

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: P1444843

Luminaire Tested: EHBR1-54-UNV-TA-L940-UPL15

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444843
REPORT IS A COMBINATION OF REPORTS P1444316 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-54-UNV-TA-L940-UPL15
Description: Elevate Round Highbay at, 54000 lumens, 4000K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

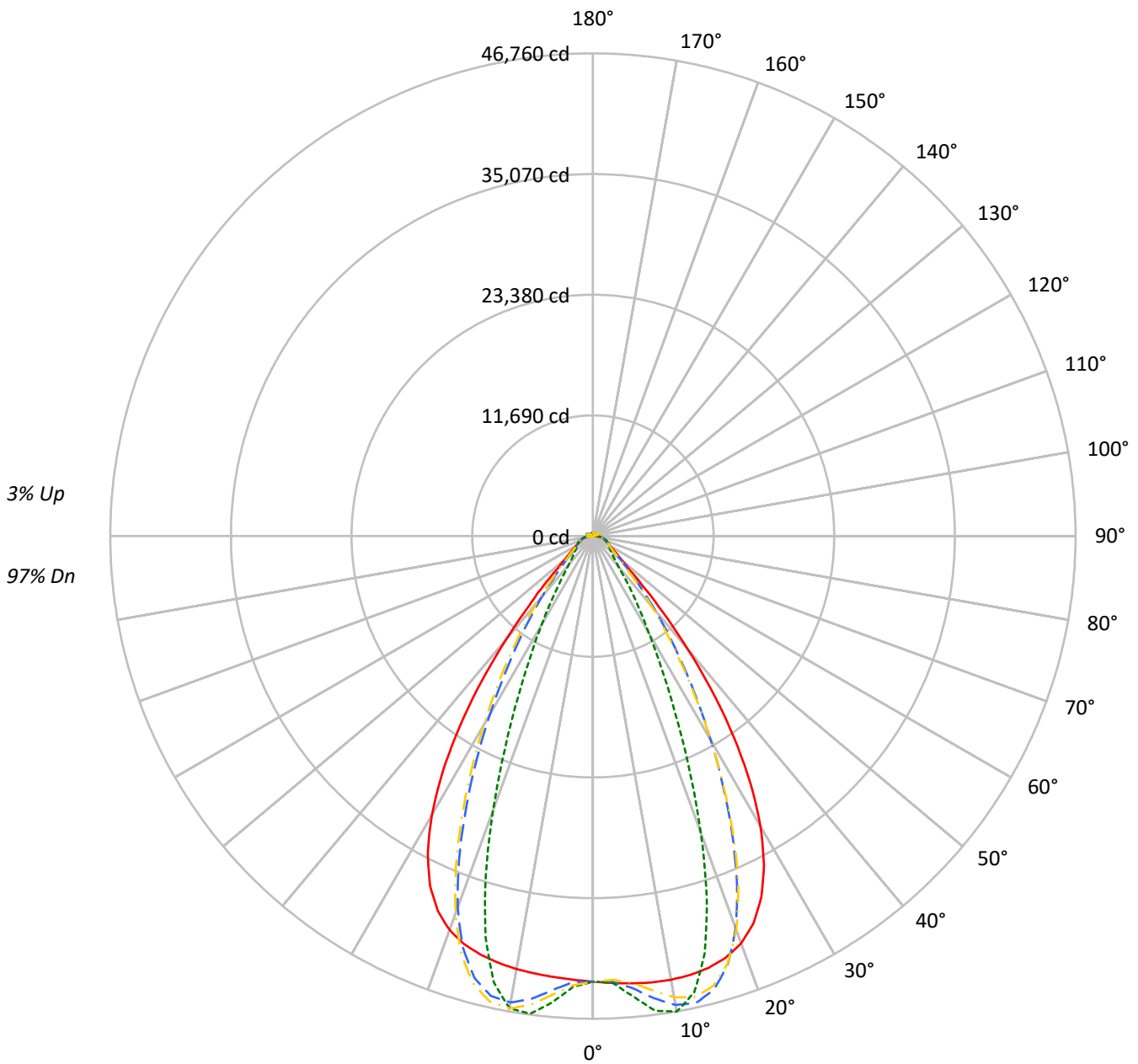
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 51358.8 lumens
Efficiency: N/A
Efficacy: 168.2 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): 305.3
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: P1444843
CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444843

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 99 | 97 | |
| 1 | 111 | 108 | 105 | 102 | 108 | 105 | 102 | 100 | 100 | 98 | 96 | 96 | 94 | 93 | 92 | 91 | 90 | 90 | 87 | |
| 2 | 104 | 99 | 94 | 90 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 89 | 86 | 83 | 86 | 83 | 81 | 81 | 79 | |
| 3 | 98 | 91 | 85 | 80 | 96 | 89 | 83 | 79 | 86 | 81 | 77 | 83 | 79 | 76 | 80 | 77 | 74 | 74 | 72 | |
| 4 | 92 | 84 | 77 | 72 | 90 | 82 | 76 | 72 | 79 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 68 | 68 | 66 | |
| 5 | 87 | 77 | 71 | 66 | 85 | 76 | 70 | 65 | 74 | 69 | 64 | 72 | 67 | 64 | 70 | 66 | 63 | 63 | 61 | |
| 6 | 82 | 72 | 65 | 60 | 80 | 71 | 65 | 60 | 69 | 64 | 59 | 67 | 62 | 59 | 66 | 61 | 58 | 58 | 56 | |
| 7 | 78 | 67 | 60 | 56 | 76 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 54 | 62 | 57 | 54 | 54 | 52 | |
| 8 | 74 | 63 | 56 | 52 | 72 | 62 | 56 | 52 | 61 | 55 | 51 | 59 | 54 | 51 | 58 | 54 | 50 | 50 | 49 | |
| 9 | 70 | 59 | 53 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 51 | 47 | 55 | 50 | 47 | 47 | 45 | |
| 10 | 66 | 56 | 49 | 45 | 65 | 55 | 49 | 45 | 54 | 48 | 45 | 53 | 48 | 44 | 52 | 47 | 44 | 44 | 43 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 202699 | 202699 | 202699 | 202699 |
| 5° | 203680 | 209620 | 200830 | 212366 |
| 10° | 205381 | 220085 | 200455 | 218628 |
| 15° | 206388 | 199505 | 200105 | 191472 |
| 20° | 204254 | 148624 | 197569 | 137513 |
| 25° | 193335 | 93996 | 186945 | 85285 |
| 30° | 168893 | 56485 | 162351 | 51622 |
| 35° | 129981 | 35444 | 122504 | 31397 |
| 40° | 82225 | 22234 | 75228 | 20893 |
| 45° | 42380 | 17321 | 41678 | 17037 |
| 50° | 24847 | 15407 | 24085 | 15167 |
| 55° | 19036 | 14577 | 18331 | 14445 |
| 60° | 16106 | 14891 | 15421 | 14698 |
| 65° | 15128 | 15549 | 14549 | 15020 |
| 70° | 14780 | 16282 | 14043 | 15669 |
| 75° | 15803 | 17268 | 14948 | 16505 |
| 80° | 16353 | 19121 | 14827 | 17454 |
| 85° | 15403 | 18449 | 12444 | 15799 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 64857 cd/sqm



