

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: P1444628

Luminaire Tested: EHBR1-54-UNV-TA-L850-UPL18

Issue Date: 5/1/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1444628  
REPORT IS A COMBINATION OF REPORTS P1444325 AND P1431635  
Test Lab: INNOVATION CENTER  
Issue Date: 5/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: EHBR1-54-UNV-TA-L850-UPL18  
Description: Elevate Round Highbay at, 54000 lumens, 5000K 80CRI LEDs with TA lens  
Light Source: -  
Ballast/Driver: -

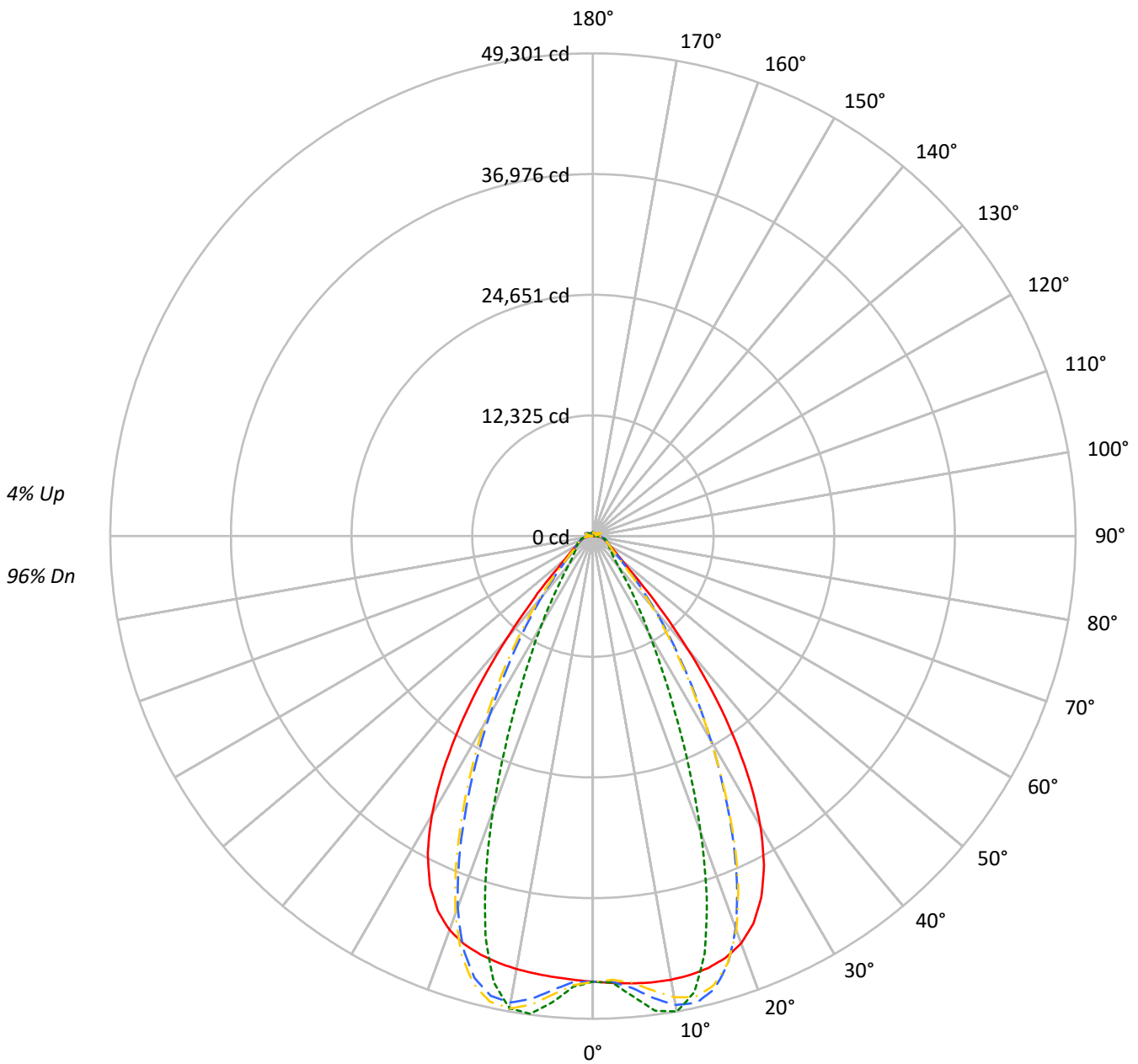
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 54500.7 lumens  
Efficiency: N/A  
Efficacy: 177.0 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): 307.9  
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: P1444628  
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

### Luminous Intensity Polar Plot



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



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**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 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 103 | 103 | 103 | 98 | 98 | 98 | 98 | 98 | 98 | 96 |
| 1   | 111 | 108 | 105 | 102 | 108 | 105 | 102 | 100 | 100 | 98  | 96  | 96  | 94  | 92  | 92 | 90 | 89 | 89 | 89 | 89 | 87 |
| 2   | 104 | 98  | 93  | 89  | 102 | 96  | 92  | 88  | 92  | 89  | 85  | 89  | 86  | 83  | 85 | 83 | 81 | 81 | 81 | 81 | 79 |
| 3   | 98  | 90  | 84  | 80  | 95  | 89  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 75  | 79 | 76 | 74 | 74 | 74 | 74 | 72 |
| 4   | 92  | 83  | 77  | 72  | 90  | 82  | 76  | 71  | 79  | 74  | 70  | 77  | 72  | 69  | 74 | 71 | 68 | 68 | 68 | 68 | 66 |
| 5   | 87  | 77  | 71  | 66  | 85  | 76  | 70  | 65  | 74  | 68  | 64  | 72  | 67  | 63  | 70 | 66 | 62 | 62 | 62 | 62 | 61 |
| 6   | 82  | 72  | 65  | 60  | 80  | 71  | 64  | 60  | 69  | 63  | 59  | 67  | 62  | 58  | 65 | 61 | 58 | 58 | 58 | 58 | 56 |
| 7   | 77  | 67  | 60  | 56  | 76  | 66  | 60  | 55  | 64  | 59  | 55  | 63  | 58  | 54  | 61 | 57 | 54 | 54 | 54 | 54 | 52 |
| 8   | 73  | 63  | 56  | 52  | 72  | 62  | 56  | 51  | 61  | 55  | 51  | 59  | 54  | 50  | 58 | 53 | 50 | 50 | 50 | 50 | 48 |
| 9   | 70  | 59  | 52  | 48  | 68  | 58  | 52  | 48  | 57  | 51  | 47  | 56  | 51  | 47  | 55 | 50 | 47 | 47 | 47 | 47 | 45 |
| 10  | 66  | 55  | 49  | 45  | 65  | 55  | 49  | 45  | 54  | 48  | 44  | 53  | 48  | 44  | 52 | 47 | 44 | 44 | 44 | 44 | 42 |

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

|     | 0°     | 90°    | 180°   | 270°   |
|-----|--------|--------|--------|--------|
| 0°  | 213716 | 213716 | 213716 | 213716 |
| 5°  | 214750 | 221012 | 211744 | 223907 |
| 10° | 216543 | 232046 | 211350 | 230510 |
| 15° | 217605 | 210348 | 210980 | 201878 |
| 20° | 215355 | 156702 | 208307 | 144986 |
| 25° | 203843 | 99105  | 197106 | 89920  |
| 30° | 178072 | 59555  | 171174 | 54427  |
| 35° | 137045 | 37371  | 129162 | 33104  |
| 40° | 86693  | 23442  | 79317  | 22028  |
| 45° | 44683  | 18263  | 43943  | 17963  |
| 50° | 26198  | 16245  | 25394  | 15991  |
| 55° | 20070  | 15369  | 19327  | 15230  |
| 60° | 16982  | 15699  | 16259  | 15496  |
| 65° | 15951  | 16394  | 15340  | 15836  |
| 70° | 15583  | 17167  | 14807  | 16521  |
| 75° | 16662  | 18206  | 15762  | 17403  |
| 80° | 17241  | 20161  | 15633  | 18403  |
| 85° | 16238  | 19450  | 13122  | 16657  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 25°  
 Vertical Angle: 45°  
 Luminance: 68382 cd/sqm



