | 26385.2 |
| 15°    | 25687.6 | 25852.4 | 25989.6 | 26090.1 | 26164.7 | 26197.7 | 26011.0 | 25913.0 | 25789.2 | 25687.2 | 25519.4 |
| 17.5°  | 25588.4 | 25687.2 | 25746.5 | 25740.7 | 25709.8 | 25606.5 | 25077.6 | 24786.6 | 24497.8 | 24237.5 | 23896.3 |
| 20°    | 25147.1 | 25139.6 | 25088.0 | 24941.9 | 24765.9 | 24492.2 | 23585.4 | 23062.2 | 22556.3 | 22112.0 | 21573.1 |
| 22.5°  | 24326.1 | 24197.0 | 24016.8 | 23701.9 | 23352.1 | 22874.0 | 21574.4 | 20804.8 | 20100.6 | 19478.5 | 18781.6 |
| 25°    | 23136.6 | 22870.9 | 22538.6 | 22038.7 | 21495.0 | 20797.7 | 19195.9 | 18238.7 | 17393.1 | 16659.8 | 15855.7 |
| 27.5°  | 21614.3 | 21213.9 | 20727.1 | 20035.2 | 19298.5 | 18405.1 | 16629.3 | 15572.9 | 14665.2 | 13879.0 | 13023.2 |
| 30°    | 19811.9 | 19291.2 | 18662.7 | 17803.8 | 16915.4 | 15902.0 | 14100.9 | 13030.9 | 12112.2 | 11303.5 | 10446.9 |
| 32.5°  | 17775.1 | 17165.3 | 16428.7 | 15464.8 | 14503.9 | 13462.1 | 11722.7 | 10687.0 | 9809.3  | 9031.2  | 8256.1  |
| 35°    | 15528.7 | 14874.7 | 14095.4 | 13112.2 | 12157.2 | 11144.2 | 9548.2  | 8614.3  | 7839.3  | 7151.5  | 6525.6  |
| 37.5°  | 13118.9 | 12476.8 | 11736.1 | 10809.5 | 9923.9  | 9006.0  | 7628.8  | 6846.3  | 6195.9  | 5625.0  | 5141.7  |
| 40°    | 10613.5 | 10051.5 | 9410.6  | 8609.6  | 7853.7  | 7089.3  | 5958.9  | 5337.6  | 4824.4  | 4389.0  | 4026.9  |
| 42.5°  | 8138.6  | 7703.2  | 7211.7  | 6578.7  | 6000.3  | 5418.2  | 4548.2  | 4087.9  | 3707.8  | 3394.4  | 3138.3  |
| 45°    | 5904.8  | 5613.6  | 5284.0  | 4843.8  | 4443.7  | 4037.7  | 3418.4  | 3095.0  | 2847.4  | 2645.3  | 2474.4  |
| 47.5°  | 4127.8  | 3958.8  | 3948.5  | 3541.8  | 3248.3  | 3000.1  | 2601.1  | 2396.9  | 2245.2  | 2122.8  | 2014.6  |
| 50°    | 2898.8  | 2817.1  | 2715.5  | 2570.4  | 2434.2  | 2293.9  | 2050.8  | 1927.4  | 1838.5  | 1764.3  | 1695.9  |
| 52.5°  | 2167.1  | 2124.6  | 2070.6  | 1993.6  | 1919.8  | 1840.8  | 1687.0  | 1608.4  | 1580.5  | 1511.4  | 1457.2  |
| 55°    | 1730.9  | 1706.6  | 1675.8  | 1630.5  | 1585.7  | 1567.7  | 1435.9  | 1377.5  | 1340.5  | 1313.3  | 1284.1  |
| 57.5°  | 1437.8  | 1419.7  | 1401.4  | 1370.7  | 1344.7  | 1313.3  | 1243.3  | 1213.3  | 1191.4  | 1175.3  | 1155.1  |
| 60°    | 1226.4  | 1215.6  | 1205.4  | 1187.4  | 1173.3  | 1156.4  | 1111.9  | 1095.0  | 1083.6  | 1073.8  | 1061.0  |
| 62.5°  | 1082.5  | 1076.8  | 1071.6  | 1062.0  | 1054.9  | 1045.6  | 1015.3  | 1007.1  | 1001.4  | 996.6   | 988.8   |
| 65°    | 978.6   | 974.6   | 971.6   | 965.2   | 961.6   | 956.3   | 930.2   | 924.7   | 921.2   | 919.4   | 914.9   |
| 67.5°  | 884.1   | 879.9   | 878.0   | 873.5   | 872.0   | 868.6   | 847.3   | 844.3   | 843.0   | 843.6   | 842.0   |
| 70°    | 795.8   | 794.0   | 795.0   | 794.2   | 796.3   | 796.9   | 783.9   | 783.8   | 785.2   | 788.0   | 788.2   |
| 72.5°  | 742.9   | 742.9   | 743.9   | 744.3   | 746.3   | 747.2   | 736.4   | 735.9   | 736.5   | 738.5   | 738.6   |
| 75°    | 692.5   | 693.4   | 696.1   | 697.0   | 699.3   | 699.7   | 685.5   | 683.9   | 684.0   | 685.9   | 685.2   |
| 77.5°  | 622.8   | 625.8   | 631.1   | 633.8   | 638.2   | 638.9   | 623.0   | 621.1   | 621.2   | 623.1   | 621.4   |
| 80°    | 543.8   | 549.5   | 557.8   | 563.5   | 570.3   | 573.0   | 556.6   | 552.7   | 549.0   | 548.4   | 545.2   |
| 82.5°  | 459.7   | 466.8   | 476.7   | 481.8   | 489.1   | 490.7   | 463.3   | 458.1   | 455.0   | 455.2   | 452.2   |
| 85°    | 351.0   | 356.2   | 365.3   | 368.2   | 372.7   | 372.3   | 341.0   | 327.5   | 331.0   | 325.5   | 329.9   |
| 87.5°  | 220.1   | 223.2   | 228.9   | 229.6   | 231.7   | 231.3   | 199.7   | 193.5   | 191.7   | 191.7   | 189.5   |
| 90°    | 119.4   | 122.1   | 127.8   | 128.6   | 132.6   | 132.8   | 108.0   | 105.8   | 102.9   | 103.5   | 99.8    |
| 92.5°  | 42.5    | 45.3    | 48.3    | 51.2    | 54.2    | 57.2    | 57.2    | 59.3    | 56.6    | 53.4    | 50.8    |
| 95°    | 49.0    | 53.7    | 58.4    | 63.1    | 67.8    | 72.5    | 77.2    | 81.9    | 77.5    | 73.1    | 68.7    |
| 97.5°  | 55.1    | 60.7    | 66.1    | 71.7    | 77.2    | 82.8    | 88.3    | 93.9    | 89.2    | 84.3    | 79.6    |
| 100°   | 72.0    | 82.3    | 92.7    | 103.0   | 113.3   | 123.6   | 134.0   | 144.3   | 135.3   | 126.0   | 117.0   |
| 102.5° | 147.8   | 169.8   | 191.7   | 213.6   | 235.5   | 257.5   | 279.5   | 301.5   | 280.6   | 259.7   | 238.8   |
| 105°   | 284.9   | 320.4   | 355.9   | 391.3   | 426.8   | 462.3   | 498.1   | 533.6   | 500.3   | 466.9   | 433.5   |
| 107.5° | 450.3   | 486.3   | 522.2   | 558.2   | 594.2   | 630.2   | 666.7   | 702.7   | 670.1   | 637.4   | 604.9   |
| 110°   | 553.3   | 579.4   | 605.8   | 631.9   | 658.1   | 684.5   | 711.2   | 737.5   | 718.0   | 698.3   | 678.6   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 576.5 | 595.4 | 614.1 | 632.7 | 651.3 | 670.0 | 689.5 | 708.4 | 698.5 | 688.4 | 678.6 |
| 115°   | 546.4 | 559.0 | 571.5 | 584.0 | 596.7 | 609.0 | 622.5 | 635.4 | 632.1 | 628.7 | 625.5 |
| 117.5° | 493.5 | 500.5 | 507.4 | 514.3 | 521.1 | 528.0 | 536.3 | 543.4 | 543.7 | 544.0 | 544.4 |
| 120°   | 437.3 | 440.2 | 442.9 | 445.8 | 448.4 | 451.1 | 455.5 | 458.6 | 461.0 | 463.4 | 465.9 |
| 122.5° | 389.8 | 390.7 | 391.5 | 392.4 | 393.2 | 394.2 | 396.8 | 398.1 | 399.7 | 401.3 | 402.9 |
| 125°   | 351.7 | 352.1 | 352.4 | 352.7 | 352.9 | 353.2 | 355.6 | 356.1 | 356.1 | 355.9 | 355.8 |
| 127.5° | 326.8 | 326.7 | 326.5 | 326.3 | 326.1 | 326.0 | 327.8 | 328.1 | 326.8 | 325.4 | 324.0 |
| 130°   | 309.2 | 309.2 | 309.1 | 309.1 | 309.1 | 309.2 | 311.5 | 312.0 | 309.8 | 307.4 | 305.2 |
| 132.5° | 298.2 | 298.3 | 298.2 | 298.5 | 298.5 | 298.5 | 301.2 | 301.8 | 299.4 | 296.6 | 294.1 |
| 135°   | 289.3 | 289.5 | 289.7 | 289.8 | 289.9 | 290.3 | 293.2 | 293.9 | 291.6 | 289.0 | 286.4 |
| 137.5° | 281.9 | 282.2 | 282.3 | 282.7 | 282.8 | 283.1 | 286.3 | 287.1 | 285.2 | 283.1 | 281.1 |
| 140°   | 276.0 | 276.2 | 276.6 | 277.0 | 277.4 | 277.8 | 281.3 | 282.3 | 280.8 | 279.0 | 277.5 |
| 142.5° | 269.8 | 270.4 | 271.0 | 271.6 | 272.2 | 273.0 | 277.0 | 278.4 | 277.2 | 275.8 | 274.6 |
| 145°   | 266.1 | 267.1 | 267.7 | 268.5 | 269.2 | 270.1 | 274.6 | 276.3 | 275.6 | 274.6 | 273.8 |
| 147.5° | 262.9 | 263.8 | 264.4 | 265.1 | 265.8 | 266.9 | 271.6 | 273.2 | 272.8 | 272.1 | 271.5 |
| 150°   | 259.7 | 260.5 | 261.2 | 261.9 | 262.8 | 263.8 | 269.1 | 271.1 | 270.6 | 270.1 | 269.6 |
| 152.5° | 255.6 | 256.3 | 256.8 | 257.6 | 258.3 | 259.2 | 265.7 | 267.7 | 267.4 | 266.9 | 266.5 |
| 155°   | 253.6 | 254.0 | 254.4 | 255.0 | 255.4 | 256.3 | 263.3 | 265.3 | 265.0 | 264.7 | 264.4 |
| 157.5° | 253.7 | 253.8 | 254.0 | 254.4 | 254.8 | 255.2 | 262.5 | 264.7 | 264.3 | 264.1 | 263.8 |
| 160°   | 254.1 | 254.3 | 254.4 | 254.6 | 254.8 | 255.1 | 262.7 | 264.7 | 264.5 | 264.2 | 263.9 |
| 162.5° | 255.2 | 255.6 | 255.8 | 256.0 | 256.3 | 256.8 | 264.3 | 266.7 | 266.2 | 265.8 | 265.5 |
| 165°   | 257.8 | 257.8 | 257.9 | 258.2 | 258.3 | 258.4 | 265.6 | 267.5 | 267.3 | 267.0 | 266.7 |
| 167.5° | 260.5 | 260.8 | 261.0 | 261.2 | 261.3 | 261.7 | 268.3 | 270.1 | 270.0 | 269.6 | 269.4 |
| 170°   | 263.9 | 264.2 | 264.2 | 264.5 | 264.7 | 265.1 | 270.5 | 272.1 | 271.9 | 271.5 | 271.2 |
| 172.5° | 267.0 | 267.3 | 267.5 | 267.8 | 268.0 | 268.4 | 273.1 | 274.5 | 274.3 | 274.0 | 273.6 |
| 175°   | 268.4 | 268.5 | 268.7 | 269.0 | 269.3 | 269.5 | 273.2 | 274.3 | 274.2 | 274.0 | 273.8 |
| 177.5° | 271.1 | 271.2 | 271.4 | 271.6 | 271.8 | 272.0 | 274.4 | 275.0 | 274.9 | 274.9 | 274.8 |
| 180°   | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 57.5°   | 60°     | 62.5°   | 65°     | 67.5°   | 70°     | 72.5°   | 75°     | 77.5°   | 80°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24668.9 | 24677.6 | 24678.8 | 24688.9 | 24688.2 | 24700.2 | 24698.3 | 24708.1 | 24702.3 | 24710.5 | 24703.6 |
| 5°     | 25248.3 | 25300.9 | 25328.3 | 25379.6 | 25395.8 | 25441.7 | 25454.7 | 25496.6 | 25498.2 | 25531.5 | 25523.9 |
| 7.5°   | 26067.5 | 26144.9 | 26190.8 | 26254.3 | 26286.4 | 26339.2 | 26362.5 | 26401.5 | 26414.2 | 26445.2 | 26447.5 |
| 10°    | 26556.6 | 26594.2 | 26620.5 | 26638.2 | 26654.3 | 26661.9 | 26670.7 | 26668.4 | 26670.7 | 26667.3 | 26674.8 |
| 12.5°  | 26364.2 | 26309.3 | 26273.0 | 26204.2 | 26164.3 | 26088.4 | 26051.0 | 25977.9 | 25951.4 | 25888.7 | 25879.6 |
| 15°    | 25389.8 | 25198.4 | 25063.1 | 24866.5 | 24742.9 | 24549.4 | 24436.2 | 24261.6 | 24181.9 | 24043.2 | 24006.7 |
| 17.5°  | 23613.7 | 23258.5 | 22983.5 | 22630.8 | 22386.0 | 22056.4 | 21849.1 | 21576.2 | 21426.8 | 21206.8 | 21130.7 |
| 20°    | 21123.8 | 20598.1 | 20185.7 | 19694.4 | 19342.8 | 18904.7 | 18624.3 | 18270.6 | 18065.2 | 17794.9 | 17685.4 |
| 22.5°  | 18200.5 | 17546.0 | 17031.0 | 16450.5 | 16026.3 | 15538.1 | 15202.1 | 14819.4 | 14596.0 | 14302.4 | 14172.4 |
| 25°    | 15187.4 | 14465.7 | 13893.1 | 13281.6 | 12833.4 | 12343.9 | 12007.9 | 11632.0 | 11400.8 | 11122.0 | 10992.8 |
| 27.5°  | 12305.7 | 11575.2 | 11021.8 | 10453.2 | 10042.1 | 9600.5  | 9297.3  | 8969.0  | 8763.8  | 8525.9  | 8404.4  |
| 30°    | 9762.8  | 9118.4  | 8647.4  | 8175.6  | 7833.6  | 7474.9  | 7223.0  | 6950.9  | 6770.9  | 6567.2  | 6451.4  |
| 32.5°  | 7690.8  | 7193.4  | 6824.7  | 6450.3  | 6170.4  | 5870.6  | 5652.9  | 5412.9  | 5250.3  | 5068.4  | 4963.6  |
| 35°    | 6091.0  | 5704.6  | 5410.4  | 5102.3  | 4861.7  | 4606.5  | 4414.6  | 4207.4  | 4061.7  | 3905.0  | 3814.5  |
| 37.5°  | 4812.5  | 4505.2  | 4263.1  | 4007.1  | 3809.7  | 3598.2  | 3527.0  | 3289.3  | 3138.2  | 3013.1  | 2926.6  |
| 40°    | 3776.9  | 3532.5  | 3332.2  | 3136.5  | 2975.4  | 2815.0  | 2686.3  | 2559.3  | 2461.8  | 2372.3  | 2310.5  |
| 42.5°  | 2949.5  | 2772.4  | 2626.2  | 2482.7  | 2365.2  | 2248.4  | 2155.1  | 2067.6  | 2001.9  | 1943.5  | 1903.6  |
| 45°    | 2344.7  | 2222.9  | 2121.3  | 2020.3  | 1937.4  | 1859.4  | 1796.6  | 1740.8  | 1698.3  | 1663.2  | 1638.3  |
| 47.5°  | 1926.2  | 1842.9  | 1771.1  | 1703.0  | 1646.7  | 1595.6  | 1553.5  | 1539.9  | 1494.2  | 1463.5  | 1451.8  |
| 50°    | 1637.0  | 1586.7  | 1532.2  | 1482.0  | 1444.3  | 1406.9  | 1379.7  | 1353.0  | 1335.8  | 1321.7  | 1317.5  |
| 52.5°  | 1421.2  | 1382.7  | 1352.4  | 1320.6  | 1295.7  | 1269.1  | 1250.3  | 1232.5  | 1223.2  | 1215.8  | 1214.8  |
| 55°    | 1260.7  | 1233.8  | 1213.7  | 1192.3  | 1177.5  | 1161.9  | 1152.2  | 1142.8  | 1138.7  | 1134.9  | 1135.2  |
| 57.5°  | 1139.3  | 1121.3  | 1108.2  | 1094.4  | 1086.4  | 1078.9  | 1076.5  | 1074.0  | 1075.3  | 1075.9  | 1078.0  |
| 60°    | 1050.8  | 1039.1  | 1030.9  | 1023.0  | 1019.6  | 1017.2  | 1019.0  | 1021.1  | 1025.4  | 1028.9  | 1032.0  |
| 62.5°  | 983.0   | 976.3   | 972.3   | 968.1   | 967.7   | 967.9   | 971.6   | 975.0   | 980.5   | 984.5   | 987.5   |
| 65°    | 913.2   | 909.4   | 908.1   | 905.3   | 906.7   | 907.6   | 912.0   | 914.7   | 920.0   | 923.2   | 927.1   |
| 67.5°  | 842.7   | 841.8   | 842.6   | 842.6   | 845.1   | 847.2   | 851.4   | 854.5   | 859.1   | 862.0   | 865.1   |
| 70°    | 790.6   | 791.0   | 792.9   | 793.2   | 795.9   | 797.3   | 801.0   | 803.0   | 807.1   | 809.6   | 813.3   |
| 72.5°  | 740.0   | 739.2   | 739.6   | 738.4   | 739.3   | 739.0   | 740.9   | 742.0   | 745.4   | 747.4   | 751.9   |
| 75°    | 686.0   | 683.8   | 683.2   | 680.8   | 680.9   | 679.1   | 680.0   | 679.9   | 682.1   | 683.0   | 686.3   |
| 77.5°  | 620.9   | 617.1   | 615.2   | 611.1   | 611.0   | 609.5   | 611.1   | 612.1   | 616.2   | 618.0   | 621.8   |
| 80°    | 543.0   | 537.0   | 534.2   | 529.5   | 530.4   | 530.1   | 534.0   | 537.1   | 542.0   | 542.9   | 547.7   |
| 82.5°  | 451.3   | 445.2   | 442.3   | 437.6   | 438.8   | 438.8   | 442.5   | 443.1   | 447.4   | 449.2   | 454.7   |
| 85°    | 323.2   | 325.5   | 319.0   | 319.5   | 318.1   | 320.6   | 323.2   | 326.3   | 329.8   | 335.7   | 340.3   |
| 87.5°  | 190.3   | 189.5   | 191.7   | 192.0   | 195.3   | 197.1   | 202.3   | 205.3   | 211.3   | 215.9   | 224.3   |
| 90°    | 99.3    | 95.6    | 96.8    | 95.2    | 97.7    | 96.1    | 98.5    | 96.5    | 99.6    | 99.4    | 103.4   |
| 92.5°  | 47.4    | 44.8    | 41.5    | 38.7    | 35.5    | 32.9    | 31.1    | 30.0    | 28.4    | 27.4    | 25.6    |
| 95°    | 64.3    | 59.9    | 55.5    | 51.1    | 46.8    | 42.4    | 40.8    | 39.2    | 37.7    | 36.1    | 34.4    |
| 97.5°  | 74.9    | 70.2    | 65.5    | 60.7    | 56.0    | 51.3    | 50.3    | 49.2    | 48.1    | 47.1    | 46.0    |
| 100°   | 107.8   | 98.7    | 89.6    | 80.6    | 71.5    | 62.4    | 61.5    | 60.7    | 59.9    | 59.0    | 58.1    |
| 102.5° | 218.0   | 197.0   | 176.2   | 155.3   | 134.5   | 113.7   | 110.1   | 106.5   | 102.9   | 99.2    | 95.6    |
| 105°   | 400.1   | 366.6   | 333.3   | 299.9   | 266.6   | 233.2   | 223.3   | 213.2   | 203.3   | 193.3   | 183.5   |
| 107.5° | 572.3   | 539.6   | 507.1   | 474.6   | 442.1   | 409.6   | 393.9   | 378.1   | 362.3   | 346.6   | 330.9   |
| 110°   | 658.9   | 639.3   | 619.8   | 600.1   | 580.6   | 561.1   | 546.0   | 531.0   | 515.9   | 500.9   | 486.0   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 668.6 | 658.8 | 648.9 | 639.1 | 629.3 | 619.4 | 612.1 | 604.7 | 597.4 | 590.0 | 582.6 |
| 115°   | 622.2 | 618.9 | 615.6 | 612.5 | 609.3 | 606.1 | 605.4 | 605.0 | 604.3 | 603.8 | 603.2 |
| 117.5° | 544.7 | 545.3 | 545.5 | 546.0 | 546.5 | 546.9 | 550.7 | 554.4 | 558.3 | 562.2 | 566.2 |
| 120°   | 468.3 | 470.6 | 472.9 | 475.5 | 477.9 | 480.5 | 485.5 | 490.6 | 495.7 | 501.0 | 506.3 |
| 122.5° | 404.4 | 405.9 | 407.4 | 409.2 | 410.7 | 412.4 | 417.3 | 422.4 | 427.3 | 432.5 | 437.9 |
| 125°   | 355.4 | 355.2 | 355.1 | 354.7 | 354.5 | 354.5 | 358.5 | 362.6 | 366.7 | 371.0 | 375.1 |
| 127.5° | 322.5 | 321.0 | 319.5 | 318.2 | 316.6 | 315.3 | 317.5 | 319.8 | 322.0 | 324.5 | 326.8 |
| 130°   | 302.7 | 300.5 | 298.1 | 295.8 | 293.3 | 291.0 | 291.8 | 292.5 | 293.2 | 294.0 | 294.9 |
| 132.5° | 291.4 | 288.7 | 286.0 | 283.4 | 280.5 | 277.9 | 277.5 | 277.3 | 276.9 | 276.7 | 276.6 |
| 135°   | 283.9 | 281.5 | 278.8 | 276.1 | 273.5 | 271.1 | 270.1 | 269.2 | 268.5 | 267.7 | 266.9 |
| 137.5° | 279.0 | 276.9 | 274.8 | 272.8 | 270.5 | 268.5 | 267.2 | 266.2 | 265.0 | 264.2 | 263.1 |
| 140°   | 275.7 | 274.0 | 272.1 | 270.4 | 268.6 | 267.1 | 265.9 | 265.1 | 264.1 | 263.3 | 262.5 |
| 142.5° | 273.1 | 271.9 | 270.5 | 269.3 | 267.9 | 266.6 | 265.7 | 264.7 | 263.8 | 263.0 | 262.1 |
| 145°   | 272.8 | 271.9 | 270.9 | 270.0 | 269.0 | 268.2 | 267.2 | 266.6 | 265.8 | 265.3 | 264.6 |
| 147.5° | 270.9 | 270.2 | 269.6 | 268.8 | 268.1 | 267.4 | 266.9 | 266.5 | 265.7 | 265.4 | 264.8 |
| 150°   | 268.9 | 268.3 | 267.6 | 267.2 | 266.5 | 265.9 | 265.5 | 265.1 | 264.6 | 264.4 | 264.2 |
| 152.5° | 265.8 | 265.3 | 264.7 | 264.2 | 263.6 | 263.1 | 262.7 | 262.5 | 262.1 | 261.8 | 261.4 |
| 155°   | 264.0 | 263.6 | 263.1 | 262.7 | 262.2 | 261.9 | 261.4 | 261.0 | 260.7 | 260.3 | 259.8 |
| 157.5° | 263.4 | 263.1 | 262.7 | 262.4 | 261.8 | 261.4 | 261.1 | 260.7 | 260.2 | 259.9 | 259.6 |
| 160°   | 263.5 | 263.2 | 262.7 | 262.5 | 262.1 | 261.7 | 261.2 | 260.8 | 260.2 | 259.8 | 259.2 |
| 162.5° | 265.0 | 264.4 | 264.1 | 263.6 | 263.1 | 262.7 | 262.3 | 261.9 | 261.5 | 261.2 | 260.7 |
| 165°   | 266.3 | 265.9 | 265.6 | 265.2 | 265.0 | 264.6 | 264.1 | 263.7 | 263.0 | 262.7 | 262.1 |
| 167.5° | 269.0 | 268.7 | 268.4 | 268.1 | 267.6 | 267.3 | 267.0 | 266.5 | 266.0 | 265.6 | 264.9 |
| 170°   | 270.9 | 270.3 | 270.1 | 269.6 | 269.2 | 268.8 | 268.5 | 268.0 | 267.5 | 267.2 | 266.6 |
| 172.5° | 273.3 | 273.1 | 272.8 | 272.5 | 272.0 | 271.7 | 271.5 | 271.1 | 270.7 | 270.3 | 270.0 |
| 175°   | 273.7 | 273.6 | 273.5 | 273.2 | 273.1 | 273.0 | 272.8 | 272.7 | 272.5 | 272.4 | 272.1 |
| 177.5° | 274.8 | 274.7 | 274.7 | 274.5 | 274.5 | 274.5 | 274.3 | 274.2 | 273.9 | 273.7 | 273.6 |
| 180°   | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°   | 85°     | 87.5°   | 90°     | 92.5°   | 95°     | 97.5°   | 100°    | 102.5°  | 105°    | 107.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24710.8 | 24704.5 | 24707.5 | 24695.9 | 24698.7 | 24684.7 | 24683.4 | 24667.6 | 24666.1 | 24651.2 | 24645.7 |
| 5°     | 25547.4 | 25533.7 | 25549.2 | 25525.0 | 25529.7 | 25498.2 | 25495.6 | 25455.0 | 25440.9 | 25390.0 | 25367.9 |
| 7.5°   | 26466.9 | 26461.7 | 26471.2 | 26451.0 | 26450.3 | 26422.2 | 26410.7 | 26374.2 | 26351.5 | 26298.1 | 26263.9 |
| 10°    | 26668.4 | 26673.2 | 26665.4 | 26667.3 | 26656.3 | 26653.3 | 26642.1 | 26634.9 | 26616.7 | 26602.8 | 26582.4 |
| 12.5°  | 25831.9 | 25836.9 | 25805.0 | 25825.3 | 25809.2 | 25846.6 | 25843.6 | 25887.5 | 25894.3 | 25949.9 | 25971.0 |
| 15°    | 23898.6 | 23892.6 | 23831.4 | 23870.0 | 23849.3 | 23931.2 | 23949.5 | 24059.7 | 24118.7 | 24260.2 | 24347.1 |
| 17.5°  | 20978.2 | 20962.4 | 20876.1 | 20923.2 | 20899.3 | 21020.0 | 21060.6 | 21236.8 | 21346.8 | 21574.7 | 21737.2 |
| 20°    | 17496.9 | 17466.6 | 17365.7 | 17420.7 | 17396.1 | 17533.3 | 17591.2 | 17804.2 | 17945.9 | 18247.9 | 18462.8 |
| 22.5°  | 13972.2 | 13924.6 | 13825.7 | 13877.1 | 13853.8 | 13995.9 | 14071.2 | 14285.0 | 14447.4 | 14757.4 | 15008.1 |
| 25°    | 10807.2 | 10764.7 | 10669.2 | 10705.1 | 10696.5 | 10816.7 | 10883.6 | 11085.9 | 11245.4 | 11540.7 | 11780.1 |
| 27.5°  | 8242.9  | 8198.6  | 8112.4  | 8137.8  | 8129.0  | 8231.5  | 8294.7  | 8463.5  | 8600.8  | 8849.4  | 9059.6  |
| 30°    | 6308.7  | 6255.3  | 6182.2  | 6196.2  | 6190.2  | 6273.2  | 6332.2  | 6474.4  | 6592.1  | 6802.2  | 6983.3  |
| 32.5°  | 4835.7  | 4782.0  | 4714.7  | 4721.3  | 4712.5  | 4777.6  | 4826.2  | 4949.9  | 5052.4  | 5231.1  | 5388.7  |
| 35°    | 3699.9  | 3762.6  | 3619.0  | 3709.9  | 3615.2  | 3754.3  | 3704.3  | 3781.6  | 3869.8  | 4020.4  | 4151.8  |
| 37.5°  | 2844.4  | 2800.7  | 2763.8  | 2759.8  | 2759.6  | 2791.9  | 2829.9  | 2904.3  | 2982.0  | 3094.1  | 3210.0  |
| 40°    | 2254.0  | 2223.4  | 2199.5  | 2197.7  | 2199.5  | 2222.3  | 2250.4  | 2302.0  | 2358.8  | 2439.4  | 2524.5  |
| 42.5°  | 1869.5  | 1849.2  | 1834.7  | 1833.7  | 1838.3  | 1854.5  | 1874.1  | 1904.6  | 1941.6  | 1993.9  | 2052.2  |
| 45°    | 1618.1  | 1606.7  | 1598.7  | 1598.3  | 1600.4  | 1608.8  | 1620.0  | 1639.1  | 1662.6  | 1695.2  | 1732.1  |
| 47.5°  | 1441.6  | 1438.9  | 1433.8  | 1434.0  | 1431.8  | 1435.2  | 1436.5  | 1447.2  | 1459.7  | 1484.2  | 1532.5  |
| 50°    | 1313.2  | 1313.2  | 1309.7  | 1309.5  | 1306.2  | 1306.1  | 1303.3  | 1307.6  | 1313.4  | 1328.6  | 1344.0  |
| 52.5°  | 1211.6  | 1211.3  | 1207.5  | 1206.8  | 1203.3  | 1203.1  | 1200.8  | 1202.5  | 1203.2  | 1210.9  | 1220.2  |
| 55°    | 1132.3  | 1129.9  | 1125.0  | 1123.4  | 1122.1  | 1124.1  | 1123.1  | 1123.2  | 1122.2  | 1125.5  | 1128.2  |
| 57.5°  | 1075.3  | 1072.3  | 1067.6  | 1066.2  | 1065.9  | 1068.2  | 1068.3  | 1067.5  | 1063.2  | 1060.3  | 1056.1  |
| 60°    | 1030.3  | 1027.2  | 1022.1  | 1020.8  | 1021.6  | 1024.9  | 1024.7  | 1021.9  | 1015.6  | 1010.1  | 1003.5  |
| 62.5°  | 986.0   | 984.8   | 982.1   | 981.9   | 981.2   | 981.8   | 979.4   | 976.5   | 970.2   | 964.3   | 957.3   |
| 65°    | 926.6   | 927.2   | 925.4   | 925.7   | 923.3   | 922.9   | 919.5   | 916.7   | 910.3   | 905.0   | 897.7   |
| 67.5°  | 865.0   | 865.4   | 863.8   | 863.8   | 862.7   | 862.9   | 860.7   | 858.1   | 852.7   | 848.4   | 842.8   |
| 70°    | 814.1   | 815.4   | 814.5   | 814.7   | 813.3   | 812.8   | 809.5   | 807.0   | 801.4   | 797.7   | 792.7   |
| 72.5°  | 753.3   | 756.0   | 755.9   | 756.6   | 754.4   | 753.3   | 749.4   | 746.2   | 741.1   | 738.2   | 734.2   |
| 75°    | 687.6   | 691.2   | 692.1   | 693.7   | 690.6   | 688.9   | 684.6   | 682.1   | 678.0   | 676.3   | 673.7   |
| 77.5°  | 623.5   | 627.4   | 631.2   | 634.6   | 629.6   | 625.1   | 619.7   | 615.6   | 609.8   | 607.5   | 603.4   |
| 80°    | 551.4   | 558.5   | 566.7   | 573.6   | 564.6   | 555.5   | 546.7   | 540.1   | 532.3   | 529.1   | 524.0   |
| 82.5°  | 457.5   | 464.6   | 469.4   | 473.9   | 467.5   | 460.9   | 452.3   | 446.5   | 438.2   | 435.1   | 429.1   |
| 85°    | 347.6   | 356.4   | 359.2   | 361.7   | 357.6   | 354.1   | 346.0   | 335.2   | 329.9   | 321.6   | 317.3   |
| 87.5°  | 228.7   | 233.9   | 234.9   | 235.8   | 233.2   | 231.6   | 226.3   | 221.3   | 212.2   | 205.6   | 197.6   |
| 90°    | 102.3   | 105.0   | 102.1   | 102.6   | 100.2   | 101.4   | 97.0    | 96.1    | 89.5    | 87.5    | 81.8    |
| 92.5°  | 24.4    | 22.8    | 21.5    | 20.0    | 21.8    | 22.9    | 24.5    | 25.6    | 27.3    | 28.4    | 30.0    |
| 95°    | 32.8    | 31.2    | 29.6    | 28.0    | 29.3    | 30.5    | 31.8    | 33.2    | 34.4    | 35.7    | 37.0    |
| 97.5°  | 45.0    | 43.9    | 42.8    | 41.8    | 42.5    | 43.3    | 44.0    | 44.8    | 45.4    | 46.2    | 47.0    |
| 100°   | 57.2    | 56.4    | 55.5    | 54.7    | 54.7    | 54.7    | 54.7    | 54.7    | 54.7    | 54.7    | 54.7    |
| 102.5° | 92.0    | 88.3    | 84.8    | 81.1    | 83.6    | 86.0    | 88.4    | 90.9    | 93.4    | 95.8    | 98.3    |
| 105°   | 173.6   | 163.6   | 153.7   | 143.8   | 153.3   | 163.0   | 172.5   | 182.2   | 191.7   | 201.6   | 211.1   |
| 107.5° | 315.1   | 299.5   | 283.7   | 268.1   | 285.7   | 303.2   | 320.6   | 338.2   | 355.7   | 373.2   | 390.8   |
| 110°   | 471.0   | 456.1   | 441.1   | 426.2   | 444.7   | 463.3   | 481.8   | 500.4   | 519.1   | 537.7   | 556.4   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°   | 97.5° | 100°  | 102.5° | 105°  | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 112.5° | 575.3 | 568.1 | 560.8 | 553.6 | 565.6 | 577.5 | 589.5 | 601.6 | 613.5  | 625.5 | 637.5  |
| 115°   | 602.8 | 602.3 | 601.9 | 601.5 | 607.1 | 612.8 | 618.4 | 624.1 | 629.9  | 635.6 | 641.4  |
| 117.5° | 570.1 | 574.0 | 578.1 | 582.2 | 583.9 | 585.8 | 587.7 | 589.5 | 591.5  | 593.4 | 595.4  |
| 120°   | 511.6 | 516.8 | 522.2 | 527.6 | 526.9 | 526.1 | 525.5 | 524.7 | 524.4  | 523.7 | 523.3  |
| 122.5° | 443.2 | 448.4 | 453.8 | 459.2 | 457.6 | 456.0 | 454.5 | 453.0 | 451.6  | 450.1 | 448.8  |
| 125°   | 379.6 | 383.9 | 388.4 | 392.9 | 391.3 | 389.7 | 388.2 | 386.9 | 385.5  | 384.1 | 382.9  |
| 127.5° | 329.5 | 332.3 | 334.8 | 337.6 | 336.8 | 336.1 | 335.6 | 335.0 | 334.6  | 334.2 | 333.9  |
| 130°   | 295.9 | 296.9 | 298.2 | 299.5 | 299.7 | 299.8 | 300.3 | 300.7 | 301.2  | 301.7 | 302.6  |
| 132.5° | 276.7 | 276.7 | 276.9 | 277.2 | 278.0 | 278.9 | 279.9 | 280.9 | 282.3  | 283.4 | 285.0  |
| 135°   | 266.4 | 265.9 | 265.6 | 265.3 | 266.6 | 267.7 | 269.2 | 270.7 | 272.4  | 274.2 | 276.0  |
| 137.5° | 262.5 | 261.7 | 261.2 | 260.5 | 261.8 | 263.0 | 264.5 | 266.0 | 267.6  | 269.4 | 271.3  |
| 140°   | 261.8 | 261.1 | 260.7 | 260.1 | 261.4 | 262.6 | 264.1 | 265.6 | 267.1  | 268.9 | 270.8  |
| 142.5° | 261.5 | 260.9 | 260.4 | 260.0 | 261.1 | 262.2 | 263.7 | 264.9 | 266.5  | 267.8 | 269.6  |
| 145°   | 264.1 | 263.5 | 263.2 | 262.8 | 263.6 | 264.4 | 265.4 | 266.4 | 267.6  | 268.6 | 270.1  |
| 147.5° | 264.4 | 264.1 | 263.9 | 263.6 | 264.2 | 264.8 | 265.6 | 266.2 | 267.1  | 267.9 | 268.9  |
| 150°   | 264.1 | 263.7 | 263.5 | 263.4 | 263.8 | 264.1 | 264.6 | 264.9 | 265.6  | 266.0 | 266.9  |
| 152.5° | 261.3 | 261.0 | 261.0 | 260.8 | 261.1 | 261.4 | 261.9 | 262.2 | 262.7  | 263.1 | 263.8  |
| 155°   | 259.7 | 259.4 | 259.1 | 258.8 | 258.8 | 258.9 | 259.1 | 259.1 | 259.5  | 259.6 | 259.8  |
| 157.5° | 259.4 | 259.0 | 258.8 | 258.4 | 258.3 | 258.2 | 258.2 | 258.1 | 258.3  | 258.1 | 258.2  |
| 160°   | 258.9 | 258.4 | 258.1 | 257.7 | 257.7 | 257.5 | 257.7 | 257.5 | 257.6  | 257.6 | 257.8  |
| 162.5° | 260.4 | 260.0 | 259.8 | 259.5 | 259.3 | 258.9 | 258.7 | 258.3 | 258.2  | 258.0 | 257.9  |
| 165°   | 261.6 | 261.1 | 260.7 | 260.2 | 260.1 | 259.9 | 259.8 | 259.7 | 259.6  | 259.4 | 259.5  |
| 167.5° | 264.6 | 264.1 | 263.7 | 263.2 | 262.9 | 262.6 | 262.4 | 262.0 | 261.6  | 261.3 | 261.2  |
| 170°   | 266.3 | 265.8 | 265.6 | 265.2 | 265.0 | 264.7 | 264.6 | 264.4 | 264.3  | 264.2 | 264.2  |
| 172.5° | 269.7 | 269.3 | 269.0 | 268.7 | 268.6 | 268.4 | 268.3 | 268.2 | 268.1  | 268.1 | 268.0  |
| 175°   | 272.0 | 271.8 | 271.7 | 271.6 | 271.5 | 271.4 | 271.1 | 271.0 | 270.9  | 270.7 | 270.5  |
| 177.5° | 273.3 | 273.1 | 273.0 | 272.9 | 272.8 | 272.8 | 272.8 | 272.8 | 272.8  | 272.7 | 272.6  |
| 180°   | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0 | 273.0  | 273.0 | 273.0  |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 112.5°  | 115°    | 117.5°  | 120°    | 122.5°  | 125°    | 127.5°  | 130°    | 132.5°  | 135°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24629.6 | 24623.2 | 24606.1 | 24597.7 | 24582.0 | 24574.0 | 24561.7 | 24553.8 | 24543.8 | 24536.4 | 24532.6 |
| 5°     | 25312.0 | 25280.6 | 25217.4 | 25178.5 | 25110.4 | 25065.6 | 24997.9 | 24948.2 | 24878.3 | 24826.8 | 24760.8 |
| 7.5°   | 26199.9 | 26151.6 | 26070.8 | 26009.4 | 25914.1 | 25841.2 | 25734.2 | 25648.6 | 25530.4 | 25432.2 | 25311.5 |
| 10°    | 26561.4 | 26533.2 | 26496.9 | 26457.4 | 26404.6 | 26352.8 | 26279.7 | 26205.3 | 26106.1 | 26007.3 | 25878.4 |
| 12.5°  | 26027.1 | 26053.7 | 26106.1 | 26130.5 | 26170.5 | 26184.1 | 26202.5 | 26193.8 | 26177.6 | 26137.4 | 26078.8 |
| 15°    | 24514.0 | 24625.0 | 24800.1 | 24921.2 | 25091.0 | 25210.2 | 25367.9 | 25469.5 | 25586.5 | 25656.4 | 25722.8 |