TEST NUMBER: P1444843
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 4253.8 | 8.3 |
| 10°-20° | 11966.5 | 23.3 |
| 20°-30° | 13628.9 | 26.5 |
| 30°-40° | 9795.8 | 19.1 |
| 40°-50° | 4517.8 | 8.8 |
| 50°-60° | 2162.0 | 4.2 |
| 60°-70° | 1577.5 | 3.1 |
| 70°-80° | 1198.4 | 2.3 |
| 80°-90° | 547.6 | 1.1 |
| 90°-100° | 54.1 | 0.1 |
| 100°-110° | 254.4 | 0.5 |
| 110°-120° | 468.9 | 0.9 |
| 120°-130° | 301.7 | 0.6 |
| 130°-140° | 213.3 | 0.4 |
| 140°-150° | 173.6 | 0.3 |
| 150°-160° | 130.9 | 0.3 |
| 160°-170° | 83.9 | 0.2 |
| 170°-180° | 29.7 | 0.1 |
| 0°-30° | 29849.2 | 58.1 |
| 0°-40° | 39645.1 | 77.2 |
| 0°-60° | 46324.9 | 90.2 |
| 0°-90° | 49648.4 | 96.7 |
| 90°-120° | 777.4 | 1.5 |
| 90°-150° | 1466.0 | 2.9 |
| 90°-180° | 1710.0 | 3.3 |
| 0°-180° | 51358.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-------|-------|-------|-------|-------|-------|
| 0° | 43163 | 43163 | 43163 | 43163 | 43163 | |
| 5° | 43489 | 44757 | 42880 | 45343 | 43489 | 4156 |
| 15° | 43299 | 41855 | 41981 | 40170 | 43299 | 12200 |
| 25° | 38609 | 18771 | 37333 | 17031 | 38609 | 17502 |
| 35° | 23856 | 6505 | 22484 | 5762 | 23856 | 14641 |
| 45° | 6857 | 2802 | 6743 | 2756 | 6857 | 5832 |
| 55° | 2572 | 1970 | 2477 | 1952 | 2572 | 2375 |
| 65° | 1579 | 1623 | 1519 | 1568 | 1579 | 1577 |
| 75° | 1113 | 1216 | 1053 | 1163 | 1113 | 1158 |
| 85° | 529 | 634 | 428 | 543 | 529 | 497 |
| 90° | 130 | 168 | 28 | 37 | 130 | 83 |
| 95° | 24 | 26 | 24 | 27 | 24 | 23 |
| 105° | 97 | 121 | 68 | 121 | 97 | 127 |
| 115° | 415 | 490 | 434 | 491 | 415 | 385 |
| 125° | 334 | 328 | 374 | 330 | 334 | 303 |
| 135° | 291 | 239 | 311 | 243 | 291 | 226 |
| 145° | 283 | 257 | 298 | 264 | 283 | 178 |
| 155° | 282 | 274 | 297 | 279 | 282 | 131 |
| 165° | 296 | 290 | 305 | 294 | 296 | 84 |
| 175° | 312 | 313 | 316 | 314 | 312 | 30 |
| 180° | 316 | 316 | 316 | 316 | 316 | |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43328.2 | 43324.7 | 43324.1 | 43321.1 | 43320.2 | 43320.2 | 43318.8 | 43315.3 | 43313.0 | 43308.1 | 43302.5 |
| 5° | 43489.0 | 43487.1 | 43488.2 | 43488.6 | 43485.5 | 43478.8 | 43468.3 | 43455.3 | 43438.9 | 43423.6 | 43409.8 |
| 7.5° | 43613.3 | 43616.4 | 43620.2 | 43619.4 | 43610.0 | 43594.1 | 43572.5 | 43560.4 | 43567.6 | 43591.0 | 43644.8 |
| 10° | 43636.0 | 43654.6 | 43661.8 | 43659.5 | 43640.7 | 43627.1 | 43632.3 | 43678.1 | 43769.1 | 43890.6 | 44056.6 |
| 12.5° | 43547.5 | 43570.3 | 43569.4 | 43562.0 | 43543.7 | 43562.3 | 43628.5 | 43764.6 | 43959.8 | 44199.3 | 44480.2 |
| 15° | 43299.2 | 43328.6 | 43320.2 | 43310.5 | 43298.3 | 43359.3 | 43491.5 | 43728.0 | 44029.4 | 44367.1 | 44712.7 |
| 17.5° | 42816.8 | 42852.3 | 42835.1 | 42824.0 | 42813.8 | 42928.0 | 43155.3 | 43501.5 | 43881.1 | 44263.1 | 44590.7 |
| 20° | 41980.2 | 42004.0 | 41962.9 | 41943.5 | 41959.9 | 42183.7 | 42518.4 | 42960.6 | 43360.7 | 43721.9 | 43945.9 |
| 22.5° | 40614.9 | 40644.4 | 40567.2 | 40558.3 | 40653.6 | 40997.3 | 41421.0 | 41915.2 | 42291.2 | 42577.5 | 42663.8 |
| 25° | 38608.9 | 38638.0 | 38546.2 | 38601.1 | 38763.3 | 39231.4 | 39736.0 | 40264.7 | 40585.5 | 40797.5 | 40739.0 |
| 27.5° | 35901.2 | 35927.8 | 35840.8 | 35952.8 | 36209.2 | 36824.4 | 37418.2 | 37991.7 | 38277.6 | 38426.2 | 38237.9 |
| 30° | 32486.4 | 32541.5 | 32438.7 | 32595.0 | 32986.4 | 33785.2 | 34465.5 | 35108.6 | 35393.7 | 35506.8 | 35213.7 |
| 32.5° | 28430.6 | 28509.1 | 28395.7 | 28628.3 | 29174.4 | 30133.9 | 30906.7 | 31625.3 | 31940.5 | 32069.7 | 31738.6 |
| 35° | 23856.1 | 23968.7 | 23838.7 | 24187.7 | 24861.3 | 25929.7 | 26785.6 | 27587.8 | 27961.2 | 28144.2 | 27810.6 |
| 37.5° | 19009.7 | 19117.0 | 19046.7 | 19512.3 | 20252.0 | 21359.5 | 22233.1 | 23098.5 | 23520.1 | 23794.8 | 23531.9 |
| 40° | 14251.6 | 14349.8 | 14403.1 | 14935.6 | 15631.3 | 16675.2 | 17514.1 | 18370.5 | 18842.2 | 19187.0 | 19024.8 |
| 42.5° | 10058.8 | 10157.8 | 10338.9 | 10852.7 | 11433.0 | 12297.0 | 13015.6 | 13784.4 | 14235.1 | 14602.9 | 14540.3 |
| 45° | 6856.9 | 6971.9 | 7198.7 | 7619.5 | 8039.1 | 8658.9 | 9186.7 | 9784.6 | 10152.7 | 10489.6 | 10493.6 |
| 47.5° | 4805.0 | 4885.7 | 5088.5 | 5375.8 | 5649.3 | 6425.3 | 6457.1 | 6751.0 | 6998.4 | 7250.3 | 7282.9 |
| 50° | 3703.1 | 3751.7 | 3859.2 | 4019.4 | 4174.3 | 4375.8 | 4560.2 | 4773.1 | 4925.4 | 5063.5 | 5096.5 |
| 52.5° | 3043.7 | 3074.6 | 3129.3 | 3216.0 | 3305.9 | 3415.5 | 3514.2 | 3631.1 | 3714.0 | 3787.9 | 3803.4 |
| 55° | 2572.5 | 2598.1 | 2679.5 | 2695.9 | 2798.8 | 2818.6 | 2862.5 | 2933.7 | 2981.8 | 3026.1 | 3037.2 |
| 57.5° | 2216.9 | 2235.4 | 2252.7 | 2289.6 | 2321.3 | 2367.4 | 2404.5 | 2455.5 | 2485.9 | 2517.9 | 2520.7 |
| 60° | 1936.2 | 1949.7 | 1962.0 | 1987.6 | 2009.2 | 2041.2 | 2066.8 | 2101.5 | 2123.2 | 2147.3 | 2150.0 |
| 62.5° | 1727.5 | 1737.1 | 1745.3 | 1762.2 | 1777.6 | 1802.2 | 1822.5 | 1851.5 | 1871.8 | 1890.3 | 1894.5 |
| 65° | 1579.0 | 1586.1 | 1591.3 | 1604.2 | 1617.6 | 1638.6 | 1656.9 | 1680.6 | 1695.5 | 1709.8 | 1712.7 |
| 67.5° | 1447.6 | 1454.3 | 1459.7 | 1471.3 | 1480.7 | 1496.3 | 1508.7 | 1526.4 | 1537.6 | 1549.0 | 1549.3 |
| 70° | 1296.9 | 1303.1 | 1307.3 | 1318.2 | 1325.6 | 1339.1 | 1349.0 | 1365.0 | 1376.5 | 1389.2 | 1392.3 |
| 72.5° | 1192.6 | 1196.2 | 1201.8 | 1211.8 | 1222.1 | 1236.6 | 1249.8 | 1266.5 | 1280.4 | 1293.5 | 1299.1 |
| 75° | 1113.2 | 1117.5 | 1121.2 | 1129.7 | 1136.9 | 1149.1 | 1159.0 | 1174.2 | 1186.4 | 1200.4 | 1207.3 |
| 77.5° | 998.7 | 1003.7 | 1006.8 | 1015.3 | 1021.5 | 1033.2 | 1040.6 | 1054.2 | 1064.1 | 1076.9 | 1083.1 |
| 80° | 860.3 | 864.9 | 867.2 | 875.2 | 880.1 | 890.8 | 898.1 | 911.1 | 919.5 | 932.3 | 939.8 |
| 82.5° | 706.9 | 711.4 | 712.6 | 720.2 | 722.9 | 731.7 | 736.9 | 750.4 | 760.7 | 777.3 | 788.8 |
| 85° | 529.4 | 530.9 | 533.5 | 531.6 | 542.3 | 543.0 | 555.1 | 557.3 | 573.3 | 577.5 | 595.7 |
| 87.5° | 323.7 | 328.4 | 330.8 | 338.2 | 341.4 | 348.7 | 351.0 | 358.8 | 363.2 | 372.1 | 376.3 |
| 90° | 129.8 | 136.7 | 138.7 | 146.8 | 148.7 | 156.0 | 157.4 | 165.5 | 167.5 | 176.0 | 178.6 |
| 92.5° | 21.8 | 22.9 | 23.9 | 25.5 | 26.6 | 28.7 | 30.3 | 31.8 | 33.0 | 34.9 | 37.4 |
| 95° | 24.3 | 25.6 | 26.9 | 28.1 | 29.4 | 30.7 | 32.0 | 33.3 | 34.6 | 35.9 | 39.4 |
| 97.5° | 29.8 | 30.9 | 32.0 | 33.2 | 34.3 | 35.4 | 36.5 | 37.6 | 38.8 | 39.8 | 44.3 |
| 100° | 37.9 | 38.8 | 39.8 | 40.7 | 41.6 | 42.7 | 43.6 | 44.5 | 45.5 | 46.4 | 54.6 |
| 102.5° | 59.7 | 63.1 | 66.4 | 69.7 | 73.0 | 76.2 | 79.7 | 82.8 | 86.2 | 89.5 | 106.9 |
| 105° | 97.3 | 106.1 | 115.4 | 124.3 | 133.3 | 142.4 | 151.5 | 160.1 | 169.3 | 178.2 | 206.8 |
| 107.5° | 161.4 | 177.9 | 194.7 | 211.5 | 228.3 | 244.9 | 261.7 | 278.3 | 294.9 | 311.4 | 340.3 |
| 110° | 291.2 | 304.4 | 317.9 | 331.3 | 344.6 | 358.2 | 371.5 | 384.6 | 398.1 | 411.3 | 432.4 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 390.8 | 396.7 | 402.7 | 408.7 | 414.7 | 420.5 | 426.4 | 432.3 | 438.2 | 443.9 | 458.7 |
| 115° | 415.0 | 416.8 | 419.0 | 420.6 | 422.7 | 424.5 | 426.3 | 428.0 | 430.0 | 431.5 | 441.5 |
| 117.5° | 407.6 | 406.8 | 406.2 | 405.7 | 404.8 | 404.1 | 403.3 | 402.5 | 401.5 | 400.6 | 406.0 |
| 120° | 386.2 | 383.9 | 381.8 | 379.4 | 377.1 | 374.6 | 372.5 | 370.0 | 367.3 | 364.7 | 366.9 |
| 122.5° | 358.4 | 355.7 | 353.4 | 350.4 | 347.7 | 344.6 | 342.0 | 338.7 | 336.0 | 333.0 | 333.2 |
| 125° | 333.6 | 330.7 | 328.4 | 325.4 | 322.3 | 319.4 | 316.4 | 313.2 | 310.1 | 306.9 | 306.6 |
| 127.5° | 312.9 | 310.9 | 308.9 | 306.4 | 304.1 | 301.7 | 299.2 | 296.4 | 294.2 | 291.2 | 290.7 |
| 130° | 301.9 | 300.1 | 298.0 | 295.7 | 293.6 | 291.1 | 288.6 | 286.0 | 283.7 | 280.9 | 280.1 |
| 132.5° | 294.0 | 292.6 | 291.0 | 289.1 | 287.2 | 284.9 | 283.0 | 280.4 | 278.5 | 276.2 | 275.5 |
| 135° | 290.8 | 289.2 | 287.8 | 286.0 | 284.2 | 281.9 | 279.8 | 277.5 | 275.4 | 273.0 | 272.4 |
| 137.5° | 288.6 | 287.3 | 285.8 | 284.0 | 282.2 | 280.0 | 278.0 | 275.7 | 273.5 | 271.3 | 270.5 |
| 140° | 286.9 | 285.5 | 284.2 | 282.3 | 280.7 | 278.7 | 276.7 | 274.6 | 272.4 | 270.2 | 269.7 |
| 142.5° | 284.0 | 282.6 | 281.5 | 279.9 | 278.4 | 276.5 | 274.6 | 272.5 | 270.8 | 268.7 | 268.4 |
| 145° | 283.1 | 282.0 | 281.0 | 279.7 | 278.1 | 276.2 | 274.6 | 272.7 | 271.1 | 269.2 | 269.0 |
| 147.5° | 282.6 | 281.5 | 280.8 | 279.4 | 278.3 | 276.6 | 275.1 | 273.3 | 271.9 | 270.3 | 270.2 |
| 150° | 282.1 | 281.3 | 280.4 | 279.3 | 278.0 | 276.6 | 275.2 | 273.7 | 272.2 | 270.6 | 270.5 |
| 152.5° | 280.9 | 279.9 | 279.2 | 278.1 | 276.9 | 275.4 | 274.4 | 272.8 | 271.5 | 270.0 | 269.8 |
| 155° | 282.0 | 281.0 | 280.1 | 279.0 | 277.9 | 276.7 | 275.4 | 274.1 | 273.0 | 271.5 | 271.3 |
| 157.5° | 284.2 | 283.2 | 282.5 | 281.3 | 280.5 | 279.4 | 278.4 | 277.2 | 276.1 | 275.0 | 274.6 |
| 160° | 288.0 | 287.0 | 286.2 | 285.1 | 284.1 | 282.8 | 282.0 | 280.8 | 280.1 | 278.8 | 278.6 |
| 162.5° | 291.9 | 290.9 | 289.9 | 288.9 | 288.0 | 286.9 | 286.0 | 285.1 | 284.2 | 282.9 | 282.8 |
| 165° | 296.2 | 295.6 | 294.8 | 293.9 | 293.2 | 292.4 | 291.6 | 290.6 | 289.8 | 288.8 | 288.7 |
| 167.5° | 302.1 | 301.2 | 300.6 | 299.8 | 298.9 | 298.2 | 297.4 | 296.4 | 295.9 | 294.9 | 294.7 |
| 170° | 306.2 | 305.4 | 304.9 | 304.5 | 303.8 | 303.2 | 302.7 | 302.0 | 301.4 | 300.7 | 300.6 |
| 172.5° | 309.7 | 309.0 | 308.7 | 308.5 | 307.8 | 307.4 | 307.0 | 306.5 | 306.2 | 305.6 | 305.8 |
| 175° | 311.6 | 311.2 | 311.1 | 310.7 | 310.4 | 310.1 | 310.0 | 309.6 | 309.6 | 309.1 | 309.1 |
| 177.5° | 314.2 | 314.1 | 314.1 | 313.9 | 313.9 | 313.7 | 313.5 | 313.2 | 313.0 | 313.0 | 313.1 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43298.3 | 43293.0 | 43285.8 | 43276.7 | 43268.9 | 43259.8 | 43238.1 | 43231.8 | 43239.0 | 43243.8 | 43253.7 |
| 5° | 43401.2 | 43404.2 | 43405.4 | 43425.0 | 43442.0 | 43484.4 | 43816.5 | 43948.4 | 44050.5 | 44115.3 | 44213.7 |
| 7.5° | 43711.4 | 43811.2 | 43909.9 | 44042.7 | 44157.2 | 44311.9 | 44892.9 | 45140.2 | 45316.0 | 45442.4 | 45597.9 |
| 10° | 44237.0 | 44454.9 | 44659.2 | 44898.5 | 45104.2 | 45339.8 | 45880.7 | 46121.6 | 46273.7 | 46384.4 | 46487.8 |
| 12.5° | 44766.5 | 45068.7 | 45341.8 | 45608.1 | 45830.8 | 46035.0 | 46225.3 | 46309.6 | 46316.8 | 46320.3 | 46265.4 |
| 15° | 45042.3 | 45331.2 | 45571.8 | 45747.9 | 45878.8 | 45936.6 | 45609.3 | 45437.5 | 45220.3 | 45041.5 | 44747.3 |
| 17.5° | 44868.2 | 45041.5 | 45145.5 | 45135.2 | 45081.2 | 44900.1 | 43972.6 | 43462.5 | 42956.0 | 42499.6 | 41901.1 |
| 20° | 44094.5 | 44081.2 | 43990.8 | 43734.7 | 43426.1 | 42946.3 | 41356.1 | 40438.7 | 39551.7 | 38772.7 | 37827.6 |
| 22.5° | 42654.9 | 42428.4 | 42112.6 | 41560.4 | 40946.9 | 40108.6 | 37829.8 | 36480.4 | 35245.5 | 34154.7 | 32932.7 |
| 25° | 40569.1 | 40103.1 | 39520.7 | 38644.0 | 37690.7 | 36467.9 | 33659.2 | 31980.7 | 30498.2 | 29212.3 | 27802.4 |
| 27.5° | 37899.7 | 37197.8 | 36344.1 | 35130.9 | 33839.2 | 32272.7 | 29158.9 | 27306.4 | 25714.9 | 24336.4 | 22835.7 |
| 30° | 34739.4 | 33826.5 | 32724.2 | 31218.3 | 29660.4 | 27883.6 | 24725.5 | 22849.3 | 21238.4 | 19820.1 | 18318.3 |
| 32.5° | 31167.9 | 30098.7 | 28807.1 | 27116.8 | 25432.1 | 23605.3 | 20555.3 | 18739.2 | 17200.3 | 15835.9 | 14476.7 |
| 35° | 27228.8 | 26082.2 | 24715.7 | 22991.8 | 21317.1 | 19541.0 | 16742.4 | 15104.9 | 13746.0 | 12539.9 | 11442.4 |
| 37.5° | 23003.4 | 21877.6 | 20578.8 | 18954.0 | 17401.1 | 15791.6 | 13376.8 | 12004.6 | 10864.3 | 9863.3 | 9015.8 |
| 40° | 18610.3 | 17625.0 | 16501.2 | 15096.6 | 13771.2 | 12430.9 | 10448.7 | 9359.4 | 8459.4 | 7696.0 | 7061.0 |
| 42.5° | 14270.8 | 13507.3 | 12645.5 | 11535.4 | 10521.3 | 9500.6 | 7975.1 | 7168.0 | 6501.4 | 5951.9 | 5503.0 |
| 45° | 10353.9 | 9843.2 | 9265.2 | 8493.5 | 7791.7 | 7079.9 | 5994.0 | 5426.9 | 4992.8 | 4638.5 | 4338.9 |
| 47.5° | 7238.0 | 6941.7 | 6923.6 | 6210.4 | 5695.8 | 5260.5 | 4561.1 | 4202.8 | 3936.9 | 3722.1 | 3532.4 |
| 50° | 5083.0 | 4939.7 | 4761.6 | 4507.1 | 4268.2 | 4022.3 | 3596.1 | 3379.5 | 3223.7 | 3093.6 | 2973.6 |
| 52.5° | 3799.9 | 3725.5 | 3630.6 | 3495.6 | 3366.2 | 3227.9 | 2958.2 | 2820.3 | 2771.3 | 2650.2 | 2555.1 |
| 55° | 3035.1 | 2992.4 | 2938.5 | 2859.1 | 2780.4 | 2748.9 | 2517.8 | 2415.4 | 2350.5 | 2302.7 | 2251.7 |
| 57.5° | 2521.1 | 2489.3 | 2457.3 | 2403.6 | 2357.9 | 2302.7 | 2180.1 | 2127.6 | 2089.0 | 2060.9 | 2025.5 |
| 60° | 2150.4 | 2131.4 | 2113.5 | 2081.9 | 2057.4 | 2027.6 | 1949.7 | 1920.1 | 1899.9 | 1882.9 | 1860.4 |
| 62.5° | 1898.0 | 1888.3 | 1878.9 | 1862.2 | 1849.7 | 1833.6 | 1780.3 | 1766.0 | 1756.0 | 1747.5 | 1733.7 |
| 65° | 1715.8 | 1708.8 | 1703.7 | 1692.4 | 1686.2 | 1676.8 | 1631.0 | 1621.4 | 1615.2 | 1612.1 | 1604.2 |
| 67.5° | 1550.3 | 1542.9 | 1539.5 | 1531.5 | 1529.0 | 1523.1 | 1485.6 | 1480.4 | 1478.2 | 1479.3 | 1476.4 |
| 70° | 1395.4 | 1392.3 | 1393.9 | 1392.7 | 1396.2 | 1397.3 | 1374.6 | 1374.5 | 1376.9 | 1381.6 | 1382.1 |
| 72.5° | 1302.6 | 1302.6 | 1304.4 | 1305.1 | 1308.5 | 1310.2 | 1291.3 | 1290.3 | 1291.4 | 1295.0 | 1295.1 |
| 75° | 1214.3 | 1215.8 | 1220.5 | 1222.1 | 1226.1 | 1227.0 | 1202.0 | 1199.1 | 1199.3 | 1202.7 | 1201.5 |
| 77.5° | 1092.1 | 1097.4 | 1106.5 | 1111.3 | 1119.0 | 1120.4 | 1092.4 | 1089.1 | 1089.2 | 1092.5 | 1089.7 |
| 80° | 953.4 | 963.5 | 978.0 | 988.1 | 999.9 | 1004.8 | 976.0 | 969.1 | 962.7 | 961.7 | 956.0 |
| 82.5° | 806.1 | 818.4 | 835.9 | 844.9 | 857.6 | 860.5 | 812.3 | 803.2 | 797.8 | 798.2 | 792.9 |
| 85° | 615.4 | 624.7 | 640.5 | 645.6 | 653.5 | 652.8 | 597.8 | 574.3 | 580.5 | 570.7 | 578.5 |
| 87.5° | 386.0 | 391.5 | 401.4 | 402.7 | 406.3 | 405.5 | 350.2 | 339.3 | 336.1 | 336.2 | 332.2 |
| 90° | 187.3 | 190.5 | 198.9 | 198.7 | 204.2 | 203.0 | 157.9 | 152.5 | 148.9 | 151.3 | 146.0 |
| 92.5° | 40.2 | 42.3 | 45.1 | 47.4 | 50.1 | 52.6 | 50.0 | 51.1 | 49.1 | 46.4 | 44.6 |
| 95° | 43.2 | 47.0 | 50.8 | 54.5 | 58.3 | 62.0 | 65.9 | 69.6 | 66.1 | 62.5 | 59.0 |
| 97.5° | 48.7 | 53.1 | 57.4 | 61.9 | 66.3 | 70.7 | 75.2 | 79.7 | 75.9 | 71.7 | 68.0 |
| 100° | 62.9 | 71.2 | 79.3 | 87.7 | 95.8 | 104.1 | 112.4 | 120.6 | 113.4 | 105.8 | 98.6 |
| 102.5° | 124.3 | 142.0 | 159.5 | 176.9 | 194.3 | 212.0 | 229.8 | 247.4 | 230.6 | 213.6 | 196.8 |
| 105° | 235.2 | 263.6 | 292.0 | 320.1 | 348.6 | 376.9 | 405.8 | 434.3 | 407.4 | 380.6 | 353.7 |
| 107.5° | 369.0 | 397.9 | 426.4 | 455.1 | 484.0 | 512.7 | 542.2 | 571.0 | 544.7 | 518.3 | 492.0 |
| 110° | 453.2 | 473.9 | 494.9 | 515.7 | 536.4 | 557.2 | 579.1 | 600.1 | 584.1 | 568.1 | 552.2 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 473.4 | 488.3 | 503.1 | 517.6 | 532.2 | 547.0 | 563.2 | 578.2 | 569.9 | 561.4 | 553.4 |
| 115° | 451.1 | 461.2 | 470.8 | 480.4 | 490.1 | 499.7 | 511.3 | 521.4 | 518.3 | 515.2 | 512.2 |
| 117.5° | 411.1 | 416.3 | 421.6 | 426.6 | 431.6 | 436.7 | 444.2 | 449.6 | 449.3 | 449.2 | 449.1 |
| 120° | 368.7 | 370.4 | 372.2 | 374.0 | 375.5 | 377.2 | 381.7 | 383.9 | 385.4 | 386.7 | 388.1 |
| 122.5° | 333.4 | 333.7 | 333.8 | 333.9 | 334.0 | 334.1 | 337.4 | 338.3 | 338.8 | 339.5 | 340.2 |
| 125° | 306.2 | 306.0 | 305.6 | 305.2 | 304.6 | 304.3 | 307.5 | 307.6 | 307.0 | 306.1 | 305.5 |
| 127.5° | 289.8 | 289.2 | 288.3 | 287.6 | 286.5 | 285.8 | 288.7 | 288.7 | 286.9 | 285.2 | 283.1 |
| 130° | 279.5 | 278.8 | 278.0 | 277.3 | 276.7 | 276.0 | 279.3 | 279.6 | 277.1 | 274.3 | 271.8 |
| 132.5° | 274.7 | 274.2 | 273.2 | 272.8 | 272.0 | 271.2 | 275.0 | 275.4 | 272.8 | 269.7 | 267.0 |
| 135° | 271.6 | 271.1 | 270.5 | 269.7 | 269.1 | 268.8 | 272.9 | 273.3 | 270.7 | 267.8 | 265.2 |
| 137.5° | 269.7 | 269.2 | 268.6 | 268.2 | 267.5 | 267.1 | 271.8 | 272.4 | 270.3 | 267.7 | 265.5 |
| 140° | 269.1 | 268.6 | 268.1 | 267.8 | 267.3 | 267.2 | 272.2 | 273.1 | 271.4 | 269.2 | 267.2 |
| 142.5° | 267.8 | 267.8 | 267.5 | 267.6 | 267.3 | 267.4 | 273.3 | 274.4 | 273.0 | 271.1 | 269.7 |
| 145° | 268.6 | 268.8 | 268.6 | 268.7 | 268.7 | 269.0 | 275.6 | 277.2 | 276.0 | 274.7 | 273.5 |
| 147.5° | 269.6 | 269.6 | 269.5 | 269.6 | 269.7 | 270.3 | 277.4 | 279.0 | 278.3 | 277.3 | 276.3 |
| 150° | 270.3 | 270.4 | 270.3 | 270.5 | 270.8 | 271.2 | 279.5 | 281.6 | 280.9 | 280.1 | 279.2 |
| 152.5° | 269.6 | 269.6 | 269.6 | 269.8 | 269.9 | 270.4 | 280.6 | 283.1 | 282.6 | 281.6 | 281.1 |
| 155° | 271.0 | 270.9 | 270.7 | 270.8 | 270.7 | 271.3 | 282.6 | 285.3 | 284.8 | 284.2 | 283.7 |
| 157.5° | 274.4 | 274.0 | 273.6 | 273.5 | 273.5 | 273.5 | 285.6 | 288.8 | 288.2 | 287.7 | 287.2 |
| 160° | 278.1 | 277.8 | 277.4 | 277.3 | 276.9 | 276.9 | 289.5 | 292.4 | 292.1 | 291.5 | 291.0 |
| 162.5° | 282.4 | 282.5 | 282.1 | 281.9 | 281.7 | 281.8 | 294.4 | 297.8 | 297.0 | 296.4 | 295.9 |
| 165° | 288.3 | 287.9 | 287.6 | 287.5 | 287.1 | 287.1 | 299.1 | 301.9 | 301.6 | 300.9 | 300.5 |
| 167.5° | 294.2 | 294.2 | 293.7 | 293.7 | 293.5 | 293.7 | 304.7 | 307.4 | 307.2 | 306.5 | 306.1 |
| 170° | 300.3 | 300.4 | 300.1 | 300.0 | 300.1 | 300.3 | 309.5 | 311.8 | 311.5 | 310.8 | 310.4 |
| 172.5° | 305.6 | 305.8 | 305.9 | 305.8 | 305.9 | 306.0 | 313.9 | 316.0 | 315.7 | 315.3 | 314.7 |
| 175° | 309.2 | 309.0 | 309.2 | 309.5 | 309.6 | 309.6 | 315.8 | 317.4 | 317.2 | 316.9 | 316.6 |
| 177.5° | 313.3 | 313.3 | 313.5 | 313.6 | 313.8 | 314.0 | 317.7 | 318.6 | 318.5 | 318.5 | 318.3 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43255.9 | 43271.1 | 43273.4 | 43291.1 | 43289.7 | 43310.8 | 43307.5 | 43324.7 | 43314.6 | 43328.9 | 43316.9 |
| 5° | 44271.9 | 44364.0 | 44412.2 | 44502.1 | 44530.6 | 44611.0 | 44633.7 | 44707.2 | 44710.2 | 44768.5 | 44755.1 |