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 4485.0  | 8.2       |
| 10°-20°   | 12616.8 | 23.1      |
| 20°-30°   | 14369.6 | 26.4      |
| 30°-40°   | 10328.2 | 19.0      |
| 40°-50°   | 4763.4  | 8.7       |
| 50°-60°   | 2279.5  | 4.2       |
| 60°-70°   | 1663.2  | 3.1       |
| 70°-80°   | 1263.6  | 2.3       |
| 80°-90°   | 577.9   | 1.1       |
| 90°-100°  | 66.3    | 0.1       |
| 100°-110° | 329.4   | 0.6       |
| 110°-120° | 607.4   | 1.1       |
| 120°-130° | 385.2   | 0.7       |
| 130°-140° | 265.2   | 0.5       |
| 140°-150° | 210.8   | 0.4       |
| 150°-160° | 156.0   | 0.3       |
| 160°-170° | 98.6    | 0.2       |
| 170°-180° | 34.6    | 0.1       |
| 0°-30°    | 31471.5 | 57.7      |
| 0°-40°    | 41799.7 | 76.7      |
| 0°-60°    | 48842.5 | 89.6      |
| 0°-90°    | 52347.2 | 96.0      |
| 90°-120°  | 1003.1  | 1.8       |
| 90°-150°  | 1864.3  | 3.4       |
| 90°-180°  | 2153.0  | 4.0       |
| 0°-180°   | 54500.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°    | 90°   | 180°  | 270°  | 360°  | Flux  |
|------|-------|-------|-------|-------|-------|-------|
| 0°   | 45509 | 45509 | 45509 | 45509 | 45509 |       |
| 5°   | 45853 | 47190 | 45211 | 47808 | 45853 | 4382  |
| 15°  | 45652 | 44130 | 44262 | 42353 | 45652 | 12863 |
| 25°  | 40707 | 19791 | 39362 | 17957 | 40707 | 18453 |
| 35°  | 25153 | 6859  | 23706 | 6076  | 25153 | 15437 |
| 45°  | 7230  | 2955  | 7110  | 2906  | 7230  | 6149  |
| 55°  | 2712  | 2077  | 2612  | 2058  | 2712  | 2504  |
| 65°  | 1665  | 1711  | 1601  | 1653  | 1665  | 1663  |
| 75°  | 1174  | 1282  | 1110  | 1226  | 1174  | 1221  |
| 85°  | 558   | 668   | 451   | 572   | 558   | 524   |
| 90°  | 139   | 180   | 32    | 42    | 139   | 89    |
| 95°  | 30    | 33    | 30    | 33    | 30    | 28    |
| 105° | 124   | 155   | 86    | 156   | 124   | 162   |
| 115° | 535   | 637   | 561   | 638   | 535   | 496   |
| 125° | 422   | 423   | 475   | 425   | 422   | 384   |
| 135° | 358   | 300   | 383   | 305   | 358   | 279   |
| 145° | 341   | 315   | 360   | 322   | 341   | 215   |
| 155° | 334   | 327   | 353   | 333   | 334   | 155   |
| 165° | 347   | 341   | 358   | 345   | 347   | 98    |
| 175° | 363   | 365   | 368   | 366   | 363   | 35    |
| 180° | 368   | 368   | 368   | 368   | 368   |       |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45683.0 | 45679.3 | 45678.7 | 45675.5 | 45674.6 | 45674.6 | 45673.1 | 45669.4 | 45667.0 | 45661.8 | 45655.9 |
| 5°     | 45852.6 | 45850.5 | 45851.7 | 45852.1 | 45848.8 | 45841.8 | 45830.7 | 45817.0 | 45799.7 | 45783.6 | 45769.1 |
| 7.5°   | 45983.6 | 45986.8 | 45990.9 | 45990.0 | 45980.1 | 45963.4 | 45940.6 | 45927.8 | 45935.4 | 45960.1 | 46016.8 |
| 10°    | 46007.6 | 46027.1 | 46034.7 | 46032.3 | 46012.5 | 45998.1 | 46003.6 | 46051.9 | 46147.8 | 46275.9 | 46451.0 |
| 12.5°  | 45914.3 | 45938.2 | 45937.3 | 45929.5 | 45910.2 | 45929.8 | 45999.6 | 46143.1 | 46348.9 | 46601.5 | 46897.6 |
| 15°    | 45652.4 | 45683.4 | 45674.6 | 45664.4 | 45651.5 | 45715.7 | 45855.2 | 46104.5 | 46422.3 | 46778.4 | 47142.8 |
| 17.5°  | 45143.8 | 45181.3 | 45163.1 | 45151.4 | 45140.6 | 45261.0 | 45500.7 | 45865.7 | 46265.9 | 46668.7 | 47014.1 |
| 20°    | 44261.8 | 44286.8 | 44243.5 | 44223.1 | 44240.3 | 44476.3 | 44829.2 | 45295.4 | 45717.3 | 46098.1 | 46334.3 |
| 22.5°  | 42822.2 | 42853.4 | 42771.9 | 42762.5 | 42863.0 | 43225.5 | 43672.1 | 44193.2 | 44589.6 | 44891.5 | 44982.5 |
| 25°    | 40707.2 | 40737.8 | 40641.1 | 40698.9 | 40870.0 | 41363.6 | 41895.6 | 42453.0 | 42791.2 | 43014.8 | 42953.1 |
| 27.5°  | 37852.4 | 37880.4 | 37788.6 | 37906.7 | 38177.0 | 38825.7 | 39451.8 | 40056.4 | 40357.9 | 40514.6 | 40316.0 |
| 30°    | 34252.0 | 34310.1 | 34201.7 | 34366.5 | 34779.1 | 35621.3 | 36338.6 | 37016.7 | 37317.3 | 37436.5 | 37127.5 |
| 32.5°  | 29975.7 | 30058.5 | 29939.0 | 30184.1 | 30760.0 | 31771.6 | 32586.4 | 33344.0 | 33676.4 | 33812.6 | 33463.6 |
| 35°    | 25152.6 | 25271.4 | 25134.2 | 25502.2 | 26212.5 | 27339.0 | 28241.3 | 29087.1 | 29480.8 | 29673.7 | 29322.1 |
| 37.5°  | 20042.8 | 20156.0 | 20081.8 | 20572.7 | 21352.7 | 22520.3 | 23441.4 | 24353.8 | 24798.4 | 25088.0 | 24810.8 |
| 40°    | 15026.1 | 15129.6 | 15185.8 | 15747.3 | 16480.9 | 17581.4 | 18466.0 | 19368.9 | 19866.2 | 20229.7 | 20058.7 |
| 42.5°  | 10605.5 | 10709.9 | 10900.8 | 11442.6 | 12054.3 | 12965.3 | 13723.0 | 14533.6 | 15008.7 | 15396.5 | 15330.5 |
| 45°    | 7229.6  | 7350.8  | 7590.0  | 8033.6  | 8476.0  | 9129.5  | 9686.0  | 10316.4 | 10704.5 | 11059.7 | 11063.9 |
| 47.5°  | 5066.1  | 5151.3  | 5365.0  | 5667.9  | 5956.3  | 6774.5  | 6808.1  | 7117.9  | 7378.8  | 7644.3  | 7678.7  |
| 50°    | 3904.4  | 3955.6  | 4069.0  | 4237.8  | 4401.2  | 4613.6  | 4808.1  | 5032.5  | 5193.1  | 5338.7  | 5373.5  |
| 52.5°  | 3209.1  | 3241.7  | 3299.4  | 3390.8  | 3485.6  | 3601.1  | 3705.2  | 3828.4  | 3915.9  | 3993.7  | 4010.2  |
| 55°    | 2712.3  | 2739.3  | 2825.1  | 2842.4  | 2951.0  | 2971.8  | 3018.1  | 3093.1  | 3143.9  | 3190.5  | 3202.2  |
| 57.5°  | 2337.3  | 2356.9  | 2375.1  | 2414.0  | 2447.4  | 2496.1  | 2535.2  | 2589.0  | 2621.0  | 2654.7  | 2657.7  |
| 60°    | 2041.5  | 2055.6  | 2068.7  | 2095.6  | 2118.4  | 2152.2  | 2179.1  | 2215.7  | 2238.6  | 2264.0  | 2266.8  |
| 62.5°  | 1821.3  | 1831.5  | 1840.1  | 1858.0  | 1874.2  | 1900.1  | 1921.5  | 1952.1  | 1973.5  | 1993.0  | 1997.5  |
| 65°    | 1664.9  | 1672.3  | 1677.8  | 1691.4  | 1705.5  | 1727.6  | 1747.0  | 1771.9  | 1787.6  | 1802.7  | 1805.8  |
| 67.5°  | 1526.3  | 1533.3  | 1539.0  | 1551.3  | 1561.1  | 1577.6  | 1590.7  | 1609.4  | 1621.2  | 1633.1  | 1633.5  |
| 70°    | 1367.3  | 1373.9  | 1378.3  | 1389.8  | 1397.7  | 1411.8  | 1422.3  | 1439.2  | 1451.3  | 1464.7  | 1468.0  |
| 72.5°  | 1257.4  | 1261.2  | 1267.1  | 1277.6  | 1288.6  | 1303.8  | 1317.7  | 1335.3  | 1349.9  | 1363.8  | 1369.7  |
| 75°    | 1173.7  | 1178.2  | 1182.2  | 1191.1  | 1198.7  | 1211.5  | 1222.0  | 1238.0  | 1250.8  | 1265.7  | 1272.9  |
| 77.5°  | 1053.0  | 1058.2  | 1061.5  | 1070.5  | 1077.1  | 1089.3  | 1097.1  | 1111.4  | 1122.0  | 1135.4  | 1142.0  |
| 80°    | 907.0   | 911.9   | 914.3   | 922.8   | 928.0   | 939.3   | 946.9   | 960.7   | 969.5   | 983.0   | 990.9   |
| 82.5°  | 745.4   | 750.1   | 751.3   | 759.3   | 762.1   | 771.5   | 777.0   | 791.2   | 802.0   | 819.5   | 831.7   |
| 85°    | 558.1   | 559.8   | 562.5   | 560.5   | 571.8   | 572.5   | 585.2   | 587.6   | 604.5   | 608.9   | 628.1   |
| 87.5°  | 341.2   | 346.3   | 348.8   | 356.6   | 359.9   | 367.7   | 370.0   | 378.3   | 382.9   | 392.3   | 396.7   |
| 90°    | 139.4   | 146.9   | 149.1   | 157.9   | 159.9   | 167.9   | 169.4   | 178.2   | 180.4   | 189.6   | 192.6   |
| 92.5°  | 26.7    | 28.2    | 29.6    | 31.4    | 32.9    | 35.4    | 37.3    | 39.1    | 40.7    | 43.0    | 46.2    |
| 95°    | 29.9    | 31.5    | 33.2    | 34.9    | 36.5    | 38.3    | 40.0    | 41.6    | 43.3    | 45.0    | 49.7    |
| 97.5°  | 36.9    | 38.4    | 39.9    | 41.3    | 42.7    | 44.2    | 45.7    | 47.1    | 48.5    | 49.9    | 55.7    |
| 100°   | 47.1    | 48.4    | 49.6    | 50.9    | 52.1    | 53.3    | 54.5    | 55.8    | 57.0    | 58.2    | 69.0    |
| 102.5° | 75.2    | 79.6    | 84.0    | 88.3    | 92.6    | 96.9    | 101.4   | 105.5   | 109.9   | 114.2   | 137.0   |
| 105°   | 123.8   | 135.5   | 147.5   | 159.1   | 171.0   | 182.9   | 194.8   | 206.2   | 218.1   | 229.9   | 267.2   |
| 107.5° | 207.0   | 228.7   | 250.6   | 272.6   | 294.5   | 316.3   | 338.2   | 360.0   | 381.7   | 403.3   | 441.2   |
| 110°   | 375.8   | 393.1   | 410.8   | 428.4   | 445.9   | 463.4   | 480.9   | 498.1   | 515.8   | 533.2   | 560.7   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 505.0 | 512.7 | 520.6 | 528.6 | 536.4 | 544.0 | 551.8 | 559.6 | 567.5 | 575.0 | 594.6 |
| 115°   | 535.2 | 537.8 | 540.5 | 543.0 | 545.8 | 548.1 | 550.7 | 553.1 | 555.7 | 557.9 | 571.1 |
| 117.5° | 524.2 | 523.5 | 522.7 | 522.1 | 521.0 | 520.2 | 519.3 | 518.3 | 517.3 | 516.3 | 523.6 |
| 120°   | 494.7 | 491.8 | 489.2 | 486.2 | 483.4 | 480.3 | 477.6 | 474.5 | 471.4 | 468.2 | 471.1 |
| 122.5° | 456.7 | 453.3 | 450.3 | 446.6 | 443.3 | 439.5 | 436.2 | 432.2 | 428.8 | 425.1 | 425.6 |
| 125°   | 422.3 | 418.7 | 415.7 | 412.1 | 408.3 | 404.6 | 401.0 | 397.1 | 393.3 | 389.4 | 389.3 |
| 127.5° | 393.3 | 390.8 | 388.4 | 385.3 | 382.6 | 379.7 | 376.7 | 373.5 | 370.7 | 367.3 | 366.8 |
| 130°   | 376.8 | 374.5 | 372.1 | 369.3 | 366.8 | 363.8 | 360.9 | 357.8 | 355.1 | 351.9 | 351.3 |
| 132.5° | 364.4 | 362.8 | 360.8 | 358.6 | 356.5 | 353.7 | 351.6 | 348.7 | 346.4 | 343.8 | 343.2 |
| 135°   | 358.0 | 356.2 | 354.6 | 352.5 | 350.5 | 347.8 | 345.4 | 342.8 | 340.5 | 337.7 | 337.3 |
| 137.5° | 353.2 | 351.7 | 350.0 | 347.8 | 345.9 | 343.3 | 341.1 | 338.5 | 336.1 | 333.6 | 333.0 |
| 140°   | 349.1 | 347.5 | 345.9 | 343.8 | 341.9 | 339.9 | 337.5 | 335.2 | 332.7 | 330.2 | 329.9 |
| 142.5° | 343.4 | 341.8 | 340.7 | 338.8 | 337.2 | 335.1 | 333.1 | 330.7 | 328.9 | 326.5 | 326.5 |
| 145°   | 340.8 | 339.6 | 338.4 | 336.9 | 335.2 | 333.2 | 331.4 | 329.3 | 327.5 | 325.5 | 325.5 |
| 147.5° | 338.6 | 337.5 | 336.7 | 335.2 | 334.0 | 332.1 | 330.5 | 328.6 | 327.0 | 325.3 | 325.5 |
| 150°   | 336.7 | 335.8 | 335.0 | 333.7 | 332.3 | 330.7 | 329.3 | 327.6 | 326.0 | 324.3 | 324.5 |
| 152.5° | 334.2 | 333.1 | 332.3 | 331.1 | 329.8 | 328.1 | 327.0 | 325.3 | 323.9 | 322.3 | 322.4 |
| 155°   | 334.3 | 333.2 | 332.2 | 331.0 | 329.8 | 328.5 | 327.1 | 325.6 | 324.4 | 322.9 | 322.9 |
| 157.5° | 335.9 | 334.9 | 334.1 | 332.8 | 332.0 | 330.6 | 329.6 | 328.3 | 327.2 | 326.0 | 325.8 |
| 160°   | 339.3 | 338.3 | 337.4 | 336.1 | 335.1 | 333.8 | 332.9 | 331.5 | 330.7 | 329.5 | 329.3 |
| 162.5° | 342.8 | 341.7 | 340.8 | 339.7 | 338.7 | 337.3 | 336.4 | 335.4 | 334.5 | 333.2 | 333.2 |
| 165°   | 346.9 | 346.4 | 345.5 | 344.6 | 343.8 | 342.9 | 342.1 | 341.0 | 340.3 | 339.2 | 339.2 |
| 167.5° | 353.2 | 352.2 | 351.7 | 350.8 | 349.8 | 348.9 | 348.0 | 347.0 | 346.4 | 345.4 | 345.3 |
| 170°   | 357.4 | 356.5 | 356.0 | 355.5 | 354.8 | 354.1 | 353.6 | 352.9 | 352.2 | 351.6 | 351.6 |
| 172.5° | 361.0 | 360.3 | 360.0 | 359.7 | 359.0 | 358.6 | 358.1 | 357.6 | 357.4 | 356.7 | 357.0 |
| 175°   | 362.9 | 362.4 | 362.3 | 361.9 | 361.6 | 361.2 | 361.1 | 360.7 | 360.7 | 360.2 | 360.2 |
| 177.5° | 365.7 | 365.6 | 365.6 | 365.4 | 365.4 | 365.2 | 365.0 | 364.7 | 364.5 | 364.5 | 364.6 |
| 180°   | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°     | 42.5°   | 45°     | 47.5°   | 50°     | 52.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45651.5 | 45645.9 | 45638.3 | 45628.7 | 45620.5 | 45610.8 | 45588.0 | 45581.4 | 45588.9 | 45594.0 | 45604.4 |
| 5°     | 45759.9 | 45763.2 | 45764.4 | 45785.1 | 45803.0 | 45847.7 | 46197.8 | 46336.9 | 46444.6 | 46512.9 | 46616.6 |
| 7.5°   | 46087.0 | 46192.2 | 46296.3 | 46436.3 | 46557.1 | 46720.1 | 47332.8 | 47593.5 | 47778.8 | 47912.1 | 48076.0 |
| 10°    | 46641.2 | 46870.9 | 47086.3 | 47338.7 | 47555.5 | 47804.0 | 48374.2 | 48628.2 | 48788.6 | 48905.3 | 49014.3 |
| 12.5°  | 47199.5 | 47518.1 | 47806.0 | 48086.9 | 48321.6 | 48536.9 | 48737.5 | 48826.4 | 48834.0 | 48837.7 | 48779.9 |
| 15°    | 47490.2 | 47794.8 | 48048.5 | 48234.2 | 48372.2 | 48433.2 | 48088.0 | 47906.9 | 47677.9 | 47489.4 | 47179.2 |
| 17.5°  | 47306.7 | 47489.4 | 47599.1 | 47588.2 | 47531.3 | 47340.3 | 46362.4 | 45824.6 | 45290.6 | 44809.4 | 44178.4 |
| 20°    | 46490.9 | 46476.9 | 46381.6 | 46111.6 | 45786.3 | 45280.3 | 43603.7 | 42636.5 | 41701.3 | 40879.9 | 39883.5 |
| 22.5°  | 44973.1 | 44734.3 | 44401.3 | 43819.1 | 43172.3 | 42288.4 | 39885.8 | 38463.0 | 37161.1 | 36010.9 | 34722.6 |
| 25°    | 42773.9 | 42282.7 | 41668.5 | 40744.2 | 39739.1 | 38449.8 | 35488.5 | 33718.8 | 32155.7 | 30799.9 | 29313.4 |
| 27.5°  | 39959.5 | 39219.4 | 38319.4 | 37040.1 | 35678.3 | 34026.6 | 30743.6 | 28790.5 | 27112.5 | 25659.0 | 24076.7 |
| 30°    | 36627.4 | 35664.9 | 34502.7 | 32915.0 | 31272.4 | 29399.0 | 26069.3 | 24091.1 | 22392.6 | 20897.3 | 19313.9 |
| 32.5°  | 32861.8 | 31734.5 | 30372.7 | 28590.6 | 26814.2 | 24888.2 | 21672.4 | 19757.6 | 18135.1 | 16696.6 | 15263.4 |
| 35°    | 28708.7 | 27499.7 | 26059.0 | 24241.4 | 22475.6 | 20603.0 | 17652.3 | 15925.8 | 14493.0 | 13221.5 | 12064.2 |
| 37.5°  | 24253.6 | 23066.6 | 21697.3 | 19984.2 | 18346.8 | 16649.8 | 14103.8 | 12657.1 | 11454.7 | 10399.4 | 9505.8  |
| 40°    | 19621.7 | 18582.8 | 17398.0 | 15917.0 | 14519.6 | 13106.4 | 11016.5 | 9868.1  | 8919.2  | 8114.3  | 7444.8  |
| 42.5°  | 15046.3 | 14241.4 | 13332.8 | 12162.4 | 11093.1 | 10017.0 | 8408.5  | 7557.6  | 6854.7  | 6275.4  | 5802.0  |
| 45°    | 10916.7 | 10378.2 | 9768.8  | 8955.1  | 8215.2  | 7464.6  | 6319.8  | 5721.9  | 5264.1  | 4890.6  | 4574.7  |
| 47.5°  | 7631.3  | 7319.0  | 7299.9  | 6548.0  | 6005.4  | 5546.4  | 4808.9  | 4431.3  | 4150.8  | 3924.4  | 3724.4  |
| 50°    | 5359.2  | 5208.1  | 5020.4  | 4752.1  | 4500.2  | 4240.9  | 3791.5  | 3563.1  | 3398.9  | 3261.8  | 3135.2  |
| 52.5°  | 4006.4  | 3927.9  | 3827.9  | 3685.6  | 3549.2  | 3403.3  | 3118.9  | 2973.6  | 2921.9  | 2794.2  | 2694.0  |
| 55°    | 3200.1  | 3155.0  | 3098.2  | 3014.5  | 2931.5  | 2898.3  | 2654.6  | 2546.7  | 2478.3  | 2427.9  | 2374.1  |
| 57.5°  | 2658.1  | 2624.5  | 2590.9  | 2534.2  | 2486.0  | 2427.9  | 2298.5  | 2243.2  | 2202.6  | 2172.9  | 2135.6  |
| 60°    | 2267.3  | 2247.3  | 2228.4  | 2195.1  | 2169.2  | 2137.8  | 2055.6  | 2024.5  | 2003.2  | 1985.3  | 1961.5  |
| 62.5°  | 2001.2  | 1990.9  | 1981.1  | 1963.4  | 1950.2  | 1933.2  | 1877.0  | 1862.0  | 1851.4  | 1842.5  | 1827.9  |
| 65°    | 1809.1  | 1801.7  | 1796.3  | 1784.4  | 1777.8  | 1767.9  | 1719.7  | 1709.6  | 1703.0  | 1699.7  | 1691.4  |
| 67.5°  | 1634.5  | 1626.8  | 1623.2  | 1614.8  | 1612.1  | 1605.8  | 1566.3  | 1560.8  | 1558.6  | 1559.7  | 1556.6  |
| 70°    | 1471.3  | 1468.0  | 1469.7  | 1468.4  | 1472.0  | 1473.2  | 1449.4  | 1449.2  | 1451.7  | 1456.7  | 1457.2  |
| 72.5°  | 1373.4  | 1373.4  | 1375.3  | 1376.1  | 1379.6  | 1381.4  | 1361.4  | 1360.5  | 1361.6  | 1365.4  | 1365.5  |
| 75°    | 1280.3  | 1281.9  | 1286.9  | 1288.6  | 1292.8  | 1293.7  | 1267.3  | 1264.3  | 1264.5  | 1268.0  | 1266.8  |
| 77.5°  | 1151.4  | 1157.0  | 1166.7  | 1171.7  | 1179.8  | 1181.3  | 1151.8  | 1148.3  | 1148.4  | 1151.9  | 1149.0  |
| 80°    | 1005.3  | 1015.9  | 1031.2  | 1041.8  | 1054.3  | 1059.4  | 1029.0  | 1021.8  | 1015.0  | 1014.0  | 1007.9  |
| 82.5°  | 849.9   | 862.8   | 881.3   | 890.8   | 904.2   | 907.2   | 856.4   | 846.8   | 841.1   | 841.6   | 836.0   |
| 85°    | 648.8   | 658.6   | 675.3   | 680.7   | 689.0   | 688.3   | 630.3   | 605.5   | 612.1   | 601.7   | 609.9   |
| 87.5°  | 407.0   | 412.8   | 423.2   | 424.5   | 428.4   | 427.6   | 369.2   | 357.7   | 354.4   | 354.5   | 350.3   |
| 90°    | 202.1   | 205.9   | 215.0   | 215.2   | 221.3   | 220.4   | 173.2   | 167.8   | 163.6   | 165.9   | 160.1   |
| 92.5°  | 49.6    | 52.6    | 56.0    | 59.0    | 62.4    | 65.7    | 63.5    | 65.1    | 62.5    | 58.9    | 56.5    |
| 95°    | 54.6    | 59.5    | 64.4    | 69.4    | 74.4    | 79.3    | 84.2    | 89.1    | 84.5    | 79.9    | 75.2    |
| 97.5°  | 61.5    | 67.4    | 73.0    | 78.8    | 84.6    | 90.5    | 96.3    | 102.1   | 97.1    | 91.8    | 86.9    |
| 100°   | 79.9    | 90.7    | 101.4   | 112.2   | 122.9   | 133.7   | 144.6   | 155.4   | 145.9   | 136.0   | 126.6   |
| 102.5° | 159.8   | 182.9   | 205.9   | 228.7   | 251.6   | 274.6   | 297.8   | 320.9   | 298.9   | 276.8   | 254.8   |
| 105°   | 304.4   | 341.5   | 378.7   | 415.6   | 452.8   | 490.0   | 527.7   | 564.9   | 529.8   | 494.7   | 459.6   |
| 107.5° | 478.8   | 516.6   | 553.9   | 591.5   | 629.2   | 666.9   | 705.3   | 743.0   | 708.7   | 674.2   | 640.1   |
| 110°   | 588.1   | 615.3   | 642.8   | 670.0   | 697.3   | 724.6   | 753.1   | 780.5   | 759.8   | 739.0   | 718.2   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 613.7 | 633.4 | 652.8 | 672.0 | 691.2 | 710.7 | 731.5 | 751.2 | 740.6 | 729.6 | 719.3 |
| 115°   | 583.9 | 596.9 | 609.7 | 622.6 | 635.4 | 648.0 | 662.8 | 676.2 | 672.3 | 668.4 | 664.8 |
| 117.5° | 530.3 | 537.3 | 544.3 | 551.2 | 557.8 | 564.7 | 574.0 | 581.3 | 581.2 | 581.2 | 581.3 |
| 120°   | 473.7 | 476.2 | 478.7 | 481.3 | 483.6 | 486.0 | 491.4 | 494.5 | 496.6 | 498.6 | 500.8 |
| 122.5° | 426.2 | 426.8 | 427.2 | 427.6 | 428.0 | 428.4 | 432.2 | 433.4 | 434.5 | 435.6 | 436.8 |
| 125°   | 389.1 | 389.0 | 388.8 | 388.6 | 388.1 | 388.0 | 391.6 | 391.9 | 391.3 | 390.7 | 390.0 |
| 127.5° | 366.0 | 365.4 | 364.6 | 363.9 | 362.9 | 362.3 | 365.4 | 365.5 | 363.4 | 361.5 | 359.3 |
| 130°   | 350.7 | 350.2 | 349.4 | 348.8 | 348.3 | 347.7 | 351.4 | 351.9 | 348.9 | 345.7 | 342.7 |
| 132.5° | 342.5 | 342.1 | 341.2 | 341.0 | 340.5 | 339.8 | 343.9 | 344.5 | 341.4 | 337.7 | 334.6 |
| 135°   | 336.6 | 336.3 | 335.8 | 335.3 | 334.8 | 334.7 | 339.2 | 339.8 | 336.8 | 333.4 | 330.2 |
| 137.5° | 332.3 | 332.0 | 331.5 | 331.3 | 330.7 | 330.5 | 335.6 | 336.5 | 334.0 | 331.0 | 328.5 |
| 140°   | 329.6 | 329.2 | 329.0 | 328.9 | 328.6 | 328.6 | 334.2 | 335.3 | 333.3 | 330.8 | 328.5 |
| 142.5° | 326.1 | 326.3 | 326.3 | 326.6 | 326.6 | 327.0 | 333.4 | 334.9 | 333.2 | 331.1 | 329.6 |
| 145°   | 325.4 | 325.9 | 326.0 | 326.4 | 326.7 | 327.3 | 334.6 | 336.5 | 335.3 | 333.8 | 332.5 |
| 147.5° | 325.1 | 325.4 | 325.6 | 325.9 | 326.3 | 327.2 | 334.9 | 336.9 | 336.1 | 335.1 | 334.0 |
| 150°   | 324.4 | 324.8 | 325.0 | 325.4 | 326.1 | 326.8 | 335.7 | 338.3 | 337.5 | 336.7 | 335.7 |
| 152.5° | 322.4 | 322.7 | 322.9 | 323.3 | 323.6 | 324.3 | 335.3 | 338.3 | 337.7 | 336.7 | 336.1 |
| 155°   | 322.8 | 322.9 | 322.9 | 323.2 | 323.3 | 324.1 | 336.1 | 339.2 | 338.7 | 338.1 | 337.5 |
| 157.5° | 325.6 | 325.4 | 325.1 | 325.2 | 325.3 | 325.5 | 338.4 | 341.9 | 341.2 | 340.8 | 340.3 |
| 160°   | 329.0 | 328.8 | 328.5 | 328.4 | 328.2 | 328.3 | 341.7 | 345.0 | 344.6 | 344.0 | 343.4 |
| 162.5° | 332.9 | 333.2 | 333.0 | 332.8 | 332.8 | 333.1 | 346.4 | 350.2 | 349.4 | 348.8 | 348.2 |
| 165°   | 338.9 | 338.5 | 338.3 | 338.4 | 338.1 | 338.1 | 350.9 | 353.9 | 353.6 | 352.9 | 352.4 |
| 167.5° | 344.9 | 345.0 | 344.7 | 344.7 | 344.6 | 344.9 | 356.7 | 359.6 | 359.3 | 358.6 | 358.2 |
| 170°   | 351.3 | 351.5 | 351.2 | 351.3 | 351.4 | 351.7 | 361.5 | 364.0 | 363.7 | 363.0 | 362.6 |
| 172.5° | 356.9 | 357.2 | 357.3 | 357.4 | 357.5 | 357.7 | 366.1 | 368.5 | 368.2 | 367.7 | 367.1 |
| 175°   | 360.4 | 360.3 | 360.6 | 360.9 | 361.1 | 361.2 | 367.9 | 369.5 | 369.3 | 368.9 | 368.6 |
| 177.5° | 364.9 | 364.9 | 365.1 | 365.4 | 365.6 | 365.8 | 369.8 | 370.8 | 370.7 | 370.7 | 370.5 |
| 180°   | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 57.5°   | 60°     | 62.5°   | 65°     | 67.5°   | 70°     | 72.5°   | 75°     | 77.5°   | 80°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45606.8 | 45622.8 | 45625.2 | 45643.9 | 45642.4 | 45664.7 | 45661.1 | 45679.3 | 45668.7 | 45683.7 | 45671.0 |
| 5°     | 46678.0 | 46775.1 | 46825.9 | 46920.7 | 46950.8 | 47035.5 | 47059.5 | 47136.9 | 47140.1 | 47201.5 | 47187.5 |
| 7.5°   | 48192.4 | 48335.6 | 48420.6 | 48537.8 | 48597.1 | 48694.9 | 48737.8 | 48810.0 | 48833.3 | 48890.7 | 48895.1 |
| 10°    | 49096.7 | 49166.3 | 49214.8 | 49247.5 | 49277.4 | 49291.4 | 49307.7 | 49303.4 | 49307.7 | 49301.3 | 49315.4 |
| 12.5°  | 48741.1 | 48639.5 | 48572.4 | 48445.2 | 48371.5 | 48231.1 | 48162.0 | 48026.9 | 47977.8 | 47861.8 | 47845.1 |
| 15°    | 46939.6 | 46585.7 | 46335.7 | 45972.1 | 45743.6 | 45385.9 | 45176.6 | 44853.9 | 44706.4 | 44450.0 | 44382.7 |
| 17.5°  | 43656.1 | 42999.2 | 42490.9 | 41838.9 | 41386.3 | 40777.0 | 40393.7 | 39889.3 | 39613.0 | 39206.3 | 39065.4 |
| 20°    | 39052.7 | 38080.9 | 37318.4 | 36410.1 | 35760.1 | 34950.3 | 34431.7 | 33777.8 | 33398.2 | 32898.6 | 32696.0 |
| 22.5°  | 33648.3 | 32438.4 | 31486.1 | 30413.0 | 29628.8 | 28726.2 | 28105.1 | 27397.5 | 26984.5 | 26441.7 | 26201.4 |
| 25°    | 28077.9 | 26743.6 | 25684.9 | 24554.4 | 23725.8 | 22821.0 | 22199.7 | 21504.6 | 21077.2 | 20561.9 | 20323.1 |
| 27.5°  | 22750.4 | 21399.7 | 20376.6 | 19325.5 | 18565.4 | 17749.0 | 17188.4 | 16581.5 | 16202.2 | 15762.3 | 15537.7 |
| 30°    | 18048.9 | 16857.7 | 15987.0 | 15114.7 | 14482.3 | 13819.4 | 13353.5 | 12850.6 | 12517.8 | 12141.2 | 11927.1 |
| 32.5°  | 14218.6 | 13298.9 | 12617.2 | 11925.0 | 11407.5 | 10853.4 | 10450.9 | 10007.1 | 9706.7  | 9370.3  | 9176.5  |
| 35°    | 11260.9 | 10546.3 | 10002.5 | 9432.8  | 8988.1  | 8516.3  | 8161.6  | 7778.6  | 7509.0  | 7219.5  | 7052.1  |
| 37.5°  | 8897.3  | 8329.0  | 7881.6  | 7408.3  | 7043.1  | 6652.2  | 6520.5  | 6081.0  | 5801.6  | 5570.6  | 5410.5  |
| 40°    | 6982.6  | 6530.8  | 6160.6  | 5798.6  | 5500.8  | 5204.2  | 4966.3  | 4731.4  | 4551.2  | 4385.9  | 4271.5  |
| 42.5°  | 5452.8  | 5125.5  | 4855.1  | 4590.0  | 4372.7  | 4156.7  | 3984.3  | 3822.5  | 3701.1  | 3593.0  | 3519.3  |
| 45°    | 4334.8  | 4109.7  | 3921.7  | 3735.0  | 3581.7  | 3437.5  | 3321.5  | 3218.2  | 3139.9  | 3074.9  | 3028.9  |
| 47.5°  | 3561.2  | 3406.9  | 3274.4  | 3148.4  | 3044.4  | 2949.9  | 2872.2  | 2846.8  | 2762.6  | 2705.7  | 2684.1  |
| 50°    | 3026.5  | 2933.4  | 2832.7  | 2739.8  | 2670.2  | 2601.1  | 2550.7  | 2501.3  | 2469.7  | 2443.6  | 2435.7  |
| 52.5°  | 2627.4  | 2556.3  | 2500.3  | 2441.4  | 2395.5  | 2346.3  | 2311.5  | 2278.6  | 2261.3  | 2247.6  | 2245.9  |
| 55°    | 2330.8  | 2280.9  | 2243.9  | 2204.4  | 2176.9  | 2148.0  | 2130.1  | 2112.7  | 2105.1  | 2098.1  | 2098.6  |
| 57.5°  | 2106.3  | 2073.0  | 2048.9  | 2023.3  | 2008.5  | 1994.6  | 1990.0  | 1985.7  | 1988.0  | 1989.0  | 1992.9  |
| 60°    | 1942.7  | 1921.0  | 1905.9  | 1891.2  | 1885.0  | 1880.6  | 1883.9  | 1887.8  | 1895.8  | 1902.2  | 1907.9  |
| 62.5°  | 1817.3  | 1805.0  | 1797.6  | 1789.7  | 1789.0  | 1789.3  | 1796.1  | 1802.7  | 1812.6  | 1820.1  | 1825.6  |
| 65°    | 1688.3  | 1681.3  | 1678.9  | 1673.8  | 1676.4  | 1677.8  | 1686.0  | 1691.0  | 1700.9  | 1706.9  | 1714.0  |
| 67.5°  | 1557.9  | 1556.2  | 1557.8  | 1557.8  | 1562.3  | 1566.2  | 1574.0  | 1579.7  | 1588.1  | 1593.6  | 1599.2  |
| 70°    | 1461.6  | 1462.3  | 1465.9  | 1466.5  | 1471.5  | 1474.1  | 1480.9  | 1484.5  | 1492.2  | 1496.7  | 1503.7  |
| 72.5°  | 1368.0  | 1366.5  | 1367.3  | 1365.2  | 1366.8  | 1366.2  | 1369.9  | 1371.8  | 1378.1  | 1381.7  | 1390.1  |
| 75°    | 1268.3  | 1264.1  | 1263.1  | 1258.6  | 1258.7  | 1255.5  | 1257.0  | 1256.8  | 1261.0  | 1262.8  | 1268.8  |
| 77.5°  | 1147.9  | 1140.8  | 1137.5  | 1129.9  | 1129.7  | 1126.9  | 1129.9  | 1131.7  | 1139.1  | 1142.7  | 1149.6  |
| 80°    | 1003.9  | 992.8   | 987.7   | 978.9   | 980.4   | 979.9   | 987.4   | 992.9   | 1002.0  | 1003.7  | 1012.4  |
| 82.5°  | 834.3   | 823.1   | 817.6   | 809.1   | 811.1   | 811.3   | 818.0   | 819.2   | 827.1   | 830.5   | 840.6   |
| 85°    | 597.4   | 601.7   | 589.9   | 590.6   | 588.1   | 592.8   | 597.4   | 603.1   | 609.7   | 620.7   | 629.1   |
| 87.5°  | 351.9   | 350.3   | 354.5   | 355.0   | 361.1   | 364.3   | 374.1   | 379.7   | 390.7   | 399.2   | 414.7   |
| 90°    | 160.3   | 154.6   | 157.9   | 156.0   | 161.8   | 160.0   | 165.3   | 162.5   | 169.0   | 169.4   | 177.8   |
| 92.5°  | 52.7    | 50.2    | 46.5    | 43.7    | 40.2    | 37.7    | 35.6    | 34.7    | 32.7    | 31.9    | 29.8    |
| 95°    | 70.6    | 66.1    | 61.5    | 56.9    | 52.4    | 47.7    | 46.1    | 44.4    | 42.7    | 41.1    | 39.3    |
| 97.5°  | 82.0    | 77.0    | 72.1    | 67.1    | 62.2    | 57.3    | 56.2    | 55.0    | 53.9    | 52.8    | 51.7    |
| 100°   | 116.9   | 107.4   | 97.8    | 88.2    | 78.7    | 69.2    | 68.3    | 67.4    | 66.5    | 65.6    | 64.6    |
| 102.5° | 233.0   | 210.9   | 189.1   | 167.2   | 145.4   | 123.4   | 119.5   | 115.8   | 112.0   | 108.1   | 104.4   |
| 105°   | 424.4   | 389.3   | 354.3   | 319.2   | 284.3   | 249.2   | 238.8   | 228.1   | 217.7   | 207.3   | 196.9   |
| 107.5° | 605.7   | 571.3   | 537.1   | 503.0   | 468.8   | 434.7   | 418.1   | 401.6   | 384.9   | 368.4   | 352.0   |
| 110°   | 697.2   | 676.5   | 656.1   | 635.0   | 614.6   | 594.1   | 578.1   | 562.4   | 546.4   | 530.5   | 514.9   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 708.5 | 698.0 | 687.2 | 676.8 | 666.4 | 655.9 | 648.1 | 640.2 | 632.6 | 624.7 | 616.8 |
| 115°   | 660.9 | 657.1 | 653.4 | 650.0 | 646.4 | 642.7 | 641.9 | 641.3 | 640.3 | 639.8 | 639.2 |
| 117.5° | 581.2 | 581.3 | 581.2 | 581.4 | 581.6 | 581.8 | 585.5 | 589.2 | 593.1 | 597.1 | 601.3 |
| 120°   | 502.7 | 504.7 | 506.7 | 509.0 | 511.2 | 513.4 | 518.3 | 523.5 | 528.5 | 534.1 | 539.4 |
| 122.5° | 437.8 | 438.9 | 439.9 | 441.2 | 442.4 | 443.7 | 448.4 | 453.4 | 458.3 | 463.5 | 468.9 |
| 125°   | 388.8 | 388.1 | 387.3 | 386.3 | 385.5 | 385.2 | 388.7 | 392.5 | 396.5 | 400.8 | 404.7 |
| 127.5° | 357.2 | 354.8 | 352.5 | 350.6 | 348.2 | 346.4 | 348.0 | 350.0 | 351.9 | 354.1 | 356.2 |
| 130°   | 339.5 | 336.4 | 333.0 | 330.1 | 326.7 | 323.8 | 323.9 | 324.2 | 324.3 | 324.8 | 325.3 |
| 132.5° | 331.0 | 327.5 | 324.0 | 320.4 | 316.8 | 313.3 | 312.4 | 311.4 | 310.3 | 309.7 | 309.2 |
| 135°   | 326.7 | 323.7 | 320.0 | 316.6 | 313.0 | 309.9 | 308.2 | 306.7 | 305.2 | 303.9 | 302.5 |
| 137.5° | 325.5 | 322.8 | 319.8 | 317.1 | 314.0 | 311.3 | 309.1 | 307.6 | 305.6 | 304.3 | 302.6 |
| 140°   | 326.0 | 323.8 | 321.1 | 318.7 | 316.1 | 313.9 | 312.1 | 310.7 | 308.9 | 307.6 | 306.3 |
| 142.5° | 327.4 | 325.5 | 323.5 | 321.7 | 319.6 | 317.8 | 316.1 | 314.6 | 313.1 | 311.9 | 310.3 |
| 145°   | 330.9 | 329.7 | 328.1 | 326.6 | 325.0 | 323.7 | 322.1 | 321.0 | 319.7 | 318.6 | 317.6 |
| 147.5° | 332.9 | 331.7 | 330.6 | 329.5 | 328.2 | 327.0 | 325.8 | 325.2 | 323.9 | 323.2 | 322.2 |
| 150°   | 334.7 | 333.6 | 332.5 | 331.7 | 330.4 | 329.6 | 328.6 | 327.9 | 326.9 | 326.5 | 325.7 |
| 152.5° | 335.1 | 334.2 | 333.2 | 332.5 | 331.3 | 330.4 | 329.7 | 329.1 | 328.4 | 327.8 | 326.9 |
| 155°   | 336.6 | 335.9 | 335.2 | 334.5 | 333.4 | 332.9 | 332.1 | 331.2 | 330.5 | 329.8 | 329.1 |
| 157.5° | 339.6 | 338.9 | 338.0 | 337.5 | 336.5 | 335.8 | 335.2 | 334.5 | 333.7 | 333.1 | 332.3 |
| 160°   | 342.8 | 342.2 | 341.4 | 340.8 | 340.1 | 339.4 | 338.5 | 337.8 | 336.9 | 336.3 | 335.3 |
| 162.5° | 347.4 | 346.5 | 346.0 | 345.2 | 344.2 | 343.6 | 342.7 | 342.1 | 341.4 | 340.8 | 339.9 |
| 165°   | 351.8 | 351.1 | 350.4 | 349.7 | 349.2 | 348.5 | 347.6 | 347.0 | 346.0 | 345.4 | 344.4 |
| 167.5° | 357.5 | 357.1 | 356.4 | 355.9 | 355.1 | 354.4 | 353.8 | 353.0 | 352.2 | 351.5 | 350.4 |
| 170°   | 362.2 | 361.3 | 360.8 | 360.0 | 359.4 | 358.6 | 358.0 | 357.3 | 356.5 | 356.1 | 355.0 |
| 172.5° | 366.7 | 366.3 | 365.7 | 365.3 | 364.5 | 364.0 | 363.6 | 363.1 | 362.5 | 361.8 | 361.3 |
| 175°   | 368.5 | 368.4 | 368.2 | 367.7 | 367.5 | 367.1 | 366.8 | 366.6 | 366.3 | 366.1 | 365.6 |
| 177.5° | 370.5 | 370.3 | 370.3 | 370.0 | 369.8 | 369.8 | 369.5 | 369.4 | 369.1 | 368.8 | 368.7 |
| 180°   | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°   | 85°     | 87.5°   | 90°     | 92.5°   | 95°     | 97.5°   | 100°    | 102.5°  | 105°    | 107.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45684.2 | 45672.6 | 45678.1 | 45656.7 | 45661.8 | 45636.0 | 45633.6 | 45604.4 | 45601.6 | 45574.1 | 45563.8 |