| 17.5°  | 22025.1 | 22239.5 | 22548.6 | 22795.2 | 23126.3 | 23395.4 | 23725.2 | 23984.3 | 24283.4 | 24513.0 | 24757.3 |
| 20°    | 18837.2 | 19137.4 | 19564.1 | 19926.5 | 20406.2 | 20812.9 | 21334.1 | 21770.6 | 22279.8 | 22704.3 | 23162.5 |
| 22.5°  | 15406.1 | 15759.3 | 16248.2 | 16685.2 | 17258.1 | 17769.7 | 18422.6 | 18999.8 | 19688.3 | 20304.9 | 20987.2 |
| 25°    | 12169.3 | 12515.4 | 13013.4 | 13466.0 | 14084.4 | 14648.0 | 15361.3 | 16023.4 | 16822.4 | 17567.3 | 18422.6 |
| 27.5°  | 9393.5  | 9700.9  | 10138.7 | 10546.1 | 11112.5 | 11665.8 | 12389.7 | 13095.8 | 13948.3 | 14748.9 | 15670.6 |
| 30°    | 7254.4  | 7503.9  | 7854.7  | 8182.3  | 8637.0  | 9089.5  | 9734.4  | 10387.4 | 11235.6 | 12065.3 | 13010.2 |
| 32.5°  | 5621.9  | 5834.7  | 6127.5  | 6393.5  | 6743.8  | 7085.0  | 7559.9  | 8081.7  | 8825.8  | 9620.5  | 10534.1 |
| 35°    | 4352.0  | 4534.0  | 4783.2  | 5012.3  | 5300.5  | 5571.4  | 5925.7  | 6298.1  | 6866.0  | 7534.4  | 8352.1  |
| 37.5°  | 3469.7  | 3543.9  | 3721.7  | 3909.4  | 4148.8  | 4371.3  | 4648.5  | 4924.0  | 5330.2  | 5857.6  | 6525.6  |
| 40°    | 2638.6  | 2756.5  | 2901.2  | 3049.1  | 3230.2  | 3408.8  | 3712.9  | 3859.3  | 4126.8  | 4505.4  | 5023.9  |
| 42.5°  | 2129.0  | 2211.9  | 2313.8  | 2416.6  | 2542.9  | 2667.2  | 2821.0  | 2977.7  | 3177.6  | 3434.1  | 3802.9  |
| 45°    | 1781.6  | 1835.7  | 1901.3  | 1969.8  | 2052.8  | 2137.6  | 2240.6  | 2348.1  | 2483.7  | 2641.3  | 2865.3  |
| 47.5°  | 1549.5  | 1579.4  | 1622.3  | 1669.0  | 1725.9  | 1784.6  | 1851.6  | 1920.2  | 2004.4  | 2097.9  | 2225.3  |
| 50°    | 1368.3  | 1393.3  | 1426.6  | 1457.9  | 1497.0  | 1557.3  | 1583.9  | 1621.7  | 1672.3  | 1727.4  | 1798.7  |
| 52.5°  | 1237.3  | 1253.9  | 1274.8  | 1292.8  | 1317.6  | 1340.1  | 1369.7  | 1395.7  | 1430.7  | 1463.8  | 1509.9  |
| 55°    | 1135.2  | 1141.2  | 1153.1  | 1164.6  | 1181.8  | 1197.2  | 1217.4  | 1234.5  | 1256.9  | 1276.6  | 1305.7  |
| 57.5°  | 1056.3  | 1056.9  | 1062.4  | 1068.4  | 1079.5  | 1089.1  | 1103.1  | 1114.3  | 1129.8  | 1142.4  | 1159.8  |
| 60°    | 999.7   | 996.7   | 997.8   | 999.8   | 1006.1  | 1012.4  | 1021.3  | 1028.6  | 1038.3  | 1045.5  | 1055.3  |
| 62.5°  | 952.5   | 947.8   | 946.7   | 946.2   | 949.3   | 951.5   | 956.4   | 959.9   | 965.5   | 968.6   | 973.8   |
| 65°    | 893.0   | 887.4   | 885.2   | 882.7   | 883.6   | 882.8   | 884.6   | 884.7   | 887.5   | 888.2   | 891.2   |
| 67.5°  | 838.9   | 834.3   | 831.5   | 828.1   | 826.5   | 824.0   | 822.9   | 820.6   | 820.2   | 818.1   | 817.7   |
| 70°    | 789.6   | 785.1   | 782.7   | 779.5   | 777.9   | 774.7   | 772.6   | 768.6   | 766.2   | 762.5   | 760.4   |
| 72.5°  | 732.7   | 730.1   | 729.4   | 727.2   | 726.6   | 724.8   | 724.0   | 721.2   | 719.5   | 716.3   | 714.5   |
| 75°    | 673.1   | 671.0   | 670.8   | 668.6   | 668.4   | 666.3   | 665.7   | 662.7   | 661.1   | 657.9   | 656.5   |
| 77.5°  | 602.1   | 599.0   | 598.1   | 595.6   | 596.2   | 595.1   | 596.0   | 593.7   | 592.7   | 589.6   | 588.5   |
| 80°    | 522.2   | 518.2   | 516.5   | 513.1   | 514.1   | 512.6   | 514.1   | 513.9   | 515.1   | 512.6   | 512.1   |
| 82.5°  | 427.5   | 423.1   | 422.3   | 419.9   | 421.5   | 421.7   | 425.1   | 423.2   | 424.0   | 421.6   | 422.5   |
| 85°    | 311.1   | 307.8   | 303.2   | 302.7   | 299.7   | 302.7   | 298.8   | 301.4   | 297.1   | 300.1   | 296.1   |
| 87.5°  | 192.9   | 186.1   | 182.6   | 177.7   | 175.9   | 171.2   | 169.4   | 166.0   | 166.9   | 165.4   | 166.3   |
| 90°    | 81.1    | 76.0    | 75.9    | 72.2    | 73.1    | 70.1    | 71.7    | 69.9    | 72.0    | 70.2    | 72.5    |
| 92.5°  | 31.1    | 32.5    | 34.9    | 37.8    | 40.2    | 42.7    | 45.2    | 48.1    | 50.4    | 53.2    | 55.5    |
| 95°    | 38.2    | 39.5    | 42.9    | 46.4    | 49.7    | 53.2    | 56.7    | 60.1    | 63.5    | 67.0    | 70.3    |
| 97.5°  | 47.8    | 48.5    | 51.9    | 55.4    | 58.7    | 62.2    | 65.6    | 69.2    | 72.6    | 76.1    | 79.4    |
| 100°   | 54.7    | 54.8    | 64.5    | 74.2    | 83.9    | 93.8    | 103.4   | 113.2   | 123.1   | 132.7   | 142.5   |
| 102.5° | 100.7   | 103.1   | 127.7   | 152.3   | 176.9   | 201.4   | 226.0   | 250.7   | 275.2   | 299.9   | 324.6   |
| 105°   | 220.8   | 230.4   | 267.9   | 305.5   | 342.8   | 380.4   | 418.0   | 455.6   | 493.1   | 530.6   | 568.2   |
| 107.5° | 408.3   | 425.9   | 459.8   | 493.7   | 527.6   | 561.6   | 595.6   | 629.5   | 663.4   | 697.4   | 731.5   |
| 110°   | 575.0   | 593.6   | 616.3   | 639.1   | 661.9   | 684.6   | 707.4   | 730.3   | 753.1   | 776.0   | 798.8   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 112.5° | 115°  | 117.5° | 120°  | 122.5° | 125°  | 127.5° | 130°  | 132.5° | 135°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 649.5 | 661.7  | 674.9 | 688.3  | 701.6 | 715.0  | 728.2 | 741.6  | 755.1 | 768.6  | 782.0 |
| 115°   | 647.3 | 653.0  | 658.1 | 663.5  | 668.7 | 674.1  | 679.4 | 684.8  | 690.4 | 695.7  | 701.2 |
| 117.5° | 597.3 | 599.5  | 600.3 | 601.4  | 602.3 | 603.5  | 604.5 | 605.6  | 606.8 | 608.0  | 609.0 |
| 120°   | 522.8 | 522.3  | 521.7 | 520.9  | 520.2 | 519.7  | 519.2 | 518.7  | 518.3 | 517.8  | 517.3 |
| 122.5° | 447.5 | 446.3  | 445.7 | 445.1  | 444.7 | 444.3  | 443.7 | 443.5  | 443.2 | 442.8  | 442.4 |
| 125°   | 381.7 | 380.6  | 381.6 | 382.6  | 383.8 | 384.9  | 386.0 | 387.2  | 388.5 | 389.7  | 391.0 |
| 127.5° | 333.6 | 333.5  | 335.7 | 338.0  | 340.3 | 342.7  | 345.2 | 347.6  | 350.0 | 352.6  | 354.9 |
| 130°   | 303.3 | 304.1  | 307.0 | 310.0  | 312.8 | 315.9  | 318.9 | 322.0  | 324.9 | 327.9  | 330.9 |
| 132.5° | 286.4 | 288.0  | 290.7 | 293.6  | 296.5 | 299.5  | 302.3 | 305.3  | 308.3 | 311.3  | 314.0 |
| 135°   | 277.9 | 279.9  | 282.4 | 285.2  | 287.9 | 290.6  | 293.3 | 296.1  | 298.6 | 301.4  | 304.0 |
| 137.5° | 273.1 | 275.1  | 277.4 | 279.5  | 281.7 | 284.1  | 286.3 | 288.6  | 290.7 | 293.0  | 295.2 |
| 140°   | 272.6 | 274.5  | 275.9 | 277.5  | 278.8 | 280.3  | 281.5 | 283.1  | 284.3 | 285.9  | 287.2 |
| 142.5° | 271.2 | 273.1  | 273.9 | 275.0  | 275.9 | 277.2  | 278.1 | 279.2  | 280.1 | 281.0  | 281.9 |
| 145°   | 271.3 | 272.7  | 273.0 | 273.3  | 273.7 | 274.2  | 274.4 | 274.7  | 274.9 | 275.2  | 275.5 |
| 147.5° | 270.0 | 271.1  | 271.1 | 271.3  | 271.5 | 271.5  | 271.6 | 271.6  | 271.6 | 271.7  | 271.8 |
| 150°   | 267.4 | 268.3  | 268.0 | 268.0  | 267.7 | 267.7  | 267.4 | 267.4  | 267.1 | 267.1  | 266.9 |
| 152.5° | 264.2 | 264.9  | 264.4 | 264.4  | 264.1 | 263.9  | 263.5 | 263.4  | 263.0 | 262.8  | 262.7 |
| 155°   | 260.0 | 260.3  | 260.1 | 259.9  | 259.7 | 259.7  | 259.4 | 259.5  | 259.4 | 259.2  | 259.2 |
| 157.5° | 258.2 | 258.2  | 258.1 | 258.0  | 257.8 | 257.8  | 257.6 | 257.6  | 257.6 | 257.8  | 257.9 |
| 160°   | 257.7 | 257.8  | 257.6 | 257.5  | 257.4 | 257.3  | 257.1 | 257.2  | 257.2 | 257.5  | 257.6 |
| 162.5° | 257.6 | 257.5  | 257.3 | 257.2  | 257.1 | 257.1  | 257.0 | 257.2  | 257.2 | 257.4  | 257.6 |
| 165°   | 259.5 | 259.6  | 259.2 | 259.1  | 258.9 | 258.8  | 258.6 | 258.6  | 258.7 | 258.7  | 258.8 |
| 167.5° | 261.1 | 261.0  | 261.0 | 261.1  | 261.1 | 261.2  | 261.2 | 261.6  | 261.7 | 262.1  | 262.1 |
| 170°   | 264.2 | 264.2  | 264.1 | 264.1  | 263.9 | 263.9  | 263.9 | 263.9  | 263.8 | 263.9  | 263.9 |
| 172.5° | 268.0 | 268.0  | 267.8 | 267.5  | 267.3 | 267.2  | 267.0 | 266.9  | 266.7 | 266.5  | 266.3 |
| 175°   | 270.3 | 270.2  | 270.1 | 270.1  | 270.0 | 269.8  | 269.6 | 269.3  | 269.2 | 269.1  | 269.0 |
| 177.5° | 272.5 | 272.3  | 272.2 | 272.2  | 272.1 | 272.0  | 272.0 | 271.9  | 271.9 | 271.9  | 271.7 |
| 180°   | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 137.5°  | 140°    | 142.5°  | 145°    | 147.5°  | 150°    | 152.5°  | 155°    | 157.5°  | 160°    | 162.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24527.6 | 24527.3 | 24525.0 | 24526.1 | 24526.6 | 24528.3 | 24530.4 | 24532.6 | 24533.1 | 24534.7 | 24535.1 |
| 5°     | 24711.2 | 24650.5 | 24605.7 | 24556.3 | 24519.2 | 24485.8 | 24463.6 | 24445.9 | 24439.0 | 24440.7 | 24444.8 |
| 7.5°   | 25209.0 | 25083.8 | 24980.3 | 24862.9 | 24764.9 | 24661.1 | 24575.1 | 24493.3 | 24433.8 | 24389.4 | 24364.5 |
| 10°    | 25755.2 | 25602.6 | 25456.7 | 25286.6 | 25125.3 | 24953.2 | 24797.2 | 24640.2 | 24509.4 | 24395.6 | 24312.2 |
| 12.5°  | 25997.6 | 25889.7 | 25763.5 | 25603.1 | 25430.5 | 25231.8 | 25031.3 | 24816.2 | 24616.2 | 24430.6 | 24280.9 |
| 15°    | 25740.9 | 25741.1 | 25695.1 | 25618.1 | 25498.2 | 25339.5 | 25148.4 | 24924.2 | 24688.3 | 24447.5 | 24227.6 |
| 17.5°  | 24926.3 | 25080.0 | 25165.4 | 25219.6 | 25202.9 | 25144.5 | 25022.9 | 24850.7 | 24630.8 | 24374.3 | 24105.9 |
| 20°    | 23527.2 | 23889.8 | 24148.3 | 24380.7 | 24511.0 | 24597.5 | 24588.9 | 24518.8 | 24362.2 | 24144.1 | 23864.6 |
| 22.5°  | 21567.4 | 22175.9 | 22656.1 | 23103.8 | 23417.8 | 23673.3 | 23794.7 | 23846.3 | 23775.3 | 23623.4 | 23361.0 |
| 25°    | 19187.1 | 20014.4 | 20720.5 | 21405.7 | 21919.6 | 22361.4 | 22626.9 | 22813.9 | 22828.8 | 22749.4 | 22515.2 |
| 27.5°  | 16542.0 | 17518.6 | 18412.2 | 19322.9 | 20045.8 | 20680.8 | 21097.4 | 21402.4 | 21499.2 | 21486.5 | 21273.9 |
| 30°    | 13900.4 | 14925.6 | 15910.7 | 16972.5 | 17867.0 | 18678.3 | 19228.7 | 19641.1 | 19800.1 | 19830.5 | 19625.9 |
| 32.5°  | 11405.6 | 12416.6 | 13398.9 | 14509.1 | 15493.4 | 16423.1 | 17073.4 | 17563.4 | 17748.2 | 17791.7 | 17567.3 |
| 35°    | 9141.4  | 10074.2 | 11007.6 | 12083.6 | 13062.2 | 14025.1 | 14710.3 | 15223.2 | 15395.8 | 15424.9 | 15165.2 |
| 37.5°  | 7178.0  | 7972.7  | 8786.1  | 9751.5  | 10650.2 | 11554.5 | 12205.5 | 12687.5 | 12813.2 | 12805.5 | 12511.5 |
| 40°    | 5524.8  | 6142.7  | 6796.2  | 7591.0  | 8338.1  | 9102.6  | 9652.3  | 10050.8 | 10116.8 | 10067.9 | 9759.2  |
| 42.5°  | 4154.3  | 4600.6  | 5074.4  | 5667.7  | 6222.1  | 6794.1  | 7194.1  | 7490.0  | 7499.4  | 7422.0  | 7144.8  |
| 45°    | 3095.0  | 3530.4  | 3729.0  | 4087.7  | 4444.8  | 4825.3  | 5069.5  | 5252.2  | 5223.9  | 5155.8  | 4945.3  |
| 47.5°  | 2359.4  | 2526.7  | 2704.2  | 2926.6  | 3134.6  | 3566.2  | 3534.3  | 3827.8  | 3616.4  | 3760.5  | 3443.2  |
| 50°    | 1873.6  | 1967.1  | 2062.7  | 2180.8  | 2289.4  | 2402.3  | 2472.8  | 2525.5  | 2518.6  | 2496.0  | 2435.2  |
| 52.5°  | 1594.0  | 1622.8  | 1670.0  | 1737.1  | 1797.8  | 1858.8  | 1899.0  | 1931.6  | 1932.2  | 1923.2  | 1892.3  |
| 55°    | 1332.2  | 1368.9  | 1402.7  | 1446.7  | 1521.3  | 1532.8  | 1590.4  | 1578.7  | 1583.3  | 1567.3  | 1583.7  |
| 57.5°  | 1174.6  | 1195.9  | 1215.0  | 1241.1  | 1262.7  | 1287.9  | 1302.8  | 1317.1  | 1315.7  | 1312.6  | 1297.0  |
| 60°    | 1062.9  | 1074.7  | 1085.3  | 1100.5  | 1112.3  | 1126.6  | 1133.4  | 1140.7  | 1138.4  | 1133.0  | 1119.1  |
| 62.5°  | 976.8   | 984.2   | 990.2   | 1000.0  | 1007.2  | 1016.1  | 1019.7  | 1022.8  | 1019.7  | 1014.6  | 1002.4  |
| 65°    | 891.8   | 896.6   | 900.5   | 907.9   | 912.9   | 920.5   | 923.5   | 926.4   | 923.6   | 919.7   | 910.3   |
| 67.5°  | 815.2   | 815.7   | 815.3   | 818.3   | 819.9   | 824.5   | 825.8   | 828.0   | 824.6   | 821.2   | 813.3   |
| 70°    | 757.1   | 755.9   | 754.5   | 755.6   | 755.9   | 758.1   | 758.5   | 758.1   | 754.2   | 748.3   | 739.7   |
| 72.5°  | 711.7   | 711.1   | 709.9   | 711.0   | 711.0   | 712.9   | 712.4   | 711.3   | 706.5   | 700.8   | 692.2   |
| 75°    | 653.3   | 652.9   | 650.6   | 650.7   | 649.0   | 649.5   | 647.2   | 645.9   | 640.4   | 635.7   | 628.1   |
| 77.5°  | 585.0   | 583.9   | 580.7   | 579.4   | 576.0   | 574.6   | 570.1   | 567.9   | 562.4   | 558.6   | 552.0   |
| 80°    | 508.7   | 507.5   | 503.4   | 501.1   | 495.6   | 492.1   | 485.6   | 481.8   | 475.6   | 471.8   | 465.5   |
| 82.5°  | 420.5   | 421.0   | 416.8   | 414.0   | 406.2   | 400.2   | 391.4   | 386.7   | 379.7   | 376.1   | 369.4   |
| 85°    | 299.1   | 294.8   | 297.0   | 296.8   | 292.0   | 286.7   | 279.6   | 274.6   | 268.7   | 265.3   | 260.7   |
| 87.5°  | 164.0   | 165.0   | 163.8   | 162.8   | 159.3   | 156.7   | 151.2   | 148.3   | 144.0   | 141.8   | 138.4   |
| 90°    | 67.1    | 65.8    | 60.5    | 59.3    | 54.2    | 51.5    | 45.8    | 43.7    | 38.4    | 37.3    | 33.7    |
| 92.5°  | 52.6    | 49.8    | 47.1    | 44.0    | 41.4    | 38.5    | 35.6    | 32.8    | 29.9    | 28.8    | 27.9    |
| 95°    | 66.2    | 62.1    | 58.0    | 53.8    | 49.6    | 45.4    | 41.4    | 37.2    | 33.1    | 32.2    | 31.4    |
| 97.5°  | 74.7    | 69.7    | 64.8    | 60.0    | 55.1    | 50.2    | 45.4    | 40.5    | 35.6    | 35.0    | 34.6    |
| 100°   | 131.2   | 119.9   | 108.7   | 97.3    | 86.1    | 74.7    | 63.6    | 52.3    | 41.0    | 40.4    | 39.7    |
| 102.5° | 297.1   | 269.9   | 242.5   | 215.2   | 188.0   | 160.6   | 133.2   | 105.8   | 78.5    | 74.6    | 70.6    |
| 105°   | 526.8   | 485.4   | 444.2   | 402.8   | 361.4   | 320.0   | 278.7   | 237.2   | 195.8   | 182.6   | 169.2   |
| 107.5° | 692.6   | 653.6   | 614.9   | 576.1   | 537.1   | 498.3   | 459.4   | 420.4   | 381.4   | 358.0   | 334.7   |
| 110°   | 768.0   | 737.1   | 706.5   | 675.6   | 644.8   | 614.0   | 583.2   | 552.3   | 521.5   | 501.3   | 481.3   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 759.5  | 737.0 | 714.6  | 691.9 | 669.6  | 646.9 | 624.3  | 601.7 | 579.1  | 567.0 | 554.8  |
| 115°   | 687.7  | 674.2 | 660.8  | 647.4 | 633.9  | 620.4 | 606.9  | 593.2 | 579.6  | 573.3 | 567.0  |
| 117.5° | 602.5  | 595.7 | 589.0  | 582.1 | 575.3  | 568.4 | 561.7  | 554.7 | 547.9  | 545.8 | 543.7  |
| 120°   | 515.7  | 513.8 | 511.7  | 509.9 | 508.0  | 506.0 | 503.9  | 502.0 | 499.9  | 500.4 | 500.9  |
| 122.5° | 443.5  | 444.6 | 445.8  | 446.6 | 447.8  | 448.7 | 449.8  | 450.6 | 451.6  | 453.6 | 455.5  |
| 125°   | 393.2  | 395.5 | 397.8  | 400.1 | 402.3  | 404.5 | 406.8  | 408.9 | 411.2  | 413.1 | 415.2  |
| 127.5° | 357.5  | 360.1 | 362.7  | 365.2 | 367.8  | 370.3 | 372.8  | 375.2 | 377.8  | 379.6 | 381.5  |
| 130°   | 333.3  | 335.4 | 337.9  | 340.0 | 342.3  | 344.5 | 346.8  | 349.0 | 351.3  | 352.8 | 354.4  |
| 132.5° | 316.1  | 318.2 | 320.4  | 322.2 | 324.4  | 326.3 | 328.5  | 330.5 | 332.6  | 333.8 | 335.2  |
| 135°   | 305.7  | 307.2 | 308.8  | 310.3 | 312.2  | 313.7 | 315.4  | 317.0 | 318.8  | 319.7 | 320.7  |
| 137.5° | 296.6  | 297.8 | 299.2  | 300.5 | 302.0  | 303.3 | 304.7  | 306.1 | 307.8  | 308.4 | 309.2  |
| 140°   | 288.5  | 289.9 | 291.3  | 292.7 | 294.2  | 295.5 | 297.2  | 298.7 | 300.4  | 301.0 | 301.8  |
| 142.5° | 283.1  | 284.0 | 285.2  | 286.4 | 287.5  | 288.6 | 290.0  | 291.3 | 292.7  | 293.4 | 294.1  |
| 145°   | 276.8  | 278.0 | 279.3  | 280.5 | 281.8  | 283.2 | 284.8  | 286.3 | 287.9  | 288.3 | 288.9  |
| 147.5° | 272.9  | 273.9 | 275.1  | 276.1 | 277.3  | 278.4 | 279.9  | 281.2 | 282.7  | 283.2 | 283.6  |
| 150°   | 268.1  | 269.1 | 270.2  | 271.3 | 272.6  | 273.9 | 275.3  | 276.7 | 278.4  | 279.0 | 279.6  |
| 152.5° | 263.8  | 264.9 | 266.1  | 267.4 | 268.7  | 270.1 | 271.6  | 273.1 | 274.7  | 275.2 | 276.0  |
| 155°   | 260.4  | 261.4 | 262.7  | 264.1 | 265.5  | 266.7 | 268.2  | 269.6 | 271.1  | 271.8 | 272.4  |
| 157.5° | 259.0  | 259.9 | 261.2  | 262.4 | 263.5  | 264.7 | 266.1  | 267.3 | 268.7  | 269.3 | 269.9  |
| 160°   | 258.6  | 259.6 | 260.6  | 261.7 | 262.7  | 263.9 | 265.0  | 266.1 | 267.3  | 267.9 | 268.5  |
| 162.5° | 258.6  | 259.7 | 260.7  | 261.5 | 262.7  | 263.9 | 265.0  | 266.0 | 267.2  | 267.7 | 268.2  |
| 165°   | 259.7  | 260.4 | 261.2  | 261.9 | 262.8  | 263.5 | 264.5  | 265.3 | 266.3  | 266.7 | 267.2  |
| 167.5° | 262.8  | 263.4 | 264.0  | 264.6 | 265.4  | 266.0 | 266.8  | 267.4 | 268.2  | 268.6 | 269.0  |
| 170°   | 264.4  | 265.0 | 265.5  | 266.1 | 266.7  | 267.3 | 267.9  | 268.5 | 269.2  | 269.6 | 270.1  |
| 172.5° | 266.7  | 267.0 | 267.4  | 267.7 | 268.2  | 268.5 | 268.9  | 269.4 | 269.8  | 270.2 | 270.6  |
| 175°   | 269.3  | 269.4 | 269.6  | 269.7 | 270.0  | 270.1 | 270.4  | 270.6 | 270.8  | 271.1 | 271.5  |
| 177.5° | 271.8  | 271.9 | 272.1  | 272.2 | 272.5  | 272.6 | 272.9  | 273.0 | 273.1  | 273.4 | 273.9  |
| 180°   | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 167.5°  | 170°    | 172.5°  | 175°    | 177.5°  | 180°    | 182.5°  | 185°    | 187.5°  | 190°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24534.3 | 24534.1 | 24533.2 | 24532.1 | 24531.0 | 24531.7 | 24532.8 | 24535.6 | 24540.6 | 24547.7 | 24556.9 |
| 5°     | 24448.2 | 24453.3 | 24456.1 | 24456.4 | 24453.8 | 24452.3 | 24454.7 | 24461.4 | 24475.0 | 24497.8 | 24528.7 |
| 7.5°   | 24357.9 | 24364.1 | 24373.5 | 24380.7 | 24382.1 | 24380.3 | 24380.7 | 24391.2 | 24416.3 | 24460.7 | 24523.1 |
| 10°    | 24261.4 | 24243.1 | 24252.8 | 24270.5 | 24284.6 | 24287.1 | 24288.9 | 24301.3 | 24338.0 | 24405.1 | 24505.2 |
| 12.5°  | 24172.4 | 24114.4 | 24103.2 | 24119.1 | 24140.5 | 24147.3 | 24145.5 | 24150.8 | 24193.8 | 24282.6 | 24422.2 |
| 15°    | 24055.2 | 23946.0 | 23908.7 | 23912.9 | 23939.2 | 23948.7 | 23941.8 | 23931.2 | 23973.1 | 24081.6 | 24262.1 |
| 17.5°  | 23865.7 | 23689.6 | 23621.0 | 23618.0 | 23648.8 | 23657.1 | 23640.1 | 23607.2 | 23648.4 | 23783.9 | 24008.0 |
| 20°    | 23577.5 | 23317.6 | 23188.4 | 23167.9 | 23201.3 | 23191.6 | 23157.8 | 23108.1 | 23162.3 | 23326.9 | 23593.4 |
| 22.5°  | 23059.4 | 22730.1 | 22509.4 | 22438.2 | 22478.3 | 22451.5 | 22402.1 | 22338.8 | 22410.8 | 22597.8 | 22894.7 |
| 25°    | 22212.8 | 21832.2 | 21530.2 | 21360.6 | 21392.6 | 21344.7 | 21290.9 | 21214.1 | 21299.9 | 21514.6 | 21841.4 |
| 27.5°  | 20968.4 | 20528.9 | 20154.4 | 19873.9 | 19884.2 | 19821.4 | 19759.5 | 19660.1 | 19767.3 | 20021.3 | 20389.9 |
| 30°    | 19313.7 | 18805.1 | 18349.1 | 17967.8 | 17933.7 | 17872.8 | 17809.4 | 17679.0 | 17813.0 | 18117.2 | 18547.9 |
| 32.5°  | 17235.6 | 16670.9 | 16144.1 | 15662.0 | 15571.0 | 15511.6 | 15455.1 | 15305.0 | 15480.5 | 15835.2 | 16330.0 |
| 35°    | 14805.4 | 14203.9 | 13632.7 | 13082.0 | 12931.4 | 12872.0 | 12822.6 | 12678.7 | 12897.8 | 13283.7 | 13818.1 |
| 37.5°  | 12138.0 | 11523.5 | 10956.4 | 10391.7 | 10178.7 | 10098.2 | 10062.3 | 9968.1  | 10220.9 | 10602.6 | 11139.2 |
| 40°    | 9399.5  | 8828.1  | 8319.8  | 7821.0  | 7578.3  | 7455.0  | 7436.2  | 7419.0  | 7663.4  | 7994.6  | 8481.6  |
| 42.5°  | 6837.8  | 6376.8  | 5984.8  | 5603.6  | 5383.5  | 5215.2  | 5215.1  | 5266.3  | 5486.3  | 5734.3  | 6110.0  |
| 45°    | 4729.9  | 4420.5  | 4170.8  | 3916.0  | 3984.1  | 3648.6  | 3845.8  | 3744.5  | 3853.2  | 4013.2  | 4257.4  |
| 47.5°  | 3251.3  | 3082.5  | 2945.3  | 2802.9  | 2699.2  | 2600.1  | 2608.8  | 2672.7  | 2775.1  | 2870.0  | 2997.1  |
| 50°    | 2369.7  | 2283.7  | 2213.8  | 2139.9  | 2088.3  | 2044.6  | 2047.1  | 2074.7  | 2128.6  | 2178.6  | 2245.1  |
| 52.5°  | 1856.8  | 1809.3  | 1771.4  | 1730.6  | 1703.4  | 1681.8  | 1682.9  | 1696.3  | 1725.4  | 1754.0  | 1792.1  |
| 55°    | 1530.5  | 1524.8  | 1475.4  | 1438.7  | 1424.7  | 1410.1  | 1412.7  | 1418.1  | 1437.8  | 1454.6  | 1479.8  |
| 57.5°  | 1282.5  | 1260.3  | 1245.5  | 1226.2  | 1217.3  | 1207.1  | 1209.5  | 1211.4  | 1224.7  | 1235.9  | 1254.1  |
| 60°    | 1107.5  | 1091.7  | 1081.2  | 1068.1  | 1062.3  | 1055.8  | 1057.3  | 1058.5  | 1066.9  | 1074.2  | 1087.2  |
| 62.5°  | 991.1   | 977.1   | 968.0   | 957.8   | 953.8   | 949.4   | 950.4   | 950.7   | 956.0   | 961.3   | 971.3   |
| 65°    | 901.9   | 890.8   | 883.2   | 874.4   | 870.1   | 865.6   | 866.1   | 866.1   | 870.5   | 874.4   | 881.8   |
| 67.5°  | 807.5   | 799.2   | 794.2   | 787.3   | 784.4   | 779.7   | 779.6   | 778.2   | 781.1   | 782.6   | 787.7   |
| 70°    | 731.9   | 723.3   | 717.1   | 710.4   | 706.7   | 702.6   | 702.7   | 702.8   | 706.2   | 709.7   | 716.2   |
| 72.5°  | 685.0   | 677.0   | 671.3   | 665.5   | 662.1   | 658.6   | 657.9   | 657.6   | 660.0   | 662.0   | 666.3   |
| 75°    | 623.1   | 616.6   | 613.4   | 607.8   | 605.1   | 601.2   | 600.5   | 598.7   | 600.0   | 600.3   | 603.5   |
| 77.5°  | 548.0   | 541.8   | 539.2   | 533.6   | 531.3   | 526.9   | 526.5   | 524.5   | 525.4   | 524.7   | 527.2   |
| 80°    | 462.3   | 456.7   | 455.2   | 450.7   | 449.6   | 445.5   | 444.8   | 442.4   | 443.1   | 441.2   | 442.1   |
| 82.5°  | 366.6   | 361.6   | 360.4   | 356.2   | 356.2   | 352.5   | 352.3   | 348.5   | 348.5   | 345.4   | 340.3   |
| 85°    | 258.3   | 254.5   | 253.0   | 249.5   | 248.5   | 245.5   | 243.9   | 240.4   | 239.1   | 236.8   | 236.1   |
| 87.5°  | 136.3   | 133.9   | 131.8   | 130.2   | 127.2   | 121.8   | 121.3   | 117.6   | 117.8   | 115.2   | 115.4   |
| 90°    | 33.0    | 29.8    | 29.1    | 26.2    | 25.4    | 23.2    | 22.6    | 22.7    | 23.2    | 23.4    | 24.2    |
| 92.5°  | 27.0    | 26.0    | 25.0    | 24.1    | 23.1    | 22.1    | 21.2    | 22.1    | 23.1    | 24.1    | 25.0    |
| 95°    | 30.5    | 29.7    | 28.8    | 27.9    | 27.1    | 26.2    | 25.4    | 26.2    | 27.1    | 28.0    | 28.9    |
| 97.5°  | 34.0    | 33.4    | 33.0    | 32.4    | 31.8    | 31.4    | 30.8    | 31.5    | 31.9    | 32.5    | 33.1    |
| 100°   | 39.2    | 38.5    | 37.8    | 37.2    | 36.6    | 36.0    | 35.3    | 36.2    | 36.8    | 37.4    | 38.0    |
| 102.5° | 66.7    | 62.8    | 58.8    | 54.9    | 50.9    | 46.9    | 43.0    | 46.9    | 50.9    | 55.0    | 58.9    |
| 105°   | 155.9   | 142.7   | 129.3   | 116.0   | 102.7   | 89.3    | 76.0    | 89.4    | 102.8   | 116.1   | 129.5   |
| 107.5° | 311.2   | 287.9   | 264.4   | 241.1   | 217.5   | 194.2   | 170.7   | 194.3   | 217.7   | 241.2   | 264.6   |
| 110°   | 461.0   | 440.8   | 420.7   | 400.4   | 380.2   | 360.0   | 339.7   | 360.1   | 380.4   | 400.6   | 421.0   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 167.5° | 170°  | 172.5° | 175°  | 177.5° | 180°  | 182.5° | 185°  | 187.5° | 190°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 542.5 | 530.4  | 518.0 | 505.8  | 493.5 | 481.3  | 468.9 | 481.5  | 493.8 | 506.3  | 518.6 |
| 115°   | 560.5 | 554.1  | 547.8 | 541.3  | 534.8 | 528.4  | 521.7 | 528.7  | 535.2 | 541.9  | 548.5 |
| 117.5° | 541.4 | 539.4  | 537.1 | 535.0  | 532.6 | 530.5  | 528.1 | 530.6  | 533.1 | 535.8  | 538.0 |
| 120°   | 501.1 | 501.7  | 502.0 | 502.3  | 502.6 | 502.9  | 503.1 | 503.3  | 503.3 | 503.3  | 503.2 |
| 122.5° | 457.3 | 459.2  | 461.0 | 462.8  | 464.5 | 466.3  | 467.9 | 466.7  | 465.3 | 464.0  | 462.5 |
| 125°   | 417.0 | 419.2  | 421.0 | 422.9  | 424.7 | 426.7  | 428.2 | 427.1  | 425.7 | 424.3  | 422.7 |
| 127.5° | 383.3 | 385.2  | 386.9 | 388.8  | 390.3 | 391.9  | 393.3 | 392.5  | 391.3 | 390.1  | 388.7 |
| 130°   | 355.8 | 357.4  | 358.7 | 360.1  | 361.3 | 362.5  | 363.5 | 363.1  | 362.3 | 361.8  | 360.7 |
| 132.5° | 336.4 | 337.6  | 338.8 | 339.9  | 340.9 | 341.9  | 342.6 | 342.5  | 342.1 | 341.7  | 341.1 |
| 135°   | 321.7 | 322.6  | 323.5 | 324.6  | 325.1 | 325.8  | 326.2 | 326.4  | 326.3 | 326.3  | 325.9 |
| 137.5° | 309.8 | 310.6  | 311.2 | 311.6  | 312.0 | 312.4  | 312.6 | 313.0  | 313.2 | 313.7  | 313.6 |
| 140°   | 302.4 | 303.2  | 303.8 | 304.3  | 304.8 | 305.3  | 305.4 | 305.9  | 306.1 | 306.4  | 306.3 |
| 142.5° | 294.8 | 295.5  | 296.1 | 296.7  | 297.0 | 297.5  | 297.7 | 298.2  | 298.3 | 298.6  | 298.6 |
| 145°   | 289.5 | 290.0  | 290.5 | 290.9  | 291.2 | 291.4  | 291.4 | 292.1  | 292.4 | 292.7  | 293.0 |
| 147.5° | 284.2 | 284.8  | 285.0 | 285.4  | 285.7 | 285.9  | 286.0 | 286.4  | 286.9 | 287.2  | 287.5 |
| 150°   | 280.3 | 280.9  | 281.5 | 281.9  | 282.3 | 282.7  | 282.8 | 283.3  | 283.4 | 283.7  | 283.7 |
| 152.5° | 276.5 | 277.1  | 277.5 | 278.0  | 278.4 | 278.7  | 278.9 | 279.2  | 279.6 | 279.9  | 280.0 |
| 155°   | 273.0 | 273.6  | 274.2 | 274.7  | 275.1 | 275.6  | 275.9 | 276.2  | 276.5 | 276.7  | 276.9 |
| 157.5° | 270.3 | 271.0  | 271.5 | 272.0  | 272.4 | 273.0  | 273.3 | 273.7  | 274.0 | 274.4  | 274.5 |
| 160°   | 268.8 | 269.5  | 269.9 | 270.4  | 270.9 | 271.4  | 271.7 | 272.1  | 272.5 | 272.8  | 273.1 |
| 162.5° | 268.6 | 269.2  | 269.5 | 270.1  | 270.5 | 271.0  | 271.4 | 271.7  | 272.1 | 272.5  | 272.8 |
| 165°   | 267.8 | 268.4  | 268.9 | 269.5  | 270.1 | 270.6  | 271.0 | 271.3  | 271.5 | 271.7  | 271.9 |
| 167.5° | 269.5 | 270.1  | 270.5 | 271.1  | 271.5 | 272.0  | 272.5 | 272.8  | 272.9 | 273.1  | 273.2 |
| 170°   | 270.3 | 270.8  | 271.4 | 271.7  | 272.2 | 272.7  | 273.0 | 273.1  | 273.3 | 273.5  | 273.7 |
| 172.5° | 271.1 | 271.6  | 272.0 | 272.6  | 273.1 | 273.4  | 273.8 | 274.0  | 274.0 | 273.9  | 273.8 |
| 175°   | 271.7 | 272.2  | 272.6 | 273.0  | 273.2 | 273.7  | 274.1 | 274.0  | 274.0 | 273.9  | 273.9 |
| 177.5° | 274.3 | 274.7  | 275.2 | 275.5  | 275.9 | 276.2  | 276.6 | 276.3  | 276.0 | 275.9  | 275.6 |
| 180°   | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 192.5°  | 195°    | 197.5°  | 200°    | 202.5°  | 205°    | 207.5°  | 210°    | 212.5°  | 215°    | 217.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24570.1 | 24582.4 | 24601.2 | 24618.2 | 24643.9 | 24664.1 | 24694.5 | 24717.6 | 24751.9 | 24774.2 | 24811.5 |
| 5°     | 24572.3 | 24620.4 | 24683.6 | 24745.2 | 24819.4 | 24886.8 | 24970.4 | 25041.7 | 25125.8 | 25194.4 | 25280.4 |