| 7.5° | 45708.2 | 45844.0 | 45924.7 | 46035.9 | 46092.1 | 46184.8 | 46225.6 | 46294.0 | 46316.1 | 46370.5 | 46374.7 |
| 10° | 46566.0 | 46631.9 | 46678.0 | 46709.0 | 46737.3 | 46750.6 | 46766.1 | 46762.0 | 46766.1 | 46760.0 | 46773.4 |
| 12.5° | 46228.6 | 46132.3 | 46068.7 | 45948.0 | 45878.1 | 45744.9 | 45679.4 | 45551.3 | 45504.7 | 45394.7 | 45378.9 |
| 15° | 44520.0 | 44184.4 | 43947.3 | 43602.4 | 43385.7 | 43046.4 | 42847.9 | 42541.8 | 42402.0 | 42158.7 | 42094.9 |
| 17.5° | 41405.8 | 40782.8 | 40300.7 | 39682.2 | 39253.0 | 38675.1 | 38311.6 | 37833.2 | 37571.1 | 37185.3 | 37051.7 |
| 20° | 37039.7 | 36117.9 | 35394.8 | 34533.3 | 33916.8 | 33148.7 | 32656.9 | 32036.7 | 31676.6 | 31202.8 | 31010.7 |
| 22.5° | 31913.9 | 30766.3 | 29863.1 | 28845.3 | 28101.5 | 27245.5 | 26656.3 | 25985.3 | 25593.5 | 25078.7 | 24850.8 |
| 25° | 26630.6 | 25365.1 | 24360.9 | 23288.7 | 22502.8 | 21644.6 | 21055.4 | 20396.1 | 19990.8 | 19502.0 | 19275.6 |
| 27.5° | 21577.7 | 20296.6 | 19326.2 | 18329.4 | 17608.4 | 16834.1 | 16302.4 | 15726.8 | 15367.0 | 14949.8 | 14736.8 |
| 30° | 17118.5 | 15988.7 | 15162.9 | 14335.6 | 13735.8 | 13107.0 | 12665.2 | 12188.2 | 11872.5 | 11515.3 | 11312.3 |
| 32.5° | 13485.7 | 12613.4 | 11966.8 | 11310.3 | 10819.5 | 10293.9 | 9912.1 | 9491.2 | 9206.3 | 8887.3 | 8703.5 |
| 35° | 10680.5 | 10002.7 | 9486.9 | 8946.6 | 8524.8 | 8077.3 | 7740.9 | 7377.6 | 7122.0 | 6847.3 | 6688.6 |
| 37.5° | 8438.7 | 7899.7 | 7475.3 | 7026.5 | 6680.1 | 6309.3 | 6184.4 | 5767.5 | 5502.6 | 5283.5 | 5131.6 |
| 40° | 6622.7 | 6194.1 | 5843.0 | 5499.7 | 5217.2 | 4936.0 | 4710.3 | 4487.6 | 4316.6 | 4159.8 | 4051.4 |
| 42.5° | 5171.8 | 4861.3 | 4604.8 | 4353.4 | 4147.3 | 3942.4 | 3778.9 | 3625.5 | 3510.3 | 3407.8 | 3337.9 |
| 45° | 4111.4 | 3897.8 | 3719.6 | 3542.5 | 3397.1 | 3260.3 | 3150.3 | 3052.4 | 2978.0 | 2916.4 | 2872.7 |
| 47.5° | 3377.6 | 3231.3 | 3105.6 | 2986.1 | 2887.4 | 2797.8 | 2724.1 | 2700.1 | 2620.2 | 2566.2 | 2545.7 |
| 50° | 2870.5 | 2782.2 | 2686.7 | 2598.5 | 2532.6 | 2467.0 | 2419.2 | 2372.3 | 2342.4 | 2317.7 | 2310.1 |
| 52.5° | 2492.0 | 2424.5 | 2371.4 | 2315.5 | 2272.0 | 2225.3 | 2192.3 | 2161.1 | 2144.7 | 2131.7 | 2130.1 |
| 55° | 2210.6 | 2163.4 | 2128.3 | 2090.8 | 2064.7 | 2037.3 | 2020.3 | 2003.8 | 1996.6 | 1990.0 | 1990.5 |
| 57.5° | 1997.7 | 1966.1 | 1943.3 | 1919.0 | 1904.9 | 1891.8 | 1887.4 | 1883.3 | 1885.6 | 1886.5 | 1890.2 |
| 60° | 1842.5 | 1822.0 | 1807.7 | 1793.7 | 1787.8 | 1783.6 | 1786.8 | 1790.5 | 1798.1 | 1804.1 | 1809.5 |
| 62.5° | 1723.6 | 1712.0 | 1704.9 | 1697.5 | 1696.8 | 1697.1 | 1703.5 | 1709.8 | 1719.2 | 1726.2 | 1731.5 |
| 65° | 1601.3 | 1594.6 | 1592.4 | 1587.5 | 1589.9 | 1591.3 | 1599.1 | 1603.8 | 1613.2 | 1618.9 | 1625.6 |
| 67.5° | 1477.6 | 1476.0 | 1477.5 | 1477.5 | 1481.8 | 1485.5 | 1492.9 | 1498.3 | 1506.3 | 1511.4 | 1516.8 |
| 70° | 1386.3 | 1386.9 | 1390.3 | 1390.9 | 1395.6 | 1398.1 | 1404.5 | 1408.0 | 1415.3 | 1419.5 | 1426.2 |
| 72.5° | 1297.5 | 1296.1 | 1296.9 | 1294.8 | 1296.4 | 1295.7 | 1299.3 | 1301.0 | 1307.1 | 1310.5 | 1318.5 |
| 75° | 1202.9 | 1198.9 | 1198.0 | 1193.7 | 1193.8 | 1190.8 | 1192.2 | 1192.0 | 1196.0 | 1197.7 | 1203.4 |
| 77.5° | 1088.7 | 1082.0 | 1078.8 | 1071.7 | 1071.5 | 1068.8 | 1071.7 | 1073.3 | 1080.4 | 1083.8 | 1090.3 |
| 80° | 952.1 | 941.6 | 936.8 | 928.5 | 929.9 | 929.4 | 936.5 | 941.7 | 950.4 | 952.0 | 960.2 |
| 82.5° | 791.3 | 780.6 | 775.5 | 767.4 | 769.3 | 769.4 | 775.9 | 777.0 | 784.4 | 787.7 | 797.3 |
| 85° | 566.6 | 570.7 | 559.5 | 560.2 | 557.8 | 562.2 | 566.6 | 572.0 | 578.3 | 588.7 | 596.7 |
| 87.5° | 333.7 | 332.2 | 336.2 | 336.7 | 342.5 | 345.5 | 354.8 | 360.1 | 370.5 | 378.6 | 393.3 |
| 90° | 146.5 | 141.3 | 144.7 | 143.1 | 148.9 | 147.5 | 152.7 | 150.3 | 156.5 | 157.3 | 165.4 |
| 92.5° | 41.6 | 39.8 | 36.8 | 34.8 | 32.0 | 30.3 | 28.5 | 27.9 | 26.3 | 25.8 | 24.1 |
| 95° | 55.4 | 52.0 | 48.4 | 44.9 | 41.5 | 37.9 | 36.6 | 35.3 | 34.1 | 32.8 | 31.5 |
| 97.5° | 64.2 | 60.5 | 56.6 | 52.8 | 49.0 | 45.3 | 44.4 | 43.6 | 42.7 | 41.8 | 41.0 |
| 100° | 91.1 | 83.8 | 76.5 | 69.0 | 61.8 | 54.5 | 53.8 | 53.1 | 52.5 | 51.8 | 51.1 |
| 102.5° | 180.1 | 163.1 | 146.5 | 129.7 | 113.0 | 96.1 | 93.3 | 90.4 | 87.4 | 84.5 | 81.6 |
| 105° | 326.7 | 299.8 | 273.1 | 246.1 | 219.5 | 192.6 | 184.7 | 176.4 | 168.4 | 160.4 | 152.5 |
| 107.5° | 465.6 | 439.4 | 413.2 | 387.0 | 360.8 | 334.6 | 321.9 | 309.3 | 296.4 | 283.9 | 271.3 |
| 110° | 536.0 | 520.0 | 504.4 | 488.2 | 472.5 | 456.8 | 444.4 | 432.5 | 420.2 | 408.1 | 396.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 545.0 | 536.9 | 528.5 | 520.4 | 512.5 | 504.3 | 498.3 | 492.3 | 486.4 | 480.4 | 474.2 |
| 115° | 509.1 | 506.2 | 503.2 | 500.4 | 497.6 | 494.6 | 494.0 | 493.5 | 492.7 | 492.1 | 491.7 |
| 117.5° | 448.9 | 448.8 | 448.5 | 448.5 | 448.6 | 448.6 | 451.4 | 454.0 | 457.0 | 460.0 | 463.0 |
| 120° | 389.4 | 390.8 | 392.1 | 393.7 | 395.2 | 396.8 | 400.3 | 404.2 | 407.9 | 412.2 | 416.2 |
| 122.5° | 340.7 | 341.4 | 341.8 | 342.8 | 343.4 | 344.1 | 347.6 | 351.3 | 355.0 | 358.9 | 362.8 |
| 125° | 304.3 | 303.4 | 302.6 | 301.7 | 300.7 | 300.3 | 302.7 | 305.5 | 308.4 | 311.5 | 314.4 |
| 127.5° | 281.3 | 279.1 | 277.2 | 275.3 | 273.3 | 271.6 | 272.6 | 274.0 | 275.1 | 276.7 | 278.2 |
| 130° | 269.0 | 266.4 | 263.4 | 261.0 | 258.0 | 255.5 | 255.3 | 255.3 | 255.3 | 255.5 | 255.6 |
| 132.5° | 263.9 | 261.0 | 258.0 | 254.9 | 251.9 | 248.9 | 247.9 | 246.9 | 245.8 | 245.2 | 244.6 |
| 135° | 262.2 | 259.6 | 256.5 | 253.6 | 250.5 | 247.9 | 246.3 | 244.8 | 243.4 | 242.2 | 241.1 |
| 137.5° | 263.0 | 260.6 | 258.1 | 255.7 | 253.0 | 250.7 | 248.7 | 247.3 | 245.5 | 244.4 | 242.8 |
| 140° | 265.1 | 263.1 | 260.8 | 258.7 | 256.4 | 254.5 | 252.8 | 251.5 | 250.0 | 248.7 | 247.4 |
| 142.5° | 267.8 | 266.2 | 264.3 | 262.7 | 260.9 | 259.3 | 257.7 | 256.4 | 254.9 | 253.8 | 252.5 |
| 145° | 272.1 | 271.0 | 269.6 | 268.2 | 266.9 | 265.6 | 264.1 | 263.1 | 261.9 | 260.8 | 259.9 |
| 147.5° | 275.3 | 274.3 | 273.3 | 272.2 | 271.0 | 269.9 | 268.8 | 268.2 | 266.9 | 266.3 | 265.3 |
| 150° | 278.2 | 277.4 | 276.3 | 275.6 | 274.4 | 273.5 | 272.6 | 271.9 | 271.0 | 270.6 | 269.7 |
| 152.5° | 280.1 | 279.4 | 278.5 | 277.8 | 276.7 | 275.9 | 275.1 | 274.6 | 273.9 | 273.3 | 272.3 |
| 155° | 282.8 | 282.2 | 281.5 | 280.8 | 279.8 | 279.3 | 278.6 | 277.7 | 277.1 | 276.4 | 275.7 |
| 157.5° | 286.6 | 285.9 | 285.1 | 284.6 | 283.7 | 283.0 | 282.4 | 281.7 | 281.0 | 280.4 | 279.7 |
| 160° | 290.4 | 289.8 | 289.1 | 288.4 | 287.8 | 287.1 | 286.3 | 285.6 | 284.8 | 284.2 | 283.4 |
| 162.5° | 295.1 | 294.5 | 293.9 | 293.2 | 292.3 | 291.7 | 290.9 | 290.3 | 289.6 | 289.0 | 288.2 |
| 165° | 299.8 | 299.2 | 298.5 | 297.8 | 297.4 | 296.7 | 295.9 | 295.3 | 294.4 | 293.8 | 292.9 |
| 167.5° | 305.5 | 305.0 | 304.4 | 303.9 | 303.2 | 302.5 | 301.9 | 301.2 | 300.5 | 299.7 | 298.9 |
| 170° | 310.1 | 309.4 | 308.9 | 308.2 | 307.6 | 306.9 | 306.3 | 305.6 | 304.8 | 304.5 | 303.6 |
| 172.5° | 314.3 | 314.2 | 313.6 | 313.2 | 312.5 | 312.0 | 311.6 | 311.1 | 310.5 | 309.9 | 309.6 |
| 175° | 316.4 | 316.3 | 316.1 | 315.6 | 315.5 | 315.1 | 314.8 | 314.6 | 314.3 | 314.2 | 313.7 |
| 177.5° | 318.3 | 318.2 | 318.2 | 317.9 | 317.7 | 317.7 | 317.4 | 317.3 | 317.1 | 316.9 | 316.8 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43329.3 | 43318.4 | 43323.6 | 43303.3 | 43308.1 | 43283.6 | 43281.4 | 43253.7 | 43251.0 | 43224.9 | 43215.1 |
| 5° | 44796.4 | 44772.3 | 44799.5 | 44757.1 | 44765.4 | 44710.2 | 44705.6 | 44634.2 | 44609.6 | 44520.4 | 44481.8 |
| 7.5° | 46408.7 | 46399.7 | 46416.3 | 46380.8 | 46379.6 | 46330.4 | 46310.1 | 46246.0 | 46206.4 | 46112.6 | 46052.8 |
| 10° | 46762.0 | 46770.3 | 46756.7 | 46760.0 | 46740.8 | 46735.5 | 46715.9 | 46703.4 | 46671.3 | 46646.9 | 46611.2 |
| 12.5° | 45295.2 | 45304.0 | 45248.1 | 45283.6 | 45255.5 | 45321.0 | 45315.7 | 45392.8 | 45404.7 | 45502.2 | 45539.2 |
| 15° | 41905.3 | 41894.8 | 41787.5 | 41855.1 | 41818.8 | 41962.4 | 41994.6 | 42187.8 | 42291.2 | 42539.3 | 42691.7 |
| 17.5° | 36784.4 | 36756.8 | 36605.6 | 36687.9 | 36646.0 | 36857.9 | 36928.8 | 37238.0 | 37430.7 | 37830.5 | 38115.4 |
| 20° | 30680.0 | 30627.1 | 30450.2 | 30546.6 | 30503.4 | 30744.0 | 30845.4 | 31219.0 | 31467.5 | 31997.1 | 32373.8 |
| 22.5° | 24499.8 | 24416.1 | 24242.9 | 24333.0 | 24292.2 | 24541.4 | 24673.3 | 25048.1 | 25332.9 | 25876.5 | 26316.3 |
| 25° | 18950.0 | 18875.5 | 18708.0 | 18771.0 | 18755.8 | 18966.6 | 19084.1 | 19438.6 | 19718.4 | 20236.2 | 20655.9 |
| 27.5° | 14453.6 | 14376.0 | 14224.7 | 14269.4 | 14254.0 | 14433.6 | 14544.3 | 14840.5 | 15081.2 | 15517.1 | 15885.7 |
| 30° | 11062.2 | 10968.5 | 10840.3 | 10864.9 | 10854.3 | 10999.9 | 11103.3 | 11352.7 | 11559.0 | 11927.4 | 12244.9 |
| 32.5° | 8479.1 | 8385.1 | 8267.1 | 8278.7 | 8263.1 | 8377.4 | 8462.5 | 8679.4 | 8859.2 | 9172.4 | 9448.8 |
| 35° | 6487.7 | 6597.5 | 6345.8 | 6505.3 | 6339.2 | 6583.0 | 6495.3 | 6630.9 | 6785.5 | 7049.5 | 7280.0 |
| 37.5° | 4987.5 | 4910.9 | 4846.0 | 4839.2 | 4838.9 | 4895.3 | 4962.0 | 5092.6 | 5228.9 | 5425.5 | 5628.6 |
| 40° | 3952.3 | 3898.6 | 3856.6 | 3853.7 | 3856.6 | 3896.8 | 3946.1 | 4036.4 | 4136.1 | 4277.4 | 4426.6 |
| 42.5° | 3278.1 | 3242.4 | 3217.2 | 3215.4 | 3223.4 | 3251.8 | 3286.1 | 3339.7 | 3404.6 | 3496.1 | 3598.5 |
| 45° | 2837.2 | 2817.4 | 2803.3 | 2802.5 | 2806.2 | 2821.0 | 2840.7 | 2874.1 | 2915.3 | 2972.4 | 3037.2 |
| 47.5° | 2527.8 | 2523.0 | 2514.2 | 2514.5 | 2510.5 | 2516.7 | 2518.9 | 2537.6 | 2559.5 | 2602.6 | 2687.1 |
| 50° | 2302.6 | 2302.6 | 2296.5 | 2296.2 | 2290.5 | 2290.1 | 2285.3 | 2292.7 | 2302.9 | 2329.6 | 2356.7 |
| 52.5° | 2124.5 | 2123.9 | 2117.4 | 2116.0 | 2110.0 | 2109.6 | 2105.5 | 2108.4 | 2109.8 | 2123.2 | 2139.4 |
| 55° | 1985.3 | 1981.2 | 1972.6 | 1969.9 | 1967.4 | 1971.0 | 1969.4 | 1969.5 | 1967.7 | 1973.4 | 1978.2 |
| 57.5° | 1885.6 | 1880.2 | 1872.0 | 1869.5 | 1868.9 | 1873.1 | 1873.3 | 1871.8 | 1864.3 | 1859.2 | 1851.9 |
| 60° | 1806.6 | 1801.1 | 1792.3 | 1790.1 | 1791.4 | 1797.1 | 1796.8 | 1791.9 | 1780.7 | 1771.0 | 1759.7 |
| 62.5° | 1728.9 | 1726.7 | 1722.2 | 1721.6 | 1720.5 | 1721.4 | 1717.4 | 1712.3 | 1701.3 | 1690.8 | 1678.5 |
| 65° | 1624.8 | 1625.9 | 1622.6 | 1623.0 | 1619.0 | 1618.4 | 1612.3 | 1607.4 | 1596.2 | 1586.7 | 1574.1 |
| 67.5° | 1516.6 | 1517.5 | 1514.8 | 1514.8 | 1512.6 | 1513.0 | 1509.3 | 1504.7 | 1495.2 | 1487.6 | 1477.8 |
| 70° | 1427.6 | 1429.8 | 1428.2 | 1428.7 | 1426.2 | 1425.1 | 1419.4 | 1414.9 | 1405.2 | 1398.8 | 1389.9 |
| 72.5° | 1320.9 | 1325.6 | 1325.5 | 1326.7 | 1322.8 | 1320.9 | 1314.0 | 1308.4 | 1299.6 | 1294.4 | 1287.4 |
| 75° | 1205.6 | 1211.9 | 1213.7 | 1216.4 | 1211.0 | 1208.1 | 1200.5 | 1196.0 | 1188.9 | 1185.9 | 1181.2 |
| 77.5° | 1093.2 | 1100.1 | 1106.7 | 1112.8 | 1103.9 | 1096.1 | 1086.7 | 1079.5 | 1069.2 | 1065.2 | 1058.1 |
| 80° | 967.0 | 979.2 | 993.7 | 1005.9 | 990.1 | 974.0 | 958.6 | 947.0 | 933.4 | 927.8 | 918.9 |
| 82.5° | 802.2 | 814.7 | 823.0 | 830.8 | 819.8 | 808.2 | 793.1 | 783.0 | 768.3 | 762.9 | 752.5 |
| 85° | 609.5 | 625.0 | 630.0 | 634.1 | 627.1 | 620.8 | 606.8 | 587.7 | 578.5 | 563.9 | 556.4 |
| 87.5° | 400.9 | 410.2 | 411.9 | 413.4 | 409.1 | 406.0 | 396.9 | 387.9 | 372.1 | 360.5 | 346.5 |
| 90° | 164.5 | 170.2 | 166.1 | 168.0 | 163.0 | 164.2 | 155.5 | 153.0 | 140.6 | 136.2 | 125.1 |
| 92.5° | 23.4 | 21.8 | 20.8 | 19.6 | 21.4 | 21.9 | 23.7 | 24.1 | 25.7 | 26.3 | 27.9 |
| 95° | 30.2 | 29.0 | 27.7 | 26.4 | 27.4 | 28.4 | 29.4 | 30.5 | 31.5 | 32.5 | 33.5 |
| 97.5° | 40.2 | 39.2 | 38.4 | 37.5 | 38.1 | 38.8 | 39.3 | 40.0 | 40.5 | 41.2 | 41.8 |
| 100° | 50.4 | 49.7 | 49.0 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| 102.5° | 78.7 | 75.7 | 72.9 | 70.0 | 71.9 | 73.9 | 75.8 | 77.8 | 79.8 | 81.8 | 83.9 |
| 105° | 144.5 | 136.6 | 128.6 | 120.6 | 128.4 | 136.0 | 143.8 | 151.5 | 159.1 | 167.1 | 174.9 |
| 107.5° | 258.5 | 246.0 | 233.4 | 220.8 | 235.1 | 249.0 | 263.1 | 277.1 | 291.1 | 305.1 | 319.5 |
| 110° | 384.1 | 372.1 | 360.2 | 348.2 | 363.1 | 378.0 | 392.9 | 407.8 | 422.8 | 437.7 | 452.9 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 112.5° | 468.3 | 462.6 | 456.7 | 450.9 | 460.5 | 470.1 | 479.7 | 489.7 | 499.2 | 509.0 | 518.6 |
| 115° | 491.2 | 490.8 | 490.5 | 490.1 | 494.7 | 499.3 | 503.7 | 508.5 | 513.2 | 517.7 | 522.6 |
| 117.5° | 466.0 | 469.1 | 472.3 | 475.6 | 477.1 | 478.5 | 480.2 | 481.6 | 483.3 | 484.9 | 486.7 |
| 120° | 420.4 | 424.2 | 428.6 | 432.9 | 432.4 | 431.7 | 431.4 | 430.8 | 430.6 | 430.2 | 430.3 |
| 122.5° | 366.9 | 370.9 | 375.3 | 379.5 | 378.2 | 376.9 | 375.8 | 374.7 | 373.9 | 372.9 | 372.2 |
| 125° | 318.0 | 321.1 | 324.7 | 328.2 | 326.9 | 325.6 | 324.5 | 323.7 | 322.7 | 321.7 | 321.3 |
| 127.5° | 280.2 | 282.1 | 284.0 | 286.1 | 285.5 | 284.9 | 284.8 | 284.3 | 284.2 | 284.2 | 284.5 |
| 130° | 256.1 | 256.8 | 257.7 | 258.3 | 258.5 | 258.7 | 259.3 | 259.7 | 260.6 | 261.2 | 262.4 |
| 132.5° | 244.5 | 244.0 | 244.0 | 243.9 | 244.6 | 245.3 | 246.4 | 247.4 | 248.9 | 250.1 | 252.1 |
| 135° | 240.4 | 239.6 | 239.1 | 238.7 | 239.7 | 240.6 | 241.9 | 243.3 | 245.0 | 246.9 | 248.8 |
| 137.5° | 241.9 | 240.9 | 240.4 | 239.4 | 240.5 | 241.5 | 242.8 | 244.2 | 245.9 | 247.7 | 249.9 |
| 140° | 246.5 | 245.6 | 245.1 | 244.3 | 245.3 | 246.1 | 247.5 | 248.8 | 250.5 | 252.4 | 254.3 |
| 142.5° | 251.7 | 250.5 | 250.1 | 249.5 | 250.1 | 251.1 | 252.5 | 253.6 | 255.3 | 256.7 | 258.5 |
| 145° | 259.0 | 258.1 | 257.7 | 257.1 | 257.6 | 258.3 | 259.2 | 260.1 | 261.3 | 262.4 | 263.9 |
| 147.5° | 264.7 | 264.0 | 263.7 | 263.2 | 263.7 | 264.1 | 264.8 | 265.2 | 266.4 | 267.1 | 268.3 |
| 150° | 269.5 | 268.8 | 268.4 | 268.1 | 268.4 | 268.5 | 269.1 | 269.2 | 269.8 | 270.4 | 271.4 |
| 152.5° | 272.1 | 271.4 | 271.4 | 271.0 | 271.0 | 271.1 | 271.5 | 271.8 | 272.1 | 272.5 | 273.4 |
| 155° | 275.3 | 274.8 | 274.4 | 273.9 | 273.7 | 273.6 | 273.8 | 273.7 | 273.9 | 274.0 | 274.3 |
| 157.5° | 279.3 | 278.7 | 278.4 | 277.7 | 277.5 | 277.2 | 277.1 | 276.9 | 276.9 | 276.4 | 276.5 |
| 160° | 283.0 | 282.1 | 281.5 | 281.0 | 280.8 | 280.3 | 280.3 | 279.9 | 279.9 | 279.8 | 279.7 |
| 162.5° | 287.7 | 287.0 | 286.6 | 285.9 | 285.6 | 285.0 | 284.6 | 284.1 | 283.7 | 283.4 | 283.2 |
| 165° | 292.2 | 291.5 | 290.9 | 290.0 | 289.7 | 289.4 | 289.0 | 288.6 | 288.4 | 288.0 | 288.0 |
| 167.5° | 298.5 | 297.6 | 297.0 | 296.3 | 295.9 | 295.1 | 294.9 | 294.3 | 294.0 | 293.6 | 293.5 |
| 170° | 303.3 | 302.5 | 302.1 | 301.6 | 301.2 | 300.7 | 300.5 | 300.1 | 299.9 | 299.8 | 299.8 |
| 172.5° | 309.2 | 308.6 | 308.2 | 307.8 | 307.4 | 307.2 | 307.0 | 306.8 | 306.5 | 306.5 | 306.3 |
| 175° | 313.5 | 313.2 | 313.0 | 312.8 | 312.5 | 312.4 | 312.1 | 312.0 | 311.9 | 311.7 | 311.6 |
| 177.5° | 316.3 | 316.1 | 316.0 | 315.9 | 315.7 | 315.7 | 315.7 | 315.7 | 315.7 | 315.5 | 315.5 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43187.2 | 43175.8 | 43145.9 | 43131.2 | 43103.5 | 43089.5 | 43068.0 | 43054.0 | 43036.6 | 43023.7 | 43017.0 |
| 5° | 44383.7 | 44328.5 | 44217.9 | 44149.7 | 44030.2 | 43951.5 | 43832.8 | 43745.8 | 43623.2 | 43532.8 | 43417.0 |
| 7.5° | 45940.6 | 45855.8 | 45714.0 | 45606.5 | 45439.3 | 45311.5 | 45123.9 | 44973.8 | 44766.5 | 44594.4 | 44382.6 |
| 10° | 46574.4 | 46524.9 | 46461.3 | 46392.1 | 46299.5 | 46208.6 | 46080.5 | 45950.0 | 45775.9 | 45602.8 | 45376.6 |
| 12.5° | 45637.6 | 45684.1 | 45775.9 | 45818.8 | 45889.0 | 45912.9 | 45945.0 | 45929.9 | 45901.5 | 45830.8 | 45728.2 |
| 15° | 42984.4 | 43178.8 | 43486.0 | 43698.4 | 43996.1 | 44205.2 | 44481.8 | 44659.8 | 44864.9 | 44987.4 | 45103.9 |
| 17.5° | 38620.2 | 38996.2 | 39538.1 | 39970.5 | 40551.0 | 41023.0 | 41601.2 | 42055.5 | 42580.1 | 42982.6 | 43411.0 |
| 20° | 33030.3 | 33556.8 | 34304.9 | 34940.3 | 35781.4 | 36494.7 | 37408.5 | 38173.9 | 39066.9 | 39811.2 | 40614.5 |
| 22.5° | 27014.0 | 27633.3 | 28490.6 | 29256.9 | 30261.3 | 31158.5 | 32303.4 | 33315.5 | 34522.6 | 35604.0 | 36800.3 |
| 25° | 21338.3 | 21945.3 | 22818.5 | 23612.1 | 24696.4 | 25684.7 | 26935.5 | 28096.6 | 29497.4 | 30803.6 | 32303.4 |
| 27.5° | 16471.1 | 17010.3 | 17777.9 | 18492.2 | 19485.3 | 20455.5 | 21724.9 | 22963.0 | 24457.7 | 25861.6 | 27477.8 |
| 30° | 12720.4 | 13157.7 | 13772.8 | 14347.4 | 15144.6 | 15938.1 | 17068.8 | 18213.9 | 19701.2 | 21156.0 | 22812.9 |
| 32.5° | 9857.9 | 10230.8 | 10744.3 | 11210.8 | 11825.0 | 12423.3 | 13255.9 | 14171.0 | 15475.7 | 16869.1 | 18471.3 |
| 35° | 7631.1 | 7950.1 | 8387.1 | 8789.0 | 9294.2 | 9769.1 | 10390.5 | 11043.5 | 12039.2 | 13211.3 | 14645.1 |
| 37.5° | 6083.9 | 6214.0 | 6525.9 | 6855.1 | 7274.8 | 7665.0 | 8151.1 | 8633.9 | 9346.3 | 10271.1 | 11442.4 |
| 40° | 4626.7 | 4833.3 | 5087.2 | 5346.4 | 5664.1 | 5977.3 | 6510.4 | 6767.1 | 7236.2 | 7900.1 | 8809.2 |
| 42.5° | 3733.2 | 3878.4 | 4057.1 | 4237.4 | 4458.8 | 4676.9 | 4946.6 | 5221.2 | 5571.9 | 6021.5 | 6668.2 |
| 45° | 3124.0 | 3218.7 | 3333.9 | 3454.1 | 3599.4 | 3748.2 | 3928.8 | 4117.4 | 4355.0 | 4631.4 | 5024.1 |
| 47.5° | 2717.1 | 2769.4 | 2844.6 | 2926.6 | 3026.3 | 3129.3 | 3246.7 | 3366.9 | 3514.5 | 3678.5 | 3902.1 |
| 50° | 2399.4 | 2443.1 | 2501.5 | 2556.2 | 2625.1 | 2730.7 | 2777.2 | 2843.6 | 2932.4 | 3028.9 | 3153.9 |
| 52.5° | 2169.5 | 2198.6 | 2235.2 | 2266.8 | 2310.3 | 2349.8 | 2401.6 | 2447.3 | 2508.8 | 2566.7 | 2647.5 |
| 55° | 1990.5 | 2001.1 | 2021.9 | 2042.2 | 2072.3 | 2099.3 | 2134.8 | 2164.7 | 2203.9 | 2238.6 | 2289.4 |