| 5°     | 47231.0 | 47205.6 | 47234.2 | 47189.5 | 47198.3 | 47140.1 | 47135.2 | 47060.0 | 47034.0 | 46939.9 | 46899.3 |
| 7.5°   | 48930.9 | 48921.4 | 48938.9 | 48901.5 | 48900.3 | 48848.3 | 48826.9 | 48759.4 | 48717.6 | 48618.8 | 48555.7 |
| 10°    | 49303.4 | 49312.1 | 49297.8 | 49301.3 | 49281.1 | 49275.5 | 49254.8 | 49241.6 | 49207.7 | 49182.1 | 49144.4 |
| 12.5°  | 47756.9 | 47766.1 | 47707.2 | 47744.6 | 47715.1 | 47784.1 | 47778.5 | 47859.8 | 47872.3 | 47975.2 | 48014.2 |
| 15°    | 44182.8 | 44171.7 | 44058.5 | 44129.8 | 44091.5 | 44243.0 | 44276.9 | 44480.6 | 44589.6 | 44851.2 | 45011.9 |
| 17.5°  | 38783.6 | 38754.4 | 38595.0 | 38681.8 | 38637.6 | 38861.0 | 38935.8 | 39261.8 | 39465.0 | 39886.5 | 40186.9 |
| 20°    | 32347.4 | 32291.6 | 32105.1 | 32206.8 | 32161.2 | 32414.9 | 32521.8 | 32915.7 | 33177.7 | 33736.1 | 34133.2 |
| 22.5°  | 25831.3 | 25743.1 | 25560.5 | 25655.4 | 25612.4 | 25875.2 | 26014.3 | 26409.4 | 26709.7 | 27282.8 | 27746.5 |
| 25°    | 19979.9 | 19901.4 | 19724.7 | 19791.1 | 19775.1 | 19997.4 | 20121.3 | 20495.0 | 20790.0 | 21336.0 | 21778.5 |
| 27.5°  | 15239.2 | 15157.3 | 14997.8 | 15044.9 | 15028.7 | 15218.0 | 15334.7 | 15647.0 | 15900.8 | 16360.4 | 16749.0 |
| 30°    | 11663.4 | 11564.7 | 11429.4 | 11455.3 | 11444.2 | 11597.8 | 11706.7 | 11969.7 | 12187.2 | 12575.6 | 12910.4 |
| 32.5°  | 8939.9  | 8840.8  | 8716.4  | 8728.6  | 8712.2  | 8832.6  | 8922.4  | 9151.1  | 9340.7  | 9670.9  | 9962.4  |
| 35°    | 6840.3  | 6956.1  | 6690.7  | 6858.9  | 6683.7  | 6940.8  | 6848.3  | 6991.3  | 7154.3  | 7432.6  | 7675.6  |
| 37.5°  | 5258.5  | 5177.8  | 5109.4  | 5102.2  | 5101.9  | 5161.4  | 5231.7  | 5369.3  | 5513.0  | 5720.4  | 5934.5  |
| 40°    | 4167.1  | 4110.4  | 4066.2  | 4063.1  | 4066.2  | 4108.6  | 4160.5  | 4255.7  | 4360.9  | 4509.8  | 4667.2  |
| 42.5°  | 3456.2  | 3418.6  | 3392.0  | 3390.1  | 3398.6  | 3428.5  | 3464.7  | 3521.2  | 3589.6  | 3686.1  | 3794.1  |
| 45°    | 2991.4  | 2970.5  | 2955.7  | 2954.8  | 2958.7  | 2974.3  | 2995.1  | 3030.3  | 3073.7  | 3134.0  | 3202.2  |
| 47.5°  | 2665.2  | 2660.1  | 2650.9  | 2651.2  | 2646.9  | 2653.4  | 2655.8  | 2675.5  | 2698.6  | 2744.0  | 2833.2  |
| 50°    | 2427.7  | 2427.7  | 2421.3  | 2421.0  | 2414.9  | 2414.5  | 2409.5  | 2417.3  | 2428.1  | 2456.2  | 2484.8  |
| 52.5°  | 2240.0  | 2239.3  | 2232.4  | 2231.0  | 2224.7  | 2224.3  | 2219.9  | 2223.0  | 2224.5  | 2238.6  | 2255.7  |
| 55°    | 2093.2  | 2088.9  | 2079.8  | 2076.9  | 2074.4  | 2078.1  | 2076.4  | 2076.5  | 2074.7  | 2080.7  | 2085.7  |
| 57.5°  | 1988.0  | 1982.3  | 1973.7  | 1971.1  | 1970.5  | 1974.9  | 1975.1  | 1973.5  | 1965.6  | 1960.2  | 1952.6  |
| 60°    | 1904.7  | 1898.9  | 1889.7  | 1887.3  | 1888.7  | 1894.7  | 1894.4  | 1889.3  | 1877.5  | 1867.2  | 1855.3  |
| 62.5°  | 1822.9  | 1820.6  | 1815.8  | 1815.2  | 1814.0  | 1815.0  | 1810.7  | 1805.3  | 1793.7  | 1782.7  | 1769.8  |
| 65°    | 1713.1  | 1714.3  | 1710.7  | 1711.2  | 1707.0  | 1706.3  | 1699.9  | 1694.7  | 1682.9  | 1672.9  | 1659.7  |
| 67.5°  | 1599.1  | 1599.9  | 1597.1  | 1597.1  | 1594.8  | 1595.2  | 1591.3  | 1586.5  | 1576.5  | 1568.4  | 1558.1  |
| 70°    | 1505.1  | 1507.5  | 1505.8  | 1506.3  | 1503.7  | 1502.6  | 1496.5  | 1491.8  | 1481.6  | 1474.8  | 1465.5  |
| 72.5°  | 1392.7  | 1397.7  | 1397.5  | 1398.8  | 1394.6  | 1392.7  | 1385.4  | 1379.5  | 1370.2  | 1364.8  | 1357.4  |
| 75°    | 1271.2  | 1277.7  | 1279.6  | 1282.5  | 1276.8  | 1273.7  | 1265.8  | 1261.0  | 1253.5  | 1250.3  | 1245.4  |
| 77.5°  | 1152.6  | 1159.9  | 1166.8  | 1173.2  | 1163.9  | 1155.7  | 1145.7  | 1138.2  | 1127.4  | 1123.1  | 1115.6  |
| 80°    | 1019.6  | 1032.4  | 1047.7  | 1060.6  | 1043.9  | 1027.0  | 1010.7  | 998.5   | 984.1   | 978.3   | 968.8   |
| 82.5°  | 845.8   | 859.0   | 867.7   | 876.0   | 864.4   | 852.1   | 836.2   | 825.6   | 810.1   | 804.4   | 793.4   |
| 85°    | 642.6   | 659.0   | 664.2   | 668.5   | 661.2   | 654.6   | 639.8   | 619.6   | 609.9   | 594.6   | 586.6   |
| 87.5°  | 422.7   | 432.5   | 434.3   | 435.8   | 431.3   | 428.1   | 418.5   | 409.0   | 392.3   | 380.1   | 365.3   |
| 90°    | 176.6   | 182.5   | 177.9   | 179.7   | 174.6   | 175.9   | 167.1   | 164.6   | 151.7   | 147.2   | 135.8   |
| 92.5°  | 28.7    | 26.8    | 25.4    | 23.9    | 26.1    | 26.9    | 29.0    | 29.8    | 31.8    | 32.7    | 34.7    |
| 95°    | 37.6    | 36.0    | 34.3    | 32.6    | 34.0    | 35.3    | 36.6    | 38.0    | 39.3    | 40.7    | 42.0    |
| 97.5°  | 50.6    | 49.5    | 48.3    | 47.2    | 48.0    | 48.8    | 49.6    | 50.4    | 51.1    | 51.9    | 52.7    |
| 100°   | 63.7    | 62.9    | 62.0    | 61.1    | 61.1    | 61.1    | 61.1    | 61.1    | 61.1    | 61.1    | 61.1    |
| 102.5° | 100.6   | 96.8    | 93.0    | 89.2    | 91.7    | 94.3    | 96.9    | 99.4    | 102.1   | 104.6   | 107.4   |
| 105°   | 186.5   | 176.1   | 165.7   | 155.3   | 165.3   | 175.4   | 185.5   | 195.6   | 205.6   | 216.0   | 226.0   |
| 107.5° | 335.3   | 318.8   | 302.3   | 285.9   | 304.5   | 322.9   | 341.1   | 359.5   | 377.9   | 396.3   | 414.8   |
| 110°   | 499.2   | 483.6   | 467.9   | 452.2   | 471.7   | 491.1   | 510.6   | 530.0   | 549.8   | 569.2   | 589.0   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°   | 97.5° | 100°  | 102.5° | 105°  | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 112.5° | 609.1 | 601.5 | 593.9 | 586.3 | 598.9 | 611.4 | 623.9 | 636.8 | 649.4  | 662.1 | 674.6  |
| 115°   | 638.6 | 638.1 | 637.7 | 637.2 | 643.1 | 649.1 | 655.0 | 661.1 | 667.2  | 673.1 | 679.3  |
| 117.5° | 605.2 | 609.2 | 613.5 | 617.8 | 619.6 | 621.6 | 623.6 | 625.5 | 627.8  | 629.8 | 632.0  |
| 120°   | 544.9 | 550.1 | 555.8 | 561.5 | 560.7 | 559.9 | 559.3 | 558.5 | 558.3  | 557.7 | 557.6  |
| 122.5° | 474.3 | 479.6 | 485.3 | 490.8 | 489.2 | 487.5 | 486.0 | 484.6 | 483.3  | 482.0 | 480.8  |
| 125°   | 409.3 | 413.6 | 418.3 | 423.0 | 421.3 | 419.6 | 418.1 | 416.9 | 415.6  | 414.2 | 413.4  |
| 127.5° | 358.9 | 361.6 | 364.0 | 366.9 | 366.1 | 365.3 | 365.0 | 364.4 | 364.2  | 364.1 | 364.2  |
| 130°   | 326.1 | 327.0 | 328.3 | 329.3 | 329.5 | 329.7 | 330.4 | 330.9 | 331.8  | 332.5 | 333.9  |
| 132.5° | 309.1 | 308.7 | 308.8 | 308.8 | 309.7 | 310.6 | 312.0 | 313.2 | 315.0  | 316.4 | 318.7  |
| 135°   | 301.8 | 301.0 | 300.4 | 300.0 | 301.4 | 302.4 | 304.1 | 305.9 | 307.9  | 310.2 | 312.6  |
| 137.5° | 301.7 | 300.5 | 299.8 | 298.8 | 300.2 | 301.5 | 303.1 | 304.9 | 306.8  | 309.0 | 311.6  |
| 140°   | 305.3 | 304.1 | 303.6 | 302.7 | 304.1 | 305.2 | 307.0 | 308.6 | 310.6  | 312.9 | 315.2  |
| 142.5° | 309.5 | 308.2 | 307.6 | 307.1 | 308.0 | 309.2 | 311.0 | 312.4 | 314.3  | 316.0 | 318.3  |
| 145°   | 316.6 | 315.6 | 315.2 | 314.6 | 315.3 | 316.2 | 317.3 | 318.5 | 319.9  | 321.2 | 323.1  |
| 147.5° | 321.5 | 320.8 | 320.5 | 319.9 | 320.6 | 321.2 | 322.0 | 322.7 | 323.9  | 324.8 | 326.2  |
| 150°   | 325.5 | 324.7 | 324.3 | 324.1 | 324.4 | 324.6 | 325.3 | 325.5 | 326.3  | 326.9 | 328.1  |
| 152.5° | 326.7 | 325.9 | 325.9 | 325.5 | 325.6 | 325.8 | 326.3 | 326.6 | 327.2  | 327.6 | 328.7  |
| 155°   | 328.7 | 328.2 | 327.7 | 327.2 | 327.0 | 327.0 | 327.2 | 327.1 | 327.5  | 327.6 | 327.9  |
| 157.5° | 331.9 | 331.3 | 330.9 | 330.2 | 330.0 | 329.7 | 329.6 | 329.4 | 329.6  | 329.1 | 329.2  |
| 160°   | 334.9 | 333.9 | 333.3 | 332.7 | 332.5 | 332.0 | 332.2 | 331.7 | 331.7  | 331.6 | 331.7  |
| 162.5° | 339.4 | 338.7 | 338.2 | 337.5 | 337.2 | 336.5 | 336.1 | 335.5 | 335.2  | 334.9 | 334.7  |
| 165°   | 343.6 | 342.8 | 342.1 | 341.2 | 340.9 | 340.6 | 340.3 | 339.9 | 339.7  | 339.2 | 339.3  |
| 167.5° | 350.0 | 349.0 | 348.4 | 347.6 | 347.2 | 346.4 | 346.2 | 345.6 | 345.1  | 344.6 | 344.5  |
| 170°   | 354.6 | 353.8 | 353.4 | 352.8 | 352.4 | 352.0 | 351.8 | 351.3 | 351.1  | 351.0 | 351.0  |
| 172.5° | 360.9 | 360.2 | 359.8 | 359.4 | 359.0 | 358.7 | 358.5 | 358.3 | 358.0  | 358.0 | 357.8  |
| 175°   | 365.4 | 365.1 | 364.9 | 364.6 | 364.3 | 364.2 | 363.8 | 363.7 | 363.6  | 363.4 | 363.2  |
| 177.5° | 368.3 | 368.0 | 367.9 | 367.8 | 367.6 | 367.6 | 367.6 | 367.6 | 367.6  | 367.4 | 367.3  |
| 180°   | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9 | 367.9  | 367.9 | 367.9  |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 112.5°  | 115°    | 117.5°  | 120°    | 122.5°  | 125°    | 127.5°  | 130°    | 132.5°  | 135°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45534.3 | 45522.3 | 45490.8 | 45475.3 | 45446.1 | 45431.4 | 45408.7 | 45393.9 | 45375.6 | 45361.9 | 45354.8 |
| 5°     | 46795.8 | 46737.7 | 46621.0 | 46549.1 | 46423.2 | 46340.2 | 46215.0 | 46123.3 | 45994.0 | 45898.7 | 45776.6 |
| 7.5°   | 48437.3 | 48347.9 | 48198.4 | 48085.1 | 47908.9 | 47774.1 | 47576.3 | 47418.0 | 47199.5 | 47018.0 | 46794.7 |
| 10°    | 49105.6 | 49053.4 | 48986.3 | 48913.4 | 48815.8 | 48719.9 | 48584.9 | 48447.3 | 48263.8 | 48081.3 | 47842.8 |
| 12.5°  | 48117.9 | 48166.9 | 48263.8 | 48308.9 | 48383.0 | 48408.2 | 48442.0 | 48426.1 | 48396.2 | 48321.6 | 48213.5 |
| 15°    | 45320.6 | 45525.5 | 45849.3 | 46073.3 | 46387.2 | 46607.6 | 46899.3 | 47087.0 | 47303.2 | 47432.4 | 47555.1 |
| 17.5°  | 40719.2 | 41115.5 | 41686.9 | 42142.8 | 42754.8 | 43252.5 | 43862.2 | 44341.1 | 44894.3 | 45318.6 | 45770.2 |
| 20°    | 34825.4 | 35380.5 | 36169.3 | 36839.3 | 37726.1 | 38478.1 | 39441.5 | 40248.6 | 41190.1 | 41974.8 | 42821.8 |
| 22.5°  | 28482.1 | 29135.1 | 30039.0 | 30847.0 | 31906.0 | 32851.9 | 34059.0 | 35126.1 | 36398.8 | 37539.0 | 38800.3 |
| 25°    | 22498.0 | 23138.0 | 24058.7 | 24895.4 | 26038.6 | 27080.6 | 28399.3 | 29623.6 | 31100.5 | 32477.8 | 34059.0 |
| 27.5°  | 17366.3 | 17934.7 | 18744.1 | 19497.2 | 20544.3 | 21567.2 | 22905.6 | 24211.0 | 25787.0 | 27267.2 | 28971.1 |
| 30°    | 13411.7 | 13872.8 | 14521.3 | 15127.2 | 15967.7 | 16804.3 | 17996.4 | 19203.7 | 20771.9 | 22305.8 | 24052.8 |
| 32.5°  | 10393.7 | 10786.8 | 11328.2 | 11820.1 | 12467.7 | 13098.5 | 13976.3 | 14941.1 | 16316.7 | 17785.9 | 19475.1 |
| 35°    | 8045.8  | 8382.2  | 8843.0  | 9266.6  | 9799.3  | 10300.1 | 10955.2 | 11643.7 | 12693.5 | 13929.3 | 15441.0 |
| 37.5°  | 6414.6  | 6551.7  | 6880.6  | 7227.7  | 7670.1  | 8081.6  | 8594.1  | 9103.2  | 9854.2  | 10829.3 | 12064.2 |
| 40°    | 4878.2  | 5096.0  | 5363.6  | 5637.0  | 5972.0  | 6302.1  | 6864.3  | 7134.9  | 7629.5  | 8329.4  | 9287.9  |
| 42.5°  | 3936.1  | 4089.2  | 4277.6  | 4467.7  | 4701.1  | 4931.0  | 5215.4  | 5505.0  | 5874.7  | 6348.8  | 7030.6  |
| 45°    | 3293.8  | 3393.7  | 3515.1  | 3641.8  | 3795.0  | 3951.9  | 4142.4  | 4341.2  | 4591.7  | 4883.1  | 5297.1  |
| 47.5°  | 2864.7  | 2919.9  | 2999.2  | 3085.6  | 3190.7  | 3299.4  | 3423.1  | 3549.9  | 3705.5  | 3878.4  | 4114.2  |
| 50°    | 2529.8  | 2575.8  | 2637.4  | 2695.2  | 2767.8  | 2879.1  | 2928.2  | 2998.1  | 3091.7  | 3193.5  | 3325.3  |
| 52.5°  | 2287.4  | 2318.1  | 2356.7  | 2390.0  | 2435.9  | 2477.5  | 2532.1  | 2580.3  | 2645.2  | 2706.2  | 2791.3  |
| 55°    | 2098.6  | 2109.8  | 2131.7  | 2153.2  | 2184.9  | 2213.4  | 2250.8  | 2282.3  | 2323.7  | 2360.2  | 2413.9  |
| 57.5°  | 1953.0  | 1953.9  | 1964.1  | 1975.2  | 1995.6  | 2013.5  | 2039.3  | 2060.0  | 2088.7  | 2112.0  | 2144.2  |
| 60°    | 1848.2  | 1842.7  | 1844.6  | 1848.5  | 1860.0  | 1871.6  | 1888.1  | 1901.7  | 1919.7  | 1932.8  | 1950.9  |
| 62.5°  | 1761.0  | 1752.2  | 1750.2  | 1749.2  | 1754.9  | 1759.2  | 1768.1  | 1774.7  | 1785.0  | 1790.7  | 1800.3  |
| 65°    | 1650.9  | 1640.6  | 1636.6  | 1631.8  | 1633.5  | 1632.2  | 1635.5  | 1635.7  | 1640.9  | 1642.1  | 1647.7  |
| 67.5°  | 1551.0  | 1542.4  | 1537.2  | 1530.8  | 1527.9  | 1523.3  | 1521.4  | 1516.9  | 1516.2  | 1512.6  | 1511.7  |
| 70°    | 1460.0  | 1451.5  | 1447.1  | 1441.2  | 1438.2  | 1432.1  | 1428.4  | 1421.0  | 1416.6  | 1409.7  | 1405.8  |
| 72.5°  | 1354.6  | 1349.8  | 1348.5  | 1344.4  | 1343.4  | 1340.0  | 1338.6  | 1333.2  | 1330.2  | 1324.3  | 1321.0  |
| 75°    | 1244.4  | 1240.5  | 1240.1  | 1236.1  | 1235.8  | 1231.8  | 1230.7  | 1225.2  | 1222.2  | 1216.4  | 1213.9  |
| 77.5°  | 1113.2  | 1107.4  | 1105.8  | 1101.0  | 1102.2  | 1100.2  | 1101.9  | 1097.7  | 1095.8  | 1089.9  | 1088.1  |
| 80°    | 965.4   | 958.0   | 955.0   | 948.7   | 950.5   | 947.5   | 950.5   | 950.1   | 952.2   | 947.5   | 946.7   |
| 82.5°  | 790.3   | 782.3   | 780.7   | 776.4   | 779.2   | 779.5   | 785.8   | 782.4   | 783.8   | 779.3   | 781.2   |
| 85°    | 575.1   | 569.0   | 560.6   | 559.4   | 554.1   | 559.6   | 552.3   | 557.2   | 549.3   | 554.9   | 547.5   |
| 87.5°  | 356.6   | 344.1   | 337.5   | 328.6   | 325.1   | 316.6   | 313.1   | 306.8   | 308.6   | 305.8   | 307.5   |
| 90°    | 133.8   | 123.7   | 122.0   | 114.0   | 114.0   | 107.2   | 108.8   | 104.1   | 106.7   | 101.9   | 104.8   |
| 92.5°  | 35.6    | 37.0    | 39.6    | 42.8    | 45.1    | 47.7    | 50.4    | 53.5    | 55.8    | 58.9    | 61.2    |
| 95°    | 43.3    | 44.7    | 48.2    | 51.9    | 55.4    | 59.0    | 62.7    | 66.3    | 69.8    | 73.5    | 77.0    |
| 97.5°  | 53.5    | 54.3    | 57.9    | 61.5    | 65.0    | 68.7    | 72.2    | 76.2    | 79.8    | 83.4    | 86.9    |
| 100°   | 61.1    | 61.3    | 71.5    | 81.6    | 91.8    | 102.3   | 112.4   | 122.6   | 133.1   | 143.2   | 153.4   |
| 102.5° | 109.9   | 112.5   | 138.2   | 164.0   | 189.8   | 215.5   | 241.4   | 267.4   | 293.1   | 319.1   | 345.1   |
| 105°   | 236.1   | 246.4   | 285.6   | 325.1   | 364.3   | 403.7   | 443.2   | 482.8   | 522.2   | 561.7   | 601.2   |
| 107.5° | 433.2   | 451.7   | 487.4   | 523.1   | 558.5   | 594.3   | 630.0   | 665.7   | 701.3   | 737.1   | 773.2   |
| 110°   | 608.4   | 628.1   | 651.9   | 676.0   | 700.1   | 724.0   | 748.0   | 772.1   | 796.3   | 820.4   | 844.8   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 112.5° | 115°  | 117.5° | 120°  | 122.5° | 125°  | 127.5° | 130°  | 132.5° | 135°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 687.2 | 700.2  | 714.0 | 728.4  | 742.4 | 756.6  | 770.8 | 785.0  | 799.5 | 813.8  | 828.2 |
| 115°   | 685.6 | 691.9  | 697.3 | 703.2  | 708.9 | 714.7  | 720.6 | 726.6  | 732.8 | 738.7  | 744.8 |
| 117.5° | 634.2 | 636.7  | 637.7 | 639.1  | 640.2 | 642.0  | 643.2 | 645.0  | 646.6 | 648.3  | 649.7 |
| 120°   | 557.1 | 556.9  | 556.5 | 556.2  | 555.8 | 555.6  | 555.5 | 555.4  | 555.5 | 555.5  | 555.4 |
| 122.5° | 479.6 | 478.8  | 478.4 | 478.3  | 478.2 | 478.3  | 478.3 | 478.7  | 478.8 | 479.0  | 479.1 |
| 125°   | 412.5 | 411.8  | 413.2 | 414.8  | 416.5 | 418.3  | 419.9 | 422.0  | 423.9 | 425.8  | 427.8 |
| 127.5° | 364.1 | 364.5  | 367.4 | 370.3  | 373.4 | 376.6  | 379.7 | 383.1  | 386.1 | 389.7  | 392.6 |
| 130°   | 335.1 | 336.4  | 339.9 | 343.8  | 347.3 | 351.3  | 355.2 | 359.3  | 362.9 | 366.8  | 370.6 |
| 132.5° | 320.3 | 322.8  | 326.1 | 329.8  | 333.5 | 337.3  | 341.1 | 345.0  | 348.8 | 352.7  | 356.3 |
| 135°   | 315.0 | 317.8  | 321.0 | 324.6  | 328.0 | 331.7  | 335.3 | 339.0  | 342.1 | 346.0  | 349.2 |
| 137.5° | 313.8 | 316.6  | 319.6 | 322.6  | 325.4 | 328.8  | 331.6 | 334.8  | 337.6 | 340.8  | 343.6 |
| 140°   | 317.5 | 320.2  | 322.1 | 324.4  | 326.4 | 328.6  | 330.4 | 332.9  | 334.7 | 337.0  | 338.9 |
| 142.5° | 320.3 | 323.0  | 324.1 | 325.8  | 327.3 | 329.4  | 330.8 | 332.6  | 333.9 | 335.4  | 336.7 |
| 145°   | 324.6 | 326.7  | 327.4 | 328.3  | 329.1 | 330.0  | 330.6 | 331.6  | 332.1 | 332.8  | 333.4 |
| 147.5° | 327.6 | 329.1  | 329.3 | 329.9  | 330.4 | 330.7  | 331.3 | 331.7  | 331.9 | 332.4  | 332.8 |
| 150°   | 328.8 | 329.9  | 329.8 | 330.2  | 330.1 | 330.4  | 330.2 | 330.5  | 330.3 | 330.6  | 330.5 |
| 152.5° | 329.2 | 330.0  | 329.6 | 329.8  | 329.5 | 329.5  | 329.1 | 329.3  | 328.9 | 328.9  | 328.9 |
| 155°   | 328.1 | 328.4  | 328.2 | 328.1  | 327.9 | 327.9  | 327.6 | 327.9  | 327.9 | 327.7  | 327.9 |
| 157.5° | 329.2 | 329.1  | 329.0 | 328.9  | 328.6 | 328.7  | 328.5 | 328.6  | 328.6 | 329.1  | 329.3 |
| 160°   | 331.4 | 331.4  | 331.1 | 331.0  | 330.9 | 330.8  | 330.6 | 330.9  | 331.0 | 331.5  | 331.8 |
| 162.5° | 334.2 | 334.0  | 333.7 | 333.6  | 333.5 | 333.6  | 333.6 | 334.0  | 334.1 | 334.5  | 334.9 |
| 165°   | 339.2 | 339.3  | 338.8 | 338.8  | 338.6 | 338.6  | 338.4 | 338.6  | 338.9 | 339.1  | 339.4 |
| 167.5° | 344.3 | 344.2  | 344.2 | 344.3  | 344.3 | 344.5  | 344.7 | 345.4  | 345.5 | 346.2  | 346.4 |
| 170°   | 350.8 | 351.0  | 350.7 | 350.8  | 350.6 | 350.6  | 350.7 | 350.8  | 350.9 | 351.2  | 351.2 |
| 172.5° | 357.8 | 357.8  | 357.6 | 357.4  | 357.2 | 357.2  | 356.9 | 357.0  | 356.8 | 356.7  | 356.5 |
| 175°   | 363.0 | 362.9  | 362.8 | 362.7  | 362.6 | 362.3  | 362.1 | 361.7  | 361.6 | 361.5  | 361.4 |
| 177.5° | 367.1 | 366.7  | 366.6 | 366.6  | 366.4 | 366.2  | 366.2 | 366.0  | 366.0 | 366.0  | 365.7 |
| 180°   | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 137.5°  | 140°    | 142.5°  | 145°    | 147.5°  | 150°    | 152.5°  | 155°    | 157.5°  | 160°    | 162.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45345.7 | 45345.2 | 45340.8 | 45342.9 | 45343.6 | 45346.9 | 45350.8 | 45354.8 | 45355.6 | 45358.9 | 45359.6 |
| 5°     | 45685.1 | 45572.9 | 45489.9 | 45398.7 | 45330.0 | 45268.3 | 45227.1 | 45194.4 | 45181.8 | 45185.0 | 45192.6 |
| 7.5°   | 46605.3 | 46373.8 | 46182.6 | 45965.4 | 45784.2 | 45592.5 | 45433.4 | 45282.3 | 45172.1 | 45090.0 | 45044.1 |
| 10°    | 47615.1 | 47333.1 | 47063.2 | 46748.8 | 46450.6 | 46132.3 | 45844.1 | 45553.9 | 45311.8 | 45101.7 | 44947.3 |
| 12.5°  | 48063.2 | 47863.9 | 47630.6 | 47333.9 | 47014.8 | 46647.6 | 46276.7 | 45879.2 | 45509.5 | 45166.2 | 44889.4 |
| 15°    | 47588.7 | 47589.1 | 47504.1 | 47361.7 | 47140.1 | 46846.6 | 46493.3 | 46078.9 | 45642.7 | 45197.7 | 44791.0 |
| 17.5°  | 46082.6 | 46366.8 | 46524.8 | 46624.8 | 46594.2 | 46486.0 | 46261.2 | 45942.9 | 45536.3 | 45062.2 | 44566.0 |
| 20°    | 43496.2 | 44166.4 | 44644.3 | 45074.0 | 45314.9 | 45474.9 | 45458.9 | 45329.4 | 45039.7 | 44636.7 | 44119.9 |
| 22.5°  | 39872.9 | 40997.9 | 41885.6 | 42713.4 | 43293.9 | 43766.2 | 43990.7 | 44085.9 | 43954.8 | 43674.0 | 43188.7 |
| 25°    | 35472.2 | 37001.8 | 38307.1 | 39573.9 | 40524.2 | 41340.9 | 41831.6 | 42177.4 | 42204.9 | 42058.1 | 41625.2 |
| 27.5°  | 30582.2 | 32387.7 | 34039.8 | 35723.4 | 37059.7 | 38233.7 | 39004.0 | 39567.8 | 39747.0 | 39723.3 | 39330.2 |
| 30°    | 25698.4 | 27593.9 | 29414.9 | 31378.1 | 33031.7 | 34531.6 | 35549.1 | 36311.7 | 36605.5 | 36661.8 | 36283.7 |
| 32.5°  | 21086.2 | 22955.3 | 24771.3 | 26823.8 | 28643.4 | 30362.4 | 31564.6 | 32470.4 | 32812.0 | 32892.6 | 32477.8 |
| 35°    | 16900.3 | 18624.7 | 20350.5 | 22339.7 | 24148.9 | 25929.0 | 27195.8 | 28144.0 | 28463.1 | 28516.9 | 28036.8 |
| 37.5°  | 13270.4 | 14739.6 | 16243.3 | 18028.1 | 19689.7 | 21361.4 | 22565.0 | 23456.2 | 23688.6 | 23674.3 | 23130.9 |
| 40°    | 10214.0 | 11356.2 | 12564.5 | 14033.9 | 15415.2 | 16828.5 | 17844.9 | 18581.6 | 18703.7 | 18613.2 | 18042.3 |
| 42.5°  | 7680.3  | 8505.4  | 9381.3  | 10478.2 | 11503.1 | 12560.8 | 13300.2 | 13847.2 | 13864.6 | 13721.5 | 13209.1 |
| 45°    | 5721.9  | 6526.7  | 6894.1  | 7557.3  | 8217.4  | 8920.8  | 9372.2  | 9710.0  | 9657.8  | 9531.9  | 9142.6  |
| 47.5°  | 4361.9  | 4671.2  | 4999.3  | 5410.5  | 5795.1  | 6593.2  | 6534.0  | 7076.5  | 6685.8  | 6952.3  | 6365.7  |
| 50°    | 3463.8  | 3636.7  | 3813.5  | 4031.7  | 4232.5  | 4441.2  | 4571.6  | 4668.9  | 4656.3  | 4614.4  | 4502.1  |
| 52.5°  | 2946.8  | 3000.4  | 3087.4  | 3211.5  | 3323.6  | 3436.5  | 3510.7  | 3571.1  | 3572.3  | 3555.4  | 3498.6  |
| 55°    | 2463.0  | 2530.7  | 2593.3  | 2674.4  | 2812.7  | 2833.9  | 2940.3  | 2918.7  | 2927.1  | 2897.6  | 2927.8  |
| 57.5°  | 2171.5  | 2211.0  | 2246.3  | 2294.5  | 2334.5  | 2381.0  | 2408.5  | 2435.0  | 2432.4  | 2426.7  | 2397.7  |
| 60°    | 1965.0  | 1986.9  | 2006.4  | 2034.6  | 2056.5  | 2082.8  | 2095.5  | 2109.0  | 2104.5  | 2094.8  | 2069.0  |
| 62.5°  | 1805.8  | 1819.6  | 1830.7  | 1848.8  | 1862.2  | 1878.6  | 1885.1  | 1890.9  | 1885.1  | 1875.9  | 1853.1  |
| 65°    | 1648.9  | 1657.6  | 1664.7  | 1678.3  | 1687.8  | 1701.8  | 1707.4  | 1712.8  | 1707.5  | 1700.3  | 1682.9  |
| 67.5°  | 1507.2  | 1508.0  | 1507.3  | 1512.9  | 1515.8  | 1524.2  | 1526.8  | 1530.6  | 1524.5  | 1518.3  | 1503.7  |
| 70°    | 1399.7  | 1397.5  | 1394.8  | 1397.0  | 1397.5  | 1401.6  | 1402.3  | 1401.6  | 1394.3  | 1383.5  | 1367.5  |
| 72.5°  | 1315.8  | 1314.6  | 1312.5  | 1314.4  | 1314.4  | 1318.1  | 1316.9  | 1315.1  | 1306.1  | 1295.6  | 1279.8  |
| 75°    | 1207.8  | 1206.9  | 1202.9  | 1203.1  | 1199.7  | 1200.8  | 1196.5  | 1194.0  | 1184.0  | 1175.2  | 1161.1  |
| 77.5°  | 1081.5  | 1079.4  | 1073.5  | 1071.4  | 1064.9  | 1062.2  | 1054.0  | 1050.0  | 1039.8  | 1032.8  | 1020.6  |
| 80°    | 940.4   | 938.3   | 930.7   | 926.5   | 916.4   | 909.9   | 897.8   | 890.8   | 879.2   | 872.4   | 860.5   |
| 82.5°  | 777.4   | 778.2   | 770.6   | 765.4   | 750.9   | 739.8   | 723.5   | 714.8   | 701.9   | 695.3   | 683.1   |
| 85°    | 552.8   | 545.0   | 549.2   | 548.8   | 539.8   | 530.1   | 517.0   | 507.6   | 496.8   | 490.5   | 481.9   |
| 87.5°  | 303.2   | 305.1   | 302.9   | 301.1   | 294.7   | 289.8   | 279.5   | 274.1   | 266.2   | 262.3   | 255.9   |
| 90°    | 96.3    | 95.4    | 87.3    | 86.6    | 78.8    | 75.3    | 66.2    | 63.9    | 55.6    | 54.1    | 48.2    |
| 92.5°  | 58.2    | 55.2    | 52.6    | 49.1    | 46.6    | 43.5    | 40.5    | 37.5    | 34.5    | 33.1    | 32.4    |
| 95°    | 72.7    | 68.5    | 64.1    | 59.7    | 55.4    | 51.0    | 46.9    | 42.4    | 38.1    | 37.2    | 36.3    |
| 97.5°  | 82.0    | 76.8    | 71.7    | 66.7    | 61.5    | 56.4    | 51.5    | 46.3    | 41.2    | 40.6    | 40.1    |
| 100°   | 141.7   | 130.1   | 118.3   | 106.4   | 94.6    | 82.7    | 71.1    | 59.2    | 47.5    | 46.9    | 46.2    |
| 102.5° | 316.3   | 287.8   | 259.1   | 230.5   | 202.2   | 173.4   | 144.8   | 116.1   | 87.5    | 83.4    | 79.3    |
| 105°   | 557.7   | 514.4   | 471.4   | 428.1   | 384.8   | 341.3   | 298.2   | 254.7   | 211.4   | 197.5   | 183.5   |
| 107.5° | 732.5   | 691.7   | 651.3   | 610.7   | 569.9   | 529.4   | 488.8   | 448.0   | 407.2   | 382.7   | 358.3   |
| 110°   | 812.5   | 780.3   | 748.5   | 716.3   | 684.2   | 652.0   | 619.8   | 587.5   | 555.4   | 534.4   | 513.5   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 804.8  | 781.5 | 758.3  | 734.7 | 711.5  | 687.9 | 664.6  | 641.0 | 617.5  | 605.0 | 592.3  |
| 115°   | 731.1  | 717.3 | 703.5  | 689.7 | 675.8  | 662.0 | 648.1  | 633.9 | 619.8  | 613.3 | 607.0  |
| 117.5° | 643.3  | 636.5 | 629.9  | 623.2 | 616.4  | 609.4 | 602.7  | 595.8 | 588.9  | 586.9 | 584.9  |
| 120°   | 554.3  | 552.8 | 551.0  | 549.5 | 547.9  | 546.3 | 544.6  | 542.8 | 540.9  | 541.8 | 542.6  |
| 122.5° | 480.9  | 482.5 | 484.4  | 485.5 | 487.4  | 488.7 | 490.5  | 491.5 | 493.0  | 495.6 | 498.0  |
| 125°   | 430.8  | 433.7 | 436.6  | 439.5 | 442.3  | 445.3 | 448.2  | 450.8 | 453.8  | 456.1 | 458.9  |
| 127.5° | 396.3  | 399.4 | 402.7  | 405.9 | 409.3  | 412.5 | 415.6  | 418.6 | 421.8  | 424.1 | 427.0  |
| 130°   | 373.9  | 376.6 | 379.8  | 382.6 | 385.6  | 388.6 | 391.5  | 394.5 | 397.3  | 399.7 | 401.9  |
| 132.5° | 359.1  | 361.9 | 364.8  | 367.4 | 370.3  | 372.9 | 375.8  | 378.4 | 381.5  | 383.3 | 385.3  |
| 135°   | 351.8  | 353.8 | 356.3  | 358.3 | 361.0  | 363.1 | 365.4  | 367.9 | 370.4  | 372.0 | 373.9  |
| 137.5° | 345.7  | 347.5 | 349.6  | 351.5 | 353.7  | 355.6 | 357.8  | 359.8 | 362.4  | 363.5 | 365.4  |
| 140°   | 340.9  | 342.8 | 344.8  | 346.7 | 348.9  | 350.9 | 353.3  | 355.4 | 357.9  | 359.2 | 360.9  |
| 142.5° | 338.5  | 339.9 | 341.6  | 343.2 | 345.1  | 346.6 | 348.8  | 350.8 | 352.9  | 354.4 | 355.9  |
| 145°   | 335.3  | 336.8 | 338.7  | 340.3 | 342.0  | 344.0 | 346.4  | 348.5 | 350.8  | 352.0 | 353.3  |
| 147.5° | 334.2  | 335.5 | 337.2  | 338.8 | 340.4  | 341.8 | 344.1  | 346.0 | 348.1  | 349.4 | 350.5  |
| 150°   | 332.1  | 333.4 | 334.9  | 336.3 | 338.1  | 340.0 | 341.9  | 343.9 | 346.4  | 347.6 | 348.8  |
| 152.5° | 330.2  | 331.6 | 333.2  | 335.0 | 336.7  | 338.7 | 340.8  | 342.8 | 345.0  | 346.1 | 347.5  |
| 155°   | 329.5  | 330.6 | 332.4  | 334.1 | 336.0  | 337.6 | 339.7  | 341.6 | 343.7  | 345.0 | 346.2  |
| 157.5° | 330.7  | 331.8 | 333.5  | 335.1 | 336.7  | 338.4 | 340.4  | 341.9 | 343.9  | 345.0 | 346.0  |
| 160°   | 333.2  | 334.4 | 335.8  | 337.3 | 338.9  | 340.4 | 342.0  | 343.5 | 345.2  | 346.3 | 347.2  |
| 162.5° | 336.2  | 337.6 | 339.0  | 340.2 | 341.9  | 343.4 | 345.1  | 346.4 | 348.1  | 348.9 | 350.0  |
| 165°   | 340.6  | 341.6 | 343.0  | 343.9 | 345.2  | 346.2 | 347.6  | 348.7 | 350.2  | 350.8 | 351.9  |
| 167.5° | 347.5  | 348.2 | 349.0  | 349.9 | 351.1  | 352.0 | 353.1  | 354.0 | 355.1  | 355.9 | 356.7  |
| 170°   | 352.0  | 352.7 | 353.3  | 354.3 | 355.1  | 356.0 | 356.8  | 357.5 | 358.6  | 359.2 | 360.0  |
| 172.5° | 357.0  | 357.3 | 358.0  | 358.3 | 359.0  | 359.3 | 360.1  | 360.7 | 361.2  | 362.0 | 362.5  |
| 175°   | 361.8  | 361.9 | 362.2  | 362.3 | 362.7  | 362.9 | 363.3  | 363.7 | 364.0  | 364.4 | 364.8  |
| 177.5° | 365.8  | 365.9 | 366.1  | 366.2 | 366.6  | 366.7 | 367.1  | 367.2 | 367.5  | 367.8 | 368.4  |
| 180°   | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 167.5°  | 170°    | 172.5°  | 175°    | 177.5°  | 180°    | 182.5°  | 185°    | 187.5°  | 190°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45358.0 | 45357.5 | 45356.0 | 45354.0 | 45352.0 | 45353.2 | 45355.1 | 45360.3 | 45369.5 | 45382.6 | 45399.8 |
| 5°     | 45198.9 | 45208.1 | 45213.3 | 45214.0 | 45209.3 | 45206.4 | 45210.7 | 45223.2 | 45248.4 | 45290.6 | 45347.6 |
| 7.5°   | 45031.9 | 45043.3 | 45060.8 | 45074.0 | 45076.6 | 45073.3 | 45074.0 | 45093.6 | 45139.9 | 45222.0 | 45337.3 |
| 10°    | 44853.6 | 44819.7 | 44837.6 | 44870.3 | 44896.2 | 44900.9 | 44904.2 | 44927.3 | 44995.0 | 45119.2 | 45304.3 |
| 12.5°  | 44689.0 | 44581.7 | 44561.0 | 44590.4 | 44629.9 | 44642.6 | 44639.1 | 44649.0 | 44728.4 | 44892.7 | 45150.5 |
| 15°    | 44472.4 | 44270.5 | 44201.5 | 44209.1 | 44257.8 | 44275.4 | 44262.5 | 44243.0 | 44320.4 | 44521.0 | 44854.8 |
| 17.5°  | 44121.9 | 43796.4 | 43669.5 | 43663.9 | 43721.0 | 43736.1 | 43704.8 | 43644.1 | 43720.3 | 43970.6 | 44385.0 |
| 20°    | 43589.1 | 43108.6 | 42869.8 | 42831.8 | 42893.7 | 42875.7 | 42813.1 | 42721.4 | 42821.5 | 43125.8 | 43618.6 |
| 22.5°  | 42631.3 | 42022.4 | 41614.4 | 41482.8 | 41556.9 | 41507.5 | 41416.2 | 41299.0 | 41432.1 | 41777.9 | 42326.7 |
| 25°    | 41066.1 | 40362.6 | 39804.0 | 39490.6 | 39549.7 | 39461.1 | 39361.8 | 39219.7 | 39378.5 | 39775.3 | 40379.4 |
| 27.5°  | 38765.5 | 37952.9 | 37260.7 | 36741.9 | 36761.0 | 36645.0 | 36530.5 | 36346.8 | 36544.9 | 37014.6 | 37696.0 |
| 30°    | 35706.3 | 34766.1 | 33923.1 | 33218.0 | 33154.9 | 33042.5 | 32925.3 | 32684.0 | 32932.0 | 33494.3 | 34290.6 |
| 32.5°  | 31864.5 | 30820.6 | 29846.5 | 28955.1 | 28786.9 | 28677.1 | 28572.7 | 28295.1 | 28619.8 | 29275.4 | 30190.2 |
| 35°    | 27371.7 | 26259.5 | 25203.6 | 24185.5 | 23906.9 | 23797.1 | 23705.8 | 23439.8 | 23845.0 | 24558.4 | 25546.4 |