| 7.5°   | 24607.1 | 24699.7 | 24810.8 | 24922.8 | 25049.4 | 25167.9 | 25301.3 | 25422.1 | 25554.1 | 25665.8 | 25787.9 |
| 10°    | 24632.6 | 24775.7 | 24939.4 | 25104.2 | 25277.6 | 25438.7 | 25601.4 | 25742.0 | 25873.3 | 25981.4 | 26076.9 |
| 12.5°  | 24597.9 | 24794.9 | 25005.0 | 25207.9 | 25400.7 | 25567.5 | 25707.4 | 25815.6 | 25890.2 | 25940.8 | 25952.6 |
| 15°    | 24479.8 | 24716.7 | 24945.2 | 25147.3 | 25307.3 | 25430.7 | 25494.6 | 25524.6 | 25492.4 | 25439.1 | 25322.0 |
| 17.5°  | 24259.1 | 24509.1 | 24713.3 | 24872.7 | 24957.3 | 24990.7 | 24937.8 | 24845.8 | 24665.9 | 24466.2 | 24177.8 |
| 20°    | 23854.5 | 24087.4 | 24235.6 | 24322.5 | 24299.8 | 24216.2 | 24016.4 | 23773.6 | 23414.3 | 23031.6 | 22526.4 |
| 22.5°  | 23144.8 | 23348.4 | 23427.4 | 23433.8 | 23295.8 | 23086.3 | 22726.0 | 22309.4 | 21742.8 | 21153.7 | 20429.2 |
| 25°    | 22079.5 | 22257.9 | 22270.3 | 22200.3 | 21947.7 | 21608.2 | 21079.0 | 20489.9 | 19719.9 | 18934.9 | 18027.1 |
| 27.5°  | 20634.8 | 20805.8 | 20763.9 | 20633.3 | 20282.6 | 19828.3 | 19150.8 | 18389.7 | 17440.4 | 16513.2 | 15509.0 |
| 30°    | 18818.7 | 19001.6 | 18952.4 | 18784.8 | 18367.6 | 17830.7 | 17033.6 | 16149.1 | 15095.3 | 14105.1 | 13087.4 |
| 32.5°  | 16645.3 | 16876.6 | 16842.6 | 16683.3 | 16248.0 | 15673.4 | 14808.4 | 13870.4 | 12792.2 | 11816.4 | 10826.5 |
| 35°    | 14174.9 | 14455.8 | 14470.3 | 14366.1 | 13962.0 | 13394.1 | 12540.0 | 11632.1 | 10599.3 | 9678.6  | 8764.1  |
| 37.5°  | 11513.5 | 11839.1 | 11905.9 | 11877.7 | 11542.9 | 11041.5 | 10263.4 | 9448.9  | 8534.0  | 7727.0  | 6944.9  |
| 40°    | 8837.3  | 9166.8  | 9281.1  | 9315.0  | 9067.9  | 8679.6  | 8040.9  | 7383.5  | 6637.6  | 5983.8  | 5362.8  |
| 42.5°  | 6396.7  | 6688.9  | 6799.3  | 6868.8  | 6714.5  | 6455.6  | 5989.7  | 5512.3  | 4965.9  | 4494.2  | 4042.1  |
| 45°    | 4442.6  | 4649.3  | 4733.3  | 4803.3  | 4719.2  | 4573.2  | 4279.0  | 3980.4  | 3619.6  | 3311.5  | 3019.8  |
| 47.5°  | 3106.1  | 3220.0  | 3275.5  | 3309.5  | 3276.9  | 3200.7  | 3040.7  | 2867.6  | 2664.0  | 2484.0  | 2310.8  |
| 50°    | 2302.2  | 2362.9  | 2392.0  | 2411.6  | 2387.9  | 2345.5  | 2258.9  | 2164.7  | 2052.9  | 1950.9  | 1851.1  |
| 52.5°  | 1824.5  | 1859.3  | 1876.5  | 1887.1  | 1873.5  | 1847.6  | 1797.2  | 1741.3  | 1674.3  | 1611.2  | 1578.1  |
| 55°    | 1537.0  | 1535.3  | 1575.1  | 1555.9  | 1575.1  | 1532.1  | 1523.1  | 1461.7  | 1406.0  | 1366.8  | 1324.4  |
| 57.5°  | 1267.6  | 1285.6  | 1293.3  | 1301.8  | 1296.3  | 1288.4  | 1267.0  | 1245.0  | 1215.7  | 1191.1  | 1164.9  |
| 60°    | 1097.3  | 1112.1  | 1120.5  | 1129.0  | 1128.5  | 1125.5  | 1113.1  | 1100.0  | 1081.6  | 1066.9  | 1051.1  |
| 62.5°  | 979.9   | 992.7   | 1001.1  | 1009.2  | 1010.0  | 1008.7  | 999.4   | 990.2   | 977.7   | 968.5   | 957.6   |
| 65°    | 887.5   | 896.6   | 902.2   | 908.7   | 908.4   | 906.6   | 898.1   | 890.6   | 880.3   | 873.9   | 865.9   |
| 67.5°  | 791.0   | 797.8   | 802.2   | 808.3   | 809.5   | 809.9   | 805.2   | 801.6   | 796.6   | 794.8   | 792.1   |
| 70°    | 722.3   | 730.5   | 737.6   | 745.3   | 749.6   | 751.5   | 749.6   | 747.7   | 744.8   | 743.6   | 741.4   |
| 72.5°  | 670.3   | 677.3   | 682.8   | 689.8   | 693.7   | 696.5   | 694.9   | 694.0   | 691.5   | 691.1   | 689.6   |
| 75°    | 605.7   | 610.5   | 613.6   | 618.9   | 621.0   | 623.7   | 622.4   | 623.1   | 622.3   | 624.3   | 624.2   |
| 77.5°  | 528.0   | 531.6   | 533.1   | 536.9   | 537.3   | 540.5   | 541.1   | 544.9   | 547.6   | 553.4   | 556.5   |
| 80°    | 440.6   | 442.9   | 442.9   | 446.8   | 448.6   | 453.9   | 456.6   | 462.6   | 465.5   | 470.7   | 471.1   |
| 82.5°  | 342.3   | 339.7   | 342.3   | 340.7   | 345.6   | 351.7   | 352.5   | 357.7   | 358.9   | 362.2   | 359.6   |
| 85°    | 234.0   | 233.8   | 231.7   | 232.1   | 230.5   | 231.3   | 230.3   | 231.4   | 230.4   | 230.5   | 228.2   |
| 87.5°  | 112.1   | 113.2   | 110.6   | 111.5   | 109.1   | 110.3   | 108.1   | 109.8   | 107.3   | 107.6   | 104.0   |
| 90°    | 24.5    | 25.1    | 25.5    | 26.1    | 27.1    | 28.7    | 30.5    | 32.2    | 34.4    | 36.0    | 37.9    |
| 92.5°  | 26.0    | 27.1    | 28.0    | 29.0    | 30.0    | 32.9    | 35.7    | 38.6    | 41.6    | 44.3    | 47.2    |
| 95°    | 29.8    | 30.6    | 31.5    | 32.5    | 33.3    | 37.5    | 41.7    | 45.8    | 50.0    | 54.1    | 58.4    |
| 97.5°  | 33.7    | 34.3    | 34.8    | 35.3    | 36.0    | 40.8    | 45.8    | 50.7    | 55.5    | 60.5    | 65.3    |
| 100°   | 38.8    | 39.4    | 40.0    | 40.7    | 41.4    | 52.7    | 64.1    | 75.3    | 86.6    | 97.9    | 109.2   |
| 102.5° | 62.9    | 66.9    | 70.9    | 75.0    | 79.0    | 106.4   | 133.8   | 161.2   | 188.5   | 215.8   | 243.2   |
| 105°   | 142.8   | 156.1   | 169.6   | 183.0   | 196.3   | 237.8   | 279.3   | 320.8   | 362.1   | 403.5   | 445.0   |
| 107.5° | 288.2   | 311.6   | 335.2   | 358.7   | 382.2   | 421.2   | 460.2   | 499.1   | 538.1   | 577.1   | 615.9   |
| 110°   | 441.4   | 461.5   | 481.9   | 502.3   | 522.5   | 553.3   | 584.4   | 615.2   | 646.1   | 677.1   | 707.9   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 531.1  | 543.4 | 555.7  | 567.9 | 580.3  | 603.0 | 625.7  | 648.4 | 671.2  | 693.5 | 716.2  |
| 115°   | 555.1  | 561.5 | 568.1  | 574.5 | 581.1  | 594.8 | 608.4  | 622.1 | 635.7  | 649.3 | 663.0  |
| 117.5° | 540.4  | 542.7 | 545.2  | 547.2 | 549.6  | 556.5 | 563.6  | 570.5 | 577.6  | 584.5 | 591.4  |
| 120°   | 503.1  | 502.8 | 502.6  | 502.3 | 502.1  | 504.1 | 506.4  | 508.4 | 510.6  | 512.6 | 514.5  |
| 122.5° | 461.0  | 459.2 | 457.7  | 455.9 | 454.2  | 453.2 | 452.5  | 451.5 | 450.8  | 449.8 | 449.0  |
| 125°   | 421.2  | 419.5 | 417.8  | 415.9 | 414.0  | 412.0 | 409.9  | 407.8 | 405.7  | 403.5 | 401.4  |
| 127.5° | 387.5  | 385.8 | 384.5  | 382.7 | 381.1  | 378.7 | 376.3  | 373.8 | 371.6  | 369.1 | 366.6  |
| 130°   | 359.9  | 358.7 | 357.6  | 356.1 | 355.1  | 352.8 | 350.8  | 348.5 | 346.4  | 344.2 | 342.2  |
| 132.5° | 340.4  | 339.6 | 338.7  | 337.6 | 336.7  | 334.6 | 333.0  | 330.8 | 328.9  | 326.9 | 325.0  |
| 135°   | 325.5  | 324.9 | 324.6  | 323.8 | 323.2  | 321.5 | 320.1  | 318.5 | 317.1  | 315.5 | 314.0  |
| 137.5° | 313.6  | 313.2 | 313.0  | 312.7 | 312.4  | 311.0 | 309.8  | 308.5 | 307.2  | 305.8 | 304.7  |
| 140°   | 306.3  | 306.0 | 305.9  | 305.6 | 305.2  | 303.8 | 302.6  | 301.2 | 299.8  | 298.4 | 297.1  |
| 142.5° | 298.5  | 298.3 | 298.2  | 297.9 | 297.6  | 296.4 | 295.5  | 294.5 | 293.4  | 292.3 | 291.3  |
| 145°   | 293.0  | 293.0 | 293.0  | 292.8 | 292.8  | 291.5 | 290.4  | 289.1 | 288.1  | 286.8 | 285.7  |
| 147.5° | 287.7  | 287.7 | 287.8  | 287.8 | 287.9  | 286.7 | 285.9  | 284.8 | 283.9  | 283.0 | 282.1  |
| 150°   | 283.8  | 283.8 | 283.9  | 283.7 | 283.6  | 282.6 | 281.8  | 280.7 | 279.9  | 278.8 | 277.9  |
| 152.5° | 280.2  | 280.3 | 280.4  | 280.4 | 280.5  | 279.5 | 278.6  | 277.5 | 276.6  | 275.5 | 274.5  |
| 155°   | 277.1  | 277.2 | 277.3  | 277.3 | 277.3  | 276.4 | 275.6  | 274.6 | 273.8  | 272.8 | 271.9  |
| 157.5° | 274.7  | 274.9 | 275.1  | 275.2 | 275.3  | 274.5 | 273.8  | 273.1 | 272.3  | 271.5 | 270.7  |
| 160°   | 273.3  | 273.6 | 273.8  | 273.9 | 274.1  | 273.4 | 273.0  | 272.2 | 271.7  | 270.9 | 270.1  |
| 162.5° | 273.1  | 273.3 | 273.5  | 273.6 | 273.8  | 273.1 | 272.7  | 272.1 | 271.5  | 270.6 | 270.0  |
| 165°   | 272.1  | 272.1 | 272.3  | 272.3 | 272.4  | 271.9 | 271.6  | 271.2 | 270.8  | 270.2 | 269.9  |
| 167.5° | 273.3  | 273.3 | 273.5  | 273.5 | 273.6  | 273.3 | 273.2  | 272.9 | 272.5  | 272.2 | 271.8  |
| 170°   | 273.7  | 273.8 | 273.8  | 273.8 | 273.9  | 273.6 | 273.3  | 273.1 | 272.9  | 272.4 | 272.0  |
| 172.5° | 273.9  | 273.8 | 273.7  | 273.7 | 273.6  | 273.4 | 273.2  | 273.1 | 273.0  | 272.7 | 272.5  |
| 175°   | 273.7  | 273.6 | 273.6  | 273.4 | 273.3  | 273.3 | 273.2  | 273.2 | 273.1  | 273.0 | 272.9  |
| 177.5° | 275.4  | 275.2 | 274.9  | 274.6 | 274.5  | 274.4 | 274.4  | 274.2 | 274.3  | 274.2 | 274.1  |
| 180°   | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 222.5°  | 225°    | 227.5°  | 230°    | 232.5°  | 235°    | 237.5°  | 240°    | 242.5°  | 245°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24834.6 | 24681.2 | 24660.9 | 24671.7 | 24697.4 | 24706.8 | 24734.5 | 24742.0 | 24769.9 | 24776.7 | 24803.5 |
| 5°     | 25347.0 | 25144.3 | 25154.4 | 25203.1 | 25276.9 | 25320.9 | 25393.4 | 25431.4 | 25500.6 | 25532.1 | 25594.7 |
| 7.5°   | 25887.4 | 25728.1 | 25777.8 | 25860.0 | 25960.9 | 26030.8 | 26117.9 | 26174.6 | 26249.8 | 26296.3 | 26356.5 |
| 10°    | 26152.6 | 26109.1 | 26163.7 | 26228.4 | 26285.9 | 26331.0 | 26368.0 | 26397.5 | 26416.9 | 26435.0 | 26442.9 |
| 12.5°  | 25950.8 | 26018.3 | 26027.6 | 26021.3 | 25983.2 | 25954.0 | 25888.7 | 25844.2 | 25765.3 | 25717.2 | 25623.3 |
| 15°    | 25202.3 | 25350.7 | 25268.6 | 25144.1 | 24962.0 | 24810.2 | 24595.8 | 24436.2 | 24212.9 | 24061.5 | 23837.5 |
| 17.5°  | 23888.8 | 24076.1 | 23862.0 | 23574.1 | 23207.7 | 22894.4 | 22504.1 | 22194.5 | 21806.5 | 21524.3 | 21162.2 |
| 20°    | 22039.6 | 22214.7 | 21832.7 | 21355.4 | 20788.8 | 20311.9 | 19749.6 | 19300.9 | 18778.4 | 18389.7 | 17920.6 |
| 22.5°  | 19737.3 | 19862.0 | 19323.8 | 18680.3 | 17958.5 | 17362.7 | 16690.4 | 16152.5 | 15556.1 | 15111.7 | 14611.5 |
| 25°    | 17190.1 | 17223.8 | 16578.2 | 15836.9 | 15032.3 | 14362.8 | 13645.0 | 13079.5 | 12471.2 | 12020.9 | 11529.9 |
| 27.5°  | 14619.2 | 14569.9 | 13872.2 | 13086.1 | 12239.8 | 11543.9 | 10843.8 | 10313.8 | 9781.1  | 9375.4  | 8952.5  |
| 30°    | 12192.7 | 12073.2 | 11348.8 | 10540.8 | 9719.3  | 9095.5  | 8514.3  | 8088.8  | 7665.0  | 7343.1  | 7003.7  |
| 32.5°  | 9967.5  | 9798.9  | 9093.8  | 8336.8  | 7644.6  | 7163.2  | 6732.2  | 6410.2  | 6068.0  | 5796.2  | 5511.2  |
| 35°    | 7996.6  | 7816.9  | 7192.2  | 6550.5  | 6026.6  | 5671.8  | 5333.1  | 5068.8  | 4778.2  | 4548.9  | 4301.5  |
| 37.5°  | 6305.1  | 6157.8  | 5634.6  | 5129.6  | 4733.3  | 4458.4  | 4180.8  | 3964.9  | 3724.7  | 3623.8  | 3359.4  |
| 40°    | 4867.5  | 4764.6  | 4355.4  | 3983.2  | 3685.6  | 3556.4  | 3274.7  | 3073.0  | 2893.6  | 2745.6  | 2602.3  |
| 42.5°  | 3796.8  | 3760.3  | 3362.1  | 3071.8  | 2862.2  | 2699.5  | 2542.5  | 2415.0  | 2291.0  | 2189.0  | 2092.6  |
| 45°    | 2786.2  | 2757.4  | 2580.6  | 2413.1  | 2270.3  | 2156.5  | 2050.4  | 1962.7  | 1881.7  | 1814.4  | 1753.2  |
| 47.5°  | 2169.6  | 2160.4  | 2058.6  | 1954.7  | 1864.7  | 1791.6  | 1722.8  | 1664.6  | 1610.8  | 1565.9  | 1551.3  |
| 50°    | 1764.7  | 1763.4  | 1703.7  | 1639.6  | 1575.5  | 1533.3  | 1489.4  | 1454.9  | 1420.3  | 1393.4  | 1365.0  |
| 52.5°  | 1499.4  | 1492.9  | 1452.6  | 1412.9  | 1374.9  | 1347.2  | 1319.1  | 1297.2  | 1274.2  | 1257.6  | 1239.9  |
| 55°    | 1290.8  | 1297.6  | 1274.3  | 1250.7  | 1226.9  | 1209.7  | 1189.9  | 1175.4  | 1159.7  | 1149.2  | 1138.6  |
| 57.5°  | 1146.0  | 1155.0  | 1142.8  | 1129.3  | 1114.9  | 1103.5  | 1090.0  | 1079.9  | 1069.4  | 1062.7  | 1056.5  |
| 60°    | 1040.6  | 1050.4  | 1045.5  | 1038.7  | 1029.8  | 1023.1  | 1014.4  | 1008.8  | 1002.1  | 998.3   | 994.9   |
| 62.5°  | 951.1   | 963.5   | 961.7   | 958.5   | 952.8   | 949.1   | 944.3   | 941.9   | 937.4   | 935.8   | 934.1   |
| 65°    | 862.0   | 875.8   | 875.5   | 873.9   | 870.8   | 869.7   | 866.7   | 866.3   | 863.9   | 864.9   | 864.7   |
| 67.5°  | 791.8   | 803.8   | 806.5   | 808.4   | 808.3   | 809.0   | 808.8   | 810.0   | 810.0   | 811.7   | 812.8   |
| 70°    | 741.1   | 749.6   | 751.5   | 753.6   | 754.1   | 755.7   | 755.7   | 756.8   | 756.5   | 758.0   | 758.1   |
| 72.5°  | 690.0   | 701.0   | 703.0   | 704.7   | 704.7   | 706.2   | 705.4   | 705.2   | 702.9   | 702.4   | 700.9   |
| 75°    | 626.3   | 640.4   | 643.5   | 645.6   | 645.9   | 647.2   | 645.3   | 644.1   | 640.4   | 638.9   | 636.4   |
| 77.5°  | 559.8   | 574.5   | 576.6   | 577.4   | 576.2   | 576.5   | 572.4   | 569.7   | 565.1   | 563.1   | 560.7   |
| 80°    | 473.2   | 494.9   | 496.5   | 495.2   | 491.9   | 491.3   | 487.4   | 484.8   | 479.2   | 477.3   | 475.2   |
| 82.5°  | 360.1   | 385.5   | 389.0   | 390.5   | 387.8   | 388.5   | 384.7   | 383.3   | 378.1   | 377.2   | 373.8   |
| 85°    | 227.3   | 252.7   | 256.9   | 256.3   | 253.6   | 252.9   | 250.7   | 251.4   | 250.9   | 252.3   | 253.1   |
| 87.5°  | 104.4   | 129.0   | 134.9   | 133.0   | 132.7   | 131.0   | 127.1   | 128.5   | 131.0   | 132.5   | 132.5   |
| 90°    | 39.7    | 49.0    | 50.6    | 49.7    | 46.5    | 45.1    | 42.1    | 41.3    | 38.6    | 37.7    | 35.0    |
| 92.5°  | 50.1    | 52.9    | 55.8    | 53.3    | 50.7    | 48.1    | 45.6    | 42.9    | 40.5    | 37.8    | 35.3    |
| 95°    | 62.5    | 66.5    | 70.6    | 67.3    | 63.7    | 60.3    | 56.9    | 53.5    | 50.0    | 46.6    | 43.2    |
| 97.5°  | 70.2    | 74.9    | 79.7    | 76.3    | 72.9    | 69.4    | 65.9    | 62.6    | 59.1    | 55.6    | 52.2    |
| 100°   | 120.5   | 131.4   | 142.7   | 132.9   | 123.2   | 113.4   | 103.7   | 94.0    | 84.3    | 74.6    | 64.8    |
| 102.5° | 270.5   | 297.6   | 324.9   | 300.2   | 275.6   | 250.9   | 226.4   | 201.8   | 177.2   | 152.5   | 128.0   |
| 105°   | 486.3   | 527.4   | 568.7   | 530.9   | 493.4   | 455.9   | 418.3   | 380.8   | 343.2   | 305.6   | 268.2   |
| 107.5° | 654.8   | 693.2   | 731.9   | 697.8   | 663.8   | 629.9   | 595.8   | 561.9   | 527.9   | 493.9   | 460.0   |
| 110°   | 738.7   | 768.8   | 799.4   | 776.4   | 753.6   | 730.7   | 707.9   | 685.0   | 662.2   | 639.5   | 616.6   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 222.5° | 225°  | 227.5° | 230°  | 232.5° | 235°  | 237.5° | 240°  | 242.5° | 245°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 738.8 | 760.3  | 782.6 | 769.0  | 755.6 | 742.2  | 728.8 | 715.3  | 702.0 | 688.6  | 675.4 |
| 115°   | 676.4 | 688.7  | 701.9 | 696.3  | 691.0 | 685.5  | 680.1 | 674.7  | 669.3 | 663.8  | 658.7 |
| 117.5° | 598.3 | 603.7  | 610.1 | 608.8  | 607.6 | 606.3  | 605.2 | 604.2  | 603.1 | 602.0  | 601.0 |
| 120°   | 516.6 | 517.0  | 518.5 | 518.7  | 519.3 | 519.7  | 520.2 | 520.6  | 521.2 | 521.7  | 522.3 |
| 122.5° | 447.9 | 445.2  | 443.6 | 443.9  | 444.4 | 444.6  | 444.9 | 445.3  | 445.7 | 446.2  | 446.7 |
| 125°   | 399.2 | 395.0  | 392.2 | 391.0  | 389.9 | 388.5  | 387.3 | 386.0  | 385.1 | 383.9  | 382.8 |
| 127.5° | 364.2 | 359.5  | 356.5 | 354.1  | 351.7 | 349.2  | 346.8 | 344.2  | 342.0 | 339.5  | 337.2 |
| 130°   | 340.0 | 335.5  | 332.7 | 329.6  | 326.8 | 323.7  | 320.8 | 317.7  | 314.7 | 311.8  | 308.8 |
| 132.5° | 323.1 | 318.6  | 316.0 | 313.1  | 310.4 | 307.4  | 304.6 | 301.6  | 298.7 | 295.7  | 293.0 |
| 135°   | 312.4 | 308.3  | 306.2 | 303.5  | 301.0 | 298.2  | 295.6 | 292.9  | 290.4 | 287.6  | 285.0 |
| 137.5° | 303.4 | 299.3  | 297.4 | 295.2  | 293.2 | 290.9  | 288.9 | 286.6  | 284.5 | 282.1  | 280.1 |
| 140°   | 295.7 | 291.5  | 289.5 | 288.2  | 287.0 | 285.6  | 284.4 | 283.0  | 281.7 | 280.4  | 279.0 |
| 142.5° | 290.2 | 286.1  | 284.4 | 283.5  | 282.7 | 281.8  | 281.0 | 280.1  | 279.2 | 278.1  | 277.2 |
| 145°   | 284.6 | 279.9  | 278.0 | 277.7  | 277.7 | 277.5  | 277.2 | 277.0  | 276.7 | 276.3  | 276.1 |
| 147.5° | 281.0 | 276.2  | 274.4 | 274.4  | 274.5 | 274.4  | 274.5 | 274.4  | 274.5 | 274.4  | 274.5 |
| 150°   | 276.8 | 271.5  | 269.3 | 269.6  | 269.7 | 270.0  | 270.1 | 270.4  | 270.7 | 270.9  | 271.1 |
| 152.5° | 273.4 | 267.1  | 264.6 | 264.9  | 265.3 | 265.5  | 265.8 | 266.2  | 266.6 | 267.0  | 267.2 |
| 155°   | 270.8 | 263.9  | 261.2 | 261.2  | 261.3 | 261.5  | 261.6 | 261.9  | 262.1 | 262.3  | 262.7 |
| 157.5° | 269.8 | 262.5  | 259.9 | 259.7  | 259.7 | 259.7  | 259.7 | 259.9  | 260.0 | 260.1  | 260.4 |
| 160°   | 269.5 | 262.2  | 259.7 | 259.4  | 259.5 | 259.4  | 259.3 | 259.4  | 259.5 | 259.6  | 259.7 |
| 162.5° | 269.2 | 262.1  | 259.7 | 259.4  | 259.2 | 259.2  | 259.2 | 259.1  | 259.2 | 259.2  | 259.4 |
| 165°   | 269.2 | 263.0  | 260.8 | 260.6  | 260.7 | 260.6  | 260.6 | 260.7  | 260.9 | 261.0  | 261.2 |
| 167.5° | 271.4 | 265.7  | 264.1 | 263.8  | 263.5 | 263.2  | 263.2 | 262.8  | 262.8 | 262.7  | 262.7 |
| 170°   | 271.6 | 267.2  | 265.7 | 265.7  | 265.7 | 265.7  | 265.7 | 265.7  | 265.7 | 265.7  | 265.7 |
| 172.5° | 272.2 | 268.9  | 267.8 | 267.9  | 268.2 | 268.3  | 268.5 | 268.6  | 268.8 | 269.0  | 269.3 |
| 175°   | 272.8 | 270.8  | 270.3 | 270.2  | 270.3 | 270.4  | 270.5 | 270.7  | 270.8 | 270.9  | 271.2 |
| 177.5° | 274.0 | 273.4  | 273.1 | 273.1  | 273.1 | 273.1  | 273.1 | 273.1  | 273.1 | 273.2  | 273.2 |
| 180°   | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 247.5°  | 250°    | 252.5°  | 255°    | 257.5°  | 260°    | 262.5°  | 265°    | 267.5°  | 270°    | 272.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24808.5 | 24837.4 | 24835.2 | 24862.2 | 24860.8 | 24886.3 | 24881.1 | 24903.2 | 24898.2 | 24916.9 | 24905.9 |
| 5°     | 25622.3 | 25677.3 | 25695.4 | 25745.1 | 25755.4 | 25799.8 | 25800.7 | 25836.0 | 25831.7 | 25859.3 | 25844.6 |
| 7.5°   | 26392.1 | 26443.4 | 26467.7 | 26506.3 | 26525.6 | 26557.6 | 26570.0 | 26596.3 | 26602.6 | 26618.1 | 26617.6 |
| 10°    | 26457.0 | 26456.8 | 26468.9 | 26463.4 | 26474.2 | 26468.0 | 26481.1 | 26476.5 | 26495.8 | 26490.9 | 26505.5 |
| 12.5°  | 25582.8 | 25496.1 | 25464.4 | 25386.5 | 25369.4 | 25302.6 | 25307.3 | 25264.4 | 25285.1 | 25258.8 | 25303.7 |
| 15°    | 23704.2 | 23502.9 | 23403.4 | 23228.4 | 23173.5 | 23035.3 | 23024.0 | 22932.1 | 22957.0 | 22908.9 | 22979.2 |
| 17.5°  | 20927.9 | 20611.1 | 20437.2 | 20181.7 | 20080.2 | 19884.6 | 19845.4 | 19727.2 | 19745.4 | 19685.9 | 19770.7 |
| 20°    | 17617.9 | 17235.0 | 17015.7 | 16720.2 | 16588.4 | 16355.2 | 16293.3 | 16161.0 | 16177.6 | 16118.3 | 16214.3 |
| 22.5°  | 14270.1 | 13869.4 | 13621.7 | 13312.0 | 13143.7 | 12924.4 | 12858.6 | 12725.7 | 12733.2 | 12677.6 | 12770.0 |
| 25°    | 11193.7 | 10809.4 | 10569.1 | 10287.8 | 10141.7 | 9940.6  | 9871.4  | 9752.2  | 9758.9  | 9713.0  | 9795.8  |
| 27.5°  | 8659.1  | 8343.8  | 8142.7  | 7906.9  | 7776.0  | 7610.7  | 7543.2  | 7442.9  | 7442.6  | 7409.0  | 7478.2  |
| 30°    | 6766.6  | 6503.5  | 6323.0  | 6117.6  | 5994.7  | 5845.4  | 5780.3  | 5690.6  | 5686.7  | 5662.8  | 5717.8  |
| 32.5°  | 5298.1  | 5064.1  | 4899.5  | 4718.7  | 4608.3  | 4480.3  | 4418.6  | 4346.5  | 4339.9  | 4318.3  | 4363.5  |
| 35°    | 4118.6  | 3921.5  | 3779.9  | 3627.8  | 3639.0  | 3450.2  | 3481.6  | 3334.9  | 3295.1  | 3286.3  | 3320.0  |
| 37.5°  | 3183.2  | 3030.5  | 2915.5  | 2801.6  | 2724.4  | 2644.6  | 2601.6  | 2563.0  | 2558.6  | 2554.9  | 2578.5  |
| 40°    | 2491.6  | 2384.8  | 2301.1  | 2222.9  | 2169.8  | 2121.1  | 2094.2  | 2073.0  | 2068.0  | 2065.2  | 2079.4  |
| 42.5°  | 2016.5  | 1944.5  | 1890.6  | 1842.9  | 1810.6  | 1784.1  | 1769.3  | 1757.5  | 1753.6  | 1753.7  | 1762.1  |
| 45°    | 1703.7  | 1660.0  | 1625.3  | 1595.6  | 1575.0  | 1584.1  | 1557.4  | 1571.3  | 1552.9  | 1572.0  | 1559.4  |
| 47.5°  | 1500.3  | 1463.1  | 1441.6  | 1420.6  | 1408.2  | 1398.1  | 1398.5  | 1398.7  | 1402.5  | 1403.2  | 1407.3  |
| 50°    | 1343.4  | 1321.9  | 1307.0  | 1293.6  | 1287.0  | 1281.8  | 1283.6  | 1285.0  | 1288.8  | 1289.1  | 1292.1  |
| 52.5°  | 1227.3  | 1213.1  | 1204.1  | 1195.8  | 1192.9  | 1189.9  | 1191.2  | 1190.7  | 1192.3  | 1191.5  | 1193.9  |
| 55°    | 1132.8  | 1126.1  | 1123.3  | 1120.2  | 1120.7  | 1119.8  | 1120.4  | 1117.4  | 1115.5  | 1113.3  | 1115.3  |
| 57.5°  | 1055.3  | 1054.4  | 1056.2  | 1057.5  | 1061.1  | 1062.4  | 1063.2  | 1059.7  | 1056.4  | 1053.4  | 1055.2  |
| 60°    | 995.5   | 996.9   | 1001.7  | 1005.6  | 1010.6  | 1013.1  | 1014.5  | 1012.5  | 1010.1  | 1007.6  | 1009.1  |
| 62.5°  | 936.5   | 938.9   | 944.5   | 948.8   | 955.0   | 958.2   | 961.7   | 961.9   | 962.8   | 961.9   | 962.9   |
| 65°    | 868.1   | 871.0   | 876.1   | 879.7   | 885.4   | 888.2   | 891.8   | 892.5   | 894.6   | 894.1   | 895.8   |
| 67.5°  | 816.2   | 818.7   | 823.0   | 826.4   | 831.5   | 834.4   | 837.6   | 837.8   | 838.5   | 838.4   | 839.9   |
| 70°    | 760.7   | 761.9   | 765.8   | 768.6   | 773.7   | 776.7   | 780.4   | 781.5   | 783.7   | 784.1   | 786.0   |
| 72.5°  | 701.6   | 701.0   | 703.3   | 704.6   | 708.4   | 710.8   | 715.5   | 718.0   | 721.8   | 722.9   | 724.2   |
| 75°    | 637.1   | 636.6   | 639.3   | 640.4   | 643.7   | 646.0   | 651.3   | 654.7   | 660.6   | 663.1   | 662.4   |
| 77.5°  | 562.6   | 563.9   | 569.0   | 571.9   | 576.2   | 579.3   | 586.0   | 591.3   | 602.2   | 607.0   | 602.1   |
| 80°    | 479.2   | 480.6   | 485.9   | 488.5   | 494.3   | 498.0   | 505.5   | 511.8   | 521.6   | 523.6   | 520.9   |
| 82.5°  | 376.7   | 377.1   | 381.9   | 383.9   | 391.4   | 396.8   | 406.3   | 411.4   | 417.4   | 416.5   | 415.7   |
| 85°    | 256.9   | 260.4   | 266.3   | 272.2   | 281.4   | 290.1   | 299.2   | 306.6   | 301.3   | 309.7   | 300.3   |
| 87.5°  | 137.3   | 136.9   | 145.0   | 143.7   | 156.4   | 163.8   | 171.7   | 175.4   | 179.7   | 178.8   | 178.9   |
| 90°    | 34.6    | 32.7    | 32.9    | 30.7    | 31.6    | 29.3    | 30.8    | 28.7    | 30.5    | 28.0    | 32.0    |
| 92.5°  | 32.7    | 31.4    | 29.9    | 28.7    | 27.2    | 25.9    | 24.4    | 23.0    | 21.6    | 20.2    | 21.6    |
| 95°    | 39.8    | 38.5    | 37.3    | 35.9    | 34.6    | 33.3    | 32.0    | 30.7    | 29.5    | 28.2    | 29.8    |
| 97.5°  | 48.8    | 48.1    | 47.3    | 46.6    | 45.8    | 45.1    | 44.4    | 43.7    | 42.8    | 42.1    | 43.1    |
| 100°   | 55.1    | 55.1    | 55.1    | 55.1    | 54.9    | 54.9    | 54.9    | 54.9    | 54.9    | 54.9    | 55.7    |
| 102.5° | 103.3   | 100.9   | 98.4    | 95.9    | 93.5    | 91.0    | 88.5    | 86.1    | 83.6    | 81.2    | 84.9    |
| 105°   | 230.6   | 221.1   | 211.3   | 201.8   | 192.0   | 182.5   | 172.8   | 163.3   | 153.6   | 144.1   | 154.0   |
| 107.5° | 426.2   | 408.6   | 391.0   | 373.6   | 355.9   | 338.4   | 320.9   | 303.5   | 286.0   | 268.5   | 284.1   |
| 110°   | 593.9   | 575.2   | 556.6   | 538.0   | 519.4   | 500.7   | 482.1   | 463.6   | 445.0   | 426.5   | 441.4   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°  | 272.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 662.1  | 649.8 | 637.8  | 625.7 | 613.7  | 601.7 | 589.8  | 577.8 | 565.9  | 553.9 | 561.1  |
| 115°   | 653.3  | 647.5 | 641.6  | 635.9 | 630.3  | 624.4 | 618.7  | 613.1 | 607.4  | 601.7 | 602.2  |
| 117.5° | 600.0  | 597.9 | 595.8  | 593.9 | 591.9  | 589.9 | 588.1  | 586.3 | 584.3  | 582.6 | 578.6  |
| 120°   | 523.1  | 523.4 | 523.8  | 524.4 | 524.9  | 525.5 | 526.0  | 526.7 | 527.5  | 528.2 | 522.8  |
| 122.5° | 447.2  | 448.3 | 449.5  | 450.8 | 452.1  | 453.6 | 455.1  | 456.6 | 458.2  | 459.8 | 454.4  |
| 125°   | 381.6  | 382.7 | 383.9  | 385.2 | 386.3  | 387.8 | 389.2  | 390.8 | 392.3  | 394.0 | 389.4  |
| 127.5° | 334.9  | 335.1 | 335.2  | 335.6 | 335.9  | 336.4 | 336.9  | 337.6 | 338.3  | 339.2 | 336.3  |
| 130°   | 305.8  | 305.1 | 304.3  | 303.6 | 302.8  | 302.5 | 302.1  | 301.6 | 301.3  | 301.2 | 300.0  |
| 132.5° | 290.0  | 288.5 | 287.0  | 285.7 | 284.4  | 283.2 | 281.9  | 281.1 | 280.2  | 279.4 | 279.0  |
| 135°   | 282.3  | 280.4 | 278.5  | 276.6 | 274.7  | 273.3 | 271.7  | 270.4 | 269.1  | 267.9 | 268.2  |
| 137.5° | 277.8  | 276.0 | 274.1  | 272.3 | 270.4  | 269.0 | 267.3  | 265.9 | 264.7  | 263.5 | 264.1  |
| 140°   | 277.6  | 275.7 | 273.8  | 272.0 | 270.3  | 268.8 | 267.2  | 265.9 | 264.5  | 263.5 | 263.8  |
| 142.5° | 276.2  | 274.6 | 272.9  | 271.3 | 269.8  | 268.4 | 267.1  | 265.8 | 264.5  | 263.6 | 264.0  |
| 145°   | 275.9  | 274.6 | 273.3  | 272.1 | 271.0  | 270.0 | 268.7  | 268.0 | 267.1  | 266.6 | 266.8  |
| 147.5° | 274.3  | 273.4 | 272.3  | 271.5 | 270.4  | 269.9 | 269.0  | 268.5 | 267.8  | 267.3 | 267.4  |
| 150°   | 271.3  | 270.7 | 270.1  | 269.5 | 268.9  | 268.5 | 268.0  | 267.6 | 267.2  | 267.0 | 267.0  |
| 152.5° | 267.6  | 267.1 | 266.6  | 266.1 | 265.7  | 265.3 | 264.9  | 264.6 | 264.3  | 264.1 | 264.1  |
| 155°   | 262.8  | 262.7 | 262.4  | 262.2 | 262.0  | 262.0 | 261.8  | 261.9 | 261.7  | 261.8 | 261.9  |
| 157.5° | 260.5  | 260.5 | 260.4  | 260.6 | 260.6  | 260.6 | 260.6  | 260.9 | 260.9  | 261.2 | 261.3  |
| 160°   | 260.0  | 260.0 | 259.8  | 259.8 | 259.8  | 259.8 | 259.9  | 259.9 | 260.0  | 260.1 | 260.4  |
| 162.5° | 259.5  | 259.7 | 259.8  | 259.9 | 260.2  | 260.4 | 260.7  | 261.1 | 261.2  | 261.6 | 261.9  |
| 165°   | 261.4  | 261.4 | 261.3  | 261.2 | 261.4  | 261.5 | 261.6  | 261.8 | 261.9  | 262.2 | 262.6  |
| 167.5° | 262.6  | 262.7 | 262.7  | 262.9 | 263.1  | 263.5 | 263.7  | 264.1 | 264.3  | 264.8 | 265.1  |
| 170°   | 265.7  | 265.7 | 265.7  | 265.7 | 265.7  | 265.8 | 265.9  | 266.0 | 266.1  | 266.4 | 266.6  |
| 172.5° | 269.4  | 269.4 | 269.2  | 269.4 | 269.2  | 269.4 | 269.4  | 269.5 | 269.5  | 269.6 | 269.7  |
| 175°   | 271.1  | 271.4 | 271.5  | 271.7 | 271.7  | 271.8 | 271.9  | 272.1 | 272.2  | 272.4 | 272.4  |
| 177.5° | 273.2  | 273.3 | 273.3  | 273.3 | 273.3  | 273.4 | 273.4  | 273.4 | 273.4  | 273.3 | 273.4  |