| 57.5° | 1852.3 | 1853.2 | 1862.8 | 1873.4 | 1892.7 | 1909.7 | 1934.2 | 1953.8 | 1981.1 | 2003.1 | 2033.7 |
| 60° | 1752.9 | 1747.7 | 1749.5 | 1753.3 | 1764.2 | 1775.2 | 1790.8 | 1803.7 | 1820.7 | 1833.2 | 1850.3 |
| 62.5° | 1670.3 | 1661.9 | 1660.0 | 1659.1 | 1664.5 | 1668.5 | 1677.0 | 1683.2 | 1693.0 | 1698.4 | 1707.5 |
| 65° | 1565.8 | 1556.0 | 1552.2 | 1547.6 | 1549.3 | 1548.0 | 1551.2 | 1551.4 | 1556.3 | 1557.4 | 1562.7 |
| 67.5° | 1471.1 | 1462.9 | 1457.9 | 1451.9 | 1449.2 | 1444.8 | 1442.9 | 1438.7 | 1438.1 | 1434.6 | 1433.8 |
| 70° | 1384.7 | 1376.7 | 1372.5 | 1366.9 | 1364.0 | 1358.2 | 1354.8 | 1347.7 | 1343.6 | 1337.0 | 1333.4 |
| 72.5° | 1284.7 | 1280.3 | 1279.0 | 1275.1 | 1274.1 | 1271.0 | 1269.6 | 1264.5 | 1261.6 | 1256.0 | 1252.9 |
| 75° | 1180.2 | 1176.6 | 1176.2 | 1172.4 | 1172.1 | 1168.3 | 1167.3 | 1162.0 | 1159.2 | 1153.7 | 1151.3 |
| 77.5° | 1055.8 | 1050.3 | 1048.8 | 1044.3 | 1045.4 | 1043.4 | 1045.1 | 1041.1 | 1039.3 | 1033.8 | 1032.0 |
| 80° | 915.6 | 908.6 | 905.7 | 899.8 | 901.5 | 898.7 | 901.5 | 901.1 | 903.1 | 898.7 | 897.9 |
| 82.5° | 749.6 | 742.0 | 740.5 | 736.4 | 739.1 | 739.4 | 745.3 | 742.1 | 743.4 | 739.2 | 740.9 |
| 85° | 545.5 | 539.7 | 531.7 | 530.6 | 525.5 | 530.8 | 523.9 | 528.5 | 521.0 | 526.3 | 519.3 |
| 87.5° | 338.2 | 326.4 | 320.1 | 311.6 | 308.4 | 300.3 | 296.9 | 291.0 | 292.7 | 290.0 | 291.6 |
| 90° | 123.1 | 113.3 | 111.4 | 103.5 | 103.1 | 96.3 | 97.5 | 92.8 | 94.8 | 89.9 | 92.4 |
| 92.5° | 28.5 | 29.6 | 31.6 | 34.1 | 35.8 | 37.8 | 39.8 | 42.3 | 44.0 | 46.4 | 48.1 |
| 95° | 34.6 | 35.6 | 38.3 | 41.1 | 43.8 | 46.5 | 49.4 | 52.1 | 54.8 | 57.6 | 60.3 |
| 97.5° | 42.5 | 43.0 | 45.7 | 48.5 | 51.2 | 54.0 | 56.7 | 59.9 | 62.6 | 65.4 | 68.1 |
| 100° | 48.4 | 48.5 | 56.4 | 64.1 | 71.9 | 79.8 | 87.7 | 95.4 | 103.5 | 111.2 | 119.1 |
| 102.5° | 85.9 | 87.9 | 107.5 | 127.3 | 147.0 | 166.7 | 186.5 | 206.4 | 226.1 | 246.0 | 265.9 |
| 105° | 182.5 | 190.4 | 220.4 | 250.7 | 280.7 | 310.9 | 341.1 | 371.4 | 401.6 | 431.9 | 462.1 |
| 107.5° | 333.4 | 347.7 | 375.0 | 402.3 | 429.5 | 456.9 | 484.3 | 511.6 | 539.0 | 566.3 | 594.0 |
| 110° | 467.8 | 482.9 | 501.2 | 519.6 | 538.1 | 556.5 | 574.8 | 593.3 | 612.0 | 630.4 | 649.2 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 528.2 | 538.2 | 548.8 | 559.9 | 570.7 | 581.7 | 592.6 | 603.6 | 614.8 | 625.9 | 637.0 |
| 115° | 527.4 | 532.3 | 536.4 | 541.1 | 545.5 | 550.0 | 554.7 | 559.5 | 564.3 | 569.0 | 573.7 |
| 117.5° | 488.3 | 490.4 | 491.3 | 492.4 | 493.4 | 494.9 | 496.0 | 497.5 | 499.0 | 500.4 | 501.6 |
| 120° | 430.0 | 429.9 | 429.7 | 429.7 | 429.4 | 429.5 | 429.6 | 429.8 | 430.0 | 430.2 | 430.3 |
| 122.5° | 371.4 | 370.8 | 370.6 | 370.8 | 370.8 | 371.1 | 371.4 | 371.9 | 372.1 | 372.6 | 372.8 |
| 125° | 320.7 | 320.3 | 321.6 | 323.0 | 324.5 | 326.2 | 327.6 | 329.5 | 331.2 | 333.0 | 334.7 |
| 127.5° | 284.5 | 285.1 | 287.5 | 290.0 | 292.5 | 295.3 | 298.0 | 300.9 | 303.4 | 306.5 | 309.0 |
| 130° | 263.5 | 264.8 | 267.6 | 270.9 | 273.9 | 277.3 | 280.5 | 284.1 | 287.0 | 290.4 | 293.6 |
| 132.5° | 253.6 | 255.7 | 258.4 | 261.7 | 264.7 | 267.9 | 271.2 | 274.5 | 277.6 | 281.1 | 284.0 |
| 135° | 251.0 | 253.3 | 256.1 | 259.1 | 262.0 | 265.2 | 268.1 | 271.4 | 274.1 | 277.3 | 280.1 |
| 137.5° | 251.8 | 254.2 | 256.8 | 259.3 | 261.7 | 264.6 | 267.0 | 269.7 | 272.1 | 274.8 | 277.3 |
| 140° | 256.3 | 258.6 | 260.3 | 262.4 | 264.2 | 266.1 | 267.8 | 269.9 | 271.6 | 273.6 | 275.3 |
| 142.5° | 260.3 | 262.5 | 263.6 | 265.1 | 266.5 | 268.3 | 269.7 | 271.3 | 272.4 | 273.8 | 275.0 |
| 145° | 265.3 | 267.1 | 267.8 | 268.7 | 269.5 | 270.5 | 271.1 | 272.0 | 272.6 | 273.3 | 273.9 |
| 147.5° | 269.4 | 270.7 | 270.9 | 271.7 | 272.2 | 272.6 | 273.2 | 273.6 | 273.9 | 274.5 | 274.8 |
| 150° | 271.9 | 273.0 | 273.0 | 273.4 | 273.4 | 273.7 | 273.7 | 274.0 | 273.9 | 274.3 | 274.3 |
| 152.5° | 273.8 | 274.6 | 274.2 | 274.6 | 274.3 | 274.3 | 274.1 | 274.3 | 274.0 | 274.1 | 274.2 |
| 155° | 274.4 | 274.6 | 274.5 | 274.5 | 274.3 | 274.3 | 274.2 | 274.5 | 274.5 | 274.4 | 274.6 |
| 157.5° | 276.5 | 276.4 | 276.3 | 276.2 | 276.0 | 276.0 | 276.0 | 276.1 | 276.1 | 276.6 | 276.8 |
| 160° | 279.4 | 279.4 | 279.1 | 279.0 | 278.9 | 278.8 | 278.8 | 279.1 | 279.2 | 279.7 | 280.0 |
| 162.5° | 282.8 | 282.6 | 282.3 | 282.2 | 282.1 | 282.2 | 282.4 | 282.8 | 282.8 | 283.2 | 283.6 |
| 165° | 287.9 | 288.0 | 287.5 | 287.6 | 287.4 | 287.4 | 287.4 | 287.6 | 287.9 | 288.2 | 288.4 |
| 167.5° | 293.3 | 293.2 | 293.2 | 293.3 | 293.3 | 293.5 | 293.7 | 294.3 | 294.4 | 295.1 | 295.2 |
| 170° | 299.6 | 299.8 | 299.5 | 299.6 | 299.5 | 299.5 | 299.6 | 299.7 | 299.9 | 300.2 | 300.2 |
| 172.5° | 306.3 | 306.3 | 306.1 | 306.0 | 305.8 | 305.8 | 305.7 | 305.8 | 305.6 | 305.6 | 305.4 |
| 175° | 311.4 | 311.3 | 311.2 | 311.1 | 311.0 | 310.7 | 310.7 | 310.3 | 310.2 | 310.1 | 310.1 |
| 177.5° | 315.3 | 314.9 | 314.8 | 314.8 | 314.6 | 314.4 | 314.4 | 314.2 | 314.2 | 314.2 | 314.0 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43008.3 | 43007.8 | 43003.6 | 43005.6 | 43006.3 | 43009.4 | 43013.1 | 43017.0 | 43017.7 | 43020.8 | 43021.4 |
| 5° | 43330.2 | 43223.8 | 43145.1 | 43058.5 | 42993.4 | 42934.9 | 42895.9 | 42864.8 | 42852.8 | 42855.9 | 42863.1 |
| 7.5° | 44202.9 | 43983.4 | 43802.1 | 43596.1 | 43424.2 | 43242.3 | 43091.5 | 42948.1 | 42843.7 | 42765.8 | 42722.3 |
| 10° | 45160.7 | 44893.2 | 44637.3 | 44339.1 | 44056.2 | 43754.4 | 43481.0 | 43205.7 | 42976.2 | 42776.9 | 42630.4 |
| 12.5° | 45585.7 | 45396.7 | 45175.4 | 44894.0 | 44591.4 | 44243.1 | 43891.3 | 43514.3 | 43163.6 | 42838.1 | 42575.6 |
| 15° | 45135.7 | 45136.1 | 45055.4 | 44920.4 | 44710.2 | 44431.9 | 44096.7 | 43703.7 | 43290.0 | 42867.9 | 42482.2 |
| 17.5° | 43707.2 | 43976.7 | 44126.6 | 44221.5 | 44192.4 | 44089.8 | 43876.6 | 43574.7 | 43189.0 | 42739.4 | 42268.8 |
| 20° | 41254.1 | 41889.8 | 42343.0 | 42750.6 | 42979.0 | 43130.8 | 43115.6 | 42992.8 | 42718.1 | 42335.8 | 41845.7 |
| 22.5° | 37817.6 | 38884.7 | 39726.6 | 40511.7 | 41062.3 | 41510.2 | 41723.1 | 41813.5 | 41689.1 | 41422.7 | 40962.5 |
| 25° | 33643.8 | 35094.5 | 36332.5 | 37534.0 | 38435.3 | 39209.9 | 39675.3 | 40003.3 | 40029.4 | 39890.2 | 39479.6 |
| 27.5° | 29005.8 | 30718.2 | 32285.2 | 33882.0 | 35149.4 | 36262.9 | 36993.5 | 37528.3 | 37698.2 | 37675.7 | 37302.9 |
| 30° | 24373.7 | 26171.5 | 27898.7 | 29760.7 | 31329.0 | 32751.6 | 33716.7 | 34440.0 | 34718.6 | 34772.0 | 34413.4 |
| 32.5° | 19999.3 | 21772.0 | 23494.4 | 25441.1 | 27167.0 | 28797.4 | 29937.6 | 30796.7 | 31120.7 | 31197.1 | 30803.6 |
| 35° | 16029.1 | 17664.7 | 19301.5 | 21188.1 | 22904.1 | 24592.5 | 25793.9 | 26693.3 | 26995.9 | 27047.0 | 26591.6 |
| 37.5° | 12586.3 | 13979.8 | 15406.1 | 17098.9 | 18674.7 | 20260.3 | 21401.9 | 22247.1 | 22467.6 | 22454.0 | 21938.6 |
| 40° | 9687.5 | 10770.8 | 11916.9 | 13310.5 | 14620.6 | 15961.0 | 16925.0 | 17623.8 | 17739.6 | 17653.8 | 17112.3 |
| 42.5° | 7284.4 | 8066.9 | 8897.8 | 9938.0 | 10910.1 | 11913.3 | 12614.7 | 13133.4 | 13149.9 | 13014.3 | 12528.2 |
| 45° | 5426.9 | 6190.3 | 6538.8 | 7167.7 | 7793.9 | 8460.9 | 8889.1 | 9209.5 | 9159.9 | 9040.6 | 8671.3 |
| 47.5° | 4137.1 | 4430.4 | 4741.6 | 5131.6 | 5496.3 | 6253.3 | 6197.2 | 6711.8 | 6341.2 | 6593.9 | 6037.5 |
| 50° | 3285.3 | 3449.2 | 3616.9 | 3823.8 | 4014.4 | 4212.2 | 4336.0 | 4428.2 | 4416.3 | 4376.6 | 4270.0 |
| 52.5° | 2794.9 | 2845.7 | 2928.3 | 3045.9 | 3152.3 | 3259.4 | 3329.7 | 3387.0 | 3388.1 | 3372.1 | 3318.2 |
| 55° | 2336.0 | 2400.3 | 2459.6 | 2536.6 | 2667.7 | 2687.8 | 2788.7 | 2768.3 | 2776.2 | 2748.3 | 2776.9 |
| 57.5° | 2059.6 | 2097.0 | 2130.5 | 2176.2 | 2214.1 | 2258.3 | 2284.4 | 2309.5 | 2307.0 | 2301.6 | 2274.1 |
| 60° | 1863.8 | 1884.4 | 1903.0 | 1929.7 | 1950.5 | 1975.5 | 1987.5 | 2000.2 | 1996.1 | 1986.8 | 1962.3 |
| 62.5° | 1712.7 | 1725.8 | 1736.3 | 1753.5 | 1766.2 | 1781.8 | 1787.9 | 1793.4 | 1787.9 | 1779.2 | 1757.5 |
| 65° | 1563.9 | 1572.2 | 1578.9 | 1591.8 | 1600.8 | 1614.1 | 1619.4 | 1624.5 | 1619.5 | 1612.7 | 1596.2 |
| 67.5° | 1429.5 | 1430.3 | 1429.6 | 1434.9 | 1437.6 | 1445.6 | 1448.1 | 1451.7 | 1445.9 | 1440.0 | 1426.2 |
| 70° | 1327.6 | 1325.5 | 1322.9 | 1325.0 | 1325.5 | 1329.4 | 1330.0 | 1329.4 | 1322.5 | 1312.2 | 1297.0 |
| 72.5° | 1247.9 | 1246.8 | 1244.9 | 1246.6 | 1246.6 | 1250.2 | 1249.1 | 1247.3 | 1238.8 | 1228.8 | 1213.8 |
| 75° | 1145.6 | 1144.7 | 1140.9 | 1141.1 | 1137.8 | 1138.9 | 1134.8 | 1132.4 | 1123.0 | 1114.6 | 1101.2 |
| 77.5° | 1025.7 | 1023.8 | 1018.2 | 1016.1 | 1010.0 | 1007.5 | 999.7 | 995.8 | 986.2 | 979.5 | 968.0 |
| 80° | 892.0 | 889.9 | 882.7 | 878.7 | 869.1 | 863.0 | 851.5 | 844.9 | 833.9 | 827.4 | 816.1 |
| 82.5° | 737.3 | 738.0 | 730.9 | 725.9 | 712.1 | 701.6 | 686.3 | 678.0 | 665.8 | 659.4 | 647.9 |
| 85° | 524.3 | 516.9 | 520.9 | 520.5 | 511.9 | 502.8 | 490.3 | 481.5 | 471.2 | 465.2 | 457.1 |
| 87.5° | 287.6 | 289.4 | 287.3 | 285.5 | 279.5 | 274.8 | 265.1 | 259.9 | 252.5 | 248.7 | 242.7 |
| 90° | 84.6 | 84.2 | 76.9 | 76.7 | 69.5 | 66.7 | 58.3 | 56.6 | 49.0 | 47.8 | 42.3 |
| 92.5° | 45.7 | 43.4 | 41.6 | 38.8 | 36.9 | 34.6 | 32.3 | 30.0 | 27.7 | 26.6 | 26.2 |
| 95° | 56.9 | 53.8 | 50.5 | 47.1 | 43.8 | 40.4 | 37.4 | 34.0 | 30.7 | 30.0 | 29.3 |
| 97.5° | 64.4 | 60.5 | 56.5 | 52.6 | 48.7 | 44.8 | 41.0 | 37.1 | 33.2 | 32.7 | 32.3 |
| 100° | 110.2 | 101.3 | 92.2 | 83.2 | 74.2 | 65.1 | 56.3 | 47.1 | 38.3 | 37.7 | 37.3 |
| 102.5° | 243.9 | 222.1 | 200.2 | 178.4 | 156.7 | 134.7 | 112.9 | 90.9 | 69.1 | 66.0 | 62.8 |
| 105° | 428.9 | 395.8 | 363.0 | 329.9 | 296.7 | 263.6 | 230.7 | 197.3 | 164.2 | 153.6 | 142.9 |
| 107.5° | 563.0 | 531.9 | 500.9 | 469.9 | 438.8 | 408.0 | 376.8 | 345.6 | 314.4 | 295.8 | 277.2 |
| 110° | 624.6 | 600.1 | 575.8 | 551.2 | 526.8 | 502.3 | 477.6 | 453.0 | 428.5 | 412.3 | 396.6 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 619.2 | 601.5 | 583.9 | 566.0 | 548.2 | 530.3 | 512.6 | 494.6 | 476.6 | 467.1 | 457.5 |
| 115° | 563.5 | 552.9 | 542.6 | 532.1 | 521.6 | 511.1 | 500.7 | 489.8 | 479.1 | 474.3 | 469.5 |
| 117.5° | 496.9 | 491.9 | 487.1 | 482.0 | 477.0 | 471.8 | 466.8 | 461.6 | 456.5 | 455.1 | 453.7 |
| 120° | 429.8 | 428.8 | 427.6 | 426.7 | 425.6 | 424.6 | 423.4 | 422.2 | 420.9 | 421.8 | 422.5 |
| 122.5° | 374.5 | 375.9 | 377.6 | 378.7 | 380.3 | 381.5 | 383.1 | 384.0 | 385.3 | 387.5 | 389.5 |
| 125° | 337.3 | 339.8 | 342.2 | 344.6 | 347.0 | 349.6 | 352.0 | 354.1 | 356.7 | 358.6 | 361.0 |
| 127.5° | 312.2 | 314.7 | 317.6 | 320.2 | 323.1 | 325.7 | 328.4 | 330.8 | 333.5 | 335.6 | 338.0 |
| 130° | 296.4 | 298.7 | 301.4 | 303.7 | 306.3 | 308.8 | 311.3 | 313.8 | 316.2 | 318.3 | 320.3 |
| 132.5° | 286.4 | 288.8 | 291.3 | 293.5 | 296.1 | 298.2 | 300.7 | 303.0 | 305.7 | 307.3 | 309.1 |
| 135° | 282.3 | 284.2 | 286.3 | 288.1 | 290.4 | 292.2 | 294.2 | 296.4 | 298.7 | 300.2 | 301.9 |
| 137.5° | 279.1 | 280.7 | 282.7 | 284.2 | 286.3 | 287.9 | 290.0 | 291.7 | 294.0 | 295.1 | 296.9 |
| 140° | 277.0 | 278.7 | 280.4 | 282.1 | 284.1 | 285.7 | 287.9 | 289.7 | 292.0 | 293.2 | 294.8 |
| 142.5° | 276.6 | 277.8 | 279.4 | 280.7 | 282.5 | 283.8 | 285.7 | 287.5 | 289.5 | 290.9 | 292.3 |
| 145° | 275.5 | 276.9 | 278.5 | 279.9 | 281.4 | 283.1 | 285.2 | 287.1 | 289.1 | 290.3 | 291.6 |
| 147.5° | 276.0 | 277.2 | 278.6 | 280.0 | 281.4 | 282.7 | 284.6 | 286.3 | 288.2 | 289.4 | 290.6 |
| 150° | 275.6 | 276.7 | 277.9 | 279.2 | 280.7 | 282.4 | 284.1 | 285.8 | 288.0 | 289.2 | 290.3 |
| 152.5° | 275.3 | 276.5 | 277.8 | 279.3 | 280.8 | 282.5 | 284.2 | 286.1 | 288.0 | 289.0 | 290.4 |
| 155° | 275.9 | 276.9 | 278.4 | 279.9 | 281.5 | 282.8 | 284.6 | 286.4 | 288.2 | 289.4 | 290.5 |
| 157.5° | 278.0 | 278.9 | 280.3 | 281.7 | 283.1 | 284.6 | 286.3 | 287.7 | 289.4 | 290.4 | 291.3 |
| 160° | 281.2 | 282.1 | 283.5 | 284.7 | 286.1 | 287.3 | 288.9 | 290.1 | 291.6 | 292.6 | 293.6 |
| 162.5° | 284.8 | 285.9 | 287.2 | 288.2 | 289.7 | 291.0 | 292.5 | 293.7 | 295.1 | 295.9 | 296.9 |
| 165° | 289.5 | 290.4 | 291.6 | 292.4 | 293.5 | 294.4 | 295.7 | 296.6 | 297.9 | 298.5 | 299.5 |
| 167.5° | 296.4 | 296.9 | 297.6 | 298.3 | 299.4 | 300.2 | 301.2 | 301.9 | 303.0 | 303.7 | 304.5 |
| 170° | 301.0 | 301.6 | 302.0 | 302.9 | 303.6 | 304.4 | 305.0 | 305.6 | 306.7 | 307.3 | 308.0 |
| 172.5° | 305.9 | 306.0 | 306.8 | 307.1 | 307.5 | 307.8 | 308.6 | 309.0 | 309.5 | 310.2 | 310.7 |
| 175° | 310.4 | 310.5 | 310.8 | 310.9 | 311.1 | 311.3 | 311.7 | 312.1 | 312.4 | 312.8 | 313.0 |
| 177.5° | 314.1 | 314.2 | 314.2 | 314.3 | 314.7 | 314.8 | 315.1 | 315.2 | 315.5 | 315.7 | 316.1 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43019.9 | 43019.5 | 43018.1 | 43016.1 | 43014.3 | 43015.4 | 43017.2 | 43022.2 | 43030.8 | 43043.3 | 43059.6 |
| 5° | 42869.0 | 42877.8 | 42882.7 | 42883.4 | 42878.9 | 42876.2 | 42880.3 | 42892.1 | 42916.0 | 42956.0 | 43010.1 |
| 7.5° | 42710.6 | 42721.4 | 42738.1 | 42750.6 | 42753.0 | 42750.0 | 42750.6 | 42769.1 | 42813.1 | 42891.0 | 43000.3 |
| 10° | 42541.5 | 42509.4 | 42526.4 | 42557.4 | 42582.0 | 42586.5 | 42589.5 | 42611.4 | 42675.7 | 42793.5 | 42969.0 |
| 12.5° | 42385.4 | 42283.7 | 42264.0 | 42292.0 | 42329.4 | 42341.4 | 42338.1 | 42347.5 | 42422.9 | 42578.6 | 42823.2 |
| 15° | 42180.0 | 41988.5 | 41923.1 | 41930.3 | 41976.5 | 41993.2 | 41981.0 | 41962.4 | 42035.8 | 42226.1 | 42542.7 |
| 17.5° | 41847.6 | 41538.8 | 41418.5 | 41413.2 | 41467.4 | 41481.7 | 41452.0 | 41394.4 | 41466.7 | 41704.1 | 42097.2 |
| 20° | 41342.2 | 40886.5 | 40660.0 | 40623.9 | 40682.7 | 40665.6 | 40606.2 | 40519.2 | 40614.3 | 40902.8 | 41370.2 |
| 22.5° | 40433.8 | 39856.3 | 39469.4 | 39344.5 | 39414.8 | 39367.9 | 39281.3 | 39170.2 | 39296.4 | 39624.4 | 40144.9 |
| 25° | 38949.3 | 38282.1 | 37752.2 | 37455.0 | 37511.0 | 37427.0 | 37332.8 | 37198.1 | 37348.6 | 37725.0 | 38298.0 |
| 27.5° | 36767.3 | 35996.5 | 35340.0 | 34848.0 | 34866.1 | 34756.1 | 34647.5 | 34473.2 | 34661.1 | 35106.6 | 35752.9 |
| 30° | 33865.8 | 32974.0 | 32174.5 | 31505.7 | 31445.9 | 31339.3 | 31228.1 | 30999.3 | 31234.4 | 31767.8 | 32523.0 |
| 32.5° | 30222.0 | 29231.9 | 28308.1 | 27462.6 | 27303.1 | 27198.9 | 27099.9 | 26836.6 | 27144.5 | 27766.4 | 28634.0 |
| 35° | 25960.8 | 24906.0 | 23904.4 | 22938.8 | 22674.6 | 22570.4 | 22483.9 | 22231.6 | 22615.9 | 23292.5 | 24229.6 |
| 37.5° | 21283.4 | 20205.9 | 19211.6 | 18221.4 | 17848.0 | 17706.8 | 17643.9 | 17478.6 | 17921.9 | 18591.2 | 19532.1 |
| 40° | 16481.7 | 15479.9 | 14588.4 | 13713.7 | 13288.1 | 13072.0 | 13039.0 | 13008.9 | 13437.5 | 14018.2 | 14872.2 |
| 42.5° | 11989.8 | 11181.5 | 10494.1 | 9825.6 | 9439.9 | 9144.8 | 9144.6 | 9234.2 | 9620.0 | 10055.0 | 10713.6 |
| 45° | 8293.7 | 7751.3 | 7313.2 | 6866.6 | 6985.9 | 6397.6 | 6743.3 | 6565.9 | 6756.6 | 7037.0 | 7465.3 |
| 47.5° | 5701.1 | 5405.0 | 5164.4 | 4914.9 | 4732.9 | 4559.3 | 4574.5 | 4686.5 | 4866.1 | 5032.5 | 5255.3 |
| 50° | 4155.1 | 4004.3 | 3881.8 | 3752.2 | 3661.6 | 3585.1 | 3589.5 | 3638.0 | 3732.4 | 3820.0 | 3936.7 |
| 52.5° | 3255.8 | 3172.6 | 3106.1 | 3034.5 | 2986.9 | 2948.8 | 2950.9 | 2974.5 | 3025.5 | 3075.5 | 3142.4 |
| 55° | 2683.6 | 2673.5 | 2587.0 | 2522.7 | 2498.2 | 2472.6 | 2477.2 | 2486.6 | 2521.2 | 2550.6 | 2594.8 |
| 57.5° | 2248.8 | 2210.0 | 2184.1 | 2150.1 | 2134.6 | 2116.7 | 2120.7 | 2124.2 | 2147.4 | 2167.1 | 2199.0 |
| 60° | 1941.8 | 1914.3 | 1896.0 | 1872.9 | 1862.6 | 1851.3 | 1853.9 | 1855.9 | 1870.8 | 1883.6 | 1906.5 |
| 62.5° | 1737.9 | 1713.3 | 1697.3 | 1679.5 | 1672.3 | 1664.7 | 1666.4 | 1667.0 | 1676.3 | 1685.7 | 1703.0 |
| 65° | 1581.5 | 1561.9 | 1548.7 | 1533.3 | 1525.8 | 1517.7 | 1518.6 | 1518.6 | 1526.4 | 1533.3 | 1546.3 |
| 67.5° | 1416.0 | 1401.3 | 1392.7 | 1380.5 | 1375.4 | 1367.3 | 1367.1 | 1364.5 | 1369.6 | 1372.4 | 1381.2 |
| 70° | 1283.2 | 1268.4 | 1257.3 | 1245.7 | 1239.3 | 1232.1 | 1232.2 | 1232.4 | 1238.3 | 1244.6 | 1256.0 |
| 72.5° | 1201.2 | 1187.0 | 1177.2 | 1167.0 | 1160.9 | 1154.8 | 1153.7 | 1153.1 | 1157.4 | 1160.7 | 1168.3 |
| 75° | 1092.5 | 1081.3 | 1075.5 | 1065.9 | 1061.1 | 1054.2 | 1053.0 | 1049.9 | 1051.9 | 1052.6 | 1058.2 |
| 77.5° | 960.8 | 950.1 | 945.4 | 935.7 | 931.6 | 923.8 | 923.2 | 919.6 | 921.3 | 920.1 | 924.5 |
| 80° | 810.5 | 800.8 | 798.2 | 790.2 | 788.4 | 781.1 | 780.0 | 775.7 | 777.0 | 773.6 | 775.2 |
| 82.5° | 642.9 | 634.0 | 632.0 | 624.7 | 624.7 | 618.1 | 617.8 | 611.3 | 611.3 | 605.7 | 596.7 |
| 85° | 452.9 | 446.4 | 443.6 | 437.5 | 435.7 | 430.5 | 427.7 | 421.5 | 419.2 | 415.2 | 414.0 |
| 87.5° | 239.0 | 234.9 | 231.1 | 228.3 | 223.0 | 213.5 | 212.8 | 206.2 | 206.6 | 202.1 | 202.4 |
| 90° | 41.7 | 36.8 | 36.4 | 31.9 | 31.2 | 28.1 | 27.8 | 27.2 | 27.5 | 27.1 | 27.6 |
| 92.5° | 25.3 | 24.6 | 23.9 | 23.1 | 22.3 | 21.5 | 20.8 | 21.5 | 22.3 | 23.1 | 23.9 |
| 95° | 28.6 | 27.9 | 27.2 | 26.6 | 25.9 | 25.2 | 24.5 | 25.2 | 25.9 | 26.6 | 27.3 |
| 97.5° | 31.9 | 31.4 | 31.0 | 30.6 | 30.1 | 29.7 | 29.3 | 29.9 | 30.3 | 30.7 | 31.2 |
| 100° | 36.7 | 36.2 | 35.7 | 35.2 | 34.7 | 34.2 | 33.6 | 34.5 | 34.9 | 35.5 | 36.0 |
| 102.5° | 59.8 | 56.6 | 53.5 | 50.3 | 47.1 | 44.0 | 40.8 | 44.0 | 47.1 | 50.4 | 53.6 |
| 105° | 132.3 | 121.8 | 111.1 | 100.3 | 89.7 | 79.0 | 68.3 | 79.2 | 89.9 | 100.5 | 111.3 |
| 107.5° | 258.3 | 239.8 | 221.0 | 202.4 | 183.3 | 164.7 | 145.9 | 164.9 | 183.7 | 202.5 | 221.4 |
| 110° | 380.3 | 364.2 | 348.1 | 332.0 | 315.7 | 299.7 | 283.4 | 299.8 | 316.0 | 332.3 | 348.5 |