| 37.5°  | 22440.2 | 21304.0 | 20255.7 | 19211.7 | 18818.0 | 18669.1 | 18602.8 | 18428.5 | 18895.9 | 19601.6 | 20593.7 |
| 40°    | 17377.5 | 16321.1 | 15381.2 | 14459.0 | 14010.2 | 13782.4 | 13747.7 | 13715.9 | 14167.8 | 14780.0 | 15680.5 |
| 42.5°  | 12641.4 | 11789.2 | 11064.4 | 10359.6 | 9952.9  | 9641.8  | 9641.6  | 9736.0  | 10142.8 | 10601.4 | 11295.8 |
| 45°    | 8744.4  | 8172.6  | 7710.7  | 7239.8  | 7365.6  | 6745.3  | 7109.8  | 6922.7  | 7123.8  | 7419.4  | 7871.0  |
| 47.5°  | 6011.0  | 5698.8  | 5445.1  | 5182.0  | 4990.2  | 4807.1  | 4823.1  | 4941.2  | 5130.5  | 5306.0  | 5540.9  |
| 50°    | 4381.0  | 4221.9  | 4092.8  | 3956.1  | 3860.6  | 3779.9  | 3784.6  | 3835.7  | 3935.2  | 4027.6  | 4150.6  |
| 52.5°  | 3432.8  | 3345.1  | 3274.9  | 3199.4  | 3149.3  | 3109.1  | 3111.3  | 3136.1  | 3189.9  | 3242.7  | 3313.2  |
| 55°    | 2829.5  | 2818.8  | 2727.6  | 2659.8  | 2634.0  | 2607.0  | 2611.9  | 2621.7  | 2658.2  | 2689.2  | 2735.8  |
| 57.5°  | 2371.0  | 2330.1  | 2302.8  | 2267.0  | 2250.6  | 2231.7  | 2236.0  | 2239.7  | 2264.2  | 2284.9  | 2318.5  |
| 60°    | 2047.4  | 2018.4  | 1999.0  | 1974.7  | 1963.9  | 1951.9  | 1954.6  | 1956.8  | 1972.5  | 1986.0  | 2010.1  |
| 62.5°  | 1832.3  | 1806.4  | 1789.5  | 1770.8  | 1763.2  | 1755.1  | 1757.0  | 1757.6  | 1767.4  | 1777.3  | 1795.6  |
| 65°    | 1667.4  | 1646.8  | 1632.8  | 1616.6  | 1608.7  | 1600.2  | 1601.1  | 1601.1  | 1609.4  | 1616.6  | 1630.3  |
| 67.5°  | 1493.0  | 1477.4  | 1468.4  | 1455.5  | 1450.1  | 1441.6  | 1441.4  | 1438.6  | 1444.0  | 1447.0  | 1456.2  |
| 70°    | 1353.0  | 1337.4  | 1325.7  | 1313.4  | 1306.6  | 1299.1  | 1299.2  | 1299.4  | 1305.6  | 1312.2  | 1324.2  |
| 72.5°  | 1266.5  | 1251.5  | 1241.2  | 1230.4  | 1224.0  | 1217.5  | 1216.4  | 1215.8  | 1220.3  | 1223.8  | 1231.8  |
| 75°    | 1151.9  | 1140.0  | 1133.9  | 1123.8  | 1118.7  | 1111.4  | 1110.3  | 1106.9  | 1109.1  | 1109.8  | 1115.7  |
| 77.5°  | 1013.0  | 1001.7  | 996.8   | 986.5   | 982.3   | 974.0   | 973.3   | 969.6   | 971.4   | 970.1   | 974.7   |
| 80°    | 854.6   | 844.4   | 841.6   | 833.2   | 831.2   | 823.5   | 822.4   | 817.8   | 819.2   | 815.7   | 817.4   |
| 82.5°  | 677.9   | 668.4   | 666.4   | 658.6   | 658.6   | 651.7   | 651.3   | 644.5   | 644.5   | 638.6   | 629.1   |
| 85°    | 477.5   | 470.6   | 467.7   | 461.3   | 459.4   | 453.9   | 451.0   | 444.4   | 442.0   | 437.8   | 436.5   |
| 87.5°  | 252.0   | 247.6   | 243.7   | 240.7   | 235.2   | 225.1   | 224.4   | 217.4   | 217.9   | 213.1   | 213.4   |
| 90°    | 47.4    | 42.1    | 41.6    | 36.6    | 35.8    | 32.4    | 31.8    | 31.4    | 31.8    | 31.6    | 32.2    |
| 92.5°  | 31.4    | 30.5    | 29.4    | 28.4    | 27.4    | 26.3    | 25.3    | 26.3    | 27.4    | 28.4    | 29.4    |
| 95°    | 35.5    | 34.6    | 33.6    | 32.7    | 31.8    | 30.9    | 30.1    | 30.9    | 31.8    | 32.8    | 33.7    |
| 97.5°  | 39.5    | 38.9    | 38.4    | 37.8    | 37.2    | 36.7    | 36.1    | 36.9    | 37.4    | 38.0    | 38.6    |
| 100°   | 45.6    | 44.9    | 44.2    | 43.5    | 42.9    | 42.2    | 41.6    | 42.5    | 43.2    | 43.8    | 44.5    |
| 102.5° | 75.2    | 71.1    | 67.0    | 62.9    | 58.6    | 54.5    | 50.4    | 54.5    | 58.6    | 63.0    | 67.1    |
| 105°   | 169.5   | 155.8   | 141.7   | 127.8   | 113.8   | 99.8    | 85.9    | 100.0   | 114.0   | 128.0   | 142.0   |
| 107.5° | 333.7   | 309.4   | 284.8   | 260.4   | 235.6   | 211.2   | 186.5   | 211.4   | 235.9   | 260.6   | 285.2   |
| 110°   | 492.3   | 471.1   | 450.1   | 429.0   | 407.7   | 386.6   | 365.4   | 386.7   | 408.0   | 429.3   | 450.6   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 167.5° | 170°  | 172.5° | 175°  | 177.5° | 180°  | 182.5° | 185°  | 187.5° | 190°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 579.5 | 566.9  | 554.0 | 541.4  | 528.5 | 515.8  | 502.8 | 516.1  | 529.1 | 542.2  | 555.0 |
| 115°   | 600.6 | 593.9  | 587.5 | 580.9  | 574.1 | 567.6  | 560.6 | 568.1  | 574.9 | 581.9  | 588.9 |
| 117.5° | 582.8 | 580.9  | 578.9 | 576.8  | 574.4 | 572.4  | 570.0 | 572.8  | 575.3 | 578.3  | 580.5 |
| 120°   | 543.2 | 544.2  | 544.9 | 545.4  | 546.0 | 546.5  | 546.8 | 547.2  | 547.2 | 547.2  | 547.0 |
| 122.5° | 500.3 | 502.7  | 504.9 | 507.2  | 509.2 | 511.4  | 513.2 | 512.1  | 510.6 | 509.4  | 507.5 |
| 125°   | 461.2 | 464.0  | 466.3 | 468.7  | 470.9 | 473.4  | 475.0 | 474.2  | 472.8 | 471.3  | 469.4 |
| 127.5° | 429.4 | 431.8  | 434.0 | 436.6  | 438.5 | 440.6  | 442.3 | 441.6  | 440.4 | 439.2  | 437.5 |
| 130°   | 403.9 | 406.4  | 408.1 | 410.3  | 411.9 | 413.5  | 414.8 | 414.5  | 413.7 | 413.2  | 412.0 |
| 132.5° | 387.2 | 389.3  | 391.1 | 392.9  | 394.2 | 395.8  | 396.6 | 396.8  | 396.4 | 396.1  | 395.2 |
| 135°   | 375.6 | 377.2  | 378.8 | 380.5  | 381.6 | 382.8  | 383.4 | 384.0  | 383.9 | 383.8  | 383.2 |
| 137.5° | 366.6 | 368.3  | 369.4 | 370.6  | 371.5 | 372.3  | 372.8 | 373.5  | 373.7 | 374.2  | 374.0 |
| 140°   | 362.1 | 363.7  | 365.1 | 366.2  | 367.3 | 368.3  | 368.6 | 369.4  | 369.6 | 369.9  | 369.6 |
| 142.5° | 357.3 | 358.7  | 360.1 | 361.4  | 362.2 | 363.1  | 363.6 | 364.3  | 364.5 | 364.8  | 364.6 |
| 145°   | 354.7 | 355.8  | 357.1 | 358.1  | 358.9 | 359.5  | 359.7 | 360.7  | 361.1 | 361.4  | 361.6 |
| 147.5° | 351.8 | 353.0  | 353.9 | 354.9  | 355.6 | 356.2  | 356.6 | 357.3  | 357.7 | 358.0  | 358.3 |
| 150°   | 350.2 | 351.5  | 352.5 | 353.6  | 354.4 | 355.2  | 355.4 | 356.2  | 356.5 | 356.8  | 356.8 |
| 152.5° | 348.6 | 349.7  | 350.7 | 351.6  | 352.4 | 353.0  | 353.4 | 354.1  | 354.7 | 355.1  | 355.2 |
| 155°   | 347.2 | 348.4  | 349.4 | 350.4  | 351.1 | 352.0  | 352.6 | 353.3  | 353.8 | 354.1  | 354.5 |
| 157.5° | 346.9 | 348.1  | 349.0 | 350.0  | 350.7 | 351.7  | 352.3 | 353.2  | 353.7 | 354.4  | 354.7 |
| 160°   | 348.1 | 349.3  | 350.0 | 351.0  | 351.8 | 352.6  | 353.3 | 354.1  | 354.8 | 355.3  | 356.0 |
| 162.5° | 350.8 | 351.9  | 352.3 | 353.3  | 354.2 | 355.0  | 355.7 | 356.6  | 357.3 | 357.8  | 358.4 |
| 165°   | 352.8 | 353.8  | 354.6 | 355.6  | 356.6 | 357.5  | 358.0 | 358.8  | 359.2 | 359.8  | 360.2 |
| 167.5° | 357.5 | 358.4  | 359.1 | 360.0  | 360.6 | 361.6  | 362.4 | 363.0  | 363.3 | 363.7  | 364.1 |
| 170°   | 360.6 | 361.4  | 362.3 | 362.9  | 363.6 | 364.4  | 364.8 | 365.2  | 365.7 | 366.1  | 366.5 |
| 172.5° | 363.1 | 363.9  | 364.5 | 365.4  | 366.0 | 366.7  | 367.3 | 367.7  | 367.9 | 367.9  | 367.9 |
| 175°   | 365.2 | 365.9  | 366.4 | 366.9  | 367.3 | 367.9  | 368.5 | 368.5  | 368.6 | 368.6  | 368.7 |
| 177.5° | 368.7 | 369.4  | 370.0 | 370.3  | 370.7 | 371.1  | 371.6 | 371.3  | 371.1 | 370.9  | 370.6 |
| 180°   | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 192.5°  | 195°    | 197.5°  | 200°    | 202.5°  | 205°    | 207.5°  | 210°    | 212.5°  | 215°    | 217.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45424.2 | 45446.9 | 45481.7 | 45513.2 | 45560.6 | 45598.1 | 45654.2 | 45696.9 | 45760.3 | 45801.5 | 45870.4 |
| 5°     | 45428.2 | 45517.1 | 45634.0 | 45748.0 | 45885.1 | 46009.5 | 46164.2 | 46296.0 | 46451.5 | 46578.3 | 46737.3 |
| 7.5°   | 45492.5 | 45663.8 | 45869.3 | 46076.2 | 46310.3 | 46529.3 | 46776.0 | 46999.3 | 47243.4 | 47449.9 | 47675.6 |
| 10°    | 45539.8 | 45804.1 | 46106.9 | 46411.5 | 46732.1 | 47030.0 | 47330.7 | 47590.6 | 47833.5 | 48033.3 | 48209.9 |
| 12.5°  | 45475.6 | 45839.7 | 46228.2 | 46603.2 | 46959.8 | 47268.1 | 47526.9 | 47726.8 | 47864.7 | 47958.3 | 47980.2 |
| 15°    | 45257.2 | 45695.4 | 46117.7 | 46491.2 | 46787.1 | 47015.3 | 47133.4 | 47188.7 | 47129.3 | 47030.8 | 46814.2 |
| 17.5°  | 44849.2 | 45311.3 | 45688.9 | 45983.6 | 46140.0 | 46201.9 | 46104.0 | 45933.8 | 45601.2 | 45232.1 | 44698.9 |
| 20°    | 44101.2 | 44531.8 | 44805.7 | 44966.4 | 44924.6 | 44769.9 | 44400.6 | 43951.6 | 43287.5 | 42579.8 | 41646.0 |
| 22.5°  | 42789.1 | 43165.5 | 43311.5 | 43323.5 | 43068.3 | 42681.0 | 42014.8 | 41244.7 | 40197.1 | 39108.0 | 37768.7 |
| 25°    | 40819.7 | 41149.4 | 41172.5 | 41042.9 | 40576.0 | 39948.4 | 38970.1 | 37880.7 | 36457.2 | 35006.0 | 33327.7 |
| 27.5°  | 38148.7 | 38464.9 | 38387.5 | 38145.9 | 37497.5 | 36657.7 | 35405.2 | 33997.9 | 32243.0 | 30529.0 | 28672.4 |
| 30°    | 34791.1 | 35129.3 | 35038.5 | 34728.5 | 33957.3 | 32964.7 | 31491.0 | 29856.0 | 27907.5 | 26076.8 | 24195.5 |
| 32.5°  | 30773.1 | 31200.7 | 31137.9 | 30843.2 | 30038.6 | 28976.3 | 27377.3 | 25643.1 | 23649.6 | 21845.7 | 20015.5 |
| 35°    | 26206.1 | 26725.2 | 26752.1 | 26559.4 | 25812.4 | 24762.5 | 23183.4 | 21504.9 | 19595.6 | 17893.4 | 16202.7 |
| 37.5°  | 21285.7 | 21887.5 | 22011.1 | 21959.1 | 21340.0 | 20413.2 | 18974.5 | 17468.7 | 15777.2 | 14285.4 | 12839.5 |
| 40°    | 16337.9 | 16947.2 | 17158.5 | 17221.3 | 16764.4 | 16046.5 | 14865.7 | 13650.3 | 12271.4 | 11062.5 | 9914.4  |
| 42.5°  | 11825.9 | 12366.0 | 12570.2 | 12698.8 | 12413.5 | 11934.9 | 11073.5 | 10190.9 | 9180.7  | 8308.8  | 7472.9  |
| 45°    | 8213.3  | 8595.3  | 8750.7  | 8880.1  | 8724.7  | 8454.7  | 7910.8  | 7358.7  | 6691.9  | 6122.1  | 5582.7  |
| 47.5°  | 5742.4  | 5953.1  | 6055.6  | 6118.4  | 6058.2  | 5917.3  | 5621.4  | 5301.6  | 4925.1  | 4592.2  | 4272.0  |
| 50°    | 4256.4  | 4368.5  | 4422.1  | 4458.5  | 4414.6  | 4336.3  | 4176.1  | 4002.0  | 3795.2  | 3606.6  | 3422.4  |
| 52.5°  | 3373.0  | 3437.4  | 3469.2  | 3488.8  | 3463.6  | 3415.8  | 3322.5  | 3219.2  | 3095.3  | 2978.8  | 2917.6  |
| 55°    | 2841.6  | 2838.3  | 2912.0  | 2876.4  | 2912.0  | 2832.5  | 2815.8  | 2702.3  | 2599.4  | 2526.9  | 2448.4  |
| 57.5°  | 2343.4  | 2376.8  | 2391.0  | 2406.8  | 2396.6  | 2382.0  | 2342.3  | 2301.8  | 2247.5  | 2202.1  | 2153.6  |
| 60°    | 2028.5  | 2056.0  | 2071.5  | 2087.2  | 2086.2  | 2080.8  | 2057.9  | 2033.5  | 1999.6  | 1972.5  | 1943.1  |
| 62.5°  | 1811.6  | 1835.4  | 1850.7  | 1865.7  | 1867.1  | 1864.9  | 1847.6  | 1830.7  | 1807.6  | 1790.5  | 1770.3  |
| 65°    | 1640.9  | 1657.6  | 1668.1  | 1680.1  | 1679.4  | 1676.2  | 1660.4  | 1646.5  | 1627.4  | 1615.7  | 1600.8  |
| 67.5°  | 1462.3  | 1475.0  | 1483.0  | 1494.3  | 1496.5  | 1497.2  | 1488.6  | 1482.1  | 1472.7  | 1469.4  | 1464.3  |
| 70°    | 1335.3  | 1350.6  | 1363.6  | 1377.9  | 1385.7  | 1389.4  | 1385.7  | 1382.4  | 1377.0  | 1374.6  | 1370.7  |
| 72.5°  | 1239.1  | 1252.1  | 1262.2  | 1275.3  | 1282.5  | 1287.8  | 1284.9  | 1283.1  | 1278.3  | 1277.6  | 1274.9  |
| 75°    | 1119.8  | 1128.7  | 1134.4  | 1144.2  | 1148.1  | 1153.0  | 1150.7  | 1151.9  | 1150.4  | 1154.2  | 1154.0  |
| 77.5°  | 976.2   | 982.8   | 985.5   | 992.6   | 993.3   | 999.2   | 1000.5  | 1007.4  | 1012.3  | 1023.1  | 1028.8  |
| 80°    | 814.6   | 818.8   | 818.8   | 826.1   | 829.3   | 839.3   | 844.0   | 855.3   | 860.5   | 870.1   | 871.0   |
| 82.5°  | 632.8   | 628.0   | 632.8   | 629.7   | 639.1   | 650.2   | 651.7   | 661.4   | 663.5   | 669.6   | 664.9   |
| 85°    | 432.6   | 432.3   | 428.4   | 429.1   | 426.2   | 427.6   | 425.9   | 427.7   | 426.0   | 426.2   | 421.8   |
| 87.5°  | 207.3   | 209.1   | 204.6   | 206.1   | 201.8   | 203.7   | 199.9   | 202.9   | 198.3   | 199.0   | 192.2   |
| 90°    | 32.3    | 32.8    | 32.9    | 33.5    | 34.7    | 36.1    | 38.0    | 39.6    | 42.0    | 43.5    | 45.6    |
| 92.5°  | 30.5    | 31.6    | 32.6    | 33.7    | 34.7    | 37.7    | 40.7    | 43.7    | 46.9    | 49.7    | 52.7    |
| 95°    | 34.7    | 35.6    | 36.4    | 37.7    | 38.6    | 42.9    | 47.3    | 51.7    | 56.1    | 60.4    | 64.8    |
| 97.5°  | 39.4    | 40.0    | 40.6    | 41.1    | 41.8    | 47.0    | 52.2    | 57.3    | 62.4    | 67.6    | 72.5    |
| 100°   | 45.4    | 46.1    | 46.7    | 47.5    | 48.2    | 60.1    | 72.0    | 83.8    | 95.7    | 107.4   | 119.2   |
| 102.5° | 71.4    | 75.5    | 79.8    | 84.2    | 88.3    | 117.1   | 145.8   | 174.6   | 203.0   | 231.7   | 260.3   |
| 105°   | 156.1   | 170.0   | 184.4   | 198.4   | 212.4   | 255.9   | 299.4   | 342.9   | 386.0   | 429.5   | 473.0   |
| 107.5° | 309.9   | 334.5   | 359.3   | 383.9   | 408.5   | 449.5   | 490.3   | 531.0   | 572.0   | 612.7   | 653.2   |
| 110°   | 472.2   | 493.1   | 514.7   | 536.0   | 557.2   | 589.4   | 622.0   | 654.2   | 686.5   | 718.8   | 751.0   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 568.2  | 581.0 | 594.0  | 606.7 | 619.6  | 643.3 | 667.2  | 690.7 | 714.5  | 737.8 | 761.4  |
| 115°   | 595.8  | 602.2 | 609.2  | 615.8 | 622.8  | 636.9 | 651.0  | 665.1 | 679.3  | 693.2 | 707.4  |
| 117.5° | 582.9  | 585.2 | 587.8  | 589.7 | 592.0  | 599.1 | 606.3  | 613.3 | 620.5  | 627.5 | 634.6  |
| 120°   | 546.8  | 546.3 | 546.0  | 545.4 | 545.0  | 546.7 | 548.9  | 550.8 | 552.8  | 554.5 | 556.2  |
| 122.5° | 506.0  | 503.8 | 502.0  | 499.9 | 497.9  | 496.4 | 495.4  | 493.9 | 493.0  | 491.4 | 490.3  |
| 125°   | 467.8  | 465.6 | 463.6  | 461.3 | 459.0  | 456.5 | 454.0  | 451.3 | 448.6  | 446.0 | 443.2  |
| 127.5° | 436.2  | 434.1 | 432.4  | 430.1 | 428.1  | 425.0 | 422.1  | 419.0 | 416.2  | 412.9 | 410.0  |
| 130°   | 411.0  | 409.3 | 408.0  | 405.9 | 404.5  | 401.4 | 398.9  | 396.1 | 393.3  | 390.6 | 387.8  |
| 132.5° | 394.4  | 393.1 | 391.9  | 390.3 | 388.9  | 386.1 | 384.1  | 381.1 | 378.6  | 376.0 | 373.6  |
| 135°   | 382.6  | 381.7 | 380.9  | 379.7 | 378.5  | 376.1 | 374.2  | 372.0 | 369.9  | 367.8 | 365.7  |
| 137.5° | 373.9  | 373.0 | 372.5  | 371.7 | 370.8  | 368.7 | 367.1  | 365.1 | 363.4  | 361.4 | 359.7  |
| 140°   | 369.5  | 368.8 | 368.5  | 367.7 | 366.9  | 364.9 | 363.1  | 361.1 | 359.3  | 357.4 | 355.6  |
| 142.5° | 364.3  | 363.8 | 363.4  | 362.7 | 362.0  | 360.2 | 359.1  | 357.5 | 355.9  | 354.4 | 352.9  |
| 145°   | 361.4  | 361.1 | 360.9  | 360.3 | 360.1  | 358.2 | 356.8  | 355.0 | 353.7  | 352.0 | 350.5  |
| 147.5° | 358.4  | 358.1 | 358.1  | 357.8 | 357.7  | 356.3 | 355.2  | 353.7 | 352.6  | 351.3 | 350.2  |
| 150°   | 356.9  | 356.8 | 356.8  | 356.4 | 356.2  | 354.8 | 353.9  | 352.5 | 351.7  | 350.2 | 349.2  |
| 152.5° | 355.4  | 355.5 | 355.6  | 355.5 | 355.6  | 354.6 | 353.5  | 352.3 | 351.3  | 349.9 | 348.9  |
| 155°   | 354.8  | 355.0 | 355.1  | 355.1 | 355.1  | 354.2 | 353.3  | 352.3 | 351.5  | 350.3 | 349.4  |
| 157.5° | 355.1  | 355.4 | 355.7  | 355.9 | 356.1  | 355.3 | 354.5  | 353.7 | 352.9  | 352.0 | 351.2  |
| 160°   | 356.4  | 356.9 | 357.2  | 357.4 | 357.7  | 357.1 | 356.7  | 355.8 | 355.4  | 354.4 | 353.5  |
| 162.5° | 358.9  | 359.4 | 359.7  | 359.9 | 360.2  | 359.5 | 359.2  | 358.6 | 357.9  | 356.9 | 356.2  |
| 165°   | 360.7  | 360.8 | 361.2  | 361.3 | 361.5  | 361.0 | 360.8  | 360.3 | 359.9  | 359.2 | 358.8  |
| 167.5° | 364.4  | 364.5 | 364.9  | 365.0 | 365.2  | 364.9 | 365.1  | 364.6 | 364.2  | 363.9 | 363.5  |
| 170°   | 366.6  | 366.9 | 367.1  | 367.2 | 367.4  | 367.1 | 366.9  | 366.6 | 366.5  | 365.9 | 365.5  |
| 172.5° | 368.2  | 368.2 | 368.2  | 368.4 | 368.4  | 368.2 | 368.0  | 367.8 | 367.8  | 367.5 | 367.3  |
| 175°   | 368.6  | 368.6 | 368.7  | 368.6 | 368.6  | 368.6 | 368.6  | 368.6 | 368.6  | 368.4 | 368.3  |
| 177.5° | 370.6  | 370.5 | 370.2  | 369.9 | 369.8  | 369.7 | 369.8  | 369.6 | 369.8  | 369.7 | 369.6  |
| 180°   | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 222.5°  | 225°    | 227.5°  | 230°    | 232.5°  | 235°    | 237.5°  | 240°    | 242.5°  | 245°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45913.1 | 45629.6 | 45592.2 | 45612.0 | 45659.4 | 45676.9 | 45728.1 | 45742.1 | 45793.5 | 45806.2 | 45855.6 |
| 5°     | 46860.5 | 46485.7 | 46504.4 | 46594.5 | 46730.9 | 46812.2 | 46946.3 | 47016.5 | 47144.5 | 47202.7 | 47318.4 |
| 7.5°   | 47859.5 | 47565.2 | 47656.9 | 47808.9 | 47995.4 | 48124.6 | 48285.7 | 48390.6 | 48529.4 | 48615.6 | 48726.7 |
| 10°    | 48349.9 | 48269.3 | 48370.3 | 48489.9 | 48596.4 | 48679.7 | 48747.9 | 48802.6 | 48838.4 | 48871.9 | 48886.6 |
| 12.5°  | 47976.6 | 48101.5 | 48118.7 | 48107.1 | 48036.6 | 47982.7 | 47861.8 | 47779.7 | 47633.8 | 47544.9 | 47371.4 |
| 15°    | 46593.0 | 46867.4 | 46715.4 | 46485.3 | 46148.7 | 45868.1 | 45471.7 | 45176.6 | 44763.8 | 44483.9 | 44069.6 |
| 17.5°  | 44164.6 | 44511.0 | 44115.0 | 43582.7 | 42905.5 | 42326.2 | 41604.8 | 41032.1 | 40314.9 | 39793.2 | 39123.8 |
| 20°    | 40746.0 | 41069.7 | 40363.4 | 39481.0 | 38433.4 | 37551.8 | 36512.2 | 35682.7 | 34716.6 | 33997.9 | 33130.7 |
| 22.5°  | 36489.4 | 36720.0 | 35725.1 | 34535.4 | 33200.8 | 32099.5 | 30856.4 | 29862.1 | 28759.4 | 27937.9 | 27013.1 |
| 25°    | 31780.3 | 31842.6 | 30649.2 | 29278.6 | 27791.2 | 26553.3 | 25226.3 | 24180.7 | 23056.3 | 22223.7 | 21316.0 |
| 27.5°  | 27027.5 | 26936.2 | 25646.3 | 24193.1 | 22628.5 | 21341.9 | 20047.5 | 19067.8 | 18083.0 | 17332.9 | 16551.0 |
| 30°    | 22541.4 | 22320.4 | 20981.1 | 19487.4 | 17968.6 | 16815.4 | 15740.9 | 14954.1 | 14170.6 | 13575.7 | 12948.0 |
| 32.5°  | 18427.5 | 18115.9 | 16812.1 | 15412.7 | 14132.9 | 13243.1 | 12446.3 | 11850.9 | 11218.2 | 10715.6 | 10188.9 |
| 35°    | 14783.8 | 14451.7 | 13296.7 | 12110.3 | 11141.7 | 10485.7 | 9859.5  | 9371.0  | 8833.8  | 8409.9  | 7952.4  |
| 37.5°  | 11656.6 | 11384.4 | 10417.0 | 9483.4  | 8750.7  | 8242.4  | 7729.3  | 7330.1  | 6886.2  | 6699.6  | 6210.8  |
| 40°    | 8998.8  | 8808.6  | 8052.1  | 7363.9  | 6813.8  | 6575.0  | 6054.2  | 5681.2  | 5349.5  | 5075.9  | 4810.9  |
| 42.5°  | 7019.3  | 6951.9  | 6215.8  | 5679.0  | 5291.6  | 4990.8  | 4700.5  | 4464.8  | 4235.5  | 4046.9  | 3868.8  |
| 45°    | 5151.1  | 5097.8  | 4770.9  | 4461.1  | 4197.2  | 3986.9  | 3790.7  | 3628.6  | 3478.6  | 3354.4  | 3241.3  |
| 47.5°  | 4011.1  | 3994.1  | 3805.8  | 3613.8  | 3447.5  | 3312.3  | 3185.0  | 3077.4  | 2977.9  | 2894.9  | 2868.0  |
| 50°    | 3262.4  | 3260.3  | 3149.8  | 3031.2  | 2912.8  | 2834.7  | 2753.4  | 2689.9  | 2625.9  | 2576.1  | 2523.6  |
| 52.5°  | 2772.0  | 2760.0  | 2685.5  | 2612.3  | 2541.9  | 2490.7  | 2438.7  | 2398.0  | 2355.7  | 2325.1  | 2292.2  |
| 55°    | 2386.4  | 2399.0  | 2355.9  | 2312.2  | 2268.2  | 2236.3  | 2199.9  | 2173.1  | 2144.0  | 2124.7  | 2104.9  |
| 57.5°  | 2118.6  | 2135.3  | 2112.7  | 2087.8  | 2061.0  | 2040.1  | 2015.0  | 1996.5  | 1977.0  | 1964.8  | 1953.3  |
| 60°    | 1923.8  | 1942.0  | 1932.8  | 1920.4  | 1903.9  | 1891.4  | 1875.4  | 1865.1  | 1852.6  | 1845.7  | 1839.2  |
| 62.5°  | 1758.5  | 1781.3  | 1778.0  | 1772.1  | 1761.5  | 1754.5  | 1745.8  | 1741.3  | 1733.0  | 1730.0  | 1726.9  |
| 65°    | 1593.6  | 1619.2  | 1618.7  | 1615.7  | 1609.9  | 1607.9  | 1602.5  | 1601.4  | 1597.2  | 1599.0  | 1598.6  |
| 67.5°  | 1463.8  | 1486.1  | 1491.0  | 1494.5  | 1494.3  | 1495.7  | 1495.2  | 1497.4  | 1497.4  | 1500.6  | 1502.6  |
| 70°    | 1370.2  | 1385.7  | 1389.4  | 1393.2  | 1394.1  | 1397.2  | 1397.2  | 1399.1  | 1398.6  | 1401.2  | 1401.6  |
| 72.5°  | 1275.6  | 1296.0  | 1299.8  | 1302.8  | 1302.8  | 1305.6  | 1304.1  | 1303.6  | 1299.6  | 1298.7  | 1295.8  |
| 75°    | 1157.9  | 1184.0  | 1189.7  | 1193.5  | 1194.0  | 1196.5  | 1193.0  | 1190.7  | 1184.0  | 1181.3  | 1176.6  |
| 77.5°  | 1034.9  | 1062.0  | 1066.1  | 1067.4  | 1065.3  | 1065.8  | 1058.4  | 1053.3  | 1044.7  | 1041.1  | 1036.6  |
| 80°    | 874.8   | 914.8   | 918.0   | 915.5   | 909.3   | 908.2   | 900.9   | 896.2   | 886.0   | 882.5   | 878.5   |
| 82.5°  | 665.7   | 712.6   | 719.2   | 722.1   | 717.0   | 718.1   | 711.3   | 708.5   | 699.1   | 697.4   | 691.1   |
| 85°    | 420.3   | 467.2   | 474.9   | 473.8   | 468.7   | 467.6   | 463.4   | 464.8   | 464.0   | 466.5   | 467.9   |
| 87.5°  | 193.1   | 238.5   | 249.5   | 245.9   | 245.4   | 242.2   | 235.0   | 237.6   | 242.0   | 244.9   | 245.1   |
| 90°    | 47.3    | 62.9    | 64.3    | 64.1    | 59.4    | 58.4    | 54.1    | 54.0    | 50.5    | 50.1    | 46.7    |
| 92.5°  | 55.8    | 58.7    | 61.8    | 59.1    | 56.4    | 53.7    | 51.1    | 48.1    | 45.7    | 42.8    | 40.3    |
| 95°    | 69.2    | 73.2    | 77.5    | 74.0    | 70.2    | 66.7    | 63.1    | 59.5    | 55.9    | 52.4    | 48.7    |
| 97.5°  | 77.6    | 82.5    | 87.4    | 83.9    | 80.3    | 76.5    | 72.9    | 69.3    | 65.7    | 62.1    | 58.4    |
| 100°   | 131.0   | 142.2   | 153.9   | 143.7   | 133.5   | 123.3   | 113.1   | 102.7   | 92.5    | 82.3    | 72.0    |
| 102.5° | 289.0   | 317.1   | 345.6   | 319.6   | 293.8   | 267.9   | 242.1   | 216.2   | 190.5   | 164.4   | 138.7   |
| 105°   | 516.1   | 558.8   | 601.9   | 562.2   | 522.7   | 483.4   | 443.9   | 404.4   | 364.9   | 325.4   | 286.1   |
| 107.5° | 693.9   | 733.5   | 773.7   | 738.0   | 702.2   | 666.6   | 630.6   | 595.0   | 559.1   | 523.4   | 487.7   |
| 110°   | 783.2   | 813.9   | 845.7   | 821.4   | 797.3   | 773.0   | 748.9   | 724.6   | 700.6   | 676.7   | 652.6   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 222.5° | 225°  | 227.5° | 230°  | 232.5° | 235°  | 237.5° | 240°  | 242.5° | 245°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 784.8 | 806.4  | 829.3 | 814.7  | 800.5 | 786.0  | 771.8 | 757.3  | 743.3 | 728.9  | 714.9 |
| 115°   | 721.1 | 732.8  | 746.1 | 739.9  | 734.0 | 727.8  | 721.8 | 715.9  | 709.9 | 703.9  | 698.4 |
| 117.5° | 641.4 | 645.6  | 651.5 | 649.7  | 648.2 | 646.3  | 644.8 | 643.2  | 641.8 | 640.2  | 638.9 |
| 120°   | 558.0 | 556.7  | 557.5 | 557.3  | 557.4 | 557.1  | 557.3 | 557.2  | 557.4 | 557.5  | 557.8 |
| 122.5° | 488.7 | 484.0  | 481.4 | 481.1  | 481.0 | 480.5  | 480.4 | 480.3  | 480.1 | 480.0  | 480.2 |
| 125°   | 440.6 | 434.0  | 430.1 | 428.2  | 426.4 | 424.3  | 422.5 | 420.4  | 418.8 | 417.1  | 415.5 |
| 127.5° | 407.0 | 399.8  | 395.7 | 392.5  | 389.3 | 385.9  | 382.8 | 379.5  | 376.4 | 373.1  | 370.2 |
| 130°   | 385.1 | 377.9  | 374.0 | 370.0  | 366.4 | 362.4  | 358.7 | 354.8  | 350.9 | 347.2  | 343.4 |
| 132.5° | 370.9 | 363.6  | 359.9 | 356.3  | 352.8 | 348.8  | 345.4 | 341.4  | 337.7 | 333.7  | 330.3 |
| 135°   | 363.4 | 356.5  | 353.2 | 349.7  | 346.5 | 343.0  | 339.6 | 335.9  | 332.7 | 329.1  | 325.9 |
| 137.5° | 357.7 | 350.7  | 347.8 | 344.8  | 342.1 | 339.2  | 336.5 | 333.5  | 330.6 | 327.3  | 324.6 |
| 140°   | 353.6 | 346.3  | 343.2 | 341.3  | 339.7 | 337.6  | 335.7 | 333.7  | 331.8 | 329.8  | 327.8 |
| 142.5° | 351.4 | 344.1  | 341.3 | 340.0  | 338.8 | 337.3  | 336.2 | 334.8  | 333.4 | 331.5  | 330.1 |
| 145°   | 349.0 | 340.9  | 338.1 | 337.3  | 337.1 | 336.4  | 335.8 | 335.3  | 334.7 | 333.8  | 333.3 |
| 147.5° | 348.7 | 340.4  | 337.5 | 337.3  | 337.2 | 336.6  | 336.7 | 336.1  | 336.2 | 335.6  | 335.5 |
| 150°   | 347.7 | 338.4  | 335.1 | 335.3  | 335.1 | 335.3  | 335.3 | 335.3  | 335.5 | 335.5  | 335.5 |
| 152.5° | 347.5 | 336.3  | 332.6 | 332.7  | 333.1 | 333.1  | 333.3 | 333.7  | 334.1 | 334.4  | 334.6 |
| 155°   | 348.0 | 335.8  | 331.7 | 331.4  | 331.5 | 331.6  | 331.6 | 331.9  | 332.1 | 332.3  | 332.8 |
| 157.5° | 350.1 | 337.1  | 333.1 | 332.6  | 332.5 | 332.4  | 332.3 | 332.5  | 332.6 | 332.7  | 333.2 |
| 160°   | 352.7 | 339.8  | 335.6 | 335.2  | 335.1 | 334.8  | 334.6 | 334.6  | 334.7 | 334.8  | 335.1 |
| 162.5° | 355.3 | 342.6  | 338.8 | 338.2  | 337.7 | 337.5  | 337.4 | 337.1  | 337.2 | 337.1  | 337.4 |
| 165°   | 358.0 | 346.8  | 343.1 | 342.6  | 342.6 | 342.3  | 342.1 | 342.1  | 342.1 | 342.1  | 342.4 |
| 167.5° | 362.9 | 352.7  | 349.9 | 349.4  | 348.9 | 348.4  | 348.4 | 347.7  | 347.7 | 347.3  | 347.3 |
| 170°   | 365.0 | 357.1  | 354.6 | 354.3  | 354.4 | 354.3  | 354.0 | 354.0  | 353.9 | 353.8  | 353.9 |
| 172.5° | 366.9 | 361.1  | 359.1 | 359.2  | 359.5 | 359.5  | 359.7 | 359.8  | 360.0 | 360.2  | 360.5 |
| 175°   | 368.2 | 364.6  | 363.8 | 363.6  | 363.7 | 363.8  | 363.9 | 364.1  | 364.2 | 364.3  | 364.7 |
| 177.5° | 369.6 | 368.6  | 368.3 | 368.3  | 368.3 | 368.3  | 368.3 | 368.3  | 368.3 | 368.5  | 368.5 |
| 180°   | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 247.5°  | 250°    | 252.5°  | 255°    | 257.5°  | 260°    | 262.5°  | 265°    | 267.5°  | 270°    | 272.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45864.8 | 45918.3 | 45914.3 | 45964.2 | 45961.7 | 46008.7 | 45999.3 | 46039.9 | 46030.7 | 46065.4 | 46045.0 |
| 5°     | 47369.3 | 47471.1 | 47504.6 | 47596.3 | 47615.4 | 47697.6 | 47699.2 | 47764.5 | 47756.6 | 47807.7 | 47780.5 |
| 7.5°   | 48792.5 | 48887.4 | 48932.5 | 49003.8 | 49039.5 | 49098.4 | 49121.6 | 49170.1 | 49181.8 | 49210.5 | 49209.6 |
| 10°    | 48912.6 | 48912.3 | 48934.6 | 48924.5 | 48944.5 | 48933.0 | 48957.3 | 48948.5 | 48984.5 | 48975.1 | 49002.3 |
| 12.5°  | 47296.5 | 47136.1 | 47077.6 | 46933.5 | 46901.9 | 46778.4 | 46787.1 | 46707.8 | 46746.1 | 46697.4 | 46780.3 |
| 15°    | 43823.2 | 43451.1 | 43267.3 | 42943.8 | 42842.3 | 42586.6 | 42565.9 | 42396.0 | 42441.9 | 42353.0 | 42482.9 |
| 17.5°  | 38690.7 | 38104.8 | 37783.4 | 37311.0 | 37123.4 | 36761.8 | 36689.3 | 36470.7 | 36504.6 | 36394.5 | 36551.4 |
| 20°    | 32571.3 | 31863.3 | 31457.9 | 30911.6 | 30667.9 | 30236.8 | 30122.5 | 29877.9 | 29908.5 | 29798.9 | 29976.4 |
| 22.5°  | 26382.0 | 25641.1 | 25183.4 | 24610.7 | 24299.5 | 23894.0 | 23772.4 | 23526.7 | 23540.7 | 23437.9 | 23608.5 |
| 25°    | 20694.3 | 19984.0 | 19539.7 | 19019.6 | 18749.5 | 18377.7 | 18249.9 | 18029.3 | 18041.8 | 17956.9 | 18110.1 |
| 27.5°  | 16008.6 | 15425.7 | 15053.9 | 14618.0 | 14375.9 | 14070.4 | 13945.7 | 13760.1 | 13759.7 | 13697.4 | 13825.4 |
| 30°    | 12509.8 | 12023.5 | 11689.6 | 11310.0 | 11082.7 | 10806.8 | 10686.4 | 10520.5 | 10513.2 | 10469.0 | 10570.8 |
| 32.5°  | 9794.9  | 9362.3  | 9057.9  | 8723.7  | 8519.6  | 8283.0  | 8169.0  | 8035.6  | 8023.4  | 7983.5  | 8067.0  |
| 35°    | 7614.2  | 7249.9  | 6988.2  | 6706.9  | 6727.6  | 6378.4  | 6436.5  | 6165.3  | 6091.7  | 6075.7  | 6137.8  |
| 37.5°  | 5884.9  | 5602.8  | 5390.2  | 5179.5  | 5036.7  | 4889.2  | 4809.7  | 4738.4  | 4730.3  | 4723.4  | 4766.9  |
| 40°    | 4606.3  | 4408.9  | 4254.1  | 4109.7  | 4011.4  | 3921.4  | 3871.7  | 3832.6  | 3823.2  | 3818.0  | 3844.3  |
| 42.5°  | 3728.1  | 3594.8  | 3495.1  | 3406.9  | 3347.3  | 3298.4  | 3271.1  | 3249.3  | 3242.0  | 3242.2  | 3257.7  |
| 45°    | 3149.8  | 3068.9  | 3004.7  | 2949.9  | 2911.8  | 2928.5  | 2879.3  | 2905.1  | 2871.0  | 2906.3  | 2883.0  |
| 47.5°  | 2773.9  | 2705.0  | 2665.2  | 2626.4  | 2603.3  | 2584.8  | 2585.5  | 2585.7  | 2593.0  | 2594.2  | 2601.8  |
| 50°    | 2483.7  | 2443.9  | 2416.2  | 2391.5  | 2379.5  | 2369.7  | 2373.1  | 2375.6  | 2382.7  | 2383.2  | 2388.8  |
| 52.5°  | 2269.1  | 2242.8  | 2226.1  | 2210.8  | 2205.4  | 2199.9  | 2202.3  | 2201.2  | 2204.4  | 2202.8  | 2207.3  |
| 55°    | 2094.3  | 2081.9  | 2076.7  | 2071.0  | 2071.8  | 2070.3  | 2071.3  | 2065.7  | 2062.4  | 2058.2  | 2062.1  |
| 57.5°  | 1950.9  | 1949.2  | 1952.8  | 1955.1  | 1961.7  | 1964.1  | 1965.6  | 1959.2  | 1953.1  | 1947.6  | 1950.7  |
| 60°    | 1840.4  | 1843.1  | 1851.9  | 1859.0  | 1868.5  | 1872.8  | 1875.6  | 1871.8  | 1867.4  | 1862.9  | 1865.5  |
| 62.5°  | 1731.5  | 1735.7  | 1746.2  | 1754.1  | 1765.5  | 1771.4  | 1778.0  | 1778.4  | 1780.1  | 1778.4  | 1780.2  |
| 65°    | 1604.9  | 1610.2  | 1619.7  | 1626.3  | 1636.9  | 1642.1  | 1648.9  | 1650.0  | 1653.8  | 1652.9  | 1656.1  |
| 67.5°  | 1508.9  | 1513.6  | 1521.5  | 1527.7  | 1537.2  | 1542.6  | 1548.5  | 1548.9  | 1550.1  | 1549.8  | 1552.9  |
| 70°    | 1406.3  | 1408.7  | 1415.8  | 1421.0  | 1430.4  | 1436.0  | 1442.8  | 1444.7  | 1449.0  | 1449.6  | 1453.0  |