| 180°   | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 277.5°  | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  | 300°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24924.2 | 24911.8 | 24924.5 | 24911.6 | 24924.5 | 24909.0 | 24919.5 | 24902.7 | 24907.0 | 24889.6 | 24894.1 |
| 5°     | 25866.7 | 25846.8 | 25857.4 | 25831.5 | 25834.2 | 25799.8 | 25799.1 | 25759.0 | 25748.4 | 25702.7 | 25682.6 |
| 7.5°   | 26628.7 | 26622.2 | 26625.9 | 26609.3 | 26607.3 | 26583.8 | 26572.6 | 26539.4 | 26518.5 | 26476.5 | 26447.7 |
| 10°    | 26508.1 | 26527.5 | 26532.6 | 26552.3 | 26556.4 | 26576.0 | 26580.1 | 26599.8 | 26603.8 | 26618.4 | 26618.5 |
| 12.5°  | 25301.5 | 25367.5 | 25383.3 | 25464.8 | 25499.1 | 25592.3 | 25642.3 | 25745.1 | 25806.0 | 25908.5 | 25971.5 |
| 15°    | 22977.2 | 23091.4 | 23136.9 | 23295.9 | 23384.0 | 23569.7 | 23686.5 | 23899.8 | 24050.3 | 24276.8 | 24438.4 |
| 17.5°  | 19778.2 | 19937.7 | 20009.7 | 20225.4 | 20366.2 | 20640.4 | 20837.9 | 21163.2 | 21412.1 | 21773.6 | 22060.1 |
| 20°    | 16230.7 | 16408.0 | 16505.7 | 16751.8 | 16918.0 | 17238.3 | 17485.0 | 17884.7 | 18218.0 | 18675.9 | 19067.6 |
| 22.5°  | 12798.8 | 12967.5 | 13076.0 | 13326.5 | 13513.4 | 13847.6 | 14123.2 | 14545.1 | 14918.5 | 15434.6 | 15904.1 |
| 25°    | 9827.1  | 9981.7  | 10079.7 | 10306.2 | 10481.9 | 10788.8 | 11052.1 | 11457.8 | 11823.2 | 12340.9 | 12822.4 |
| 27.5°  | 7512.7  | 7642.1  | 7736.7  | 7929.8  | 8084.7  | 8345.0  | 8571.3  | 8906.5  | 9221.3  | 9669.2  | 10098.0 |
| 30°    | 5751.6  | 5866.3  | 5958.3  | 6126.5  | 6270.1  | 6495.9  | 6694.8  | 6976.3  | 7236.9  | 7593.2  | 7934.4  |
| 32.5°  | 4395.2  | 4494.0  | 4575.9  | 4723.2  | 4853.5  | 5056.7  | 5235.9  | 5482.7  | 5706.3  | 6008.6  | 6289.3  |
| 35°    | 3351.2  | 3545.5  | 3531.8  | 3734.8  | 3767.5  | 3913.4  | 4073.3  | 4289.1  | 4487.1  | 4744.1  | 4983.0  |
| 37.5°  | 2601.1  | 2655.7  | 2714.3  | 2804.0  | 2898.4  | 3031.1  | 3166.2  | 3429.9  | 3526.6  | 3720.8  | 3918.5  |
| 40°    | 2097.5  | 2134.4  | 2173.1  | 2233.8  | 2299.8  | 2393.3  | 2491.6  | 2617.4  | 2746.4  | 2903.9  | 3064.7  |
| 42.5°  | 1773.3  | 1794.2  | 1818.8  | 1854.4  | 1895.1  | 1954.4  | 2020.2  | 2105.5  | 2195.2  | 2306.0  | 2419.1  |
| 45°    | 1584.3  | 1574.3  | 1581.6  | 1600.8  | 1625.4  | 1661.3  | 1702.9  | 1755.8  | 1814.1  | 1885.9  | 1962.4  |
| 47.5°  | 1408.2  | 1412.2  | 1414.3  | 1424.7  | 1437.8  | 1462.0  | 1487.2  | 1523.1  | 1592.3  | 1613.4  | 1655.1  |
| 50°    | 1291.8  | 1293.7  | 1293.1  | 1298.4  | 1305.0  | 1320.8  | 1337.1  | 1361.3  | 1385.6  | 1417.7  | 1448.3  |
| 52.5°  | 1194.3  | 1197.0  | 1196.6  | 1200.1  | 1203.7  | 1213.6  | 1223.9  | 1241.1  | 1257.0  | 1277.4  | 1295.0  |
| 55°    | 1117.3  | 1121.1  | 1122.5  | 1125.5  | 1127.1  | 1132.4  | 1136.4  | 1144.7  | 1151.4  | 1163.0  | 1173.7  |
| 57.5°  | 1058.1  | 1063.2  | 1065.6  | 1066.5  | 1064.5  | 1064.2  | 1062.8  | 1064.6  | 1066.0  | 1072.2  | 1078.2  |
| 60°    | 1011.5  | 1015.6  | 1016.2  | 1015.6  | 1011.7  | 1009.0  | 1004.6  | 1003.2  | 1002.6  | 1005.6  | 1008.8  |
| 62.5°  | 962.7   | 964.2   | 963.1   | 961.9   | 957.6   | 954.9   | 950.4   | 948.7   | 947.1   | 949.3   | 950.9   |
| 65°    | 895.1   | 896.4   | 895.1   | 894.5   | 890.5   | 888.4   | 884.5   | 883.3   | 881.1   | 881.6   | 881.3   |
| 67.5°  | 840.3   | 841.6   | 840.6   | 839.6   | 836.9   | 835.5   | 832.7   | 831.0   | 828.2   | 827.3   | 825.4   |
| 70°    | 785.7   | 786.6   | 785.1   | 784.1   | 781.0   | 779.8   | 777.2   | 776.6   | 774.6   | 774.1   | 772.0   |
| 72.5°  | 722.9   | 723.0   | 720.7   | 720.0   | 717.8   | 717.7   | 716.6   | 717.6   | 717.5   | 718.6   | 718.2   |
| 75°    | 658.5   | 657.6   | 654.9   | 654.4   | 652.7   | 653.4   | 652.3   | 653.8   | 654.0   | 656.4   | 656.6   |
| 77.5°  | 594.1   | 590.7   | 585.5   | 583.0   | 579.5   | 579.2   | 577.1   | 578.5   | 578.0   | 580.8   | 581.9   |
| 80°    | 512.8   | 508.6   | 502.0   | 498.8   | 494.7   | 494.0   | 492.1   | 494.0   | 493.1   | 496.3   | 498.6   |
| 82.5°  | 409.3   | 405.8   | 398.9   | 396.3   | 391.5   | 392.0   | 390.0   | 392.0   | 391.7   | 396.5   | 399.2   |
| 85°    | 302.8   | 300.4   | 293.3   | 287.0   | 280.0   | 275.9   | 271.8   | 271.2   | 270.0   | 271.8   | 273.5   |
| 87.5°  | 174.9   | 172.7   | 167.1   | 163.5   | 151.2   | 151.7   | 146.9   | 146.6   | 145.4   | 144.3   | 146.9   |
| 90°    | 31.4    | 34.8    | 34.4    | 37.5    | 37.5    | 41.0    | 41.2    | 44.7    | 44.4    | 47.8    | 48.1    |
| 92.5°  | 23.0    | 24.4    | 25.8    | 27.2    | 28.6    | 29.9    | 31.3    | 32.7    | 35.7    | 38.5    | 41.7    |
| 95°    | 31.4    | 33.0    | 34.6    | 36.3    | 37.8    | 39.4    | 41.0    | 42.6    | 47.0    | 51.3    | 55.7    |
| 97.5°  | 44.3    | 45.2    | 46.3    | 47.4    | 48.4    | 49.5    | 50.6    | 51.6    | 56.4    | 61.1    | 65.8    |
| 100°   | 56.6    | 57.4    | 58.3    | 59.2    | 60.0    | 60.9    | 61.7    | 62.6    | 71.8    | 80.9    | 89.9    |
| 102.5° | 88.4    | 92.1    | 95.7    | 99.3    | 103.0   | 106.7   | 110.3   | 113.9   | 134.8   | 155.6   | 176.4   |
| 105°   | 163.9   | 173.9   | 183.9   | 193.7   | 203.6   | 213.6   | 223.6   | 233.5   | 266.9   | 300.2   | 333.7   |
| 107.5° | 299.8   | 315.5   | 331.2   | 347.0   | 362.7   | 378.4   | 394.2   | 409.9   | 442.4   | 475.0   | 507.5   |
| 110°   | 456.4   | 471.4   | 486.3   | 501.3   | 516.3   | 531.3   | 546.4   | 561.5   | 581.0   | 600.5   | 620.2   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°  | 282.5° | 285°  | 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 568.5 | 575.7  | 583.1 | 590.4  | 597.8 | 605.2  | 612.6 | 620.0  | 629.8 | 639.6  | 649.4 |
| 115°   | 602.7 | 603.1  | 603.7 | 604.2  | 604.7 | 605.3  | 606.1 | 606.7  | 610.0 | 613.2  | 616.4 |
| 117.5° | 574.6 | 570.6  | 566.8 | 562.8  | 558.9 | 555.3  | 551.4 | 547.8  | 547.3 | 546.9  | 546.5 |
| 120°   | 517.6 | 512.3  | 507.0 | 501.7  | 496.6 | 491.5  | 486.4 | 481.5  | 479.0 | 476.6  | 474.3 |
| 122.5° | 449.2 | 443.9  | 438.8 | 433.5  | 428.5 | 423.5  | 418.6 | 413.7  | 412.1 | 410.5  | 409.0 |
| 125°   | 385.0 | 380.7  | 376.4 | 372.2  | 368.1 | 364.1  | 360.2 | 356.2  | 356.4 | 356.4  | 356.9 |
| 127.5° | 333.7 | 331.1  | 328.6 | 326.3  | 323.9 | 321.6  | 319.5 | 317.3  | 318.9 | 320.3  | 321.8 |
| 130°   | 298.9 | 298.0  | 297.1 | 296.1  | 295.4 | 294.8  | 294.1 | 293.5  | 295.9 | 298.2  | 300.7 |
| 132.5° | 279.1 | 279.0  | 279.1 | 279.2  | 279.6 | 279.9  | 280.5 | 280.6  | 283.4 | 286.1  | 288.8 |
| 135°   | 268.6 | 269.0  | 269.8 | 270.5  | 271.5 | 272.1  | 273.1 | 274.0  | 276.7 | 279.1  | 281.9 |
| 137.5° | 264.8 | 265.5  | 266.4 | 267.1  | 268.4 | 269.3  | 270.6 | 271.6  | 273.7 | 275.8  | 277.9 |
| 140°   | 264.4 | 265.0  | 265.8 | 266.6  | 267.4 | 268.3  | 269.4 | 270.2  | 272.1 | 273.8  | 275.4 |
| 142.5° | 264.7 | 265.0  | 265.7 | 266.6  | 267.4 | 268.2  | 269.2 | 269.9  | 271.3 | 272.5  | 274.0 |
| 145°   | 267.2 | 267.6  | 268.3 | 268.8  | 269.4 | 270.1  | 270.8 | 271.5  | 272.4 | 273.2  | 274.1 |
| 147.5° | 267.8 | 268.1  | 268.6 | 269.0  | 269.6 | 270.1  | 270.5 | 270.9  | 271.6 | 272.2  | 273.0 |
| 150°   | 267.2 | 267.4  | 267.7 | 267.7  | 268.2 | 268.6  | 269.0 | 269.3  | 269.9 | 270.3  | 271.0 |
| 152.5° | 264.3 | 264.4  | 264.7 | 264.8  | 265.2 | 265.5  | 265.7 | 266.1  | 266.7 | 267.0  | 267.5 |
| 155°   | 262.2 | 262.6  | 262.9 | 263.2  | 263.7 | 263.9  | 264.3 | 264.5  | 265.0 | 265.4  | 265.8 |
| 157.5° | 261.7 | 261.9  | 262.4 | 262.6  | 263.0 | 263.2  | 263.6 | 263.9  | 264.3 | 264.6  | 265.0 |
| 160°   | 260.9 | 261.3  | 261.7 | 262.3  | 262.7 | 263.0  | 263.5 | 264.0  | 264.3 | 264.6  | 265.0 |
| 162.5° | 262.3 | 262.7  | 263.0 | 263.3  | 263.6 | 264.0  | 264.2 | 264.6  | 265.2 | 265.5  | 266.0 |
| 165°   | 263.0 | 263.5  | 264.1 | 264.3  | 264.8 | 265.4  | 265.7 | 266.2  | 266.5 | 266.9  | 267.1 |
| 167.5° | 265.6 | 265.8  | 266.4 | 266.9  | 267.2 | 267.6  | 268.1 | 268.5  | 268.8 | 269.0  | 269.4 |
| 170°   | 267.0 | 267.3  | 267.7 | 268.2  | 268.6 | 268.8  | 269.2 | 269.5  | 270.0 | 270.2  | 270.7 |
| 172.5° | 270.0 | 270.2  | 270.5 | 270.8  | 271.1 | 271.5  | 271.7 | 271.9  | 272.3 | 272.6  | 272.9 |
| 175°   | 272.4 | 272.4  | 272.5 | 272.6  | 272.7 | 272.7  | 272.8 | 273.0  | 273.1 | 273.1  | 273.2 |
| 177.5° | 273.5 | 273.7  | 273.8 | 273.9  | 274.0 | 274.2  | 274.3 | 274.4  | 274.4 | 274.4  | 274.4 |
| 180°   | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  | 325°    | 327.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24876.6 | 24877.7 | 24857.6 | 24856.5 | 24837.8 | 24835.3 | 24817.1 | 24811.5 | 24796.7 | 24791.2 | 24776.0 |
| 5°     | 25631.4 | 25606.9 | 25550.4 | 25517.3 | 25461.4 | 25424.4 | 25364.0 | 25324.7 | 25266.3 | 25222.4 | 25163.7 |
| 7.5°   | 26394.7 | 26356.7 | 26293.3 | 26242.0 | 26164.5 | 26102.7 | 26012.0 | 25937.8 | 25839.7 | 25754.7 | 25651.6 |
| 10°    | 26618.5 | 26612.7 | 26596.5 | 26573.0 | 26537.0 | 26496.5 | 26434.9 | 26370.5 | 26284.5 | 26191.0 | 26076.5 |
| 12.5°  | 26067.8 | 26127.2 | 26208.3 | 26256.4 | 26314.9 | 26340.5 | 26364.5 | 26358.4 | 26342.7 | 26295.4 | 26229.2 |
| 15°    | 24672.3 | 24839.5 | 25060.8 | 25232.3 | 25429.7 | 25573.1 | 25731.5 | 25830.1 | 25928.6 | 25974.0 | 26001.8 |
| 17.5°  | 22452.6 | 22769.1 | 23165.9 | 23494.8 | 23874.3 | 24179.1 | 24513.2 | 24764.7 | 25023.3 | 25208.6 | 25376.2 |
| 20°    | 19601.4 | 20059.9 | 20621.2 | 21117.1 | 21693.6 | 22194.7 | 22743.7 | 23194.4 | 23659.2 | 24022.7 | 24366.7 |
| 22.5°  | 16508.8 | 17053.3 | 17731.9 | 18360.5 | 19103.8 | 19771.8 | 20525.4 | 21181.3 | 21866.3 | 22438.4 | 22991.6 |
| 25°    | 13467.7 | 14065.0 | 14806.9 | 15508.2 | 16350.0 | 17127.0 | 18020.8 | 18838.2 | 19723.5 | 20492.0 | 21251.2 |
| 27.5°  | 10690.8 | 11277.1 | 12034.6 | 12781.1 | 13671.3 | 14499.2 | 15456.8 | 16357.6 | 17365.5 | 18295.0 | 19245.7 |
| 30°    | 8408.4  | 8905.7  | 9584.9  | 10308.0 | 11185.9 | 12028.4 | 12996.5 | 13922.8 | 14971.3 | 15986.2 | 17057.1 |
| 32.5°  | 6661.7  | 7040.6  | 7574.6  | 8186.0  | 8996.1  | 9798.0  | 10719.8 | 11614.1 | 12646.6 | 13671.7 | 14785.6 |
| 35°    | 5290.6  | 5586.1  | 5993.3  | 6470.4  | 7156.4  | 7847.7  | 8663.1  | 9476.2  | 10439.5 | 11412.3 | 12494.9 |
| 37.5°  | 4171.9  | 4411.7  | 4730.6  | 5089.0  | 5639.2  | 6206.5  | 6875.1  | 7549.3  | 8386.4  | 9248.6  | 10229.8 |
| 40°    | 3257.8  | 3452.0  | 3700.2  | 3967.5  | 4383.0  | 4820.1  | 5337.2  | 5860.0  | 6532.4  | 7237.2  | 8049.2  |
| 42.5°  | 2559.3  | 2702.5  | 2877.9  | 3073.2  | 3460.9  | 3692.9  | 4043.5  | 4421.6  | 4916.0  | 5427.7  | 6038.1  |
| 45°    | 2055.3  | 2153.0  | 2274.6  | 2405.7  | 2585.6  | 2782.4  | 3022.6  | 3274.4  | 3744.0  | 3974.4  | 4345.7  |
| 47.5°  | 1716.4  | 1782.0  | 1859.4  | 1941.9  | 2048.0  | 2162.5  | 2305.0  | 2450.5  | 2638.8  | 2834.0  | 3062.8  |
| 50°    | 1488.1  | 1554.8  | 1581.4  | 1624.2  | 1685.6  | 1751.0  | 1831.3  | 1911.5  | 2012.5  | 2114.9  | 2232.6  |
| 52.5°  | 1318.7  | 1340.4  | 1369.4  | 1396.5  | 1434.6  | 1509.0  | 1533.1  | 1575.1  | 1631.7  | 1687.1  | 1748.9  |
| 55°    | 1189.3  | 1203.5  | 1222.3  | 1238.7  | 1261.7  | 1283.7  | 1315.4  | 1343.3  | 1381.2  | 1414.5  | 1455.6  |
| 57.5°  | 1088.6  | 1097.6  | 1110.7  | 1121.5  | 1136.3  | 1148.8  | 1167.4  | 1182.5  | 1204.2  | 1223.2  | 1248.1  |
| 60°    | 1015.5  | 1021.5  | 1030.3  | 1037.3  | 1046.8  | 1053.2  | 1062.5  | 1069.6  | 1081.1  | 1090.6  | 1104.6  |
| 62.5°  | 955.7   | 958.8   | 964.5   | 968.7   | 974.7   | 978.0   | 982.9   | 986.0   | 992.3   | 997.1   | 1004.9  |
| 65°    | 884.1   | 884.7   | 888.6   | 890.3   | 895.0   | 896.8   | 900.8   | 902.2   | 907.5   | 911.0   | 917.9   |
| 67.5°  | 825.2   | 823.6   | 823.7   | 822.3   | 823.0   | 821.6   | 822.0   | 820.6   | 822.6   | 823.7   | 828.9   |
| 70°    | 771.7   | 769.3   | 768.6   | 766.1   | 765.4   | 762.9   | 762.1   | 759.9   | 759.6   | 758.8   | 760.7   |
| 72.5°  | 719.4   | 718.7   | 718.9   | 717.1   | 717.0   | 715.3   | 715.4   | 714.2   | 715.5   | 716.0   | 718.4   |
| 75°    | 659.3   | 659.4   | 660.6   | 659.1   | 659.5   | 658.0   | 658.6   | 657.2   | 657.9   | 657.7   | 660.0   |
| 77.5°  | 586.1   | 587.8   | 591.0   | 590.3   | 591.3   | 589.8   | 590.4   | 588.5   | 589.1   | 587.8   | 588.7   |
| 80°    | 503.8   | 507.4   | 511.7   | 511.5   | 513.3   | 512.2   | 513.8   | 512.0   | 512.8   | 510.5   | 509.9   |
| 82.5°  | 406.1   | 409.2   | 413.7   | 413.9   | 418.0   | 418.6   | 423.1   | 422.9   | 425.7   | 424.0   | 422.6   |
| 85°    | 277.6   | 279.7   | 283.7   | 285.9   | 290.0   | 292.5   | 296.8   | 298.6   | 295.5   | 301.2   | 296.7   |
| 87.5°  | 145.0   | 150.3   | 147.3   | 154.4   | 152.7   | 159.8   | 158.3   | 164.9   | 163.5   | 169.3   | 168.5   |
| 90°    | 52.5    | 53.1    | 57.7    | 58.5    | 64.1    | 65.6    | 68.3    | 66.4    | 68.9    | 67.3    | 69.7    |
| 92.5°  | 44.5    | 47.6    | 50.6    | 53.6    | 56.6    | 59.7    | 56.8    | 54.0    | 51.2    | 48.6    | 45.7    |
| 95°    | 60.1    | 64.4    | 68.8    | 73.3    | 77.6    | 82.0    | 77.3    | 72.7    | 68.0    | 63.3    | 58.5    |
| 97.5°  | 70.4    | 75.2    | 79.9    | 84.6    | 89.4    | 94.0    | 88.5    | 83.0    | 77.4    | 71.9    | 66.4    |
| 100°   | 99.0    | 108.2   | 117.3   | 126.3   | 135.4   | 144.4   | 134.2   | 123.8   | 113.6   | 103.2   | 92.9    |
| 102.5° | 197.4   | 218.3   | 239.1   | 260.0   | 280.8   | 301.7   | 279.8   | 258.1   | 236.1   | 214.1   | 192.2   |
| 105°   | 367.0   | 400.4   | 433.8   | 467.1   | 500.6   | 534.1   | 498.6   | 463.0   | 427.5   | 392.1   | 356.4   |
| 107.5° | 540.1   | 572.7   | 605.4   | 637.9   | 670.5   | 703.2   | 667.2   | 631.2   | 595.3   | 559.1   | 523.1   |
| 110°   | 639.9   | 659.4   | 679.1   | 698.8   | 718.4   | 738.1   | 711.9   | 685.7   | 659.4   | 633.1   | 606.9   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 659.3  | 669.4 | 679.2  | 689.2 | 699.2  | 709.1 | 690.4  | 671.8 | 653.0  | 634.2 | 615.5  |
| 115°   | 619.7  | 623.0 | 626.4  | 629.6 | 632.8  | 636.2 | 623.7  | 611.1 | 598.7  | 586.1 | 573.4  |
| 117.5° | 546.1  | 545.8 | 545.4  | 545.3 | 544.8  | 544.5 | 537.5  | 530.6 | 523.6  | 516.7 | 509.7  |
| 120°   | 471.8  | 469.5 | 467.1  | 464.8 | 462.4  | 459.9 | 457.2  | 454.3 | 451.4  | 448.6 | 445.6  |
| 122.5° | 407.4  | 406.1 | 404.4  | 402.9 | 401.2  | 399.6 | 398.7  | 397.8 | 396.7  | 395.8 | 394.7  |
| 125°   | 357.1  | 357.3 | 357.4  | 357.7 | 357.8  | 358.0 | 357.6  | 357.4 | 356.8  | 356.5 | 356.0  |
| 127.5° | 323.2  | 324.8 | 326.1  | 327.5 | 328.8  | 330.3 | 330.3  | 330.5 | 330.5  | 330.6 | 330.7  |
| 130°   | 302.9  | 305.3 | 307.5  | 309.8 | 311.9  | 314.4 | 314.1  | 314.1 | 314.0  | 313.9 | 313.8  |
| 132.5° | 291.3  | 294.0 | 296.6  | 299.3 | 301.8  | 304.2 | 304.1  | 304.1 | 303.7  | 303.7 | 303.3  |
| 135°   | 284.3  | 286.8 | 289.2  | 291.8 | 294.0  | 296.5 | 296.2  | 296.0 | 295.4  | 295.3 | 295.1  |
| 137.5° | 279.9  | 281.9 | 283.9  | 286.0 | 287.8  | 289.8 | 289.3  | 289.2 | 288.7  | 288.6 | 288.2  |
| 140°   | 277.0  | 278.8 | 280.3  | 281.9 | 283.4  | 285.0 | 284.6  | 284.1 | 283.6  | 283.2 | 282.5  |
| 142.5° | 275.2  | 276.4 | 277.5  | 278.9 | 280.0  | 281.3 | 280.4  | 279.7 | 278.9  | 278.1 | 277.4  |
| 145°   | 275.0  | 276.0 | 276.8  | 277.6 | 278.3  | 279.2 | 278.1  | 277.3 | 276.1  | 275.3 | 274.4  |
| 147.5° | 273.5  | 274.2 | 274.5  | 275.2 | 275.5  | 276.1 | 275.1  | 274.3 | 273.3  | 272.3 | 271.4  |
| 150°   | 271.3  | 272.0 | 272.4  | 272.9 | 273.2  | 273.8 | 272.7  | 271.7 | 270.6  | 269.6 | 268.6  |
| 152.5° | 268.0  | 268.6 | 268.9  | 269.3 | 269.7  | 270.1 | 268.9  | 268.2 | 267.1  | 266.0 | 265.0  |
| 155°   | 266.0  | 266.5 | 266.7  | 267.1 | 267.1  | 267.4 | 266.5  | 265.8 | 264.9  | 264.1 | 263.1  |
| 157.5° | 265.3  | 265.7 | 265.9  | 266.1 | 266.3  | 266.6 | 265.8  | 265.3 | 264.5  | 264.0 | 263.2  |
| 160°   | 265.3  | 265.6 | 265.8  | 266.0 | 266.3  | 266.3 | 265.7  | 265.4 | 264.8  | 264.2 | 263.6  |
| 162.5° | 266.3  | 266.9 | 267.1  | 267.4 | 267.7  | 268.0 | 267.3  | 266.8 | 266.1  | 265.5 | 264.8  |
| 165°   | 267.4  | 267.7 | 268.0  | 268.3 | 268.4  | 268.6 | 268.1  | 267.7 | 267.2  | 266.9 | 266.3  |
| 167.5° | 269.6  | 270.0 | 270.1  | 270.4 | 270.5  | 270.7 | 270.2  | 270.0 | 269.4  | 268.9 | 268.5  |
| 170°   | 270.9  | 271.3 | 271.6  | 271.9 | 272.1  | 272.3 | 272.0  | 271.7 | 271.3  | 271.0 | 270.5  |
| 172.5° | 273.1  | 273.4 | 273.5  | 273.8 | 273.9  | 274.2 | 273.8  | 273.4 | 273.1  | 272.7 | 272.2  |
| 175°   | 273.2  | 273.3 | 273.5  | 273.5 | 273.5  | 273.6 | 273.3  | 273.0 | 272.7  | 272.3 | 272.0  |
| 177.5° | 274.4  | 274.4 | 274.4  | 274.3 | 274.3  | 274.3 | 274.1  | 273.8 | 273.6  | 273.4 | 273.1  |
| 180°   | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°    | 352.5°  | 355°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5°   | 24770.7 | 24759.9 | 24753.0 | 24744.2 | 24738.8 | 24731.9 | 24726.9 | 24722.7 | 24719.2 | 24716.0 | 24713.6 |
| 5°     | 25119.0 | 25063.6 | 25020.7 | 24974.2 | 24935.9 | 24897.8 | 24868.4 | 24844.0 | 24827.3 | 24814.6 | 24807.2 |
| 7.5°   | 25562.5 | 25461.2 | 25370.9 | 25276.2 | 25191.1 | 25107.5 | 25035.3 | 24973.2 | 24926.6 | 24896.4 | 24878.1 |
| 10°    | 25958.5 | 25822.8 | 25688.7 | 25547.4 | 25413.5 | 25283.6 | 25163.7 | 25058.3 | 24974.8 | 24919.4 | 24886.9 |
| 12.5°  | 26136.1 | 26020.5 | 25883.4 | 25730.1 | 25566.0 | 25399.9 | 25238.0 | 25092.1 | 24969.6 | 24887.4 | 24839.9 |
| 15°    | 25979.7 | 25932.2 | 25839.3 | 25720.2 | 25564.5 | 25392.8 | 25202.8 | 25024.2 | 24859.8 | 24753.3 | 24691.6 |
| 17.5°  | 25471.1 | 25537.3 | 25530.2 | 25484.7 | 25372.7 | 25228.2 | 25034.6 | 24833.9 | 24628.4 | 24485.9 | 24408.2 |
| 20°    | 24612.8 | 24821.0 | 24926.6 | 24980.8 | 24936.9 | 24843.1 | 24667.8 | 24464.2 | 24224.6 | 24038.7 | 23925.1 |
| 22.5°  | 23406.7 | 23774.2 | 24003.3 | 24170.8 | 24206.4 | 24174.5 | 24019.7 | 23826.0 | 23559.0 | 23335.5 | 23167.9 |
| 25°    | 21853.9 | 22392.4 | 22754.4 | 23038.3 | 23148.4 | 23176.9 | 23045.2 | 22852.6 | 22554.9 | 22294.5 | 22064.4 |
| 27.5°  | 20025.0 | 20724.8 | 21208.1 | 21589.5 | 21761.5 | 21836.2 | 21715.0 | 21518.5 | 21166.2 | 20855.4 | 20554.8 |
| 30°    | 17966.1 | 18796.2 | 19378.2 | 19835.5 | 20045.3 | 20143.8 | 20015.0 | 19795.7 | 19385.9 | 19011.9 | 18633.1 |
| 32.5°  | 15762.3 | 16670.7 | 17304.9 | 17801.5 | 18009.4 | 18102.2 | 17933.7 | 17687.3 | 17213.6 | 16773.0 | 16331.2 |
| 35°    | 13455.0 | 14371.9 | 15011.4 | 15494.8 | 15669.1 | 15725.0 | 15509.5 | 15224.7 | 14700.0 | 14216.3 | 13734.7 |
| 37.5°  | 11100.7 | 11953.8 | 12535.0 | 12968.8 | 13076.6 | 13086.3 | 12826.6 | 12512.2 | 11960.6 | 11483.8 | 11004.3 |
| 40°    | 8766.8  | 9486.2  | 9955.5  | 10302.7 | 10340.1 | 10306.7 | 10024.5 | 9708.0  | 9192.0  | 8764.8  | 8343.8  |
| 42.5°  | 6568.3  | 7111.4  | 7446.2  | 7684.1  | 7670.0  | 7604.0  | 7345.2  | 7073.2  | 6647.4  | 6322.0  | 5990.8  |
| 45°    | 4684.9  | 5043.0  | 5238.7  | 5377.9  | 5333.2  | 5270.4  | 5068.9  | 4878.3  | 4588.9  | 4378.7  | 4156.2  |
| 47.5°  | 3254.6  | 3682.2  | 3607.8  | 3880.0  | 3645.5  | 3800.4  | 3477.8  | 3299.9  | 3146.4  | 3034.7  | 2908.9  |
| 50°    | 2330.0  | 2428.0  | 2475.3  | 2507.7  | 2490.5  | 2466.6  | 2408.7  | 2356.9  | 2286.8  | 2235.6  | 2176.1  |
| 52.5°  | 1799.4  | 1848.4  | 1875.2  | 1894.7  | 1890.8  | 1882.1  | 1856.9  | 1833.8  | 1801.0  | 1779.4  | 1753.2  |
| 55°    | 1524.2  | 1524.9  | 1574.2  | 1553.1  | 1584.3  | 1547.7  | 1562.1  | 1521.5  | 1528.1  | 1493.2  | 1469.8  |
| 57.5°  | 1266.5  | 1286.7  | 1295.7  | 1304.4  | 1301.9  | 1300.4  | 1290.6  | 1285.7  | 1274.7  | 1271.3  | 1263.4  |
| 60°    | 1114.1  | 1124.6  | 1126.8  | 1130.8  | 1127.4  | 1126.1  | 1118.5  | 1115.7  | 1108.3  | 1107.0  | 1101.8  |
| 62.5°  | 1009.6  | 1014.9  | 1014.9  | 1014.9  | 1010.5  | 1006.4  | 997.9   | 993.4   | 987.1   | 985.7   | 982.7   |
| 65°    | 922.4   | 927.9   | 928.8   | 930.0   | 926.8   | 923.5   | 916.0   | 911.2   | 904.8   | 902.2   | 898.8   |
| 67.5°  | 832.3   | 838.3   | 840.2   | 843.2   | 841.4   | 840.8   | 835.6   | 833.8   | 829.5   | 828.4   | 825.2   |
| 70°    | 761.5   | 764.1   | 763.9   | 763.8   | 759.8   | 756.2   | 750.3   | 747.5   | 743.0   | 742.1   | 739.2   |
| 72.5°  | 719.5   | 721.3   | 720.1   | 718.6   | 713.4   | 708.2   | 701.2   | 696.1   | 690.3   | 686.6   | 682.5   |
| 75°    | 660.3   | 662.6   | 661.1   | 660.1   | 655.5   | 652.0   | 646.4   | 643.6   | 639.5   | 638.4   | 635.5   |
| 77.5°  | 587.6   | 588.7   | 586.4   | 586.1   | 582.5   | 580.3   | 576.1   | 575.4   | 572.4   | 572.4   | 569.7   |
| 80°    | 506.7   | 506.0   | 502.3   | 501.5   | 498.0   | 497.0   | 493.7   | 493.9   | 491.6   | 492.5   | 490.6   |
| 82.5°  | 416.9   | 414.7   | 409.6   | 408.1   | 404.1   | 403.7   | 401.5   | 403.3   | 401.8   | 404.1   | 402.8   |
| 85°    | 298.8   | 299.4   | 297.2   | 297.2   | 296.0   | 296.4   | 296.2   | 297.6   | 297.8   | 299.7   | 299.7   |
| 87.5°  | 166.5   | 169.0   | 168.5   | 170.7   | 170.6   | 173.1   | 173.9   | 177.5   | 178.0   | 181.3   | 181.3   |
| 90°    | 68.0    | 70.8    | 69.0    | 72.0    | 71.4    | 74.9    | 74.9    | 78.4    | 77.8    | 80.8    | 79.6    |
| 92.5°  | 43.0    | 40.2    | 37.6    | 34.7    | 33.3    | 31.7    | 30.7    | 28.9    | 27.7    | 26.1    | 24.8    |
| 95°    | 53.9    | 49.2    | 44.5    | 39.8    | 38.2    | 36.5    | 34.9    | 33.3    | 31.7    | 30.1    | 28.5    |
| 97.5°  | 60.9    | 55.3    | 49.7    | 44.2    | 42.8    | 41.4    | 40.0    | 38.6    | 37.2    | 35.8    | 34.5    |
| 100°   | 82.5    | 72.2    | 61.9    | 51.5    | 50.3    | 49.2    | 48.0    | 46.8    | 45.6    | 44.4    | 43.2    |
| 102.5° | 170.3   | 148.3   | 126.4   | 104.3   | 100.2   | 96.0    | 91.9    | 87.7    | 83.5    | 79.3    | 75.2    |
| 105°   | 320.9   | 285.3   | 249.7   | 214.1   | 202.8   | 191.5   | 180.2   | 168.8   | 157.5   | 146.1   | 134.9   |
| 107.5° | 487.0   | 450.8   | 414.8   | 378.6   | 357.8   | 336.9   | 316.0   | 295.0   | 274.2   | 253.2   | 232.2   |
| 110°   | 580.6   | 554.3   | 527.8   | 501.4   | 484.7   | 467.9   | 451.0   | 434.2   | 417.5   | 400.5   | 383.7   |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 596.7 | 577.9  | 559.1 | 540.1  | 532.6 | 524.9  | 517.4 | 509.8  | 502.2 | 494.4  | 486.8 |
| 115°   | 560.7 | 548.2  | 535.4 | 522.6  | 520.0 | 517.3  | 514.7 | 511.9  | 509.4 | 506.6  | 503.8 |
| 117.5° | 502.7 | 495.6  | 488.6 | 481.5  | 481.9 | 482.5  | 483.0 | 483.4  | 483.8 | 484.2  | 484.6 |
| 120°   | 442.7 | 439.8  | 436.9 | 433.9  | 436.4 | 438.8  | 441.1 | 443.3  | 445.7 | 447.8  | 450.0 |
| 122.5° | 393.8 | 392.7  | 391.7 | 390.5  | 393.5 | 396.4  | 399.2 | 402.0  | 404.8 | 407.4  | 410.0 |
| 125°   | 355.8 | 355.2  | 354.8 | 354.3  | 357.3 | 360.3  | 363.2 | 365.9  | 368.8 | 371.3  | 373.9 |
| 127.5° | 330.8 | 330.8  | 330.8 | 330.8  | 333.1 | 335.1  | 337.3 | 339.2  | 341.2 | 342.9  | 344.8 |
| 130°   | 313.6 | 313.4  | 313.4 | 313.2  | 315.3 | 317.3  | 319.3 | 320.9  | 322.8 | 324.3  | 325.9 |
| 132.5° | 303.2 | 302.9  | 302.8 | 302.6  | 304.1 | 305.6  | 307.1 | 308.2  | 309.6 | 310.5  | 311.5 |
| 135°   | 294.9 | 294.4  | 294.1 | 293.8  | 295.3 | 296.7  | 298.0 | 299.1  | 300.4 | 301.2  | 302.2 |
| 137.5° | 287.9 | 287.5  | 287.2 | 286.8  | 288.2 | 289.4  | 290.7 | 291.6  | 292.6 | 293.6  | 294.3 |
| 140°   | 282.1 | 281.6  | 281.2 | 280.6  | 281.9 | 282.9  | 284.0 | 284.9  | 285.9 | 286.5  | 287.3 |
| 142.5° | 276.6 | 275.7  | 275.2 | 274.3  | 275.1 | 275.9  | 276.7 | 277.4  | 278.1 | 278.6  | 279.0 |
| 145°   | 273.4 | 272.3  | 271.5 | 270.3  | 271.0 | 271.6  | 272.3 | 273.0  | 273.3 | 273.7  | 274.1 |
| 147.5° | 270.5 | 269.4  | 268.4 | 267.3  | 268.0 | 268.4  | 268.8 | 269.1  | 269.6 | 269.8  | 270.1 |
| 150°   | 267.5 | 266.3  | 265.2 | 264.1  | 264.4 | 264.7  | 265.1 | 265.5  | 265.7 | 265.8  | 266.1 |
| 152.5° | 264.0 | 262.8  | 261.8 | 260.6  | 260.8 | 261.1  | 261.2 | 261.4  | 261.7 | 261.8  | 261.9 |
| 155°   | 262.2 | 261.2  | 260.2 | 259.3  | 259.5 | 259.7  | 259.8 | 259.9  | 259.9 | 259.9  | 260.0 |
| 157.5° | 262.5 | 261.5  | 261.0 | 260.0  | 260.0 | 260.0  | 260.1 | 259.8  | 259.9 | 259.7  | 259.6 |
| 160°   | 263.0 | 262.3  | 261.6 | 260.9  | 260.8 | 260.7  | 260.9 | 260.6  | 260.5 | 260.2  | 260.1 |
| 162.5° | 264.1 | 263.3  | 262.5 | 261.6  | 261.5 | 261.5  | 261.4 | 261.2  | 261.2 | 261.0  | 260.8 |
| 165°   | 265.8 | 265.3  | 264.7 | 264.0  | 263.9 | 263.7  | 263.6 | 263.3  | 263.1 | 262.7  | 262.5 |
| 167.5° | 267.9 | 267.3  | 266.8 | 266.1  | 266.1 | 266.1  | 266.0 | 265.8  | 265.8 | 265.6  | 265.5 |
| 170°   | 270.1 | 269.6  | 269.2 | 268.6  | 268.5 | 268.4  | 268.2 | 268.0  | 267.7 | 267.5  | 267.2 |
| 172.5° | 271.7 | 271.3  | 270.8 | 270.1  | 270.1 | 270.1  | 269.9 | 269.8  | 269.6 | 269.4  | 269.3 |
| 175°   | 271.6 | 271.3  | 270.7 | 270.4  | 270.3 | 270.2  | 270.1 | 270.1  | 269.9 | 269.8  | 269.6 |
| 177.5° | 272.9 | 272.7  | 272.2 | 272.0  | 271.9 | 271.9  | 271.8 | 271.7  | 271.7 | 271.6  | 271.6 |
| 180°   | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 | 273.0  | 273.0 |