TEST NUMBER: P1444843

CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 447.7 | 438.2 | 428.4 | 418.9 | 408.9 | 399.3 | 389.3 | 399.6 | 409.5 | 419.6 | 429.3 |
| 115° | 464.7 | 459.7 | 454.9 | 450.0 | 444.9 | 439.8 | 434.5 | 440.3 | 445.6 | 450.9 | 456.2 |
| 117.5° | 452.2 | 450.9 | 449.3 | 447.8 | 446.2 | 444.7 | 442.9 | 445.0 | 447.0 | 449.2 | 450.9 |
| 120° | 423.1 | 424.0 | 424.6 | 425.1 | 425.8 | 426.2 | 426.5 | 426.9 | 426.9 | 426.9 | 426.7 |
| 122.5° | 391.5 | 393.5 | 395.3 | 397.2 | 398.9 | 400.7 | 402.2 | 401.4 | 400.2 | 399.3 | 397.8 |
| 125° | 362.9 | 365.3 | 367.3 | 369.3 | 371.1 | 373.1 | 374.4 | 374.0 | 372.8 | 371.7 | 370.2 |
| 127.5° | 340.1 | 342.1 | 344.1 | 346.3 | 347.9 | 349.6 | 351.0 | 350.6 | 349.6 | 348.7 | 347.4 |
| 130° | 322.0 | 324.2 | 325.8 | 327.8 | 329.1 | 330.5 | 331.6 | 331.5 | 330.8 | 330.5 | 329.4 |
| 132.5° | 310.8 | 312.8 | 314.3 | 316.0 | 317.1 | 318.5 | 319.3 | 319.6 | 319.3 | 319.0 | 318.2 |
| 135° | 303.6 | 305.1 | 306.4 | 308.1 | 309.1 | 310.2 | 310.8 | 311.4 | 311.3 | 311.2 | 310.6 |
| 137.5° | 298.1 | 299.7 | 300.9 | 302.0 | 303.0 | 303.7 | 304.2 | 304.8 | 305.0 | 305.5 | 305.2 |
| 140° | 296.1 | 297.7 | 299.0 | 300.0 | 301.2 | 302.1 | 302.4 | 303.3 | 303.4 | 303.5 | 303.3 |
| 142.5° | 293.7 | 295.1 | 296.4 | 297.7 | 298.6 | 299.5 | 300.0 | 300.6 | 300.8 | 300.9 | 300.7 |
| 145° | 293.0 | 294.1 | 295.3 | 296.4 | 297.3 | 297.9 | 298.1 | 299.1 | 299.3 | 299.5 | 299.6 |
| 147.5° | 291.8 | 293.1 | 294.0 | 295.1 | 295.7 | 296.4 | 296.8 | 297.5 | 297.8 | 298.0 | 298.2 |
| 150° | 291.7 | 292.9 | 294.0 | 295.1 | 295.9 | 296.6 | 296.8 | 297.6 | 297.8 | 298.0 | 298.0 |
| 152.5° | 291.4 | 292.4 | 293.6 | 294.4 | 295.2 | 295.8 | 296.2 | 296.8 | 297.4 | 297.8 | 297.8 |
| 155° | 291.5 | 292.6 | 293.6 | 294.5 | 295.1 | 296.0 | 296.6 | 297.3 | 297.8 | 298.0 | 298.4 |
| 157.5° | 292.3 | 293.4 | 294.2 | 295.1 | 295.8 | 296.7 | 297.4 | 298.2 | 298.7 | 299.3 | 299.6 |
| 160° | 294.4 | 295.5 | 296.2 | 297.1 | 297.8 | 298.7 | 299.3 | 300.1 | 300.7 | 301.2 | 301.9 |
| 162.5° | 297.7 | 298.7 | 299.2 | 300.1 | 300.9 | 301.7 | 302.3 | 303.2 | 303.8 | 304.4 | 304.9 |
| 165° | 300.5 | 301.4 | 301.9 | 302.9 | 303.8 | 304.6 | 305.2 | 306.0 | 306.3 | 306.9 | 307.3 |
| 167.5° | 305.2 | 306.1 | 306.6 | 307.4 | 308.0 | 308.9 | 309.7 | 310.2 | 310.6 | 311.0 | 311.4 |
| 170° | 308.6 | 309.3 | 310.0 | 310.5 | 311.3 | 312.0 | 312.4 | 312.8 | 313.2 | 313.6 | 314.0 |
| 172.5° | 311.1 | 311.9 | 312.5 | 313.3 | 313.7 | 314.3 | 314.9 | 315.3 | 315.5 | 315.6 | 315.6 |
| 175° | 313.4 | 314.1 | 314.3 | 314.8 | 315.2 | 315.6 | 316.2 | 316.2 | 316.5 | 316.5 | 316.6 |
| 177.5° | 316.5 | 317.1 | 317.5 | 317.8 | 318.2 | 318.3 | 318.8 | 318.5 | 318.5 | 318.3 | 318.1 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43082.7 | 43104.3 | 43137.2 | 43167.1 | 43212.1 | 43247.6 | 43300.9 | 43341.4 | 43401.5 | 43440.6 | 43506.0 |
| 5° | 43086.6 | 43170.9 | 43281.7 | 43389.8 | 43519.9 | 43637.9 | 43784.6 | 43909.6 | 44057.1 | 44177.3 | 44328.2 |
| 7.5° | 43147.5 | 43310.0 | 43504.9 | 43701.2 | 43923.2 | 44130.8 | 44364.9 | 44576.6 | 44808.1 | 45004.1 | 45218.1 |
| 10° | 43192.4 | 43443.1 | 43730.2 | 44019.1 | 44323.2 | 44605.8 | 44891.0 | 45137.5 | 45367.9 | 45557.4 | 45724.9 |
| 12.5° | 43131.5 | 43476.8 | 43845.3 | 44201.0 | 44539.2 | 44831.6 | 45077.0 | 45266.6 | 45397.4 | 45486.2 | 45507.0 |
| 15° | 42924.4 | 43340.0 | 43740.5 | 44094.8 | 44375.4 | 44591.8 | 44703.8 | 44756.3 | 44700.0 | 44606.5 | 44401.1 |
| 17.5° | 42537.4 | 42975.7 | 43333.8 | 43613.3 | 43761.6 | 43820.3 | 43727.5 | 43566.1 | 43250.6 | 42900.5 | 42394.8 |
| 20° | 41827.9 | 42236.3 | 42496.1 | 42648.5 | 42608.9 | 42462.2 | 42111.9 | 41686.0 | 41056.2 | 40385.0 | 39499.3 |
| 22.5° | 40583.5 | 40940.5 | 41079.0 | 41090.3 | 40848.3 | 40480.9 | 39849.1 | 39118.7 | 38125.1 | 37092.2 | 35821.9 |
| 25° | 38715.6 | 39028.3 | 39050.2 | 38927.3 | 38484.4 | 37889.2 | 36961.4 | 35928.1 | 34577.9 | 33201.6 | 31609.8 |
| 27.5° | 36182.3 | 36482.2 | 36408.8 | 36179.6 | 35564.6 | 34768.2 | 33580.2 | 32245.5 | 30581.0 | 28955.4 | 27194.5 |
| 30° | 32997.8 | 33318.5 | 33232.4 | 32938.3 | 32206.9 | 31265.5 | 29867.7 | 28317.0 | 26469.0 | 24732.7 | 22948.3 |
| 32.5° | 29186.9 | 29592.4 | 29532.9 | 29253.4 | 28490.2 | 27482.7 | 25966.1 | 24321.3 | 22430.6 | 20719.6 | 18983.8 |
| 35° | 24855.3 | 25347.7 | 25373.1 | 25190.4 | 24481.9 | 23486.0 | 21988.4 | 20396.4 | 18585.5 | 16971.0 | 15367.5 |
| 37.5° | 20188.5 | 20759.3 | 20876.5 | 20827.2 | 20240.0 | 19361.0 | 17996.4 | 16568.3 | 14963.9 | 13549.0 | 12177.6 |
| 40° | 15495.8 | 16073.6 | 16274.1 | 16333.6 | 15900.2 | 15219.4 | 14099.4 | 12946.7 | 11638.9 | 10492.3 | 9403.4 |
| 42.5° | 11216.4 | 11728.6 | 11922.3 | 12044.2 | 11773.7 | 11319.7 | 10502.7 | 9665.6 | 8707.4 | 7880.5 | 7087.7 |
| 45° | 7790.0 | 8152.3 | 8299.7 | 8422.4 | 8275.0 | 8018.9 | 7503.0 | 6979.4 | 6346.9 | 5806.6 | 5294.9 |
| 47.5° | 5446.4 | 5646.2 | 5743.5 | 5803.0 | 5745.9 | 5612.3 | 5331.6 | 5028.3 | 4671.3 | 4355.4 | 4051.8 |
| 50° | 4037.0 | 4143.3 | 4194.2 | 4228.6 | 4187.0 | 4112.7 | 3960.8 | 3795.7 | 3599.6 | 3420.7 | 3245.9 |
| 52.5° | 3199.2 | 3260.2 | 3290.4 | 3308.9 | 3285.1 | 3239.7 | 3151.2 | 3053.3 | 2935.7 | 2825.2 | 2767.2 |
| 55° | 2695.2 | 2692.0 | 2761.9 | 2728.1 | 2761.9 | 2686.5 | 2670.7 | 2563.1 | 2465.4 | 2396.7 | 2322.2 |
| 57.5° | 2222.6 | 2254.3 | 2267.7 | 2282.7 | 2273.0 | 2259.2 | 2221.6 | 2183.1 | 2131.6 | 2088.6 | 2042.6 |
| 60° | 1923.9 | 1950.0 | 1964.7 | 1979.7 | 1978.6 | 1973.5 | 1951.8 | 1928.7 | 1896.6 | 1870.8 | 1843.0 |
| 62.5° | 1718.2 | 1740.8 | 1755.3 | 1769.6 | 1770.9 | 1768.7 | 1752.3 | 1736.3 | 1714.4 | 1698.2 | 1679.0 |
| 65° | 1556.3 | 1572.2 | 1582.1 | 1593.5 | 1592.8 | 1589.8 | 1574.9 | 1561.6 | 1543.6 | 1532.4 | 1518.3 |
| 67.5° | 1386.9 | 1399.0 | 1406.6 | 1417.3 | 1419.4 | 1420.0 | 1411.9 | 1405.7 | 1396.8 | 1393.6 | 1388.8 |
| 70° | 1266.5 | 1281.0 | 1293.3 | 1306.9 | 1314.3 | 1317.8 | 1314.3 | 1311.1 | 1306.0 | 1303.7 | 1300.0 |
| 72.5° | 1175.3 | 1187.6 | 1197.2 | 1209.6 | 1216.4 | 1221.4 | 1218.7 | 1216.9 | 1212.4 | 1211.8 | 1209.2 |
| 75° | 1062.1 | 1070.6 | 1076.0 | 1085.2 | 1088.9 | 1093.6 | 1091.4 | 1092.5 | 1091.1 | 1094.7 | 1094.5 |
| 77.5° | 925.9 | 932.1 | 934.7 | 941.4 | 942.1 | 947.7 | 949.0 | 955.5 | 960.2 | 970.4 | 975.8 |
| 80° | 772.6 | 776.6 | 776.6 | 783.5 | 786.6 | 796.0 | 800.5 | 811.2 | 816.1 | 825.3 | 826.1 |
| 82.5° | 600.2 | 595.6 | 600.2 | 597.3 | 606.1 | 616.7 | 618.1 | 627.3 | 629.3 | 635.1 | 630.6 |
| 85° | 410.3 | 410.0 | 406.3 | 406.9 | 404.2 | 405.5 | 404.0 | 405.6 | 404.1 | 404.2 | 400.0 |
| 87.5° | 196.6 | 198.3 | 194.1 | 195.5 | 191.4 | 193.2 | 189.6 | 192.5 | 188.1 | 188.8 | 182.3 |
| 90° | 27.5 | 27.9 | 27.8 | 28.2 | 29.2 | 30.3 | 31.6 | 32.8 | 34.7 | 35.8 | 37.3 |
| 92.5° | 24.6 | 25.5 | 26.4 | 27.1 | 27.9 | 30.2 | 32.5 | 34.8 | 37.2 | 39.4 | 41.7 |
| 95° | 28.0 | 28.7 | 29.3 | 30.5 | 31.1 | 34.5 | 37.8 | 41.1 | 44.4 | 47.8 | 51.1 |
| 97.5° | 31.9 | 32.3 | 32.8 | 33.2 | 33.8 | 37.7 | 41.6 | 45.7 | 49.6 | 53.5 | 57.2 |
| 100° | 36.7 | 37.2 | 37.7 | 38.4 | 38.9 | 48.0 | 57.1 | 66.1 | 75.2 | 84.1 | 93.2 |
| 102.5° | 56.9 | 60.1 | 63.3 | 66.7 | 69.9 | 91.9 | 113.8 | 135.8 | 157.5 | 179.5 | 201.3 |
| 105° | 122.0 | 132.8 | 143.8 | 154.5 | 165.2 | 198.4 | 231.8 | 265.1 | 297.9 | 331.2 | 364.5 |
| 107.5° | 240.3 | 259.1 | 278.1 | 296.9 | 315.7 | 347.0 | 378.2 | 409.5 | 440.8 | 471.9 | 502.7 |
| 110° | 365.2 | 381.0 | 397.7 | 413.9 | 430.2 | 454.7 | 479.6 | 504.3 | 529.0 | 553.6 | 578.1 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 439.5 | 449.1 | 459.1 | 468.7 | 478.7 | 496.8 | 515.0 | 533.0 | 551.1 | 568.9 | 586.8 |
| 115° | 461.4 | 466.3 | 471.6 | 476.6 | 481.9 | 492.7 | 503.4 | 514.1 | 525.0 | 535.4 | 546.3 |
| 117.5° | 452.8 | 454.5 | 456.4 | 457.7 | 459.5 | 464.8 | 470.2 | 475.5 | 480.9 | 486.1 | 491.4 |
| 120° | 426.5 | 426.0 | 425.8 | 425.1 | 424.7 | 425.9 | 427.5 | 428.7 | 430.2 | 431.4 | 432.6 |
| 122.5° | 396.6 | 394.8 | 393.3 | 391.6 | 390.0 | 388.7 | 387.8 | 386.4 | 385.6 | 384.3 | 383.2 |
| 125° | 368.8 | 367.1 | 365.5 | 363.5 | 361.7 | 359.5 | 357.5 | 355.2 | 353.0 | 350.8 | 348.4 |
| 127.5° | 346.3 | 344.5 | 343.1 | 341.3 | 339.5 | 336.9 | 334.6 | 331.9 | 329.6 | 326.9 | 324.5 |
| 130° | 328.6 | 327.1 | 326.1 | 324.1 | 323.0 | 320.3 | 318.3 | 315.9 | 313.6 | 311.3 | 308.9 |
| 132.5° | 317.6 | 316.4 | 315.4 | 313.9 | 312.7 | 310.3 | 308.6 | 306.0 | 303.9 | 301.7 | 299.6 |
| 135° | 310.2 | 309.4 | 308.7 | 307.4 | 306.3 | 304.3 | 302.6 | 300.6 | 298.9 | 297.0 | 295.2 |
| 137.5° | 305.0 | 304.2 | 303.6 | 302.9 | 302.0 | 300.2 | 298.8 | 296.9 | 295.5 | 293.7 | 292.3 |
| 140° | 303.2 | 302.5 | 301.9 | 301.2 | 300.5 | 298.8 | 297.1 | 295.4 | 293.9 | 292.2 | 290.7 |
| 142.5° | 300.5 | 300.0 | 299.4 | 298.7 | 298.0 | 296.4 | 295.5 | 294.0 | 292.7 | 291.3 | 290.1 |
| 145° | 299.4 | 299.1 | 298.8 | 298.1 | 297.9 | 296.4 | 295.1 | 293.6 | 292.4 | 291.0 | 289.6 |
| 147.5° | 298.2 | 297.8 | 297.8 | 297.4 | 297.3 | 296.1 | 295.1 | 293.9 | 293.0 | 291.8 | 290.9 |
| 150° | 298.0 | 297.9 | 297.8 | 297.5 | 297.3 | 296.2 | 295.4 | 294.3 | 293.6 | 292.4 | 291.5 |
| 152.5° | 297.8 | 297.9 | 298.0 | 297.9 | 298.0 | 297.3 | 296.4 | 295.4 | 294.6 | 293.5 | 292.7 |
| 155° | 298.7 | 298.9 | 299.0 | 299.0 | 299.0 | 298.3 | 297.6 | 296.8 | 296.1 | 295.2 | 294.5 |
| 157.5° | 300.0 | 300.3 | 300.5 | 300.7 | 300.9 | 300.4 | 299.7 | 299.2 | 298.5 | 297.8 | 297.1 |
| 160° | 302.2 | 302.7 | 303.0 | 303.2 | 303.5 | 303.0 | 302.8 | 301.9 | 301.8 | 300.9 | 300.3 |
| 162.5° | 305.4 | 305.9 | 306.1 | 306.3 | 306.6 | 306.0 | 306.0 | 305.4 | 304.9 | 304.0 | 303.5 |
| 165° | 307.9 | 308.0 | 308.4 | 308.5 | 308.7 | 308.3 | 308.2 | 307.8 | 307.4 | 307.0 | 306.6 |
| 167.5° | 311.8 | 311.9 | 312.3 | 312.4 | 312.6 | 312.3 | 312.6 | 312.2 | 311.9 | 311.6 | 311.4 |
| 170° | 314.2 | 314.5 | 314.7 | 314.8 | 315.0 | 314.7 | 314.6 | 314.4 | 314.4 | 313.9 | 313.6 |
| 172.5° | 315.9 | 315.9 | 316.1 | 316.3 | 316.3 | 316.1 | 316.0 | 315.8 | 315.8 | 315.7 | 315.5 |
| 175° | 316.7 | 316.6 | 316.8 | 316.8 | 316.7 | 316.8 | 316.7 | 316.8 | 316.7 | 316.7 | 316.6 |
| 177.5° | 318.3 | 318.2 | 317.9 | 317.8 | 317.7 | 317.6 | 317.7 | 317.6 | 317.8 | 317.7 | 317.6 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43546.4 | 43277.5 | 43242.0 | 43260.9 | 43305.9 | 43322.5 | 43371.0 | 43384.2 | 43433.0 | 43445.1 | 43491.9 |
| 5° | 44445.0 | 44089.6 | 44107.3 | 44192.7 | 44322.1 | 44399.2 | 44526.4 | 44592.9 | 44714.3 | 44769.6 | 44879.3 |
| 7.5° | 45392.5 | 45113.4 | 45200.4 | 45344.5 | 45521.4 | 45643.9 | 45796.7 | 45896.2 | 46027.9 | 46109.7 | 46215.0 |
| 10° | 45857.6 | 45781.2 | 45877.0 | 45990.4 | 46091.4 | 46170.4 | 46235.1 | 46287.0 | 46321.0 | 46352.7 | 46366.7 |
| 12.5° | 45503.6 | 45622.0 | 45638.3 | 45627.3 | 45560.4 | 45509.4 | 45394.7 | 45316.8 | 45178.5 | 45094.2 | 44929.5 |
| 15° | 44191.3 | 44451.5 | 44307.4 | 44089.2 | 43769.9 | 43503.7 | 43127.8 | 42847.9 | 42456.4 | 42190.9 | 41798.0 |
| 17.5° | 41888.1 | 42216.6 | 41841.0 | 41336.2 | 40693.9 | 40144.4 | 39460.2 | 38917.1 | 38236.8 | 37742.0 | 37107.1 |
| 20° | 38645.7 | 38952.7 | 38282.8 | 37445.9 | 36452.3 | 35616.2 | 34630.1 | 33843.4 | 32927.1 | 32245.5 | 31422.9 |
| 22.5° | 34608.5 | 34827.2 | 33883.6 | 32755.3 | 31489.4 | 30444.9 | 29265.9 | 28322.8 | 27277.0 | 26497.8 | 25620.7 |
| 25° | 30142.2 | 30201.2 | 29069.3 | 27769.4 | 26358.7 | 25184.6 | 23926.0 | 22934.3 | 21867.9 | 21078.1 | 20217.3 |
| 27.5° | 25634.3 | 25547.8 | 24324.3 | 22946.1 | 21462.0 | 20241.8 | 19014.1 | 18084.9 | 17150.8 | 16439.4 | 15697.9 |
| 30° | 21379.5 | 21169.9 | 19899.6 | 18482.9 | 17042.4 | 15948.7 | 14929.5 | 14183.3 | 13440.2 | 12875.9 | 12280.6 |
| 32.5° | 17477.7 | 17182.1 | 15945.5 | 14618.3 | 13404.4 | 12560.4 | 11804.7 | 11240.0 | 10640.0 | 10163.2 | 9663.7 |
| 35° | 14021.7 | 13706.7 | 12611.3 | 11486.1 | 10567.4 | 9945.2 | 9351.3 | 8888.0 | 8378.5 | 7976.4 | 7542.5 |
| 37.5° | 11055.7 | 10797.6 | 9880.0 | 8994.6 | 8299.7 | 7817.5 | 7330.8 | 6952.2 | 6531.2 | 6354.3 | 5890.7 |
| 40° | 8535.0 | 8354.5 | 7637.1 | 6984.4 | 6462.5 | 6236.1 | 5742.1 | 5388.4 | 5073.7 | 4814.3 | 4562.9 |
| 42.5° | 6657.4 | 6593.5 | 5895.4 | 5386.3 | 5018.9 | 4733.5 | 4458.2 | 4234.7 | 4017.2 | 3838.3 | 3669.4 |
| 45° | 4885.5 | 4835.1 | 4525.0 | 4231.2 | 3980.8 | 3781.4 | 3595.3 | 3441.6 | 3299.3 | 3181.5 | 3074.2 |
| 47.5° | 3804.4 | 3788.3 | 3609.7 | 3427.5 | 3269.8 | 3141.6 | 3020.9 | 2918.8 | 2824.4 | 2745.7 | 2720.1 |
| 50° | 3094.3 | 3092.2 | 2987.4 | 2875.0 | 2762.6 | 2688.5 | 2611.5 | 2551.2 | 2490.6 | 2443.3 | 2393.5 |
| 52.5° | 2629.1 | 2617.7 | 2547.0 | 2477.6 | 2410.9 | 2362.3 | 2313.0 | 2274.4 | 2234.3 | 2205.2 | 2174.1 |
| 55° | 2263.4 | 2275.4 | 2234.5 | 2193.0 | 2151.3 | 2121.0 | 2086.5 | 2061.1 | 2033.5 | 2015.1 | 1996.4 |
| 57.5° | 2009.4 | 2025.2 | 2003.8 | 1980.2 | 1954.8 | 1934.9 | 1911.2 | 1893.6 | 1875.1 | 1863.5 | 1852.6 |
| 60° | 1824.6 | 1841.9 | 1833.2 | 1821.4 | 1805.7 | 1793.9 | 1778.7 | 1768.9 | 1757.1 | 1750.6 | 1744.4 |
| 62.5° | 1667.8 | 1689.4 | 1686.4 | 1680.8 | 1670.7 | 1664.1 | 1655.8 | 1651.5 | 1643.7 | 1640.8 | 1637.9 |
| 65° | 1511.4 | 1535.7 | 1535.3 | 1532.5 | 1526.9 | 1525.0 | 1519.9 | 1518.9 | 1514.9 | 1516.5 | 1516.2 |
| 67.5° | 1388.3 | 1409.5 | 1414.1 | 1417.5 | 1417.3 | 1418.6 | 1418.2 | 1420.2 | 1420.2 | 1423.3 | 1425.1 |
| 70° | 1299.6 | 1314.3 | 1317.8 | 1321.4 | 1322.3 | 1325.2 | 1325.2 | 1326.9 | 1326.5 | 1329.0 | 1329.4 |
| 72.5° | 1209.8 | 1229.2 | 1232.8 | 1235.6 | 1235.6 | 1238.3 | 1236.9 | 1236.4 | 1232.6 | 1231.7 | 1229.0 |
| 75° | 1098.2 | 1123.0 | 1128.4 | 1131.9 | 1132.4 | 1134.8 | 1131.5 | 1129.3 | 1123.0 | 1120.4 | 1115.9 |
| 77.5° | 981.6 | 1007.3 | 1011.1 | 1012.4 | 1010.4 | 1010.8 | 1003.8 | 999.0 | 990.8 | 987.5 | 983.2 |
| 80° | 829.7 | 867.6 | 870.7 | 868.3 | 862.4 | 861.4 | 854.5 | 850.0 | 840.3 | 837.0 | 833.3 |
| 82.5° | 631.4 | 675.9 | 682.2 | 684.9 | 680.0 | 681.1 | 674.6 | 672.0 | 663.1 | 661.5 | 655.5 |
| 85° | 398.7 | 443.1 | 450.5 | 449.3 | 444.6 | 443.5 | 439.6 | 440.9 | 440.1 | 442.4 | 443.7 |
| 87.5° | 183.2 | 226.2 | 236.6 | 233.2 | 232.7 | 229.7 | 222.8 | 225.4 | 229.6 | 232.3 | 232.4 |
| 90° | 38.7 | 52.9 | 54.0 | 54.1 | 50.0 | 49.5 | 45.7 | 45.9 | 42.9 | 42.9 | 40.0 |
| 92.5° | 44.0 | 46.3 | 48.6 | 46.6 | 44.5 | 42.5 | 40.4 | 38.2 | 36.3 | 34.1 | 32.2 |
| 95° | 54.4 | 57.4 | 60.7 | 58.0 | 55.2 | 52.5 | 49.7 | 47.0 | 44.3 | 41.6 | 38.8 |
| 97.5° | 61.2 | 64.8 | 68.6 | 65.9 | 63.1 | 60.2 | 57.4 | 54.7 | 51.9 | 49.1 | 46.3 |
| 100° | 102.2 | 110.7 | 119.5 | 111.7 | 103.9 | 96.1 | 88.3 | 80.3 | 72.6 | 64.7 | 56.8 |
| 102.5° | 223.2 | 244.7 | 266.4 | 246.5 | 226.8 | 206.8 | 187.2 | 167.3 | 147.7 | 127.6 | 108.0 |
| 105° | 397.3 | 430.0 | 462.8 | 432.4 | 402.1 | 372.0 | 341.7 | 311.5 | 281.3 | 251.0 | 220.9 |
| 107.5° | 533.9 | 563.9 | 594.6 | 567.2 | 539.8 | 512.4 | 484.8 | 457.5 | 430.0 | 402.6 | 375.3 |
| 110° | 602.8 | 625.9 | 650.1 | 631.3 | 612.9 | 594.1 | 575.7 | 557.0 | 538.6 | 520.2 | 501.9 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 604.6 | 620.7 | 638.1 | 626.7 | 615.7 | 604.5 | 593.6 | 582.4 | 571.6 | 560.4 | 549.7 |
| 115° | 556.6 | 565.0 | 575.0 | 570.1 | 565.4 | 560.6 | 555.8 | 551.2 | 546.4 | 541.8 | 537.5 |
| 117.5° | 496.6 | 499.1 | 503.4 | 501.7 | 500.5 | 498.8 | 497.5 | 496.0 | 494.9 | 493.5 | 492.4 |
| 120° | 433.8 | 432.0 | 432.4 | 432.0 | 431.8 | 431.4 | 431.4 | 431.1 | 431.0 | 431.0 | 431.0 |
| 122.5° | 381.8 | 377.4 | 375.1 | 374.6 | 374.2 | 373.7 | 373.4 | 373.0 | 372.7 | 372.5 | 372.4 |
| 125° | 346.3 | 340.3 | 337.0 | 335.2 | 333.6 | 331.8 | 330.0 | 328.2 | 326.7 | 325.1 | 323.7 |
| 127.5° | 321.9 | 315.5 | 311.9 | 309.2 | 306.4 | 303.6 | 300.9 | 298.0 | 295.4 | 292.6 | 290.2 |
| 130° | 306.7 | 300.2 | 296.7 | 293.5 | 290.4 | 286.9 | 283.9 | 280.6 | 277.3 | 274.2 | 270.9 |
| 132.5° | 297.4 | 290.7 | 287.4 | 284.4 | 281.5 | 278.1 | 275.2 | 271.9 | 268.7 | 265.3 | 262.4 |
| 135° | 293.3 | 286.8 | 283.9 | 280.8 | 278.3 | 275.2 | 272.2 | 269.2 | 266.5 | 263.3 | 260.8 |
| 137.5° | 290.4 | 283.9 | 281.3 | 278.7 | 276.4 | 273.9 | 271.7 | 269.1 | 266.6 | 263.7 | 261.5 |
| 140° | 289.0 | 282.1 | 279.4 | 277.7 | 276.3 | 274.4 | 272.8 | 270.9 | 269.3 | 267.5 | 265.7 |
| 142.5° | 288.7 | 281.9 | 279.4 | 278.1 | 277.1 | 275.8 | 274.8 | 273.4 | 272.2 | 270.5 | 269.3 |
| 145° | 288.4 | 280.9 | 278.4 | 277.6 | 277.4 | 276.6 | 276.0 | 275.4 | 274.8 | 273.9 | 273.3 |
| 147.5° | 289.6 | 281.8 | 279.3 | 279.1 | 278.9 | 278.3 | 278.3 | 277.7 | 277.7 | 277.1 | 276.9 |
| 150° | 290.3 | 281.5 | 278.6 | 278.7 | 278.4 | 278.5 | 278.6 | 278.3 | 278.6 | 278.5 | 278.4 |
| 152.5° | 291.6 | 281.1 | 277.7 | 277.7 | 278.0 | 277.9 | 278.1 | 278.3 | 278.7 | 278.8 | 278.9 |
| 155° | 293.4 | 281.9 | 278.2 | 277.9 | 277.9 | 278.0 | 278.0 | 278.1 | 278.3 | 278.5 | 278.8 |
| 157.5° | 296.3 | 284.1 | 280.4 | 280.0 | 279.9 | 279.8 | 279.7 | 279.7 | 279.8 | 279.9 | 280.3 |
| 160° | 299.5 | 287.4 | 283.6 | 283.1 | 283.0 | 282.8 | 282.6 | 282.4 | 282.5 | 282.6 | 282.8 |
| 162.5° | 302.7 | 290.9 | 287.3 | 286.8 | 286.3 | 286.1 | 286.0 | 285.5 | 285.6 | 285.5 | 285.8 |
| 165° | 306.0 | 295.4 | 292.0 | 291.5 | 291.4 | 291.1 | 291.0 | 290.8 | 290.8 | 290.8 | 291.0 |
| 167.5° | 310.8 | 301.3 | 298.6 | 298.1 | 297.7 | 297.2 | 297.2 | 296.5 | 296.5 | 296.2 | 296.2 |
| 170° | 313.2 | 305.8 | 303.4 | 303.2 | 303.3 | 303.1 | 302.8 | 302.8 | 302.7 | 302.5 | 302.6 |
| 172.5° | 315.2 | 309.8 | 307.9 | 308.0 | 308.2 | 308.2 | 308.4 | 308.3 | 308.5 | 308.7 | 308.8 |
| 175° | 316.5 | 313.1 | 312.4 | 312.2 | 312.3 | 312.4 | 312.5 | 312.5 | 312.6 | 312.7 | 313.0 |
| 177.5° | 317.7 | 316.8 | 316.4 | 316.4 | 316.4 | 316.4 | 316.4 | 316.4 | 316.4 | 316.6 | 316.6 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43500.7 | 43551.4 | 43547.5 | 43595.0 | 43592.5 | 43637.2 | 43628.2 | 43666.7 | 43657.9 | 43690.9 | 43671.5 |
| 5° | 44927.6 | 45024.1 | 45055.9 | 45142.9 | 45161.0 | 45238.9 | 45240.5 | 45302.4 | 45294.9 | 45343.4 | 45317.6 |
| 7.5° | 46277.4 | 46367.4 | 46410.2 | 46477.8 | 46511.7 | 46567.6 | 46589.5 | 46635.6 | 46646.7 | 46673.9 | 46673.0 |
| 10° | 46391.3 | 46391.0 | 46412.2 | 46402.7 | 46421.6 | 46410.7 | 46433.7 | 46425.4 | 46459.5 | 46450.6 | 46476.4 |
| 12.5° | 44858.5 | 44706.4 | 44650.9 | 44514.2 | 44484.3 | 44367.1 | 44375.4 | 44300.2 | 44336.5 | 44290.3 | 44369.0 |
| 15° | 41564.2 | 41211.3 | 41037.0 | 40730.2 | 40633.9 | 40391.4 | 40371.7 | 40210.7 | 40254.2 | 40169.9 | 40293.0 |
| 17.5° | 36696.3 | 36140.7 | 35835.8 | 35387.7 | 35209.9 | 34866.8 | 34798.1 | 34590.8 | 34622.9 | 34518.5 | 34667.3 |
| 20° | 30892.3 | 30220.9 | 29836.3 | 29318.2 | 29087.1 | 28678.2 | 28569.7 | 28337.8 | 28366.8 | 28262.9 | 28431.2 |
| 22.5° | 25022.1 | 24319.4 | 23885.2 | 23342.1 | 23047.0 | 22662.4 | 22547.0 | 22314.0 | 22327.3 | 22229.7 | 22391.5 |
| 25° | 19627.6 | 18953.9 | 18532.5 | 18039.2 | 17783.1 | 17430.4 | 17309.2 | 17100.0 | 17111.8 | 17031.3 | 17176.6 |
| 27.5° | 15183.4 | 14630.6 | 14277.9 | 13864.5 | 13634.9 | 13345.1 | 13226.9 | 13050.9 | 13050.4 | 12991.3 | 13112.7 |
| 30° | 11865.0 | 11403.7 | 11087.0 | 10727.0 | 10511.4 | 10249.8 | 10135.6 | 9978.2 | 9971.3 | 9929.4 | 10025.9 |
| 32.5° | 9290.0 | 8879.7 | 8591.0 | 8274.0 | 8080.4 | 7856.0 | 7747.9 | 7621.4 | 7609.9 | 7571.9 | 7651.1 |
| 35° | 7221.7 | 6876.2 | 6628.0 | 6361.2 | 6380.8 | 6049.6 | 6104.7 | 5847.5 | 5777.7 | 5762.5 | 5821.4 |
| 37.5° | 5581.6 | 5314.0 | 5112.3 | 4912.5 | 4777.1 | 4637.2 | 4561.8 | 4494.2 | 4486.4 | 4479.9 | 4521.2 |
| 40° | 4368.9 | 4181.6 | 4034.9 | 3897.8 | 3804.7 | 3719.2 | 3672.1 | 3635.0 | 3626.2 | 3621.2 | 3646.2 |
| 42.5° | 3536.0 | 3409.5 | 3315.0 | 3231.3 | 3174.8 | 3128.4 | 3102.5 | 3081.8 | 3074.9 | 3075.1 | 3089.8 |
| 45° | 2987.4 | 2910.7 | 2849.8 | 2797.8 | 2761.7 | 2777.5 | 2730.8 | 2755.3 | 2723.0 | 2756.5 | 2734.4 |
| 47.5° | 2630.9 | 2565.6 | 2527.8 | 2491.0 | 2469.1 | 2451.5 | 2452.2 | 2452.5 | 2459.4 | 2460.5 | 2467.6 |
| 50° | 2355.7 | 2317.9 | 2291.7 | 2268.2 | 2256.8 | 2247.6 | 2250.8 | 2253.2 | 2259.9 | 2260.4 | 2265.7 |
| 52.5° | 2152.1 | 2127.2 | 2111.4 | 2096.9 | 2091.7 | 2086.5 | 2088.7 | 2087.7 | 2090.8 | 2089.2 | 2093.5 |
| 55° | 1986.4 | 1974.6 | 1969.7 | 1964.3 | 1965.0 | 1963.6 | 1964.6 | 1959.3 | 1956.1 | 1952.1 | 1955.8 |
| 57.5° | 1850.3 | 1848.8 | 1852.1 | 1854.3 | 1860.6 | 1862.8 | 1864.3 | 1858.2 | 1852.4 | 1847.2 | 1850.2 |
| 60° | 1745.5 | 1748.1 | 1756.4 | 1763.1 | 1772.2 | 1776.3 | 1778.9 | 1775.3 | 1771.2 | 1766.9 | 1769.4 |
| 62.5° | 1642.2 | 1646.2 | 1656.2 | 1663.6 | 1674.5 | 1680.1 | 1686.4 | 1686.7 | 1688.3 | 1686.7 | 1688.4 |
| 65° | 1522.2 | 1527.2 | 1536.2 | 1542.4 | 1552.5 | 1557.4 | 1563.9 | 1565.0 | 1568.5 | 1567.7 | 1570.8 |
| 67.5° | 1431.1 | 1435.6 | 1443.1 | 1449.0 | 1457.9 | 1463.1 | 1468.6 | 1469.0 | 1470.2 | 1470.0 | 1472.8 |
| 70° | 1333.8 | 1336.1 | 1342.8 | 1347.7 | 1356.7 | 1362.0 | 1368.4 | 1370.3 | 1374.3 | 1374.9 | 1378.1 |
| 72.5° | 1230.1 | 1229.2 | 1233.2 | 1235.5 | 1242.2 | 1246.4 | 1254.5 | 1258.9 | 1265.6 | 1267.4 | 1269.8 |
| 75° | 1117.2 | 1116.3 | 1121.0 | 1123.0 | 1128.8 | 1132.9 | 1142.0 | 1148.0 | 1158.3 | 1162.7 | 1161.6 |
| 77.5° | 986.5 | 988.8 | 997.7 | 1002.6 | 1010.4 | 1015.7 | 1027.5 | 1036.9 | 1055.9 | 1064.3 | 1055.8 |
| 80° | 840.3 | 842.7 | 852.0 | 856.6 | 866.7 | 873.1 | 886.4 | 897.5 | 914.5 | 918.2 | 913.4 |
| 82.5° | 660.6 | 661.3 | 669.7 | 673.1 | 686.3 | 695.7 | 712.5 | 721.3 | 731.9 | 730.2 | 729.0 |
| 85° | 450.5 | 456.5 | 466.9 | 477.4 | 493.3 | 508.7 | 524.5 | 537.7 | 528.3 | 543.0 | 526.7 |
| 87.5° | 240.7 | 240.1 | 254.2 | 251.9 | 274.4 | 287.3 | 301.0 | 307.6 | 315.0 | 313.5 | 313.7 |
| 90° | 40.6 | 38.3 | 39.4 | 36.7 | 39.0 | 36.0 | 39.3 | 36.7 | 40.8 | 37.2 | 43.3 |
| 92.5° | 30.0 | 29.1 | 27.8 | 26.8 | 25.5 | 24.7 | 23.4 | 22.3 | 21.1 | 20.0 | 21.1 |
| 95° | 36.1 | 35.0 | 34.0 | 32.8 | 31.8 | 30.7 | 29.7 | 28.7 | 27.7 | 26.6 | 27.9 |
| 97.5° | 43.6 | 43.0 | 42.4 | 41.8 | 41.2 | 40.6 | 40.0 | 39.4 | 38.6 | 38.0 | 38.8 |
| 100° | 49.0 | 49.0 | 49.0 | 49.0 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 49.4 |
| 102.5° | 88.1 | 86.2 | 84.2 | 82.1 | 80.1 | 78.1 | 76.1 | 74.2 | 72.2 | 70.2 | 73.1 |
| 105° | 190.7 | 183.0 | 175.2 | 167.5 | 159.6 | 152.0 | 144.2 | 136.5 | 128.8 | 121.1 | 129.0 |
| 107.5° | 348.2 | 334.0 | 319.8 | 305.8 | 291.6 | 277.5 | 263.6 | 249.5 | 235.5 | 221.5 | 234.0 |