| 72.5°  | 1297.0  | 1296.0  | 1300.2  | 1302.6  | 1309.7  | 1314.1  | 1322.6  | 1327.4  | 1334.4  | 1336.3  | 1338.8  |
| 75°    | 1177.9  | 1177.0  | 1182.0  | 1184.0  | 1190.1  | 1194.5  | 1204.1  | 1210.4  | 1221.3  | 1225.9  | 1224.7  |
| 77.5°  | 1040.1  | 1042.5  | 1051.9  | 1057.1  | 1065.3  | 1070.9  | 1083.4  | 1093.3  | 1113.3  | 1122.2  | 1113.2  |
| 80°    | 886.0   | 888.5   | 898.3   | 903.2   | 913.8   | 920.6   | 934.5   | 946.2   | 964.2   | 968.1   | 963.0   |
| 82.5°  | 696.5   | 697.2   | 706.1   | 709.7   | 723.5   | 733.5   | 751.2   | 760.5   | 771.7   | 769.9   | 768.6   |
| 85°    | 474.9   | 481.3   | 492.3   | 503.3   | 520.1   | 536.3   | 553.0   | 566.9   | 557.1   | 572.5   | 555.3   |
| 87.5°  | 253.8   | 253.1   | 268.0   | 265.6   | 289.3   | 302.9   | 317.4   | 324.3   | 332.1   | 330.5   | 330.7   |
| 90°    | 47.1    | 44.4    | 45.5    | 42.3    | 44.6    | 41.3    | 44.6    | 41.6    | 45.8    | 41.7    | 48.4    |
| 92.5°  | 37.4    | 36.1    | 34.5    | 33.3    | 31.6    | 30.4    | 28.7    | 27.3    | 25.8    | 24.4    | 25.8    |
| 95°    | 45.2    | 43.8    | 42.5    | 41.0    | 39.6    | 38.3    | 36.9    | 35.6    | 34.3    | 32.9    | 34.6    |
| 97.5°  | 54.9    | 54.1    | 53.3    | 52.6    | 51.8    | 51.1    | 50.3    | 49.5    | 48.5    | 47.7    | 48.8    |
| 100°   | 61.8    | 61.8    | 61.8    | 61.8    | 61.5    | 61.5    | 61.5    | 61.5    | 61.5    | 61.5    | 62.4    |
| 102.5° | 112.8   | 110.2   | 107.7   | 104.9   | 102.4   | 99.7    | 97.1    | 94.6    | 92.0    | 89.5    | 93.3    |
| 105°   | 246.7   | 236.6   | 226.4   | 216.4   | 206.1   | 196.1   | 185.9   | 175.9   | 165.8   | 155.8   | 166.2   |
| 107.5° | 452.2   | 433.8   | 415.2   | 396.9   | 378.4   | 360.0   | 341.6   | 323.4   | 305.0   | 286.6   | 303.0   |
| 110°   | 628.6   | 609.0   | 589.4   | 569.9   | 550.3   | 530.5   | 511.1   | 491.6   | 472.2   | 452.7   | 468.4   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°  | 272.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 700.9  | 687.7 | 675.1  | 662.4 | 649.7  | 637.1 | 624.5  | 612.0 | 599.5  | 586.9 | 594.5  |
| 115°   | 692.4  | 686.3 | 680.0  | 673.9 | 667.9  | 661.6 | 655.5  | 649.6 | 643.6  | 637.7 | 638.2  |
| 117.5° | 637.5  | 635.1 | 632.9  | 630.6 | 628.5  | 626.3 | 624.3  | 622.5 | 620.3  | 618.6 | 614.4  |
| 120°   | 558.2  | 558.3 | 558.4  | 558.9 | 559.3  | 559.9 | 560.2  | 561.0 | 561.8  | 562.6 | 556.9  |
| 122.5° | 480.3  | 481.1 | 482.1  | 483.3 | 484.5  | 485.9 | 487.2  | 488.9 | 490.5  | 492.2 | 486.5  |
| 125°   | 413.6  | 414.4 | 415.3  | 416.3 | 417.1  | 418.6 | 419.9  | 421.6 | 423.1  | 424.9 | 420.1  |
| 127.5° | 367.2  | 367.0 | 366.6  | 366.7 | 366.6  | 367.0 | 367.4  | 368.1 | 368.8  | 369.7 | 366.7  |
| 130°   | 339.7  | 338.4 | 337.0  | 335.9 | 334.8  | 334.2 | 333.7  | 333.0 | 332.6  | 332.6 | 331.5  |
| 132.5° | 326.4  | 324.3 | 322.3  | 320.4 | 318.7  | 317.2 | 315.6  | 314.7 | 313.7  | 313.0 | 312.7  |
| 135°   | 322.2  | 319.6 | 317.2  | 314.7 | 312.4  | 310.8 | 308.7  | 307.4 | 305.9  | 304.7 | 305.3  |
| 137.5° | 321.7  | 319.2 | 316.7  | 314.4 | 312.1  | 310.4 | 308.3  | 306.9 | 305.6  | 304.3 | 305.1  |
| 140°   | 325.8  | 323.3 | 320.8  | 318.6 | 316.5  | 314.7 | 312.9  | 311.5 | 309.8  | 309.0 | 309.3  |
| 142.5° | 328.7  | 326.7 | 324.3  | 322.4 | 320.4  | 318.7 | 317.3  | 316.0 | 314.4  | 313.6 | 314.2  |
| 145°   | 332.4  | 330.9 | 329.2  | 327.6 | 326.2  | 325.0 | 323.5  | 322.8 | 321.9  | 321.5 | 321.8  |
| 147.5° | 335.0  | 334.0 | 332.4  | 331.4 | 330.0  | 329.5 | 328.5  | 327.9 | 327.2  | 326.9 | 327.0  |
| 150°   | 335.5  | 334.9 | 334.0  | 333.3 | 332.6  | 332.1 | 331.5  | 331.2 | 330.8  | 330.6 | 330.7  |
| 152.5° | 334.9  | 334.4 | 333.7  | 333.2 | 332.6  | 332.3 | 331.9  | 331.7 | 331.5  | 331.4 | 331.4  |
| 155°   | 333.0  | 332.8 | 332.5  | 332.4 | 332.2  | 332.4 | 332.2  | 332.6 | 332.4  | 332.7 | 332.9  |
| 157.5° | 333.3  | 333.5 | 333.4  | 333.8 | 333.9  | 334.1 | 334.1  | 334.7 | 334.8  | 335.3 | 335.6  |
| 160°   | 335.4  | 335.6 | 335.6  | 335.8 | 335.9  | 336.1 | 336.4  | 336.6 | 336.9  | 337.2 | 337.7  |
| 162.5° | 337.5  | 338.0 | 338.2  | 338.5 | 339.1  | 339.4 | 339.9  | 340.6 | 340.9  | 341.5 | 342.1  |
| 165°   | 342.6  | 342.7 | 342.8  | 342.7 | 343.2  | 343.4 | 343.6  | 344.1 | 344.4  | 345.0 | 345.6  |
| 167.5° | 347.2  | 347.4 | 347.4  | 347.6 | 347.9  | 348.4 | 348.7  | 349.3 | 349.8  | 350.6 | 351.0  |
| 170°   | 353.6  | 353.6 | 353.6  | 353.6 | 353.6  | 354.0 | 354.1  | 354.3 | 354.5  | 355.0 | 355.3  |
| 172.5° | 360.6  | 360.6 | 360.2  | 360.6 | 360.2  | 360.6 | 360.6  | 360.7 | 360.7  | 360.9 | 361.0  |
| 175°   | 364.5  | 364.9 | 365.0  | 365.4 | 365.3  | 365.4 | 365.5  | 365.7 | 365.8  | 366.1 | 366.1  |
| 177.5° | 368.5  | 368.6 | 368.6  | 368.6 | 368.6  | 368.7 | 368.7  | 368.7 | 368.7  | 368.6 | 368.6  |
| 180°   | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 277.5°  | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  | 300°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 46078.9 | 46055.8 | 46079.4 | 46055.4 | 46079.4 | 46050.7 | 46070.1 | 46039.1 | 46047.1 | 46014.8 | 46023.1 |
| 5°     | 47821.1 | 47784.4 | 47804.0 | 47756.2 | 47761.3 | 47697.6 | 47696.4 | 47622.1 | 47602.6 | 47518.1 | 47481.0 |
| 7.5°   | 49230.0 | 49218.0 | 49224.8 | 49194.1 | 49190.5 | 49147.0 | 49126.3 | 49064.9 | 49026.3 | 48948.5 | 48895.4 |
| 10°    | 49007.1 | 49043.0 | 49052.2 | 49088.9 | 49096.4 | 49132.7 | 49140.2 | 49176.5 | 49184.2 | 49211.0 | 49211.3 |
| 12.5°  | 46776.5 | 46898.4 | 46927.6 | 47078.3 | 47141.6 | 47314.0 | 47406.4 | 47596.3 | 47709.2 | 47898.6 | 48015.0 |
| 15°    | 42479.3 | 42690.3 | 42774.5 | 43068.6 | 43231.4 | 43574.8 | 43790.5 | 44184.9 | 44463.1 | 44881.9 | 45180.6 |
| 17.5°  | 36565.1 | 36860.0 | 36993.1 | 37391.9 | 37652.2 | 38159.0 | 38524.4 | 39125.6 | 39585.9 | 40254.2 | 40783.7 |
| 20°    | 30006.7 | 30334.4 | 30515.1 | 30970.2 | 31277.2 | 31869.4 | 32325.5 | 33064.4 | 33680.6 | 34527.2 | 35251.3 |
| 22.5°  | 23662.0 | 23973.9 | 24174.4 | 24637.3 | 24983.1 | 25600.7 | 26110.4 | 26890.4 | 27580.7 | 28534.8 | 29402.9 |
| 25°    | 18167.9 | 18453.7 | 18635.0 | 19053.7 | 19378.5 | 19946.0 | 20432.8 | 21182.8 | 21858.3 | 22815.3 | 23705.5 |
| 27.5°  | 13889.2 | 14128.5 | 14303.3 | 14660.3 | 14946.6 | 15428.1 | 15846.1 | 16466.0 | 17048.0 | 17876.0 | 18668.7 |
| 30°    | 10633.4 | 10845.5 | 11015.5 | 11326.6 | 11592.0 | 12009.2 | 12376.9 | 12897.6 | 13379.3 | 14038.1 | 14668.8 |
| 32.5°  | 8125.6  | 8308.3  | 8459.8  | 8732.0  | 8972.8  | 9348.6  | 9679.9  | 10136.2 | 10549.7 | 11108.4 | 11627.2 |
| 35°    | 6195.4  | 6554.9  | 6529.4  | 6904.8  | 6965.2  | 7235.0  | 7530.4  | 7929.4  | 8295.6  | 8770.8  | 9212.3  |
| 37.5°  | 4808.7  | 4909.7  | 5018.1  | 5184.0  | 5358.4  | 5603.8  | 5853.4  | 6341.0  | 6519.8  | 6878.9  | 7244.4  |
| 40°    | 3877.7  | 3946.0  | 4017.5  | 4129.7  | 4251.8  | 4424.7  | 4606.5  | 4839.1  | 5077.4  | 5368.5  | 5665.9  |
| 42.5°  | 3278.3  | 3317.0  | 3362.4  | 3428.4  | 3503.6  | 3613.2  | 3734.8  | 3892.6  | 4058.4  | 4263.3  | 4472.4  |
| 45°    | 2929.0  | 2910.6  | 2924.1  | 2959.5  | 3004.9  | 3071.5  | 3148.2  | 3245.9  | 3353.9  | 3486.6  | 3627.9  |
| 47.5°  | 2603.3  | 2610.7  | 2614.7  | 2634.0  | 2658.2  | 2702.9  | 2749.5  | 2815.8  | 2943.8  | 2982.8  | 3059.9  |
| 50°    | 2388.2  | 2391.8  | 2390.6  | 2400.4  | 2412.7  | 2441.7  | 2471.9  | 2516.8  | 2561.7  | 2621.0  | 2677.7  |
| 52.5°  | 2208.0  | 2213.0  | 2212.4  | 2218.8  | 2225.4  | 2243.7  | 2262.8  | 2294.5  | 2323.9  | 2361.6  | 2394.2  |
| 55°    | 2065.6  | 2072.5  | 2075.3  | 2080.7  | 2083.8  | 2093.4  | 2101.0  | 2116.2  | 2128.7  | 2150.1  | 2169.9  |
| 57.5°  | 1956.1  | 1965.6  | 1970.0  | 1971.8  | 1968.0  | 1967.4  | 1964.9  | 1968.1  | 1970.6  | 1982.1  | 1993.2  |
| 60°    | 1870.0  | 1877.5  | 1878.7  | 1877.5  | 1870.5  | 1865.4  | 1857.3  | 1854.7  | 1853.5  | 1859.0  | 1865.1  |
| 62.5°  | 1779.7  | 1782.4  | 1780.6  | 1778.4  | 1770.3  | 1765.4  | 1757.0  | 1754.0  | 1751.0  | 1754.9  | 1758.2  |
| 65°    | 1654.9  | 1657.3  | 1654.9  | 1653.6  | 1646.3  | 1642.5  | 1635.4  | 1632.9  | 1628.9  | 1630.0  | 1629.3  |
| 67.5°  | 1553.6  | 1555.9  | 1554.1  | 1552.2  | 1547.2  | 1544.7  | 1539.5  | 1536.2  | 1531.3  | 1529.4  | 1526.1  |
| 70°    | 1452.5  | 1454.4  | 1451.5  | 1449.6  | 1443.9  | 1441.7  | 1436.9  | 1435.8  | 1432.0  | 1431.1  | 1427.3  |
| 72.5°  | 1336.3  | 1336.5  | 1332.5  | 1331.3  | 1327.1  | 1326.9  | 1324.8  | 1326.7  | 1326.6  | 1328.5  | 1327.7  |
| 75°    | 1217.4  | 1215.8  | 1210.7  | 1209.8  | 1206.6  | 1208.1  | 1205.9  | 1208.8  | 1209.2  | 1213.5  | 1214.0  |
| 77.5°  | 1098.3  | 1092.1  | 1082.5  | 1078.0  | 1071.5  | 1070.7  | 1067.0  | 1069.5  | 1068.6  | 1073.7  | 1075.7  |
| 80°    | 947.9   | 940.3   | 928.0   | 922.1   | 914.5   | 913.3   | 909.9   | 913.3   | 911.7   | 917.5   | 921.8   |
| 82.5°  | 756.7   | 750.2   | 737.4   | 732.7   | 723.9   | 724.7   | 721.0   | 724.7   | 724.2   | 733.0   | 738.1   |
| 85°    | 559.8   | 555.4   | 542.2   | 530.6   | 517.7   | 510.0   | 502.6   | 501.3   | 499.1   | 502.6   | 505.7   |
| 87.5°  | 323.4   | 319.2   | 309.0   | 302.2   | 279.5   | 280.4   | 271.5   | 271.0   | 268.8   | 266.8   | 271.5   |
| 90°    | 46.4    | 51.9    | 50.1    | 55.1    | 54.1    | 59.9    | 59.3    | 64.8    | 63.3    | 68.5    | 67.8    |
| 92.5°  | 27.3    | 28.7    | 30.2    | 31.6    | 33.1    | 34.5    | 36.0    | 37.4    | 40.6    | 43.3    | 46.9    |
| 95°    | 36.2    | 37.9    | 39.6    | 41.4    | 43.0    | 44.7    | 46.4    | 48.0    | 52.7    | 57.2    | 61.8    |
| 97.5°  | 50.2    | 51.1    | 52.2    | 53.3    | 54.4    | 55.5    | 56.7    | 57.8    | 62.9    | 67.8    | 72.7    |
| 100°   | 63.3    | 64.1    | 65.0    | 66.0    | 66.9    | 67.8    | 68.7    | 69.5    | 79.4    | 88.9    | 98.3    |
| 102.5° | 97.0    | 100.9   | 104.7   | 108.4   | 112.5   | 116.3   | 120.0   | 123.9   | 145.9   | 167.7   | 189.5   |
| 105°   | 176.6   | 187.0   | 197.6   | 207.9   | 218.4   | 228.8   | 239.3   | 249.7   | 284.8   | 319.7   | 354.9   |
| 107.5° | 319.5   | 335.9   | 352.4   | 369.0   | 385.5   | 402.1   | 418.6   | 435.1   | 469.3   | 503.6   | 537.8   |
| 110°   | 484.1   | 499.9   | 515.6   | 531.4   | 547.1   | 562.9   | 578.8   | 594.8   | 615.4   | 635.9   | 656.7   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°  | 282.5° | 285°  | 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 602.2 | 609.8  | 617.7 | 625.4  | 633.2 | 641.1  | 649.0 | 656.8  | 667.4 | 677.9  | 688.4 |
| 115°   | 638.8 | 639.3  | 640.0 | 640.6  | 641.3 | 642.0  | 643.1 | 643.9  | 647.6 | 651.2  | 654.8 |
| 117.5° | 610.2 | 606.2  | 602.2 | 598.1  | 594.3 | 590.6  | 586.9 | 583.3  | 583.1 | 582.9  | 583.1 |
| 120°   | 551.6 | 546.0  | 540.7 | 535.2  | 530.1 | 525.0  | 520.1 | 515.3  | 513.1 | 511.0  | 509.0 |
| 122.5° | 481.2 | 475.8  | 470.6 | 465.3  | 460.3 | 455.5  | 450.8 | 446.1  | 444.9 | 443.8  | 442.7 |
| 125°   | 415.7 | 411.4  | 407.1 | 403.0  | 399.2 | 395.4  | 391.7 | 388.1  | 388.9 | 389.5  | 390.7 |
| 127.5° | 364.3 | 361.8  | 359.4 | 357.3  | 355.4 | 353.3  | 351.8 | 349.9  | 352.2 | 354.5  | 356.8 |
| 130°   | 330.5 | 329.8  | 329.4 | 328.6  | 328.6 | 328.4  | 328.3 | 328.2  | 331.6 | 334.5  | 337.9 |
| 132.5° | 313.2 | 313.3  | 313.9 | 314.4  | 315.4 | 316.3  | 317.6 | 318.5  | 322.0 | 325.4  | 329.0 |
| 135°   | 305.9 | 306.7  | 307.9 | 309.1  | 310.8 | 312.1  | 313.8 | 315.3  | 318.9 | 322.0  | 325.7 |
| 137.5° | 306.2 | 307.2  | 308.6 | 309.9  | 311.8 | 313.2  | 315.3 | 317.0  | 319.9 | 322.7  | 325.6 |
| 140°   | 310.4 | 311.2  | 312.6 | 313.7  | 315.1 | 316.6  | 318.6 | 319.9  | 322.6 | 324.8  | 327.1 |
| 142.5° | 315.3 | 315.9  | 317.1 | 318.4  | 319.7 | 321.0  | 322.7 | 323.9  | 325.9 | 327.6  | 329.8 |
| 145°   | 322.6 | 323.2  | 324.3 | 325.1  | 326.3 | 327.4  | 328.7 | 329.8  | 331.2 | 332.5  | 334.0 |
| 147.5° | 327.7 | 328.2  | 329.1 | 329.9  | 330.9 | 331.8  | 332.6 | 333.5  | 334.8 | 335.6  | 336.9 |
| 150°   | 331.3 | 331.7  | 332.3 | 332.6  | 333.5 | 334.3  | 335.2 | 335.7  | 336.7 | 337.5  | 338.6 |
| 152.5° | 332.2 | 332.4  | 333.0 | 333.3  | 334.1 | 334.7  | 335.3 | 335.9  | 336.9 | 337.5  | 338.5 |
| 155°   | 333.4 | 334.1  | 334.8 | 335.3  | 336.1 | 336.4  | 337.3 | 337.8  | 338.7 | 339.3  | 340.2 |
| 157.5° | 336.3 | 336.6  | 337.5 | 337.9  | 338.7 | 339.2  | 339.9 | 340.4  | 341.2 | 341.7  | 342.4 |
| 160°   | 338.4 | 339.2  | 339.8 | 340.7  | 341.4 | 342.0  | 342.8 | 343.6  | 344.3 | 344.8  | 345.5 |
| 162.5° | 342.7 | 343.4  | 344.1 | 344.6  | 345.3 | 346.0  | 346.4 | 347.1  | 348.1 | 348.5  | 349.5 |
| 165°   | 346.4 | 347.0  | 347.9 | 348.4  | 349.3 | 350.2  | 350.8 | 351.6  | 352.0 | 352.7  | 353.2 |
| 167.5° | 351.8 | 352.1  | 353.1 | 353.8  | 354.6 | 355.2  | 356.0 | 356.6  | 357.3 | 357.5  | 358.2 |
| 170°   | 355.9 | 356.5  | 357.1 | 357.7  | 358.3 | 358.8  | 359.6 | 360.0  | 360.8 | 361.2  | 362.0 |
| 172.5° | 361.4 | 361.9  | 362.3 | 362.7  | 363.1 | 363.7  | 364.1 | 364.4  | 365.0 | 365.4  | 365.9 |
| 175°   | 366.1 | 366.1  | 366.3 | 366.5  | 366.6 | 366.6  | 366.8 | 367.1  | 367.3 | 367.5  | 367.7 |
| 177.5° | 368.7 | 368.9  | 369.0 | 369.1  | 369.2 | 369.4  | 369.5 | 369.6  | 369.6 | 369.6  | 369.6 |
| 180°   | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  | 325°    | 327.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45990.9 | 45992.8 | 45955.8 | 45953.7 | 45919.0 | 45914.6 | 45880.8 | 45870.4 | 45842.9 | 45833.0 | 45805.0 |
| 5°     | 47386.2 | 47341.0 | 47236.6 | 47175.2 | 47072.0 | 47003.7 | 46892.0 | 46819.1 | 46711.4 | 46630.0 | 46521.6 |
| 7.5°   | 48797.4 | 48727.2 | 48610.0 | 48515.0 | 48371.8 | 48257.5 | 48090.0 | 47952.8 | 47771.2 | 47614.2 | 47423.6 |
| 10°    | 49211.3 | 49200.5 | 49170.6 | 49127.1 | 49060.5 | 48985.6 | 48871.6 | 48752.7 | 48593.6 | 48420.9 | 48209.0 |
| 12.5°  | 48192.9 | 48302.9 | 48452.9 | 48541.7 | 48649.8 | 48697.2 | 48741.5 | 48730.4 | 48701.3 | 48613.8 | 48491.5 |
| 15°    | 45613.2 | 45922.2 | 46331.4 | 46648.5 | 47013.3 | 47278.4 | 47571.3 | 47753.7 | 47935.7 | 48019.7 | 48071.1 |
| 17.5°  | 41509.5 | 42094.6 | 42828.2 | 43436.3 | 44137.8 | 44701.2 | 45318.9 | 45783.9 | 46262.1 | 46604.6 | 46914.4 |
| 20°    | 36238.3 | 37086.0 | 38123.6 | 39040.3 | 40106.2 | 41032.5 | 42047.5 | 42880.9 | 43740.2 | 44412.1 | 45048.2 |
| 22.5°  | 30520.8 | 31527.5 | 32782.1 | 33944.1 | 35318.2 | 36553.1 | 37946.5 | 39159.2 | 40425.4 | 41483.2 | 42505.9 |
| 25°    | 24898.6 | 26002.7 | 27374.4 | 28670.9 | 30227.2 | 31663.6 | 33316.0 | 34827.5 | 36463.9 | 37884.8 | 39288.4 |
| 27.5°  | 19764.7 | 20848.7 | 22249.1 | 23629.3 | 25274.9 | 26805.5 | 28576.0 | 30241.1 | 32104.5 | 33822.9 | 35580.7 |
| 30°    | 15545.1 | 16464.5 | 17720.2 | 19057.0 | 20680.0 | 22237.6 | 24027.3 | 25739.9 | 27678.3 | 29554.5 | 31534.5 |
| 32.5°  | 12315.9 | 13016.4 | 14003.6 | 15133.9 | 16631.4 | 18114.2 | 19818.4 | 21471.5 | 23380.5 | 25275.7 | 27334.9 |
| 35°    | 9781.0  | 10327.4 | 11080.1 | 11962.2 | 13230.4 | 14508.5 | 16015.9 | 17519.3 | 19300.2 | 21098.7 | 23100.1 |
| 37.5°  | 7712.9  | 8156.2  | 8745.6  | 9408.4  | 10425.5 | 11474.4 | 12710.4 | 13956.8 | 15504.3 | 17098.5 | 18912.5 |
| 40°    | 6022.9  | 6381.9  | 6840.8  | 7335.0  | 8103.0  | 8911.2  | 9867.1  | 10833.6 | 12076.9 | 13379.8 | 14881.1 |
| 42.5°  | 4731.4  | 4996.3  | 5320.4  | 5681.6  | 6398.2  | 6827.3  | 7475.4  | 8174.5  | 9088.5  | 10034.4 | 11163.1 |
| 45°    | 3799.7  | 3980.4  | 4205.2  | 4447.5  | 4780.1  | 5144.0  | 5588.0  | 6053.5  | 6921.7  | 7347.6  | 8034.1  |
| 47.5°  | 3173.3  | 3294.5  | 3437.5  | 3590.1  | 3786.3  | 3998.0  | 4261.2  | 4530.5  | 4878.6  | 5239.4  | 5662.3  |
| 50°    | 2751.3  | 2874.5  | 2923.6  | 3002.7  | 3116.2  | 3237.1  | 3385.5  | 3533.9  | 3720.7  | 3910.0  | 4127.6  |
| 52.5°  | 2438.0  | 2478.2  | 2531.6  | 2581.9  | 2652.3  | 2789.9  | 2834.4  | 2912.0  | 3016.7  | 3119.0  | 3233.5  |
| 55°    | 2198.8  | 2225.0  | 2259.7  | 2290.1  | 2332.6  | 2373.3  | 2431.9  | 2483.6  | 2553.3  | 2615.1  | 2691.1  |
| 57.5°  | 2012.7  | 2029.4  | 2053.5  | 2073.4  | 2100.9  | 2123.8  | 2158.2  | 2186.2  | 2226.3  | 2261.3  | 2307.3  |
| 60°    | 1877.4  | 1888.5  | 1904.7  | 1917.7  | 1935.2  | 1947.2  | 1964.3  | 1977.4  | 1998.6  | 2016.3  | 2042.0  |
| 62.5°  | 1766.9  | 1772.6  | 1783.2  | 1790.9  | 1802.0  | 1808.1  | 1817.2  | 1822.9  | 1834.5  | 1843.4  | 1857.8  |
| 65°    | 1634.3  | 1635.7  | 1642.8  | 1646.0  | 1654.7  | 1658.0  | 1665.4  | 1668.1  | 1677.7  | 1684.2  | 1696.9  |
| 67.5°  | 1525.7  | 1522.7  | 1522.8  | 1520.4  | 1521.5  | 1519.0  | 1519.7  | 1516.9  | 1520.9  | 1522.8  | 1532.5  |
| 70°    | 1426.6  | 1422.3  | 1421.0  | 1416.4  | 1415.1  | 1410.4  | 1409.0  | 1404.8  | 1404.3  | 1402.9  | 1406.3  |
| 72.5°  | 1329.9  | 1328.7  | 1329.0  | 1325.9  | 1325.5  | 1322.3  | 1322.4  | 1320.5  | 1322.6  | 1323.6  | 1328.0  |
| 75°    | 1218.7  | 1219.1  | 1221.3  | 1218.4  | 1219.3  | 1216.6  | 1217.5  | 1215.1  | 1216.4  | 1215.9  | 1220.3  |
| 77.5°  | 1083.5  | 1086.7  | 1092.6  | 1091.4  | 1093.3  | 1090.2  | 1091.6  | 1088.1  | 1089.1  | 1086.7  | 1088.4  |
| 80°    | 931.4   | 938.1   | 946.0   | 945.7   | 949.1   | 946.9   | 949.9   | 946.5   | 947.9   | 943.9   | 942.8   |
| 82.5°  | 750.8   | 756.5   | 764.9   | 765.2   | 772.7   | 774.0   | 782.3   | 781.9   | 787.1   | 783.8   | 781.4   |
| 85°    | 513.2   | 517.1   | 524.5   | 528.6   | 536.2   | 540.9   | 548.8   | 552.0   | 546.3   | 556.8   | 548.5   |
| 87.5°  | 268.0   | 278.0   | 272.4   | 285.4   | 282.3   | 295.5   | 292.6   | 304.8   | 302.4   | 312.9   | 311.5   |
| 90°    | 74.8    | 74.9    | 82.3    | 82.9    | 91.9    | 93.6    | 99.8    | 97.6    | 103.6   | 101.8   | 107.6   |
| 92.5°  | 49.6    | 53.0    | 56.2    | 59.3    | 62.5    | 65.8    | 62.7    | 59.8    | 56.9    | 54.2    | 51.1    |
| 95°    | 66.4    | 70.9    | 75.5    | 80.2    | 84.7    | 89.3    | 84.4    | 79.7    | 74.8    | 69.8    | 64.8    |
| 97.5°  | 77.6    | 82.6    | 87.5    | 92.4    | 97.4    | 102.4   | 96.6    | 90.8    | 84.9    | 79.3    | 73.5    |
| 100°   | 107.9   | 117.6   | 127.1   | 136.5   | 146.3   | 155.8   | 145.1   | 134.2   | 123.6   | 112.7   | 101.9   |
| 102.5° | 211.6   | 233.5   | 255.5   | 277.5   | 299.3   | 321.2   | 298.3   | 275.6   | 252.5   | 229.7   | 206.7   |
| 105°   | 390.0   | 425.1   | 460.2   | 495.2   | 530.3   | 565.7   | 528.6   | 491.3   | 454.1   | 417.2   | 379.7   |
| 107.5° | 572.2   | 606.4   | 640.9   | 675.0   | 709.4   | 743.9   | 706.3   | 668.5   | 631.1   | 593.4   | 555.7   |
| 110°   | 677.6   | 698.2   | 719.0   | 740.0   | 760.7   | 781.7   | 754.3   | 727.0   | 699.7   | 672.2   | 644.8   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 699.0  | 709.8 | 720.3  | 731.1 | 741.8  | 752.4 | 733.1  | 713.8 | 694.3  | 675.0 | 655.5  |
| 115°   | 658.7  | 662.4 | 666.3  | 670.1 | 673.8  | 677.7 | 664.8  | 651.9 | 639.2  | 626.3 | 613.0  |
| 117.5° | 583.0  | 583.2 | 583.0  | 583.5 | 583.3  | 583.4 | 576.4  | 569.6 | 562.6  | 555.6 | 548.5  |
| 120°   | 507.0  | 505.1 | 503.1  | 501.2 | 499.0  | 496.8 | 494.5  | 491.9 | 489.2  | 486.5 | 483.7  |
| 122.5° | 441.5  | 440.8 | 439.7  | 438.6 | 437.3  | 436.1 | 435.5  | 435.1 | 434.5  | 433.9 | 433.1  |
| 125°   | 391.4  | 392.2 | 393.0  | 394.0 | 394.6  | 395.4 | 395.4  | 395.6 | 395.5  | 395.7 | 395.6  |
| 127.5° | 358.8  | 361.2 | 363.2  | 365.3 | 367.2  | 369.4 | 369.8  | 370.7 | 371.1  | 371.7 | 372.2  |
| 130°   | 340.9  | 344.2 | 347.1  | 350.0 | 352.7  | 356.1 | 356.3  | 356.9 | 357.3  | 357.6 | 358.0  |
| 132.5° | 332.4  | 335.8 | 339.1  | 342.6 | 345.8  | 349.0 | 349.3  | 349.9 | 349.9  | 350.6 | 350.8  |
| 135°   | 328.9  | 332.1 | 335.1  | 338.7 | 341.4  | 344.6 | 344.8  | 345.1 | 345.1  | 345.6 | 345.8  |
| 137.5° | 328.2  | 331.1 | 333.7  | 336.4 | 338.7  | 341.4 | 341.4  | 341.8 | 341.7  | 342.2 | 342.3  |
| 140°   | 329.3  | 331.7 | 333.8  | 336.0 | 338.2  | 340.4 | 340.3  | 340.3 | 340.2  | 340.2 | 340.0  |
| 142.5° | 331.5  | 333.4 | 335.0  | 336.9 | 338.4  | 340.3 | 339.6  | 339.3 | 339.0  | 338.6 | 338.2  |
| 145°   | 335.3  | 336.8 | 338.1  | 339.4 | 340.3  | 341.7 | 340.9  | 340.5 | 339.5  | 339.1 | 338.4  |
| 147.5° | 337.8  | 339.0 | 339.6  | 340.8 | 341.1  | 342.3 | 341.4  | 340.9 | 340.2  | 339.3 | 338.5  |
| 150°   | 339.2  | 340.4 | 341.0  | 341.7 | 342.4  | 343.3 | 342.3  | 341.5 | 340.5  | 339.6 | 338.8  |
| 152.5° | 339.2  | 340.1 | 340.8  | 341.3 | 341.9  | 342.5 | 341.4  | 340.9 | 339.8  | 338.8 | 337.8  |
| 155°   | 340.5  | 341.3 | 341.6  | 342.3 | 342.5  | 343.0 | 342.0  | 341.5 | 340.7  | 339.9 | 338.9  |
| 157.5° | 342.9  | 343.6 | 344.1  | 344.4 | 344.8  | 345.3 | 344.7  | 344.2 | 343.4  | 343.0 | 342.2  |
| 160°   | 346.0  | 346.4 | 346.9  | 347.3 | 347.8  | 348.0 | 347.4  | 347.3 | 346.7  | 346.1 | 345.5  |
| 162.5° | 349.9  | 350.8 | 351.2  | 351.7 | 352.2  | 352.6 | 352.0  | 351.7 | 351.0  | 350.4 | 349.7  |
| 165°   | 353.8  | 354.3 | 354.8  | 355.3 | 355.5  | 356.0 | 355.6  | 355.3 | 354.8  | 354.6 | 354.0  |
| 167.5° | 358.6  | 359.3 | 359.6  | 360.1 | 360.3  | 360.6 | 360.2  | 360.2 | 359.6  | 359.2 | 358.7  |
| 170°   | 362.3  | 362.8 | 363.4  | 363.8 | 364.1  | 364.3 | 364.2  | 364.0 | 363.5  | 363.2 | 362.8  |
| 172.5° | 366.3  | 366.9 | 367.0  | 367.4 | 367.5  | 367.9 | 367.6  | 367.2 | 366.9  | 366.5 | 366.0  |
| 175°   | 367.7  | 367.8 | 368.2  | 368.2 | 368.2  | 368.4 | 368.1  | 367.7 | 367.4  | 367.0 | 366.7  |
| 177.5° | 369.6  | 369.6 | 369.6  | 369.5 | 369.5  | 369.5 | 369.3  | 369.0 | 368.8  | 368.6 | 368.2  |
| 180°   | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°    | 352.5°  | 355°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 | 45509.2 |
| 2.5°   | 45795.0 | 45775.2 | 45762.3 | 45746.0 | 45736.0 | 45723.4 | 45714.1 | 45706.1 | 45699.7 | 45693.8 | 45689.4 |
| 5°     | 46439.0 | 46336.6 | 46257.2 | 46171.1 | 46100.5 | 46030.0 | 45975.6 | 45930.7 | 45899.6 | 45876.3 | 45862.5 |
| 7.5°   | 47258.9 | 47071.5 | 46904.9 | 46729.4 | 46572.2 | 46417.6 | 46284.3 | 46169.4 | 46083.3 | 46027.4 | 45993.5 |
| 10°    | 47991.0 | 47740.2 | 47492.1 | 47231.0 | 46983.5 | 46743.3 | 46521.6 | 46326.6 | 46172.3 | 46069.7 | 46009.9 |
| 12.5°  | 48319.3 | 48105.5 | 47852.2 | 47568.7 | 47265.3 | 46958.3 | 46659.1 | 46389.2 | 46162.7 | 46010.7 | 45923.1 |
| 15°    | 48030.2 | 47942.5 | 47770.6 | 47550.4 | 47262.5 | 46945.2 | 46593.8 | 46263.5 | 45959.8 | 45762.8 | 45648.6 |
| 17.5°  | 47089.8 | 47212.3 | 47199.2 | 47115.0 | 46908.0 | 46640.8 | 46282.8 | 45911.9 | 45531.9 | 45268.6 | 45124.8 |
| 20°    | 45503.1 | 45887.9 | 46083.3 | 46183.5 | 46102.2 | 45929.0 | 45604.7 | 45228.3 | 44785.4 | 44441.7 | 44231.9 |
| 22.5°  | 43273.2 | 43952.7 | 44376.2 | 44686.1 | 44751.8 | 44692.8 | 44406.6 | 44048.5 | 43554.8 | 43141.7 | 42831.8 |
| 25°    | 40402.6 | 41398.1 | 42067.5 | 42592.1 | 42795.9 | 42848.5 | 42605.0 | 42248.9 | 41698.6 | 41217.2 | 40791.7 |
| 27.5°  | 37021.4 | 38315.0 | 39208.6 | 39913.6 | 40231.9 | 40369.9 | 40145.7 | 39782.4 | 39131.3 | 38556.7 | 38000.8 |
| 30°    | 33214.9 | 34749.7 | 35825.6 | 36670.9 | 37058.8 | 37241.1 | 37003.0 | 36597.5 | 35839.9 | 35148.4 | 34448.1 |
| 32.5°  | 29140.7 | 30820.2 | 31992.5 | 32910.6 | 33294.9 | 33466.5 | 33154.9 | 32699.6 | 31823.9 | 31009.3 | 30192.6 |
| 35°    | 24875.0 | 26570.2 | 27752.5 | 28646.1 | 28968.3 | 29071.6 | 28673.3 | 28146.9 | 27176.7 | 26282.6 | 25392.1 |
| 37.5°  | 20522.4 | 22099.7 | 23174.2 | 23976.2 | 24175.5 | 24193.4 | 23713.4 | 23132.1 | 22112.3 | 21230.7 | 20344.3 |
| 40°    | 16207.6 | 17537.7 | 18405.2 | 19047.2 | 19116.3 | 19054.6 | 18532.7 | 17947.7 | 16993.7 | 16203.9 | 15425.7 |
| 42.5°  | 12143.2 | 13147.2 | 13766.2 | 14206.1 | 14180.0 | 14058.0 | 13579.5 | 13076.6 | 12289.6 | 11687.9 | 11075.6 |
| 45°    | 8661.1  | 9323.1  | 9685.1  | 9942.5  | 9859.8  | 9743.6  | 9371.2  | 9018.7  | 8483.8  | 8095.3  | 7683.8  |
| 47.5°  | 6017.0  | 6807.6  | 6670.0  | 7173.2  | 6739.6  | 7025.9  | 6429.6  | 6100.8  | 5817.0  | 5610.6  | 5378.0  |
| 50°    | 4307.7  | 4488.8  | 4576.3  | 4636.1  | 4604.3  | 4560.3  | 4453.2  | 4357.4  | 4227.7  | 4133.2  | 4023.1  |
| 52.5°  | 3326.7  | 3417.2  | 3466.9  | 3502.8  | 3495.7  | 3479.7  | 3433.0  | 3390.2  | 3329.5  | 3289.6  | 3241.3  |
| 55°    | 2817.9  | 2819.2  | 2910.4  | 2871.3  | 2929.2  | 2861.4  | 2888.0  | 2813.0  | 2825.1  | 2760.7  | 2717.3  |
| 57.5°  | 2341.6  | 2378.7  | 2395.4  | 2411.5  | 2407.0  | 2404.1  | 2386.1  | 2376.9  | 2356.6  | 2350.3  | 2335.8  |
| 60°    | 2059.7  | 2079.1  | 2083.1  | 2090.6  | 2084.3  | 2081.9  | 2067.8  | 2062.8  | 2049.0  | 2046.6  | 2037.0  |
| 62.5°  | 1866.4  | 1876.3  | 1876.3  | 1876.3  | 1868.3  | 1860.5  | 1844.8  | 1836.6  | 1825.0  | 1822.4  | 1816.8  |
| 65°    | 1705.1  | 1715.5  | 1717.1  | 1719.4  | 1713.5  | 1707.4  | 1693.5  | 1684.6  | 1672.6  | 1668.1  | 1661.6  |
| 67.5°  | 1538.7  | 1549.6  | 1553.4  | 1559.0  | 1555.5  | 1554.4  | 1544.9  | 1541.4  | 1533.4  | 1531.7  | 1525.7  |
| 70°    | 1408.0  | 1412.5  | 1412.2  | 1412.0  | 1404.7  | 1398.1  | 1387.1  | 1381.9  | 1373.6  | 1371.9  | 1366.5  |
| 72.5°  | 1330.2  | 1333.4  | 1331.4  | 1328.5  | 1318.9  | 1309.2  | 1296.3  | 1286.9  | 1276.1  | 1269.4  | 1261.7  |
| 75°    | 1220.8  | 1225.0  | 1222.2  | 1220.5  | 1211.8  | 1205.5  | 1195.1  | 1189.9  | 1182.4  | 1180.1  | 1174.9  |
| 77.5°  | 1086.4  | 1088.4  | 1083.9  | 1083.5  | 1076.9  | 1072.8  | 1065.1  | 1063.7  | 1058.2  | 1058.4  | 1053.3  |
| 80°    | 936.8   | 935.5   | 928.4   | 927.2   | 920.6   | 918.9   | 912.8   | 913.1   | 908.7   | 910.6   | 907.0   |
| 82.5°  | 770.8   | 766.6   | 757.3   | 754.6   | 747.0   | 746.3   | 742.3   | 745.6   | 743.0   | 747.0   | 744.7   |
| 85°    | 552.3   | 553.5   | 549.5   | 549.5   | 547.3   | 548.0   | 547.6   | 550.2   | 550.5   | 554.2   | 554.1   |
| 87.5°  | 307.9   | 312.4   | 311.5   | 315.6   | 315.4   | 319.9   | 321.5   | 328.2   | 329.1   | 335.3   | 335.3   |
| 90°    | 105.7   | 112.4   | 110.3   | 117.1   | 116.5   | 123.8   | 124.4   | 131.6   | 131.3   | 137.5   | 135.9   |
| 92.5°  | 48.2    | 45.3    | 42.6    | 39.5    | 38.0    | 36.1    | 35.5    | 33.3    | 32.2    | 30.4    | 29.0    |
| 95°    | 59.9    | 55.0    | 50.1    | 45.2    | 43.5    | 41.6    | 40.0    | 38.3    | 36.5    | 34.9    | 33.2    |
| 97.5°  | 67.7    | 61.8    | 56.0    | 50.2    | 48.7    | 47.2    | 45.7    | 44.2    | 42.7    | 41.3    | 39.9    |
| 100°   | 91.0    | 80.2    | 69.4    | 58.4    | 57.2    | 56.0    | 54.7    | 53.5    | 52.3    | 50.9    | 49.6    |
| 102.5° | 183.8   | 160.7   | 137.7   | 114.6   | 110.3   | 105.9   | 101.6   | 97.0    | 92.6    | 88.3    | 84.0    |
| 105°   | 342.6   | 305.3   | 268.0   | 230.6   | 218.8   | 206.9   | 195.1   | 183.1   | 171.2   | 159.3   | 147.5   |
| 107.5° | 517.9   | 479.9   | 442.2   | 404.3   | 382.6   | 360.7   | 338.7   | 316.6   | 294.9   | 272.8   | 250.8   |
| 110°   | 617.4   | 589.9   | 562.2   | 534.5   | 517.2   | 499.5   | 481.8   | 464.1   | 446.6   | 428.9   | 411.2   |