TEST NUMBER: P1444452  
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 357.5°  | 360°    |
|--------|---------|---------|
| 0°     | 24616.1 | 24616.1 |
| 2.5°   | 24711.4 | 24710.1 |
| 5°     | 24803.3 | 24801.8 |
| 7.5°   | 24873.2 | 24872.7 |
| 10°    | 24881.3 | 24885.6 |
| 12.5°  | 24831.8 | 24835.2 |
| 15°    | 24686.8 | 24693.5 |
| 17.5°  | 24409.6 | 24418.5 |
| 20°    | 23932.1 | 23941.3 |
| 22.5°  | 23158.8 | 23162.7 |
| 25°    | 22034.6 | 22018.7 |
| 27.5°  | 20501.9 | 20474.5 |
| 30°    | 18553.6 | 18527.0 |
| 32.5°  | 16230.5 | 16214.0 |
| 35°    | 13615.6 | 13605.1 |
| 37.5°  | 10862.5 | 10841.3 |
| 40°    | 8189.9  | 8127.7  |
| 42.5°  | 5845.7  | 5736.6  |
| 45°    | 4039.9  | 3910.5  |
| 47.5°  | 2820.2  | 2740.2  |
| 50°    | 2137.7  | 2111.9  |
| 52.5°  | 1741.8  | 1735.8  |
| 55°    | 1469.7  | 1467.1  |
| 57.5°  | 1265.2  | 1264.3  |
| 60°    | 1104.6  | 1104.3  |
| 62.5°  | 984.8   | 985.2   |
| 65°    | 900.4   | 900.6   |
| 67.5°  | 826.1   | 825.5   |
| 70°    | 740.3   | 739.6   |
| 72.5°  | 681.1   | 680.1   |
| 75°    | 635.5   | 634.9   |
| 77.5°  | 570.5   | 569.5   |
| 80°    | 491.9   | 490.6   |
| 82.5°  | 404.6   | 403.2   |
| 85°    | 301.8   | 301.9   |
| 87.5°  | 184.6   | 184.5   |
| 90°    | 82.4    | 80.7    |
| 92.5°  | 23.6    | 22.4    |
| 95°    | 26.9    | 25.3    |
| 97.5°  | 33.1    | 31.7    |
| 100°   | 42.1    | 40.8    |
| 102.5° | 71.0    | 66.9    |
| 105°   | 123.6   | 112.2   |
| 107.5° | 211.3   | 190.4   |
| 110°   | 366.8   | 350.0   |