| 110° | 483.3 | 468.3 | 453.2 | 438.3 | 423.2 | 408.2 | 393.3 | 378.4 | 363.5 | 348.6 | 360.6 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 538.9 | 528.7 | 519.0 | 509.2 | 499.5 | 490.0 | 480.3 | 470.7 | 461.1 | 451.5 | 457.3 |
| 115° | 532.8 | 528.1 | 523.2 | 518.6 | 513.8 | 509.0 | 504.2 | 499.7 | 495.2 | 490.6 | 491.0 |
| 117.5° | 491.2 | 489.2 | 487.5 | 485.7 | 484.0 | 482.3 | 480.8 | 479.3 | 477.7 | 476.4 | 473.2 |
| 120° | 431.2 | 431.1 | 431.1 | 431.4 | 431.5 | 432.1 | 432.2 | 432.7 | 433.4 | 434.0 | 429.6 |
| 122.5° | 372.3 | 372.8 | 373.4 | 374.1 | 375.0 | 376.0 | 376.9 | 378.2 | 379.5 | 380.8 | 376.4 |
| 125° | 322.1 | 322.5 | 323.1 | 323.7 | 324.1 | 325.3 | 326.3 | 327.5 | 328.6 | 330.1 | 326.4 |
| 127.5° | 287.6 | 287.2 | 286.8 | 286.7 | 286.5 | 286.8 | 287.0 | 287.5 | 288.2 | 288.8 | 286.5 |
| 130° | 267.8 | 266.6 | 265.3 | 264.5 | 263.4 | 262.8 | 262.4 | 261.9 | 261.5 | 261.5 | 260.8 |
| 132.5° | 259.2 | 257.4 | 255.6 | 254.0 | 252.4 | 251.3 | 249.9 | 249.2 | 248.4 | 247.8 | 247.6 |
| 135° | 257.5 | 255.4 | 253.2 | 251.2 | 249.2 | 247.9 | 246.2 | 245.2 | 244.0 | 243.2 | 243.7 |
| 137.5° | 259.0 | 256.9 | 254.7 | 252.8 | 250.9 | 249.4 | 247.7 | 246.6 | 245.6 | 244.7 | 245.4 |
| 140° | 263.9 | 261.8 | 259.6 | 257.8 | 256.1 | 254.6 | 253.1 | 252.1 | 250.7 | 250.2 | 250.5 |
| 142.5° | 267.9 | 266.4 | 264.3 | 262.7 | 261.0 | 259.6 | 258.4 | 257.5 | 256.2 | 255.7 | 256.3 |
| 145° | 272.5 | 271.3 | 269.7 | 268.4 | 267.3 | 266.4 | 265.1 | 264.6 | 263.8 | 263.7 | 263.9 |
| 147.5° | 276.3 | 275.5 | 274.2 | 273.3 | 272.2 | 271.7 | 270.9 | 270.5 | 270.0 | 269.8 | 269.9 |
| 150° | 278.3 | 277.7 | 277.0 | 276.4 | 275.8 | 275.5 | 274.9 | 274.7 | 274.5 | 274.4 | 274.5 |
| 152.5° | 279.1 | 278.7 | 278.2 | 277.8 | 277.3 | 277.2 | 276.8 | 276.7 | 276.6 | 276.6 | 276.6 |
| 155° | 279.0 | 278.8 | 278.7 | 278.6 | 278.4 | 278.7 | 278.6 | 278.9 | 278.8 | 279.1 | 279.3 |
| 157.5° | 280.4 | 280.6 | 280.5 | 280.9 | 281.0 | 281.4 | 281.4 | 281.9 | 282.0 | 282.6 | 282.8 |
| 160° | 283.2 | 283.4 | 283.4 | 283.8 | 283.9 | 284.1 | 284.3 | 284.7 | 285.0 | 285.3 | 285.7 |
| 162.5° | 285.9 | 286.4 | 286.6 | 286.9 | 287.4 | 287.7 | 288.2 | 288.8 | 289.2 | 289.7 | 290.3 |
| 165° | 291.1 | 291.2 | 291.3 | 291.3 | 291.8 | 292.0 | 292.2 | 292.7 | 293.0 | 293.6 | 294.1 |
| 167.5° | 296.1 | 296.3 | 296.3 | 296.4 | 296.7 | 297.0 | 297.3 | 297.8 | 298.3 | 299.1 | 299.4 |
| 170° | 302.3 | 302.3 | 302.3 | 302.3 | 302.3 | 302.7 | 302.8 | 303.0 | 303.2 | 303.6 | 303.9 |
| 172.5° | 308.9 | 308.9 | 308.6 | 308.9 | 308.6 | 308.9 | 308.9 | 309.0 | 309.0 | 309.2 | 309.3 |
| 175° | 312.8 | 313.2 | 313.3 | 313.6 | 313.5 | 313.6 | 313.7 | 313.8 | 313.9 | 314.2 | 314.2 |
| 177.5° | 316.6 | 316.7 | 316.7 | 316.7 | 316.7 | 316.9 | 316.9 | 316.9 | 316.9 | 316.7 | 316.8 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43703.7 | 43681.8 | 43704.1 | 43681.4 | 43704.1 | 43676.9 | 43695.4 | 43665.9 | 43673.5 | 43642.9 | 43650.8 |
| 5° | 45356.1 | 45321.3 | 45339.8 | 45294.6 | 45299.4 | 45238.9 | 45237.8 | 45167.4 | 45148.8 | 45068.7 | 45033.5 |
| 7.5° | 46692.4 | 46681.0 | 46687.5 | 46658.3 | 46654.9 | 46613.7 | 46594.0 | 46535.8 | 46499.2 | 46425.4 | 46375.0 |
| 10° | 46480.9 | 46515.0 | 46523.8 | 46558.5 | 46565.7 | 46600.1 | 46607.2 | 46641.6 | 46648.9 | 46674.3 | 46674.6 |
| 12.5° | 44365.3 | 44481.0 | 44508.6 | 44651.5 | 44711.6 | 44875.1 | 44962.8 | 45142.9 | 45249.9 | 45429.6 | 45540.0 |
| 15° | 40289.7 | 40489.8 | 40569.6 | 40848.6 | 41002.9 | 41328.6 | 41533.2 | 41907.3 | 42171.2 | 42568.4 | 42851.7 |
| 17.5° | 34680.3 | 34960.0 | 35086.2 | 35464.5 | 35711.4 | 36192.0 | 36538.6 | 37108.8 | 37545.4 | 38179.2 | 38681.5 |
| 20° | 28460.0 | 28770.8 | 28942.1 | 29373.8 | 29665.0 | 30226.7 | 30659.2 | 31360.0 | 31944.4 | 32747.4 | 33434.2 |
| 22.5° | 22442.3 | 22738.1 | 22928.3 | 23367.3 | 23695.3 | 24281.1 | 24764.5 | 25504.3 | 26159.0 | 27063.9 | 27887.3 |
| 25° | 17231.4 | 17502.5 | 17674.4 | 18071.6 | 18379.6 | 18917.9 | 19379.5 | 20090.9 | 20731.6 | 21639.2 | 22483.6 |
| 27.5° | 13173.3 | 13400.2 | 13566.0 | 13904.6 | 14176.2 | 14632.8 | 15029.3 | 15617.3 | 16169.3 | 16954.6 | 17706.4 |
| 30° | 10085.2 | 10286.5 | 10447.7 | 10742.7 | 10994.4 | 11390.2 | 11738.9 | 12232.8 | 12689.7 | 13314.5 | 13912.6 |
| 32.5° | 7706.8 | 7880.0 | 8023.7 | 8281.9 | 8510.3 | 8866.8 | 9180.9 | 9613.7 | 10005.9 | 10535.8 | 11027.9 |
| 35° | 5876.1 | 6217.1 | 6192.8 | 6548.9 | 6606.2 | 6862.0 | 7142.3 | 7520.7 | 7868.0 | 8318.7 | 8737.4 |
| 37.5° | 4560.9 | 4656.6 | 4759.4 | 4916.8 | 5082.2 | 5314.9 | 5551.7 | 6014.1 | 6183.7 | 6524.3 | 6871.0 |
| 40° | 3677.9 | 3742.6 | 3810.4 | 3916.8 | 4032.6 | 4196.6 | 4369.0 | 4589.7 | 4815.7 | 5091.8 | 5373.8 |
| 42.5° | 3109.3 | 3146.0 | 3189.1 | 3251.7 | 3323.0 | 3427.0 | 3542.3 | 3691.9 | 3849.2 | 4043.5 | 4241.9 |
| 45° | 2778.0 | 2760.6 | 2773.4 | 2807.0 | 2850.0 | 2913.2 | 2985.9 | 3078.6 | 3181.0 | 3306.9 | 3440.9 |
| 47.5° | 2469.1 | 2476.1 | 2479.9 | 2498.2 | 2521.2 | 2563.6 | 2607.8 | 2670.7 | 2792.0 | 2829.0 | 2902.2 |
| 50° | 2265.1 | 2268.6 | 2267.3 | 2276.7 | 2288.3 | 2315.9 | 2344.5 | 2387.1 | 2429.6 | 2485.9 | 2539.7 |
| 52.5° | 2094.2 | 2098.9 | 2098.3 | 2104.4 | 2110.6 | 2128.1 | 2146.1 | 2176.2 | 2204.1 | 2239.9 | 2270.8 |
| 55° | 1959.2 | 1965.7 | 1968.3 | 1973.4 | 1976.4 | 1985.5 | 1992.7 | 2007.1 | 2019.0 | 2039.3 | 2058.0 |
| 57.5° | 1855.3 | 1864.3 | 1868.4 | 1870.2 | 1866.6 | 1866.0 | 1863.7 | 1866.6 | 1869.1 | 1880.0 | 1890.5 |
| 60° | 1773.6 | 1780.7 | 1781.9 | 1780.7 | 1774.0 | 1769.3 | 1761.6 | 1759.1 | 1757.9 | 1763.1 | 1768.9 |
| 62.5° | 1688.0 | 1690.6 | 1688.8 | 1686.7 | 1679.0 | 1674.4 | 1666.4 | 1663.5 | 1660.8 | 1664.5 | 1667.6 |
| 65° | 1569.6 | 1571.9 | 1569.6 | 1568.3 | 1561.4 | 1557.8 | 1551.1 | 1548.8 | 1544.9 | 1546.0 | 1545.3 |
| 67.5° | 1473.5 | 1475.7 | 1474.0 | 1472.2 | 1467.4 | 1465.1 | 1460.2 | 1457.0 | 1452.3 | 1450.6 | 1447.4 |
| 70° | 1377.6 | 1379.4 | 1376.7 | 1374.9 | 1369.5 | 1367.4 | 1362.8 | 1361.8 | 1358.2 | 1357.3 | 1353.7 |
| 72.5° | 1267.4 | 1267.6 | 1263.8 | 1262.7 | 1258.7 | 1258.5 | 1256.5 | 1258.3 | 1258.2 | 1260.1 | 1259.3 |
| 75° | 1154.7 | 1153.1 | 1148.3 | 1147.4 | 1144.4 | 1145.8 | 1143.8 | 1146.5 | 1146.9 | 1151.0 | 1151.4 |
| 77.5° | 1041.7 | 1035.8 | 1026.7 | 1022.4 | 1016.2 | 1015.5 | 1012.0 | 1014.4 | 1013.5 | 1018.4 | 1020.2 |
| 80° | 899.0 | 891.9 | 880.1 | 874.5 | 867.4 | 866.2 | 863.0 | 866.2 | 864.7 | 870.3 | 874.3 |
| 82.5° | 717.7 | 711.5 | 699.4 | 694.9 | 686.6 | 687.4 | 683.8 | 687.4 | 686.9 | 695.2 | 700.0 |
| 85° | 530.9 | 526.8 | 514.3 | 503.3 | 491.0 | 483.7 | 476.7 | 475.4 | 473.4 | 476.7 | 479.6 |
| 87.5° | 306.7 | 302.8 | 293.1 | 286.7 | 265.1 | 266.0 | 257.5 | 257.0 | 255.0 | 253.0 | 257.5 |
| 90° | 41.1 | 46.2 | 44.3 | 48.8 | 47.6 | 53.0 | 52.2 | 57.2 | 55.4 | 60.1 | 59.3 |
| 92.5° | 22.3 | 23.4 | 24.5 | 25.5 | 26.6 | 27.8 | 28.9 | 30.0 | 32.4 | 34.4 | 37.2 |
| 95° | 29.3 | 30.5 | 31.8 | 33.1 | 34.4 | 35.6 | 36.9 | 38.2 | 41.7 | 45.2 | 48.7 |
| 97.5° | 39.9 | 40.6 | 41.5 | 42.3 | 43.1 | 44.1 | 44.9 | 45.7 | 49.7 | 53.5 | 57.2 |
| 100° | 50.1 | 50.8 | 51.4 | 52.2 | 52.8 | 53.5 | 54.2 | 54.9 | 62.4 | 69.7 | 77.0 |
| 102.5° | 76.0 | 79.0 | 81.9 | 84.8 | 87.9 | 90.8 | 93.7 | 96.6 | 113.5 | 130.2 | 146.8 |
| 105° | 137.0 | 145.0 | 153.2 | 161.1 | 169.1 | 177.0 | 185.1 | 193.0 | 220.0 | 246.6 | 273.6 |
| 107.5° | 246.6 | 259.2 | 271.8 | 284.5 | 297.1 | 309.9 | 322.4 | 335.1 | 361.3 | 387.6 | 413.8 |
| 110° | 372.6 | 384.8 | 396.7 | 408.9 | 420.8 | 433.0 | 445.0 | 457.4 | 473.3 | 489.0 | 505.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 463.2 | 469.0 | 475.0 | 481.0 | 487.0 | 493.1 | 499.2 | 505.2 | 513.4 | 521.4 | 529.6 |
| 115° | 491.4 | 491.8 | 492.5 | 492.9 | 493.6 | 494.1 | 495.1 | 495.7 | 498.7 | 501.5 | 504.5 |
| 117.5° | 470.0 | 466.9 | 464.0 | 461.0 | 458.1 | 455.4 | 452.7 | 450.0 | 450.0 | 449.9 | 450.3 |
| 120° | 425.7 | 421.5 | 417.5 | 413.3 | 409.5 | 405.7 | 402.1 | 398.6 | 397.1 | 395.6 | 394.4 |
| 122.5° | 372.4 | 368.3 | 364.4 | 360.5 | 356.8 | 353.3 | 349.8 | 346.4 | 345.7 | 345.2 | 344.5 |
| 125° | 323.1 | 319.9 | 316.7 | 313.7 | 310.9 | 308.2 | 305.6 | 303.1 | 303.9 | 304.6 | 305.8 |
| 127.5° | 284.7 | 282.9 | 281.3 | 279.7 | 278.5 | 277.2 | 276.1 | 274.9 | 277.1 | 279.0 | 281.2 |
| 130° | 260.1 | 259.6 | 259.5 | 259.0 | 259.3 | 259.3 | 259.5 | 259.6 | 262.6 | 265.1 | 268.0 |
| 132.5° | 248.2 | 248.5 | 249.0 | 249.7 | 250.6 | 251.5 | 252.8 | 253.8 | 256.9 | 259.6 | 262.7 |
| 135° | 244.3 | 245.0 | 246.2 | 247.2 | 248.7 | 250.0 | 251.6 | 253.0 | 256.2 | 258.7 | 261.9 |
| 137.5° | 246.3 | 247.2 | 248.5 | 249.7 | 251.4 | 252.7 | 254.5 | 256.1 | 258.6 | 261.0 | 263.6 |
| 140° | 251.5 | 252.1 | 253.4 | 254.5 | 255.8 | 257.0 | 258.9 | 260.2 | 262.5 | 264.5 | 266.5 |
| 142.5° | 257.2 | 257.8 | 258.9 | 259.9 | 261.2 | 262.4 | 263.9 | 265.1 | 266.8 | 268.3 | 270.4 |
| 145° | 264.7 | 265.2 | 266.3 | 267.0 | 268.1 | 269.2 | 270.4 | 271.4 | 272.8 | 273.8 | 275.2 |
| 147.5° | 270.5 | 271.0 | 271.9 | 272.7 | 273.6 | 274.5 | 275.2 | 276.0 | 277.3 | 278.1 | 279.2 |
| 150° | 275.0 | 275.4 | 276.0 | 276.4 | 277.3 | 278.0 | 278.8 | 279.4 | 280.3 | 281.1 | 282.1 |
| 152.5° | 277.4 | 277.5 | 278.1 | 278.6 | 279.3 | 279.9 | 280.4 | 281.1 | 282.0 | 282.6 | 283.5 |
| 155° | 279.8 | 280.4 | 281.1 | 281.5 | 282.4 | 282.7 | 283.5 | 284.0 | 284.8 | 285.4 | 286.2 |
| 157.5° | 283.5 | 283.8 | 284.6 | 285.0 | 285.7 | 286.2 | 286.9 | 287.3 | 288.2 | 288.6 | 289.3 |
| 160° | 286.4 | 287.1 | 287.7 | 288.3 | 289.1 | 289.6 | 290.4 | 291.1 | 291.8 | 292.3 | 292.9 |
| 162.5° | 290.9 | 291.5 | 292.2 | 292.6 | 293.3 | 293.9 | 294.4 | 295.1 | 296.0 | 296.4 | 297.3 |
| 165° | 294.9 | 295.4 | 296.3 | 296.7 | 297.6 | 298.3 | 298.9 | 299.6 | 300.1 | 300.7 | 301.2 |
| 167.5° | 300.2 | 300.5 | 301.5 | 301.9 | 302.7 | 303.3 | 304.0 | 304.6 | 305.2 | 305.5 | 306.1 |
| 170° | 304.5 | 305.0 | 305.6 | 306.0 | 306.6 | 307.1 | 307.8 | 308.2 | 308.9 | 309.3 | 310.1 |
| 172.5° | 309.7 | 310.1 | 310.5 | 310.7 | 311.1 | 311.7 | 312.1 | 312.4 | 312.9 | 313.3 | 313.8 |
| 175° | 314.2 | 314.2 | 314.3 | 314.5 | 314.6 | 314.6 | 314.8 | 315.1 | 315.3 | 315.5 | 315.6 |
| 177.5° | 316.9 | 316.9 | 317.0 | 317.1 | 317.2 | 317.3 | 317.4 | 317.5 | 317.5 | 317.5 | 317.5 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43620.2 | 43622.1 | 43586.9 | 43585.0 | 43552.0 | 43547.9 | 43515.8 | 43506.0 | 43479.9 | 43470.5 | 43443.9 |
| 5° | 44943.6 | 44900.8 | 44801.7 | 44743.5 | 44645.6 | 44580.8 | 44474.9 | 44405.8 | 44303.6 | 44226.4 | 44123.6 |
| 7.5° | 46282.1 | 46215.5 | 46104.3 | 46014.3 | 45878.4 | 45770.0 | 45611.1 | 45481.0 | 45308.8 | 45159.8 | 44979.1 |
| 10° | 46674.6 | 46664.4 | 46636.0 | 46594.8 | 46531.6 | 46460.6 | 46352.4 | 46239.7 | 46088.8 | 45925.0 | 45724.0 |
| 12.5° | 45708.8 | 45813.0 | 45955.3 | 46039.6 | 46142.1 | 46187.1 | 46229.1 | 46218.6 | 46190.9 | 46108.0 | 45991.9 |
| 15° | 43262.0 | 43555.1 | 43943.2 | 44243.9 | 44590.0 | 44841.4 | 45119.1 | 45292.1 | 45464.8 | 45544.4 | 45593.2 |
| 17.5° | 39369.9 | 39924.7 | 40620.6 | 41197.3 | 41862.7 | 42397.0 | 42982.9 | 43423.9 | 43877.4 | 44202.3 | 44496.1 |
| 20° | 34370.4 | 35174.4 | 36158.5 | 37027.9 | 38038.9 | 38917.4 | 39880.1 | 40670.5 | 41485.5 | 42122.9 | 42726.1 |
| 22.5° | 28947.5 | 29902.4 | 31092.3 | 32194.4 | 33497.7 | 34669.0 | 35990.5 | 37140.7 | 38341.6 | 39344.9 | 40314.9 |
| 25° | 23615.2 | 24662.3 | 25963.4 | 27193.1 | 28669.1 | 30031.5 | 31598.7 | 33032.2 | 34584.4 | 35932.0 | 37263.2 |
| 27.5° | 18745.9 | 19774.0 | 21102.2 | 22411.3 | 23972.1 | 25423.8 | 27103.0 | 28682.3 | 30449.6 | 32079.4 | 33746.6 |
| 30° | 14743.9 | 15615.8 | 16806.8 | 18074.7 | 19614.0 | 21091.3 | 22788.8 | 24413.1 | 26251.6 | 28031.1 | 29909.0 |
| 32.5° | 11681.1 | 12345.4 | 13281.7 | 14353.8 | 15774.2 | 17180.5 | 18796.8 | 20364.7 | 22175.3 | 23972.8 | 25925.9 |
| 35° | 9276.9 | 9795.0 | 10509.0 | 11345.6 | 12548.4 | 13760.7 | 15190.3 | 16616.3 | 18305.3 | 20011.1 | 21909.4 |
| 37.5° | 7315.4 | 7735.7 | 8294.8 | 8923.4 | 9888.1 | 10882.9 | 12055.2 | 13237.4 | 14705.1 | 16217.2 | 17937.6 |
| 40° | 5712.5 | 6052.9 | 6488.2 | 6956.9 | 7685.3 | 8451.9 | 9358.5 | 10275.2 | 11454.4 | 12690.1 | 14114.1 |
| 42.5° | 4487.6 | 4738.7 | 5046.2 | 5388.7 | 6068.4 | 6475.4 | 7090.1 | 7753.2 | 8620.1 | 9517.1 | 10587.7 |
| 45° | 3603.9 | 3775.2 | 3988.5 | 4218.2 | 4533.7 | 4878.8 | 5299.9 | 5741.5 | 6564.9 | 6968.9 | 7619.9 |
| 47.5° | 3009.7 | 3124.6 | 3260.3 | 3405.1 | 3591.1 | 3791.9 | 4041.6 | 4296.9 | 4627.1 | 4969.3 | 5370.5 |
| 50° | 2609.4 | 2726.4 | 2772.9 | 2847.9 | 2955.6 | 3070.2 | 3211.0 | 3351.8 | 3528.9 | 3708.4 | 3914.9 |
| 52.5° | 2312.3 | 2350.4 | 2401.1 | 2448.8 | 2515.5 | 2646.1 | 2688.3 | 2761.9 | 2861.2 | 2958.3 | 3066.8 |
| 55° | 2085.5 | 2110.3 | 2143.3 | 2172.0 | 2212.4 | 2250.9 | 2306.6 | 2355.6 | 2421.7 | 2480.3 | 2552.3 |
| 57.5° | 1908.9 | 1924.8 | 1947.6 | 1966.5 | 1992.6 | 2014.3 | 2046.9 | 2073.5 | 2111.6 | 2144.7 | 2188.3 |
| 60° | 1780.7 | 1791.2 | 1806.6 | 1818.9 | 1835.4 | 1846.8 | 1863.0 | 1875.5 | 1895.6 | 1912.4 | 1936.7 |
| 62.5° | 1675.8 | 1681.2 | 1691.3 | 1698.6 | 1709.1 | 1714.9 | 1723.5 | 1728.9 | 1739.9 | 1748.4 | 1762.0 |
| 65° | 1550.1 | 1551.4 | 1558.1 | 1561.2 | 1569.5 | 1572.5 | 1579.5 | 1582.1 | 1591.3 | 1597.4 | 1609.4 |
| 67.5° | 1447.0 | 1444.2 | 1444.3 | 1442.0 | 1443.1 | 1440.7 | 1441.3 | 1438.7 | 1442.5 | 1444.3 | 1453.5 |
| 70° | 1353.0 | 1349.0 | 1347.7 | 1343.4 | 1342.1 | 1337.7 | 1336.4 | 1332.3 | 1331.9 | 1330.6 | 1333.8 |
| 72.5° | 1261.4 | 1260.2 | 1260.5 | 1257.5 | 1257.2 | 1254.2 | 1254.3 | 1252.4 | 1254.5 | 1255.4 | 1259.6 |
| 75° | 1155.9 | 1156.3 | 1158.3 | 1155.6 | 1156.5 | 1153.8 | 1154.8 | 1152.4 | 1153.7 | 1153.2 | 1157.4 |
| 77.5° | 1027.6 | 1030.7 | 1036.3 | 1035.2 | 1036.9 | 1034.0 | 1035.3 | 1032.0 | 1032.9 | 1030.7 | 1032.3 |
| 80° | 883.4 | 889.7 | 897.3 | 897.0 | 900.2 | 898.1 | 900.9 | 897.7 | 899.0 | 895.2 | 894.2 |
| 82.5° | 712.1 | 717.5 | 725.5 | 725.8 | 732.8 | 734.1 | 742.0 | 741.6 | 746.5 | 743.4 | 741.1 |
| 85° | 486.8 | 490.4 | 497.5 | 501.3 | 508.6 | 513.1 | 520.5 | 523.6 | 518.2 | 528.1 | 520.2 |
| 87.5° | 254.2 | 263.7 | 258.3 | 270.6 | 267.8 | 280.2 | 277.5 | 289.1 | 286.9 | 296.7 | 295.4 |
| 90° | 65.7 | 65.5 | 72.2 | 72.6 | 80.9 | 82.2 | 88.3 | 86.5 | 92.6 | 91.1 | 97.0 |
| 92.5° | 39.2 | 41.9 | 44.3 | 46.8 | 49.1 | 51.7 | 49.3 | 47.0 | 44.9 | 42.9 | 40.4 |
| 95° | 52.3 | 55.7 | 59.3 | 62.8 | 66.2 | 69.8 | 66.1 | 62.4 | 58.7 | 54.9 | 51.1 |
| 97.5° | 61.0 | 64.7 | 68.6 | 72.3 | 76.2 | 79.9 | 75.5 | 71.0 | 66.6 | 62.3 | 57.9 |
| 100° | 84.2 | 91.8 | 99.0 | 106.3 | 113.8 | 121.0 | 112.8 | 104.5 | 96.4 | 88.1 | 79.7 |
| 102.5° | 163.8 | 180.6 | 197.4 | 214.3 | 231.0 | 247.7 | 230.3 | 213.0 | 195.3 | 177.9 | 160.2 |
| 105° | 300.5 | 327.4 | 354.2 | 381.0 | 407.9 | 435.1 | 406.7 | 378.2 | 349.8 | 321.6 | 293.0 |
| 107.5° | 440.2 | 466.3 | 492.8 | 519.0 | 545.4 | 571.8 | 543.1 | 514.3 | 485.8 | 456.9 | 428.1 |
| 110° | 521.1 | 536.9 | 552.9 | 569.0 | 585.0 | 601.2 | 580.2 | 559.5 | 538.7 | 517.7 | 496.8 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 537.8 | 546.2 | 554.3 | 562.8 | 571.0 | 579.3 | 564.7 | 550.0 | 535.1 | 520.5 | 505.6 |
| 115° | 507.7 | 510.5 | 513.6 | 516.8 | 519.8 | 522.8 | 513.2 | 503.5 | 493.7 | 484.0 | 473.9 |
| 117.5° | 450.4 | 450.7 | 450.7 | 451.4 | 451.3 | 451.6 | 446.4 | 441.3 | 436.1 | 430.8 | 425.6 |
| 120° | 393.0 | 391.7 | 390.4 | 389.1 | 387.7 | 386.2 | 384.6 | 382.8 | 380.9 | 378.9 | 376.9 |
| 122.5° | 343.9 | 343.6 | 342.9 | 342.3 | 341.5 | 340.9 | 340.6 | 340.5 | 340.1 | 339.9 | 339.4 |
| 125° | 306.6 | 307.5 | 308.4 | 309.3 | 310.1 | 310.9 | 311.1 | 311.4 | 311.5 | 311.9 | 312.0 |
| 127.5° | 282.9 | 285.1 | 286.9 | 288.8 | 290.4 | 292.4 | 292.9 | 293.8 | 294.3 | 295.0 | 295.5 |
| 130° | 270.5 | 273.4 | 276.0 | 278.4 | 280.7 | 283.6 | 284.0 | 284.6 | 285.2 | 285.6 | 286.2 |
| 132.5° | 265.7 | 268.5 | 271.3 | 274.4 | 276.9 | 279.7 | 280.1 | 280.8 | 281.0 | 281.8 | 282.2 |
| 135° | 264.6 | 267.3 | 269.8 | 272.9 | 275.1 | 277.8 | 278.2 | 278.7 | 278.8 | 279.5 | 279.9 |
| 137.5° | 265.7 | 268.3 | 270.5 | 272.8 | 274.7 | 277.1 | 277.3 | 277.8 | 277.9 | 278.6 | 278.8 |
| 140° | 268.3 | 270.5 | 272.2 | 274.2 | 276.0 | 277.9 | 278.0 | 278.3 | 278.3 | 278.6 | 278.6 |
| 142.5° | 271.9 | 273.4 | 274.8 | 276.6 | 277.9 | 279.5 | 279.1 | 279.0 | 279.0 | 278.9 | 278.7 |
| 145° | 276.4 | 277.7 | 278.8 | 280.1 | 280.7 | 282.1 | 281.6 | 281.5 | 280.8 | 280.7 | 280.3 |
| 147.5° | 280.1 | 281.1 | 281.6 | 282.7 | 283.0 | 284.2 | 283.6 | 283.2 | 282.8 | 282.3 | 281.7 |
| 150° | 282.7 | 283.6 | 284.2 | 284.9 | 285.5 | 286.4 | 285.7 | 285.2 | 284.4 | 283.9 | 283.3 |
| 152.5° | 284.2 | 284.8 | 285.5 | 286.0 | 286.6 | 287.1 | 286.4 | 286.1 | 285.3 | 284.5 | 283.8 |
| 155° | 286.5 | 287.3 | 287.6 | 288.3 | 288.4 | 288.9 | 288.2 | 287.9 | 287.2 | 286.7 | 285.9 |
| 157.5° | 289.7 | 290.4 | 290.9 | 291.1 | 291.5 | 292.0 | 291.6 | 291.2 | 290.7 | 290.4 | 289.8 |
| 160° | 293.4 | 293.8 | 294.3 | 294.7 | 295.1 | 295.3 | 294.9 | 295.0 | 294.5 | 294.0 | 293.5 |
| 162.5° | 297.7 | 298.3 | 298.7 | 299.2 | 299.7 | 300.1 | 299.7 | 299.4 | 299.0 | 298.6 | 297.9 |
| 165° | 301.8 | 302.2 | 302.7 | 303.2 | 303.3 | 303.8 | 303.5 | 303.4 | 303.0 | 302.9 | 302.5 |
| 167.5° | 306.5 | 307.2 | 307.4 | 307.9 | 308.1 | 308.4 | 308.1 | 308.2 | 307.7 | 307.5 | 307.1 |
| 170° | 310.3 | 310.6 | 311.3 | 311.6 | 311.9 | 312.1 | 312.1 | 312.0 | 311.6 | 311.4 | 311.1 |
| 172.5° | 314.2 | 314.5 | 314.6 | 315.0 | 315.1 | 315.5 | 315.3 | 315.0 | 314.8 | 314.4 | 314.2 |
| 175° | 315.6 | 315.7 | 316.1 | 316.1 | 316.1 | 316.3 | 316.0 | 315.7 | 315.5 | 315.3 | 315.0 |
| 177.5° | 317.5 | 317.5 | 317.5 | 317.4 | 317.4 | 317.4 | 317.2 | 317.0 | 316.9 | 316.7 | 316.4 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 | 43163.3 |
| 2.5° | 43434.4 | 43415.6 | 43403.4 | 43387.9 | 43378.4 | 43366.5 | 43357.7 | 43350.1 | 43344.1 | 43338.5 | 43334.3 |
| 5° | 44045.2 | 43948.1 | 43872.8 | 43791.2 | 43724.2 | 43657.3 | 43605.8 | 43563.1 | 43533.7 | 43511.6 | 43498.4 |
| 7.5° | 44822.9 | 44645.1 | 44487.1 | 44320.7 | 44171.6 | 44024.9 | 43898.5 | 43789.6 | 43707.9 | 43654.9 | 43622.7 |
| 10° | 45517.2 | 45279.4 | 45044.0 | 44796.4 | 44561.6 | 44333.8 | 44123.6 | 43938.6 | 43792.3 | 43695.0 | 43638.3 |
| 12.5° | 45828.6 | 45625.9 | 45385.6 | 45116.7 | 44828.9 | 44537.8 | 44254.0 | 43998.0 | 43783.1 | 43639.0 | 43555.9 |
| 15° | 45554.4 | 45471.2 | 45308.2 | 45099.4 | 44826.3 | 44525.3 | 44192.0 | 43878.8 | 43590.8 | 43403.9 | 43295.6 |
| 17.5° | 44662.5 | 44778.7 | 44766.2 | 44686.4 | 44490.1 | 44236.7 | 43897.1 | 43545.3 | 43184.9 | 42935.2 | 42798.8 |
| 20° | 43157.5 | 43522.6 | 43707.9 | 43802.9 | 43725.8 | 43561.5 | 43254.0 | 42897.0 | 42476.9 | 42150.9 | 41951.9 |
| 22.5° | 41042.6 | 41687.1 | 42088.8 | 42382.7 | 42445.0 | 42389.0 | 42117.6 | 41778.0 | 41309.7 | 40917.9 | 40623.9 |
| 25° | 38320.0 | 39264.2 | 39899.0 | 40396.6 | 40589.9 | 40639.8 | 40408.8 | 40071.1 | 39549.2 | 39092.6 | 38689.0 |
| 27.5° | 35113.1 | 36340.0 | 37187.6 | 37856.2 | 38158.1 | 38289.0 | 38076.4 | 37731.7 | 37114.2 | 36569.2 | 36042.0 |
| 30° | 31502.8 | 32958.5 | 33978.9 | 34780.7 | 35148.6 | 35321.5 | 35095.6 | 34711.1 | 33992.5 | 33336.6 | 32672.4 |
| 32.5° | 27638.6 | 29231.5 | 30343.4 | 31214.1 | 31578.7 | 31741.4 | 31445.9 | 31014.0 | 30183.5 | 29410.8 | 28636.3 |
| 35° | 23592.8 | 25200.6 | 26322.0 | 27169.5 | 27475.1 | 27573.1 | 27195.3 | 26696.0 | 25775.8 | 24927.9 | 24083.2 |
| 37.5° | 19464.6 | 20960.5 | 21979.7 | 22740.4 | 22929.4 | 22946.3 | 22491.0 | 21939.7 | 20972.5 | 20136.3 | 19295.6 |
| 40° | 15372.2 | 16633.7 | 17456.5 | 18065.4 | 18130.9 | 18072.4 | 17577.5 | 17022.6 | 16117.7 | 15368.6 | 14630.6 |
| 42.5° | 11517.3 | 12469.5 | 13056.6 | 13473.8 | 13449.0 | 13333.3 | 12879.5 | 12402.5 | 11656.1 | 11085.5 | 10504.7 |
| 45° | 8214.7 | 8842.5 | 9185.8 | 9430.0 | 9351.6 | 9241.4 | 8888.2 | 8553.8 | 8046.5 | 7678.0 | 7287.7 |
| 47.5° | 5706.9 | 6456.7 | 6326.2 | 6803.4 | 6392.2 | 6663.8 | 6098.2 | 5786.4 | 5517.1 | 5321.4 | 5100.8 |
| 50° | 4085.6 | 4257.4 | 4340.4 | 4397.1 | 4367.0 | 4325.3 | 4223.6 | 4132.8 | 4009.8 | 3920.2 | 3815.7 |
| 52.5° | 3155.2 | 3241.1 | 3288.1 | 3322.2 | 3315.5 | 3300.4 | 3256.0 | 3215.5 | 3157.9 | 3120.0 | 3074.2 |
| 55° | 2672.6 | 2673.9 | 2760.4 | 2723.3 | 2778.2 | 2713.9 | 2739.1 | 2668.0 | 2679.5 | 2618.4 | 2577.2 |
| 57.5° | 2220.9 | 2256.1 | 2271.9 | 2287.2 | 2282.9 | 2280.2 | 2263.1 | 2254.4 | 2235.1 | 2229.1 | 2215.4 |
| 60° | 1953.6 | 1971.9 | 1975.7 | 1982.8 | 1976.9 | 1974.6 | 1961.2 | 1956.5 | 1943.4 | 1941.1 | 1932.0 |
| 62.5° | 1770.2 | 1779.6 | 1779.6 | 1779.6 | 1772.0 | 1764.6 | 1749.7 | 1741.9 | 1730.9 | 1728.5 | 1723.2 |
| 65° | 1617.2 | 1627.0 | 1628.6 | 1630.8 | 1625.2 | 1619.4 | 1606.3 | 1597.8 | 1586.4 | 1582.1 | 1576.0 |
| 67.5° | 1459.4 | 1469.8 | 1473.3 | 1478.6 | 1475.4 | 1474.2 | 1465.3 | 1461.9 | 1454.4 | 1452.7 | 1447.0 |
| 70° | 1335.4 | 1339.7 | 1339.4 | 1339.2 | 1332.3 | 1326.0 | 1315.6 | 1310.6 | 1302.8 | 1301.2 | 1296.1 |
| 72.5° | 1261.6 | 1264.7 | 1262.8 | 1260.1 | 1250.9 | 1241.7 | 1229.5 | 1220.5 | 1210.3 | 1204.0 | 1196.7 |
| 75° | 1157.8 | 1161.9 | 1159.2 | 1157.6 | 1149.4 | 1143.3 | 1133.5 | 1128.6 | 1121.4 | 1119.3 | 1114.3 |
| 77.5° | 1030.4 | 1032.3 | 1028.1 | 1027.6 | 1021.4 | 1017.5 | 1010.2 | 1008.9 | 1003.7 | 1003.8 | 999.0 |
| 80° | 888.5 | 887.3 | 880.6 | 879.4 | 873.1 | 871.6 | 865.8 | 866.1 | 861.9 | 863.6 | 860.3 |
| 82.5° | 731.1 | 727.1 | 718.3 | 715.7 | 708.5 | 707.9 | 704.0 | 707.2 | 704.7 | 708.5 | 706.3 |
| 85° | 523.9 | 525.0 | 521.2 | 521.2 | 519.1 | 519.8 | 519.4 | 521.8 | 522.1 | 525.6 | 525.5 |
| 87.5° | 292.1 | 296.3 | 295.4 | 299.3 | 299.2 | 303.4 | 304.9 | 311.3 | 312.1 | 318.0 | 318.0 |
| 90° | 95.5 | 102.2 | 100.5 | 107.2 | 106.9 | 113.8 | 114.6 | 121.6 | 121.6 | 127.5 | 126.2 |
| 92.5° | 38.2 | 36.1 | 34.0 | 31.6 | 30.5 | 29.0 | 28.5 | 26.7 | 26.0 | 24.5 | 23.4 |
| 95° | 47.3 | 43.6 | 39.8 | 36.1 | 34.8 | 33.3 | 32.0 | 30.7 | 29.4 | 28.1 | 26.9 |
| 97.5° | 53.4 | 49.0 | 44.5 | 40.1 | 38.9 | 37.8 | 36.5 | 35.4 | 34.3 | 33.2 | 32.0 |
| 100° | 71.5 | 63.2 | 55.1 | 46.6 | 45.7 | 44.7 | 43.8 | 42.9 | 41.8 | 40.7 | 39.8 |
| 102.5° | 142.8 | 125.1 | 107.5 | 89.9 | 86.5 | 83.2 | 79.9 | 76.4 | 73.0 | 69.7 | 66.4 |
| 105° | 264.6 | 236.1 | 207.6 | 179.0 | 169.9 | 160.8 | 151.8 | 142.6 | 133.5 | 124.5 | 115.4 |
| 107.5° | 399.1 | 370.1 | 341.3 | 312.3 | 295.7 | 278.9 | 262.2 | 245.2 | 228.6 | 211.7 | 194.9 |
| 110° | 475.9 | 454.9 | 433.8 | 412.5 | 399.4 | 385.9 | 372.4 | 358.9 | 345.4 | 331.8 | 318.3 |