TEST NUMBER: P1444628  
 CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 635.9 | 616.3  | 596.8 | 576.9  | 569.1 | 561.1  | 553.3 | 545.3  | 537.4 | 529.2  | 521.3 |
| 115°   | 600.0 | 587.0  | 573.8 | 560.5  | 558.0 | 555.3  | 552.7 | 549.8  | 547.2 | 544.3  | 541.3 |
| 117.5° | 541.5 | 534.3  | 527.1 | 519.8  | 520.4 | 521.2  | 522.0 | 522.6  | 523.0 | 523.4  | 523.8 |
| 120°   | 480.9 | 478.2  | 475.5 | 472.6  | 475.5 | 478.1  | 480.9 | 483.4  | 485.9 | 488.2  | 490.5 |
| 122.5° | 432.5 | 431.6  | 431.0 | 429.9  | 433.5 | 436.9  | 440.1 | 443.2  | 446.3 | 449.0  | 451.7 |
| 125°   | 395.8 | 395.6  | 395.6 | 395.3  | 398.9 | 402.3  | 405.7 | 408.6  | 411.9 | 414.5  | 417.4 |
| 127.5° | 372.8 | 373.3  | 374.0 | 374.1  | 377.1 | 379.4  | 382.1 | 384.2  | 386.6 | 388.4  | 390.5 |
| 130°   | 358.4 | 358.6  | 359.2 | 359.4  | 362.0 | 364.4  | 367.0 | 368.9  | 371.2 | 372.8  | 374.4 |
| 132.5° | 351.2 | 351.4  | 351.8 | 352.0  | 354.1 | 356.0  | 358.0 | 359.3  | 361.1 | 362.1  | 363.2 |
| 135°   | 346.2 | 346.1  | 346.4 | 346.4  | 348.5 | 350.4  | 352.1 | 353.5  | 355.2 | 356.1  | 357.2 |
| 137.5° | 342.6 | 342.6  | 342.8 | 342.8  | 344.8 | 346.4  | 348.0 | 349.3  | 350.7 | 351.8  | 352.5 |
| 140°   | 340.2 | 339.9  | 340.1 | 339.8  | 341.5 | 343.0  | 344.6 | 345.8  | 347.0 | 347.7  | 348.6 |
| 142.5° | 337.8 | 337.1  | 337.2 | 336.4  | 337.8 | 338.9  | 340.1 | 340.9  | 341.9 | 342.5  | 343.0 |
| 145°   | 337.7 | 336.7  | 336.3 | 335.5  | 336.4 | 337.4  | 338.3 | 339.3  | 339.7 | 340.1  | 340.6 |
| 147.5° | 337.9 | 336.9  | 336.1 | 335.3  | 336.3 | 336.8  | 337.5 | 337.8  | 338.6 | 338.8  | 339.1 |
| 150°   | 337.8 | 336.6  | 335.6 | 334.6  | 335.2 | 335.5  | 335.9 | 336.5  | 336.8 | 336.9  | 337.2 |
| 152.5° | 336.8 | 335.7  | 334.8 | 333.5  | 333.8 | 334.1  | 334.3 | 334.4  | 334.7 | 334.7  | 334.7 |
| 155°   | 338.1 | 337.0  | 336.0 | 334.9  | 335.3 | 335.3  | 335.3 | 335.3  | 335.3 | 335.2  | 335.1 |
| 157.5° | 341.4 | 340.3  | 339.9 | 338.7  | 338.6 | 338.6  | 338.5 | 337.9  | 337.9 | 337.5  | 337.1 |
| 160°   | 345.0 | 344.1  | 343.4 | 342.6  | 342.3 | 342.1  | 342.1 | 341.5  | 341.3 | 340.8  | 340.5 |
| 162.5° | 348.9 | 348.1  | 347.1 | 346.3  | 346.0 | 345.9  | 345.7 | 345.1  | 345.0 | 344.4  | 344.0 |
| 165°   | 353.5 | 352.9  | 352.3 | 351.4  | 351.2 | 350.9  | 350.7 | 350.0  | 349.7 | 349.0  | 348.5 |
| 167.5° | 358.1 | 357.5  | 356.9 | 356.0  | 355.9 | 355.8  | 355.6 | 355.2  | 355.0 | 354.4  | 354.2 |
| 170°   | 362.4 | 361.8  | 361.4 | 360.7  | 360.3 | 360.2  | 359.8 | 359.5  | 359.0 | 358.6  | 358.1 |
| 172.5° | 365.4 | 364.9  | 364.3 | 363.5  | 363.5 | 363.3  | 363.1 | 362.9  | 362.4 | 362.1  | 361.9 |
| 175°   | 366.1 | 365.8  | 365.0 | 364.7  | 364.6 | 364.4  | 364.2 | 364.0  | 363.7 | 363.5  | 363.2 |
| 177.5° | 368.0 | 367.8  | 367.1 | 366.9  | 366.8 | 366.8  | 366.6 | 366.4  | 366.4 | 366.3  | 366.1 |
| 180°   | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 | 367.9  | 367.9 |