TEST NUMBER: P1444452  
CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 112.5° | 479.0  | 471.4 |
| 115°   | 500.9  | 498.0 |
| 117.5° | 484.8  | 485.0 |
| 120°   | 452.0  | 454.1 |
| 122.5° | 412.4  | 414.9 |
| 125°   | 376.4  | 378.8 |
| 127.5° | 346.3  | 347.8 |
| 130°   | 327.0  | 328.4 |
| 132.5° | 312.4  | 313.0 |
| 135°   | 302.7  | 303.4 |
| 137.5° | 294.8  | 295.3 |
| 140°   | 287.7  | 288.1 |
| 142.5° | 279.3  | 279.6 |
| 145°   | 274.4  | 274.5 |
| 147.5° | 269.9  | 270.0 |
| 150°   | 266.0  | 266.0 |
| 152.5° | 261.8  | 261.8 |
| 155°   | 259.8  | 259.7 |
| 157.5° | 259.2  | 259.0 |
| 160°   | 259.7  | 259.6 |
| 162.5° | 260.4  | 260.2 |
| 165°   | 262.0  | 261.6 |
| 167.5° | 265.1  | 265.0 |
| 170°   | 267.0  | 266.8 |
| 172.5° | 269.0  | 268.8 |
| 175°   | 269.5  | 269.4 |
| 177.5° | 271.6  | 271.4 |
| 180°   | 273.0  | 273.0 |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