TEST NUMBER: P1444843
 CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 490.7 | 475.8 | 460.9 | 445.7 | 439.8 | 433.7 | 427.8 | 421.7 | 415.6 | 409.3 | 403.3 |
| 115° | 464.1 | 454.1 | 444.1 | 434.0 | 432.2 | 430.0 | 428.3 | 426.0 | 424.1 | 421.8 | 419.7 |
| 117.5° | 420.3 | 414.9 | 409.4 | 404.0 | 404.5 | 405.2 | 405.8 | 406.3 | 406.7 | 406.9 | 407.3 |
| 120° | 374.9 | 372.9 | 371.1 | 368.9 | 371.3 | 373.3 | 375.6 | 377.5 | 379.6 | 381.2 | 383.1 |
| 122.5° | 339.1 | 338.6 | 338.3 | 337.5 | 340.4 | 343.1 | 345.6 | 348.2 | 350.6 | 352.6 | 354.8 |
| 125° | 312.4 | 312.4 | 312.6 | 312.5 | 315.5 | 318.2 | 320.9 | 323.2 | 325.7 | 327.8 | 330.0 |
| 127.5° | 296.2 | 296.7 | 297.5 | 297.8 | 300.3 | 302.0 | 304.3 | 306.0 | 307.9 | 309.3 | 310.9 |
| 130° | 286.7 | 287.0 | 287.7 | 288.1 | 290.2 | 292.3 | 294.4 | 296.0 | 297.8 | 299.0 | 300.3 |
| 132.5° | 282.8 | 283.1 | 283.6 | 284.0 | 285.8 | 287.3 | 289.2 | 290.2 | 291.6 | 292.4 | 293.4 |
| 135° | 280.4 | 280.5 | 281.1 | 281.3 | 283.0 | 284.7 | 286.2 | 287.3 | 288.7 | 289.4 | 290.2 |
| 137.5° | 279.3 | 279.5 | 279.9 | 280.1 | 281.7 | 283.2 | 284.5 | 285.6 | 286.8 | 287.7 | 288.3 |
| 140° | 279.0 | 278.8 | 279.3 | 279.2 | 280.8 | 282.0 | 283.4 | 284.3 | 285.5 | 286.0 | 286.8 |
| 142.5° | 278.7 | 278.3 | 278.6 | 278.1 | 279.3 | 280.2 | 281.3 | 282.1 | 282.8 | 283.4 | 283.8 |
| 145° | 280.0 | 279.3 | 279.2 | 278.7 | 279.6 | 280.4 | 281.2 | 282.0 | 282.4 | 282.7 | 283.0 |
| 147.5° | 281.5 | 280.8 | 280.2 | 279.7 | 280.7 | 281.2 | 281.7 | 282.0 | 282.7 | 282.8 | 283.0 |
| 150° | 282.7 | 281.8 | 281.1 | 280.3 | 280.9 | 281.3 | 281.5 | 282.1 | 282.3 | 282.4 | 282.6 |
| 152.5° | 283.0 | 282.3 | 281.5 | 280.6 | 280.9 | 281.1 | 281.3 | 281.4 | 281.5 | 281.5 | 281.5 |
| 155° | 285.4 | 284.5 | 283.8 | 282.8 | 283.2 | 283.2 | 283.2 | 283.2 | 283.0 | 282.9 | 282.8 |
| 157.5° | 289.2 | 288.3 | 288.0 | 287.0 | 286.9 | 286.9 | 286.9 | 286.3 | 286.1 | 285.7 | 285.4 |
| 160° | 293.2 | 292.4 | 292.0 | 291.3 | 291.0 | 290.9 | 290.8 | 290.2 | 290.0 | 289.5 | 289.1 |
| 162.5° | 297.4 | 296.8 | 296.0 | 295.3 | 295.1 | 295.0 | 294.8 | 294.2 | 293.9 | 293.4 | 293.0 |
| 165° | 302.1 | 301.6 | 301.2 | 300.4 | 300.2 | 299.9 | 299.7 | 299.1 | 298.8 | 298.1 | 297.7 |
| 167.5° | 306.7 | 306.2 | 305.7 | 304.9 | 304.8 | 304.7 | 304.6 | 304.2 | 303.8 | 303.3 | 303.1 |
| 170° | 310.7 | 310.2 | 310.0 | 309.4 | 309.0 | 308.9 | 308.6 | 308.3 | 307.8 | 307.4 | 307.0 |
| 172.5° | 313.6 | 313.2 | 312.8 | 312.1 | 312.1 | 311.9 | 311.6 | 311.4 | 311.0 | 310.7 | 310.5 |
| 175° | 314.5 | 314.3 | 313.7 | 313.4 | 313.3 | 313.1 | 312.9 | 312.8 | 312.5 | 312.3 | 312.0 |
| 177.5° | 316.2 | 316.0 | 315.5 | 315.3 | 315.2 | 315.2 | 315.0 | 314.8 | 314.8 | 314.7 | 314.5 |
| 180° | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 | 316.0 |