TEST NUMBER: P1444628  
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 357.5°  | 360°    |
|--------|---------|---------|
| 0°     | 45509.2 | 45509.2 |
| 2.5°   | 45685.4 | 45683.0 |
| 5°     | 45855.2 | 45852.6 |
| 7.5°   | 45984.5 | 45983.6 |
| 10°    | 45999.6 | 46007.6 |
| 12.5°  | 45907.9 | 45914.3 |
| 15°    | 45639.9 | 45652.4 |
| 17.5°  | 45127.4 | 45143.8 |
| 20°    | 44244.7 | 44261.8 |
| 22.5°  | 42815.1 | 42822.2 |
| 25°    | 40736.7 | 40707.2 |
| 27.5°  | 37903.2 | 37852.4 |
| 30°    | 34301.1 | 34252.0 |
| 32.5°  | 30006.3 | 29975.7 |
| 35°    | 25172.0 | 25152.6 |
| 37.5°  | 20082.3 | 20042.8 |
| 40°    | 15141.1 | 15026.1 |
| 42.5°  | 10807.4 | 10605.5 |
| 45°    | 7468.9  | 7229.6  |
| 47.5°  | 5214.0  | 5066.1  |
| 50°    | 3952.1  | 3904.4  |
| 52.5°  | 3220.3  | 3209.1  |
| 55°    | 2717.2  | 2712.3  |
| 57.5°  | 2339.0  | 2337.3  |
| 60°    | 2042.0  | 2041.5  |
| 62.5°  | 1820.6  | 1821.3  |
| 65°    | 1664.6  | 1664.9  |
| 67.5°  | 1527.2  | 1526.3  |
| 70°    | 1368.5  | 1367.3  |
| 72.5°  | 1259.3  | 1257.4  |
| 75°    | 1174.9  | 1173.7  |
| 77.5°  | 1054.8  | 1053.0  |
| 80°    | 909.4   | 907.0   |
| 82.5°  | 748.0   | 745.4   |
| 85°    | 557.9   | 558.1   |
| 87.5°  | 341.3   | 341.2   |
| 90°    | 141.8   | 139.4   |
| 92.5°  | 27.9    | 26.7    |
| 95°    | 31.5    | 29.9    |
| 97.5°  | 38.4    | 36.9    |
| 100°   | 48.4    | 47.1    |
| 102.5° | 79.6    | 75.2    |
| 105°   | 135.7   | 123.8   |
| 107.5° | 228.9   | 207.0   |
| 110°   | 393.5   | 375.8   |