Data in this report applies to families of products including EHBR-60-L830-N

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2506-472-2  
 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-L830-N**  
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with N lens

**Spectral Parameters**

CCT (K): 2983  
 CIE u': 0.2516  
 CIE v': 0.5201  
 Duv: -0.0012  
 CIE x: 0.4364  
 CIE y: 0.4010  
 CIE z: 0.1626  
 Peak Wavelength (nm): 630  
 Dominant Wavelength (nm): 583  
 Purity: 51.34918  
 Rf: 81.2  
 Rg: 101.5

|           |      |      |      |
|-----------|------|------|------|
| CRI (Ra): | 83.4 |      |      |
| R1:       | 84.0 | R9:  | 29.4 |
| R2:       | 87.5 | R10: | 68.6 |
| R3:       | 88.9 | R11: | 82.2 |
| R4:       | 83.8 | R12: | 61.6 |
| R5:       | 81.9 | R13: | 83.9 |
| R6:       | 83.1 | R14: | 92.5 |
| R7:       | 87.1 | R15: | 79.8 |
| R8:       | 70.9 |      |      |



**Test Conditions**

Stabilization Time: 38M  
 Operation Time: 1H 38M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-2

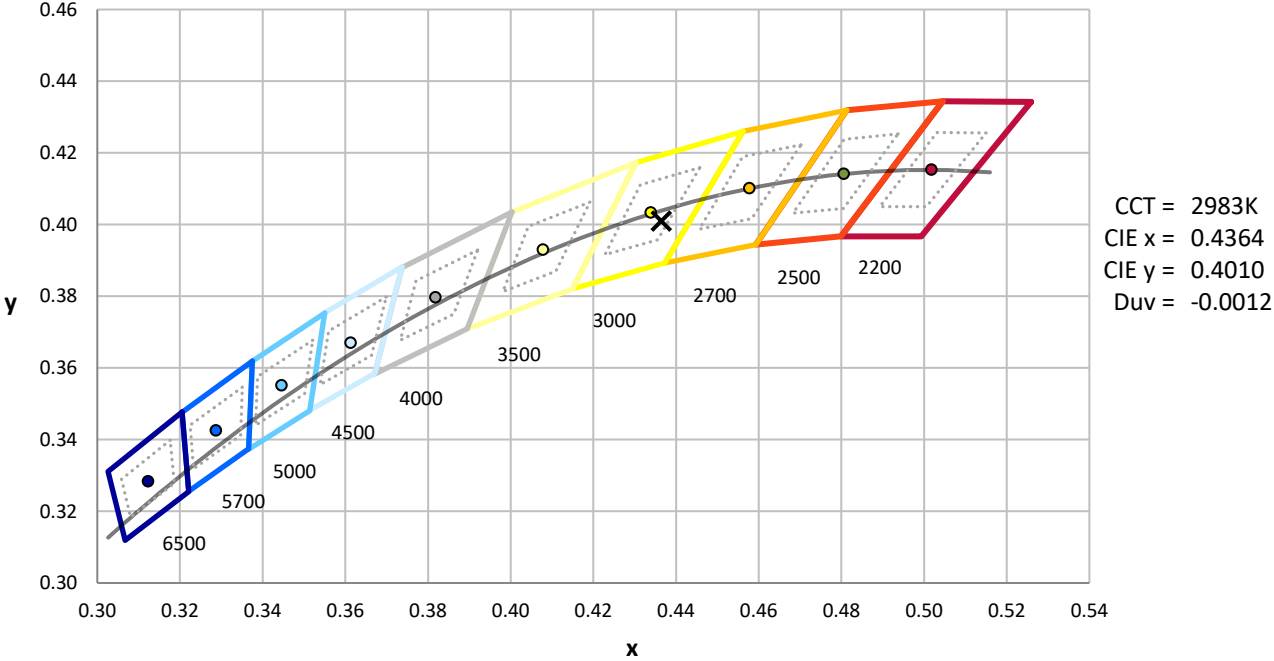
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| 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           |

REPORT NUMBER: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



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

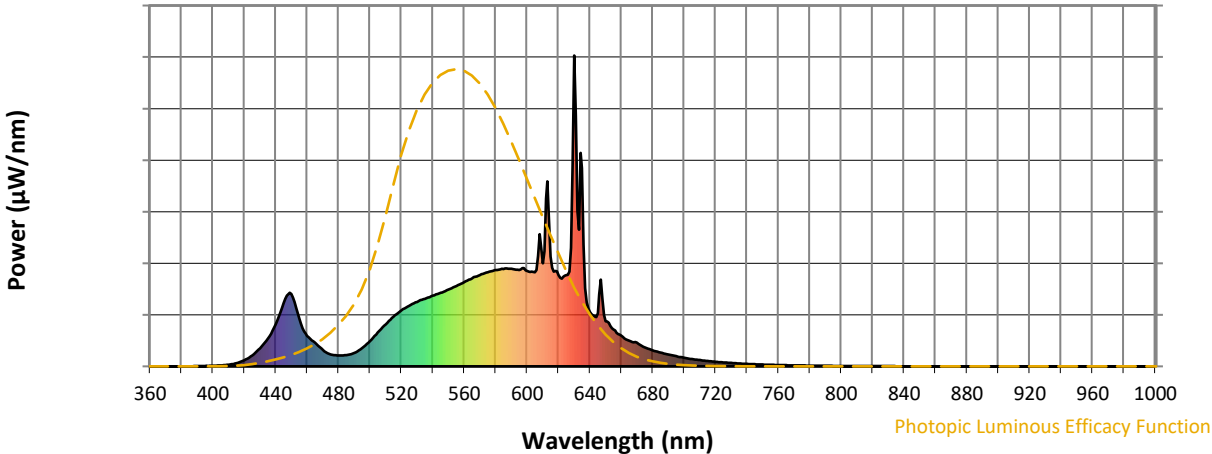


CCT = 2983K  
 CIE x = 0.4364  
 CIE y = 0.4010  
 Duv = -0.0012

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

**Photopic Flux vs. Wavelength**

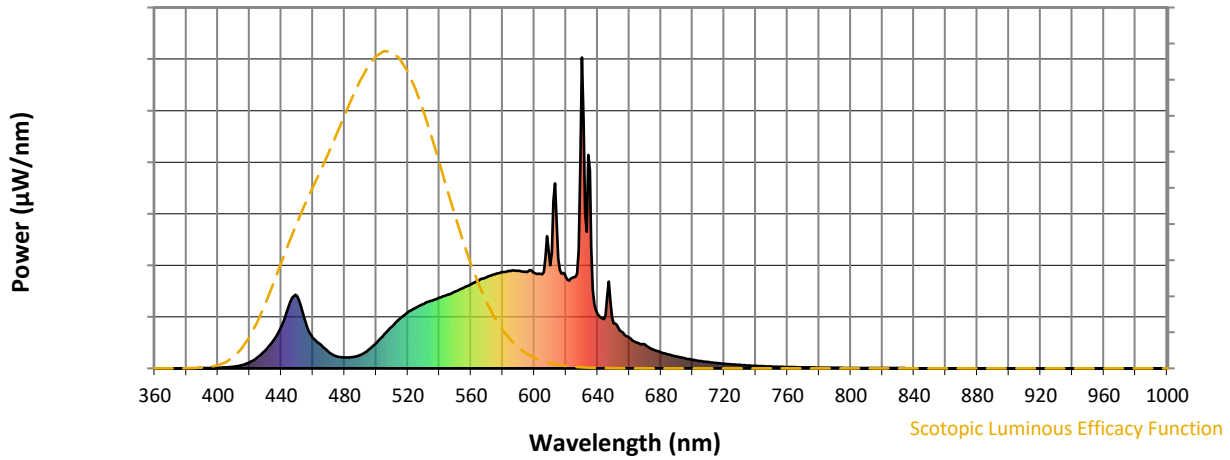


**Photopic Lumens: NR**

| 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    | 43                       | NR            | 620    | 294                      | NR            | 750    | 6                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 59                       | NR            | 625    | 294                      | NR            | 755    | 5                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 81                       | NR            | 630    | 1000                     | NR            | 760    | 4                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 109                      | NR            | 635    | 637                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 135                      | NR            | 640    | 175                      | NR            | 770    | 3                        | NR            | 900    | 0                        | NR            |
| 385    | 0                        | NR            | 515    | 160                      | NR            | 645    | 171                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 1                        | NR            | 520    | 180                      | NR            | 650    | 146                      | NR            | 780    | 2                        | NR            | 910    | 0                        | NR            |
| 395    | 1                        | NR            | 525    | 195                      | NR            | 655    | 119                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 2                        | NR            | 530    | 207                      | NR            | 660    | 99                       | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 3                        | NR            | 535    | 218                      | NR            | 665    | 82                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 5                        | NR            | 540    | 227                      | NR            | 670    | 76                       | NR            | 800    | 1                        | NR            | 930    | 0                        | NR            |
| 415    | 10                       | NR            | 545    | 237                      | NR            | 675    | 61                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 20                       | NR            | 550    | 247                      | NR            | 680    | 52                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 35                       | NR            | 555    | 259                      | NR            | 685    | 44                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 58                       | NR            | 560    | 271                      | NR            | 690    | 38                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 90                       | NR            | 565    | 283                      | NR            | 695    | 33                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 135                      | NR            | 570    | 293                      | NR            | 700    | 27                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 204                      | NR            | 575    | 303                      | NR            | 705    | 24                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 233                      | NR            | 580    | 310                      | NR            | 710    | 20                       | NR            | 840    | 0                        | NR            | 970    | 0                        | NR            |
| 455    | 153                      | NR            | 585    | 313                      | NR            | 715    | 17                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 98                       | NR            | 590    | 314                      | NR            | 720    | 15                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 76                       | NR            | 595    | 310                      | NR            | 725    | 13                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 53                       | NR            | 600    | 307                      | NR            | 730    | 11                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 39                       | NR            | 605    | 303                      | NR            | 735    | 9                        | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 35                       | NR            | 610    | 331                      | NR            | 740    | 8                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 36                       | NR            | 615    | 353                      | NR            | 745    | 7                        | NR            | 875    | 0                        | NR            |        |                          |               |

REPORT NUMBER: SP1-2506-472-2

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

| $\lambda$ (nm) | Power W <sup>^</sup> /nm | Lumens ( $\phi$ /nm) | $\lambda$ (nm) | Power W <sup>^</sup> /nm | Lumens ( $\phi$ /nm) | $\lambda$ (nm) | Power W <sup>^</sup> /nm | Lumens ( $\phi$ /nm) | $\lambda$ (nm) | Power W <sup>^</sup> /nm | Lumens ( $\phi$ /nm) | $\lambda$ (nm) | Power W <sup>^</sup> /nm | Lumens ( $\phi$ /nm) |
|----------------|--------------------------|----------------------|----------------|--------------------------|----------------------|----------------|--------------------------|----------------------|----------------|--------------------------|----------------------|----------------|--------------------------|----------------------|
| 360            | 0                        | NR                   | 490            | 43                       | NR                   | 620            | 294                      | NR                   | 750            | 6                        | NR                   | 880            | 0                        | NR                   |
| 365            | 0                        | NR                   | 495            | 59                       | NR                   | 625            | 294                      | NR                   | 755            | 5                        | NR                   | 885            | 0                        | NR                   |
| 370            | 0                        | NR                   | 500            | 81                       | NR                   | 630            | 1000                     | NR                   | 760            | 4                        | NR                   | 890            | 0                        | NR                   |
| 375            | 0                        | NR                   | 505            | 109                      | NR                   | 635            | 637                      | NR                   | 765            | 4                        | NR                   | 895            | 0                        | NR                   |
| 380            | 0                        | NR                   | 510            | 135                      | NR                   | 640            | 175                      | NR                   | 770            | 3                        | NR                   | 900            | 0                        | NR                   |
| 385            | 0                        | NR                   | 515            | 160                      | NR                   | 645            | 171                      | NR                   | 775            | 3                        | NR                   | 905            | 0                        | NR                   |
| 390            | 1                        | NR                   | 520            | 180                      | NR                   | 650            | 146                      | NR                   | 780            | 2                        | NR                   | 910            | 0                        | NR                   |
| 395            | 1                        | NR                   | 525            | 195                      | NR                   | 655            | 119                      | NR                   | 785            | 2                        | NR                   | 915            | 0                        | NR                   |
| 400            | 2                        | NR                   | 530            | 207                      | NR                   | 660            | 99                       | NR                   | 790            | 2                        | NR                   | 920            | 0                        | NR                   |
| 405            | 3                        | NR                   | 535            | 218                      | NR                   | 665            | 82                       | NR                   | 795            | 2                        | NR                   | 925            | 0                        | NR                   |
| 410            | 5                        | NR                   | 540            | 227                      | NR                   | 670            | 76                       | NR                   | 800            | 1                        | NR                   | 930            | 0                        | NR                   |
| 415            | 10                       | NR                   | 545            | 237                      | NR                   | 675            | 61                       | NR                   | 805            | 1                        | NR                   | 935            | 0                        | NR                   |
| 420            | 20                       | NR                   | 550            | 247                      | NR                   | 680            | 52                       | NR                   | 810            | 1                        | NR                   | 940            | 0                        | NR                   |
| 425            | 35                       | NR                   | 555            | 259                      | NR                   | 685            | 44                       | NR                   | 815            | 1                        | NR                   | 945            | 0                        | NR                   |
| 430            | 58                       | NR                   | 560            | 271                      | NR                   | 690            | 38                       | NR                   | 820            | 1                        | NR                   | 950            | 0                        | NR                   |
| 435            | 90                       | NR                   | 565            | 283                      | NR                   | 695            | 33                       | NR                   | 825            | 1                        | NR                   | 955            | 0                        | NR                   |
| 440            | 135                      | NR                   | 570            | 293                      | NR                   | 700            | 27                       | NR                   | 830            | 1                        | NR                   | 960            | 0                        | NR                   |
| 445            | 204                      | NR                   | 575            | 303                      | NR                   | 705            | 24                       | NR                   | 835            | 1                        | NR                   | 965            | 0                        | NR                   |
| 450            | 233                      | NR                   | 580            | 310                      | NR                   | 710            | 20                       | NR                   | 840            | 0                        | NR                   | 970            | 0                        | NR                   |
| 455            | 153                      | NR                   | 585            | 313                      | NR                   | 715            | 17                       | NR                   | 845            | 0                        | NR                   | 975            | 0                        | NR                   |
| 460            | 98                       | NR                   | 590            | 314                      | NR                   | 720            | 15                       | NR                   | 850            | 0                        | NR                   | 980            | 0                        | NR                   |
| 465            | 76                       | NR                   | 595            | 310                      | NR                   | 725            | 13                       | NR                   | 855            | 0                        | NR                   | 985            | 0                        | NR                   |
| 470            | 53                       | NR                   | 600            | 307                      | NR                   | 730            | 11                       | NR                   | 860            | 0                        | NR                   | 990            | 0                        | NR                   |
| 475            | 39                       | NR                   | 605            | 303                      | NR                   | 735            | 9                        | NR                   | 865            | 0                        | NR                   | 995            | 0                        | NR                   |
| 480            | 35                       | NR                   | 610            | 331                      | NR                   | 740            | 8                        | NR                   | 870            | 0                        | NR                   | 1000           | 0                        | NR                   |
| 485            | 36                       | NR                   | 615            | 353                      | NR                   | 745            | 7                        | NR                   | 875            | 0                        | NR                   |                |                          |                      |

REPORT NUMBER: SP1-2506-472-2

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.34**

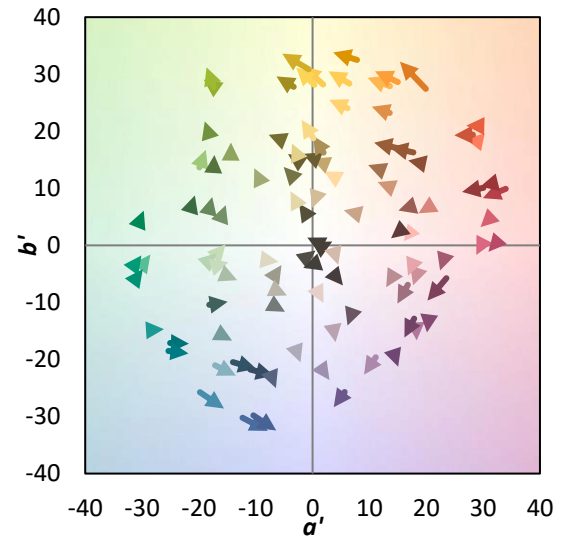
| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 43                       | NR            | 620    | 294                      | NR            | 750    | 6                        | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 59                       | NR            | 625    | 294                      | NR            | 755    | 5                        | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 81                       | NR            | 630    | 1000                     | NR            | 760    | 4                        | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 109                      | NR            | 635    | 637                      | NR            | 765    | 4                        | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 135                      | NR            | 640    | 175                      | NR            | 770    | 3                        | NR            | 900    | 0                        | NR            |
| 385    | 0                        | NR            | 515    | 160                      | NR            | 645    | 171                      | NR            | 775    | 3                        | NR            | 905    | 0                        | NR            |
| 390    | 1                        | NR            | 520    | 180                      | NR            | 650    | 146                      | NR            | 780    | 2                        | NR            | 910    | 0                        | NR            |
| 395    | 1                        | NR            | 525    | 195                      | NR            | 655    | 119                      | NR            | 785    | 2                        | NR            | 915    | 0                        | NR            |
| 400    | 2                        | NR            | 530    | 207                      | NR            | 660    | 99                       | NR            | 790    | 2                        | NR            | 920    | 0                        | NR            |
| 405    | 3                        | NR            | 535    | 218                      | NR            | 665    | 82                       | NR            | 795    | 2                        | NR            | 925    | 0                        | NR            |
| 410    | 5                        | NR            | 540    | 227                      | NR            | 670    | 76                       | NR            | 800    | 1                        | NR            | 930    | 0                        | NR            |
| 415    | 10                       | NR            | 545    | 237                      | NR            | 675    | 61                       | NR            | 805    | 1                        | NR            | 935    | 0                        | NR            |
| 420    | 20                       | NR            | 550    | 247                      | NR            | 680    | 52                       | NR            | 810    | 1                        | NR            | 940    | 0                        | NR            |
| 425    | 35                       | NR            | 555    | 259                      | NR            | 685    | 44                       | NR            | 815    | 1                        | NR            | 945    | 0                        | NR            |
| 430    | 58                       | NR            | 560    | 271                      | NR            | 690    | 38                       | NR            | 820    | 1                        | NR            | 950    | 0                        | NR            |
| 435    | 90                       | NR            | 565    | 283                      | NR            | 695    | 33                       | NR            | 825    | 1                        | NR            | 955    | 0                        | NR            |
| 440    | 135                      | NR            | 570    | 293                      | NR            | 700    | 27                       | NR            | 830    | 1                        | NR            | 960    | 0                        | NR            |
| 445    | 204                      | NR            | 575    | 303                      | NR            | 705    | 24                       | NR            | 835    | 1                        | NR            | 965    | 0                        | NR            |
| 450    | 233                      | NR            | 580    | 310                      | NR            | 710    | 20                       | NR            | 840    | 0                        | NR            | 970    | 0                        | NR            |
| 455    | 153                      | NR            | 585    | 313                      | NR            | 715    | 17                       | NR            | 845    | 0                        | NR            | 975    | 0                        | NR            |
| 460    | 98                       | NR            | 590    | 314                      | NR            | 720    | 15                       | NR            | 850    | 0                        | NR            | 980    | 0                        | NR            |
| 465    | 76                       | NR            | 595    | 310                      | NR            | 725    | 13                       | NR            | 855    | 0                        | NR            | 985    | 0                        | NR            |
| 470    | 53                       | NR            | 600    | 307                      | NR            | 730    | 11                       | NR            | 860    | 0                        | NR            | 990    | 0                        | NR            |
| 475    | 39                       | NR            | 605    | 303                      | NR            | 735    | 9                        | NR            | 865    | 0                        | NR            | 995    | 0                        | NR            |
| 480    | 35                       | NR            | 610    | 331                      | NR            | 740    | 8                        | NR            | 870    | 0                        | NR            | 1000   | 0                        | NR            |
| 485    | 36                       | NR            | 615    | 353                      | NR            | 745    | 7                        | NR            | 875    | 0                        | NR            |        |                          |               |

**Summary**

$R_f = 81.2$   
 $R_g = 101.5$   
 CIE  $R_a = 83.4$   
 $R_9 = 29.4$



**Color Vector Graphics**

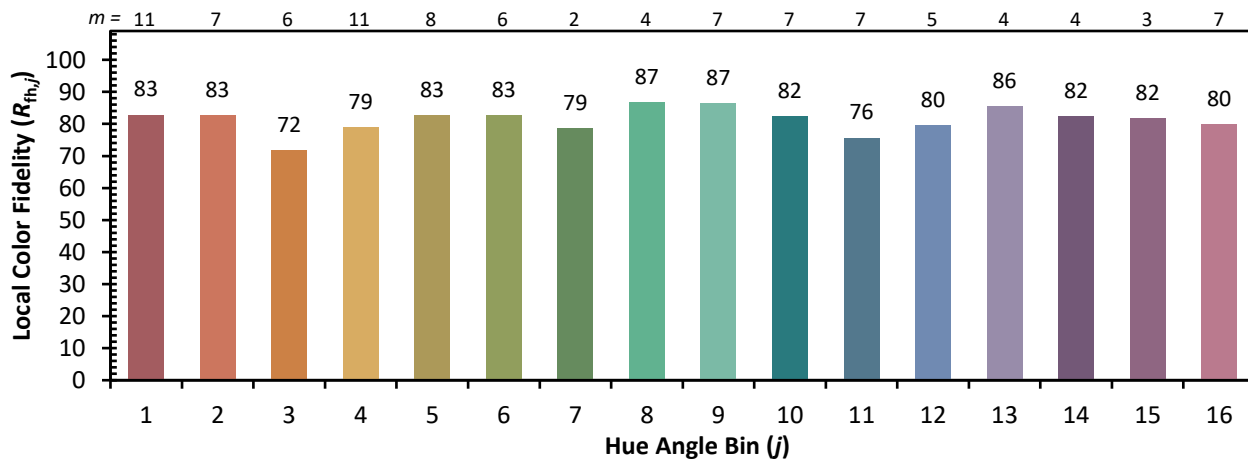
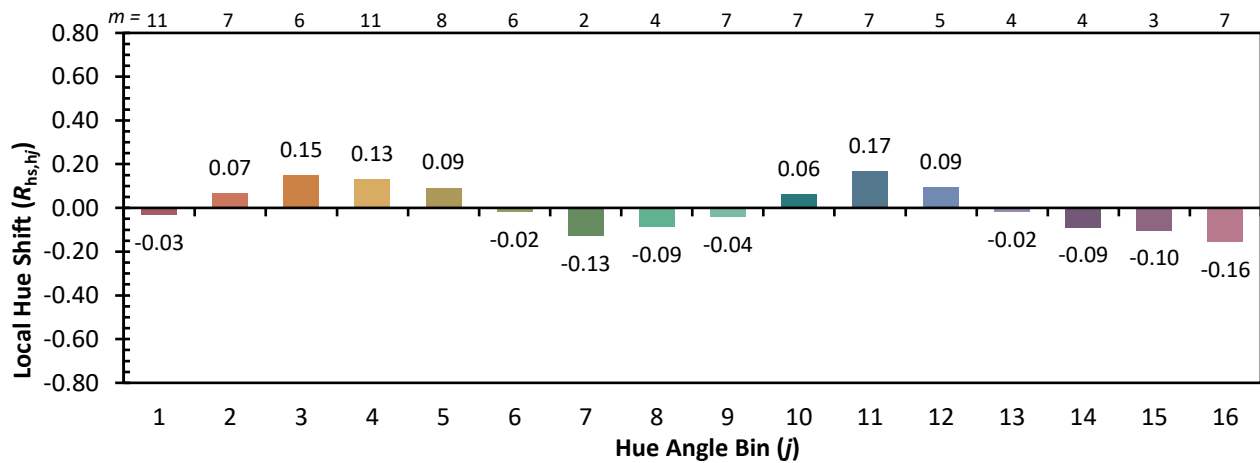
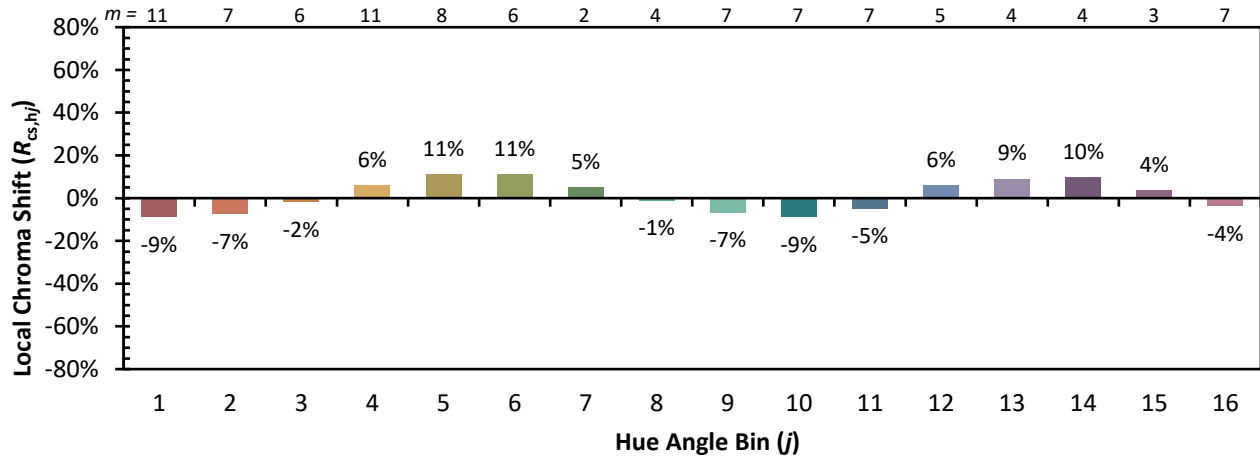


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

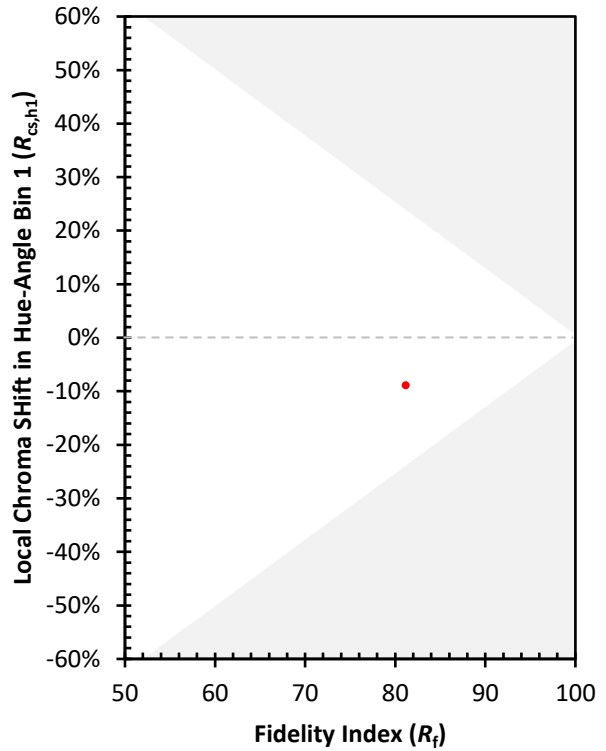
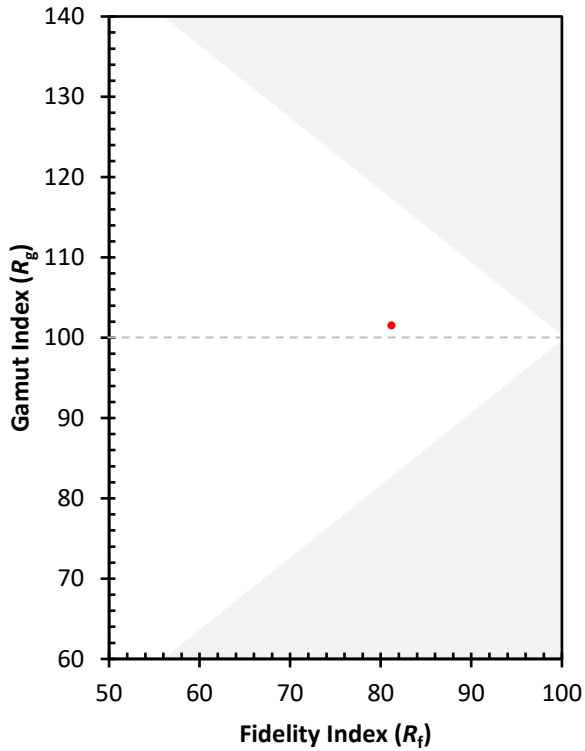
|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 71 | CES51 = 89 | CES76 = 65 |
| CES02 = 63 | CES27 = 89 | CES52 = 89 | CES77 = 82 |
| CES03 = 31 | CES28 = 86 | CES53 = 80 | CES78 = 67 |
| CES04 = 70 | CES29 = 68 | CES54 = 92 | CES79 = 89 |
| CES05 = 50 | CES30 = 77 | CES55 = 90 | CES80 = 85 |
| CES06 = 51 | CES31 = 70 | CES56 = 81 | CES81 = 75 |
| CES07 = 43 | CES32 = 64 | CES57 = 79 | CES82 = 93 |
| CES08 = 41 | CES33 = 74 | CES58 = 81 | CES83 = 89 |
| CES09 = 29 | CES34 = 76 | CES59 = 92 | CES84 = 91 |
| CES10 = 76 | CES35 = 87 | CES60 = 96 | CES85 = 81 |
| CES11 = 59 | CES36 = 99 | CES61 = 91 | CES86 = 74 |
| CES12 = 65 | CES37 = 81 | CES62 = 93 | CES87 = 83 |
| CES13 = 44 | CES38 = 83 | CES63 = 79 | CES88 = 86 |
| CES14 = 74 | CES39 = 94 | CES64 = 81 | CES89 = 74 |
| CES15 = 72 | CES40 = 89 | CES65 = 78 | CES90 = 85 |
| CES16 = 48 | CES41 = 88 | CES66 = 76 | CES91 = 87 |
| CES17 = 50 | CES42 = 80 | CES67 = 74 | CES92 = 73 |
| CES18 = 57 | CES43 = 75 | CES68 = 79 | CES93 = 84 |
| CES19 = 72 | CES44 = 99 | CES69 = 83 | CES94 = 64 |
| CES20 = 67 | CES45 = 83 | CES70 = 72 | CES95 = 80 |
| CES21 = 87 | CES46 = 82 | CES71 = 70 | CES96 = 86 |
| CES22 = 79 | CES47 = 79 | CES72 = 90 | CES97 = 85 |
| CES23 = 92 | CES48 = 78 | CES73 = 65 | CES98 = 83 |
| CES24 = 91 | CES49 = 79 | CES74 = 94 | CES99 = 82 |
| CES25 = 72 | CES50 = 88 | CES75 = 70 |            |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)