TEST NUMBER: P1444628  
CATALOG NUMBER: EHBR1-54-UNV-TA-L850-UPL18

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 112.5° | 513.0  | 505.0 |
| 115°   | 538.2  | 535.2 |
| 117.5° | 524.0  | 524.2 |
| 120°   | 492.4  | 494.7 |
| 122.5° | 454.2  | 456.7 |
| 125°   | 419.8  | 422.3 |
| 127.5° | 391.9  | 393.3 |
| 130°   | 375.3  | 376.8 |
| 132.5° | 363.9  | 364.4 |
| 135°   | 357.5  | 358.0 |
| 137.5° | 352.8  | 353.2 |
| 140°   | 348.7  | 349.1 |
| 142.5° | 343.2  | 343.4 |
| 145°   | 340.8  | 340.8 |
| 147.5° | 338.6  | 338.6 |
| 150°   | 336.9  | 336.7 |
| 152.5° | 334.3  | 334.2 |
| 155°   | 334.6  | 334.3 |
| 157.5° | 336.4  | 335.9 |
| 160°   | 339.7  | 339.3 |
| 162.5° | 343.2  | 342.8 |
| 165°   | 347.6  | 346.9 |
| 167.5° | 353.4  | 353.2 |
| 170°   | 357.6  | 357.4 |
| 172.5° | 361.4  | 361.0 |
| 175°   | 363.1  | 362.9 |
| 177.5° | 366.1  | 365.7 |
| 180°   | 367.9  | 367.9 |

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



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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

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

**Test Information**

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

**Spectral Parameters**

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

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



**Test Conditions**

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

REPORT NUMBER: SP1-2506-472-4

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

REPORT NUMBER: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

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

REPORT NUMBER: SP1-2506-472-4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.82**

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

REPORT NUMBER: SP1-2506-472-4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

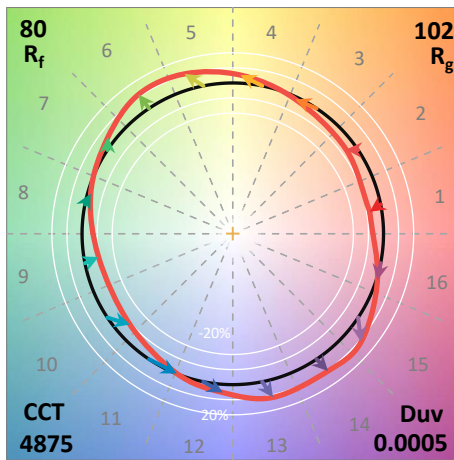
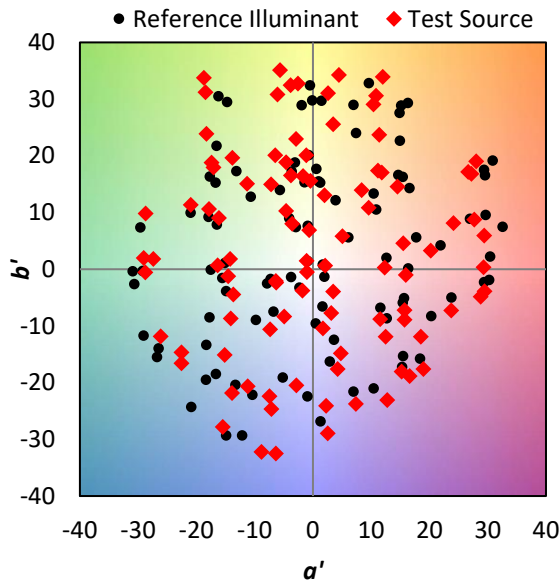
| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|-------------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

**Summary**

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

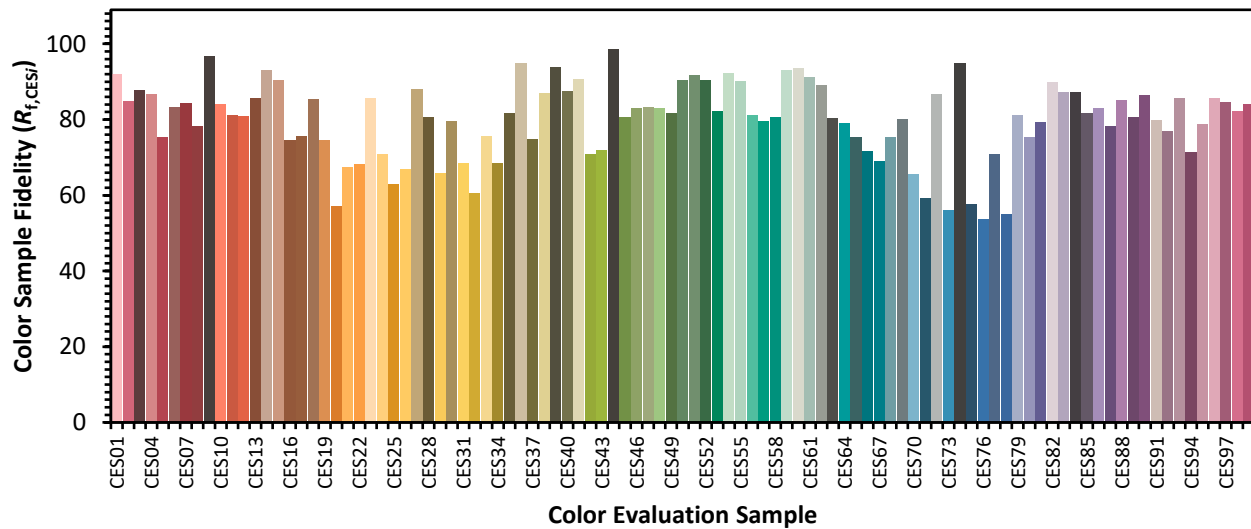


**Color Vector Graphics**

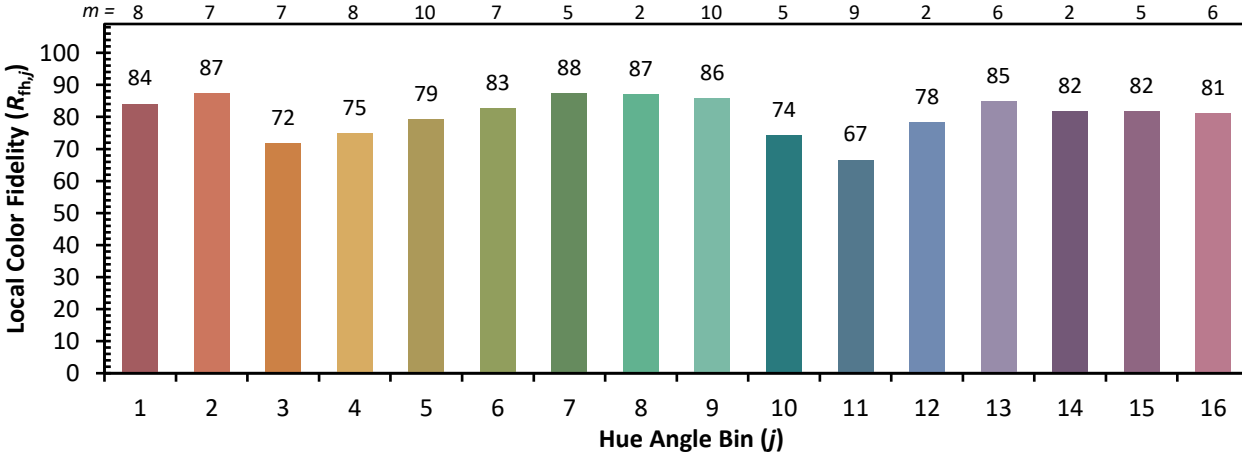


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

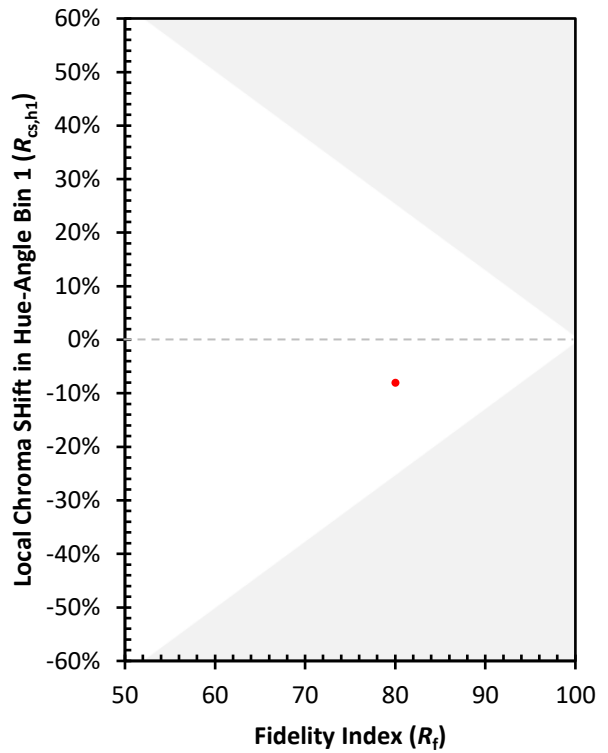
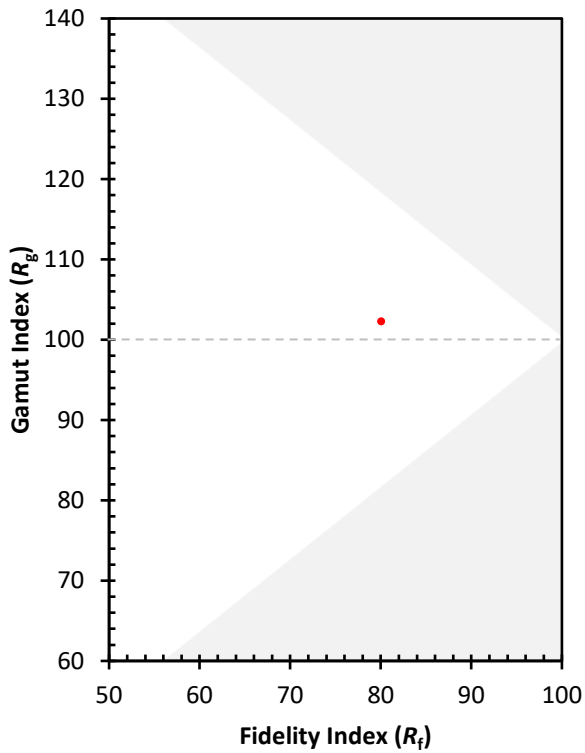
|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 67 | CES51 = 92 | CES76 = 54 |
| CES02 = 60 | CES27 = 88 | CES52 = 91 | CES77 = 71 |
| CES03 = 31 | CES28 = 81 | CES53 = 82 | CES78 = 55 |
| CES04 = 69 | CES29 = 66 | CES54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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)