TEST NUMBER: P1444843
CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|---------|---------|
| 0° | 43163.3 | 43163.3 |
| 2.5° | 43330.5 | 43328.2 |
| 5° | 43491.5 | 43489.0 |
| 7.5° | 43614.1 | 43613.3 |
| 10° | 43628.5 | 43636.0 |
| 12.5° | 43541.5 | 43547.5 |
| 15° | 43287.3 | 43299.2 |
| 17.5° | 42801.3 | 42816.8 |
| 20° | 41964.0 | 41980.2 |
| 22.5° | 40608.1 | 40614.9 |
| 25° | 38636.8 | 38608.9 |
| 27.5° | 35949.4 | 35901.2 |
| 30° | 32533.0 | 32486.4 |
| 32.5° | 28459.6 | 28430.6 |
| 35° | 23874.4 | 23856.1 |
| 37.5° | 19047.1 | 19009.7 |
| 40° | 14360.7 | 14251.6 |
| 42.5° | 10250.3 | 10058.8 |
| 45° | 7083.9 | 6856.9 |
| 47.5° | 4945.3 | 4805.0 |
| 50° | 3748.4 | 3703.1 |
| 52.5° | 3054.3 | 3043.7 |
| 55° | 2577.1 | 2572.5 |
| 57.5° | 2218.4 | 2216.9 |
| 60° | 1936.7 | 1936.2 |
| 62.5° | 1726.7 | 1727.5 |
| 65° | 1578.8 | 1579.0 |
| 67.5° | 1448.5 | 1447.6 |
| 70° | 1298.0 | 1296.9 |
| 72.5° | 1194.4 | 1192.6 |
| 75° | 1114.3 | 1113.2 |
| 77.5° | 1000.4 | 998.7 |
| 80° | 862.5 | 860.3 |
| 82.5° | 709.4 | 706.9 |
| 85° | 529.2 | 529.4 |
| 87.5° | 323.7 | 323.7 |
| 90° | 131.9 | 129.8 |
| 92.5° | 22.6 | 21.8 |
| 95° | 25.6 | 24.3 |
| 97.5° | 30.9 | 29.8 |
| 100° | 38.8 | 37.9 |
| 102.5° | 63.1 | 59.7 |
| 105° | 106.3 | 97.3 |
| 107.5° | 178.1 | 161.4 |
| 110° | 304.7 | 291.2 |



TEST NUMBER: P1444843
CATALOG NUMBER: EHBR1-54-UNV-TA-L940-UPL15

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|--------|-------|
| 112.5° | 397.0 | 390.8 |
| 115° | 417.2 | 415.0 |
| 117.5° | 407.4 | 407.6 |
| 120° | 384.5 | 386.2 |
| 122.5° | 356.5 | 358.4 |
| 125° | 331.8 | 333.6 |
| 127.5° | 311.9 | 312.9 |
| 130° | 300.8 | 301.9 |
| 132.5° | 293.7 | 294.0 |
| 135° | 290.5 | 290.8 |
| 137.5° | 288.4 | 288.6 |
| 140° | 286.7 | 286.9 |
| 142.5° | 283.9 | 284.0 |
| 145° | 283.1 | 283.1 |
| 147.5° | 282.6 | 282.6 |
| 150° | 282.3 | 282.1 |
| 152.5° | 281.0 | 280.9 |
| 155° | 282.3 | 282.0 |
| 157.5° | 284.7 | 284.2 |
| 160° | 288.3 | 288.0 |
| 162.5° | 292.3 | 291.9 |
| 165° | 296.8 | 296.2 |
| 167.5° | 302.3 | 302.1 |
| 170° | 306.5 | 306.2 |
| 172.5° | 310.1 | 309.7 |
| 175° | 311.8 | 311.6 |
| 177.5° | 314.5 | 314.2 |
| 180° | 316.0 | 316.0 |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-7

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L940-N

Data in this report applies to families of products including EHBR-60-L940-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-7
 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-L940-N**
 Description: Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3963
 CIE u': 0.2267
 CIE v': 0.5003
 Duv: -0.0016
 CIE x: 0.3810
 CIE y: 0.3738
 CIE z: 0.2453
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 580
 Purity: 26.49712
 Rf: 90.7
 Rg: 101

| | | | |
|-----------|------|------|------|
| CRI (Ra): | 93.4 | | |
| R1: | 95.2 | R9: | 66.4 |
| R2: | 95.1 | R10: | 86.6 |
| R3: | 93.3 | R11: | 94.4 |
| R4: | 94.5 | R12: | 75.4 |
| R5: | 94.2 | R13: | 95.0 |
| R6: | 92.9 | R14: | 95.4 |
| R7: | 94.0 | R15: | 92.8 |
| R8: | 87.7 | | |



Test Conditions

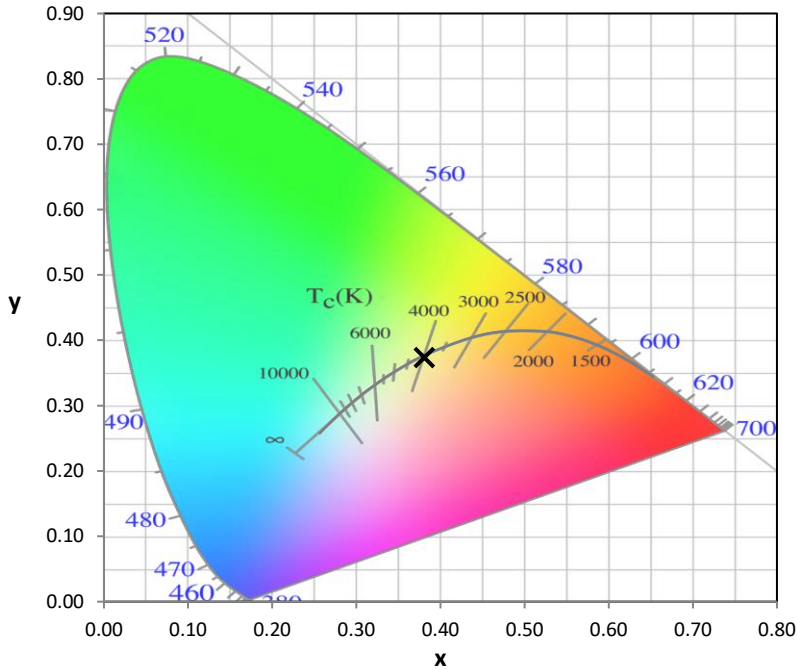
Stabilization Time: 44M
 Operation Time: 1H 44M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-7

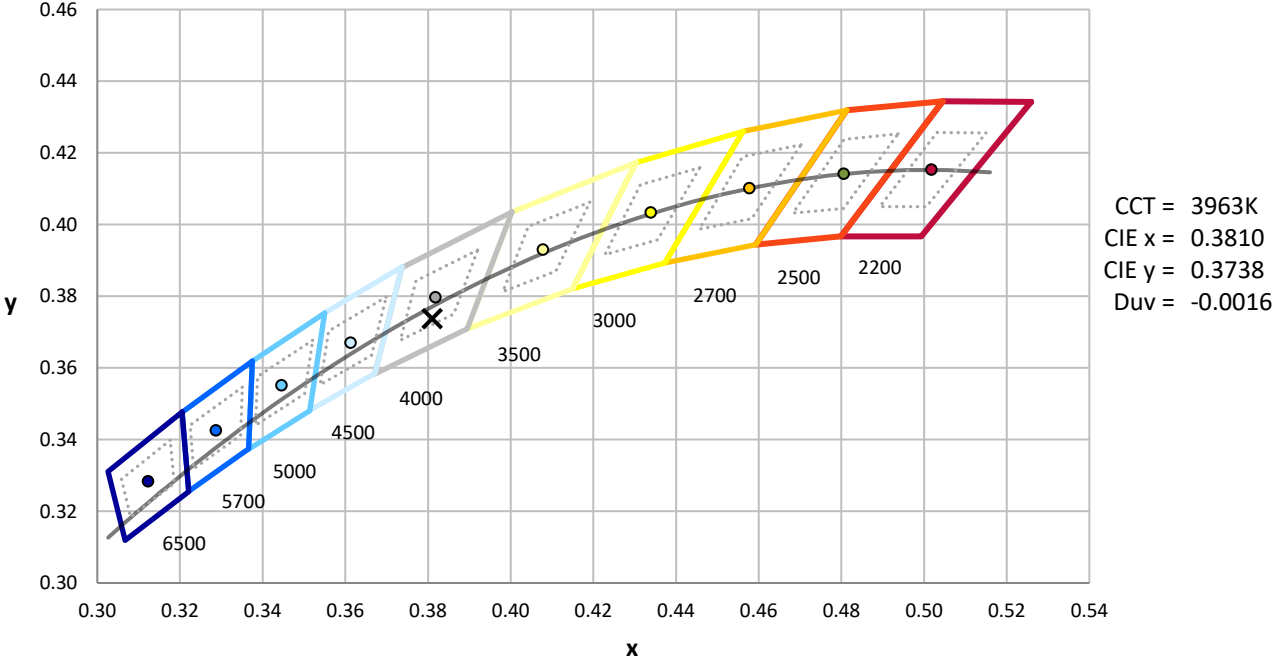
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 6/16/2025 | 12/16/2025 |
| Power Meter | 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: SP1-2506-472-7

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-7

Photopic Flux vs. Wavelength



Photopic Lumens: NR

| λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360 | 0 | NR | 490 | 141 | NR | 620 | 276 | NR | 750 | 5 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 167 | NR | 625 | 279 | NR | 755 | 4 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 193 | NR | 630 | 1000 | NR | 760 | 4 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 215 | NR | 635 | 628 | NR | 765 | 3 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 230 | NR | 640 | 164 | NR | 770 | 3 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 243 | NR | 645 | 161 | NR | 775 | 2 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 251 | NR | 650 | 137 | NR | 780 | 2 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 256 | NR | 655 | 111 | NR | 785 | 2 | NR | 915 | 0 | NR |
| 400 | 3 | NR | 530 | 262 | NR | 660 | 92 | NR | 790 | 1 | NR | 920 | 0 | NR |
| 405 | 4 | NR | 535 | 267 | NR | 665 | 76 | NR | 795 | 1 | NR | 925 | 0 | NR |
| 410 | 6 | NR | 540 | 271 | NR | 670 | 71 | NR | 800 | 1 | NR | 930 | 0 | NR |
| 415 | 11 | NR | 545 | 276 | NR | 675 | 56 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 280 | NR | 680 | 47 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 37 | NR | 555 | 285 | NR | 685 | 40 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 63 | NR | 560 | 290 | NR | 690 | 34 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 108 | NR | 565 | 294 | NR | 695 | 29 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 186 | NR | 570 | 296 | NR | 700 | 25 | NR | 830 | 0 | NR | 960 | 0 | NR |
| 445 | 323 | NR | 575 | 298 | NR | 705 | 21 | NR | 835 | 0 | NR | 965 | 0 | NR |
| 450 | 403 | NR | 580 | 299 | NR | 710 | 18 | NR | 840 | 0 | NR | 970 | 0 | NR |
| 455 | 293 | NR | 585 | 298 | NR | 715 | 15 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 296 | NR | 720 | 13 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 180 | NR | 595 | 288 | NR | 725 | 11 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 132 | NR | 600 | 286 | NR | 730 | 9 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 109 | NR | 605 | 282 | NR | 735 | 8 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 110 | NR | 610 | 311 | NR | 740 | 7 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 121 | NR | 615 | 334 | NR | 745 | 6 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2506-472-7

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.76

| λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360 | 0 | NR | 490 | 141 | NR | 620 | 276 | NR | 750 | 5 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 167 | NR | 625 | 279 | NR | 755 | 4 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 193 | NR | 630 | 1000 | NR | 760 | 4 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 215 | NR | 635 | 628 | NR | 765 | 3 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 230 | NR | 640 | 164 | NR | 770 | 3 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 243 | NR | 645 | 161 | NR | 775 | 2 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 251 | NR | 650 | 137 | NR | 780 | 2 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 256 | NR | 655 | 111 | NR | 785 | 2 | NR | 915 | 0 | NR |
| 400 | 3 | NR | 530 | 262 | NR | 660 | 92 | NR | 790 | 1 | NR | 920 | 0 | NR |
| 405 | 4 | NR | 535 | 267 | NR | 665 | 76 | NR | 795 | 1 | NR | 925 | 0 | NR |
| 410 | 6 | NR | 540 | 271 | NR | 670 | 71 | NR | 800 | 1 | NR | 930 | 0 | NR |
| 415 | 11 | NR | 545 | 276 | NR | 675 | 56 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 280 | NR | 680 | 47 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 37 | NR | 555 | 285 | NR | 685 | 40 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 63 | NR | 560 | 290 | NR | 690 | 34 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 108 | NR | 565 | 294 | NR | 695 | 29 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 186 | NR | 570 | 296 | NR | 700 | 25 | NR | 830 | 0 | NR | 960 | 0 | NR |
| 445 | 323 | NR | 575 | 298 | NR | 705 | 21 | NR | 835 | 0 | NR | 965 | 0 | NR |
| 450 | 403 | NR | 580 | 299 | NR | 710 | 18 | NR | 840 | 0 | NR | 970 | 0 | NR |
| 455 | 293 | NR | 585 | 298 | NR | 715 | 15 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 296 | NR | 720 | 13 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 180 | NR | 595 | 288 | NR | 725 | 11 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 132 | NR | 600 | 286 | NR | 730 | 9 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 109 | NR | 605 | 282 | NR | 735 | 8 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 110 | NR | 610 | 311 | NR | 740 | 7 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 121 | NR | 615 | 334 | NR | 745 | 6 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2506-472-7

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.64

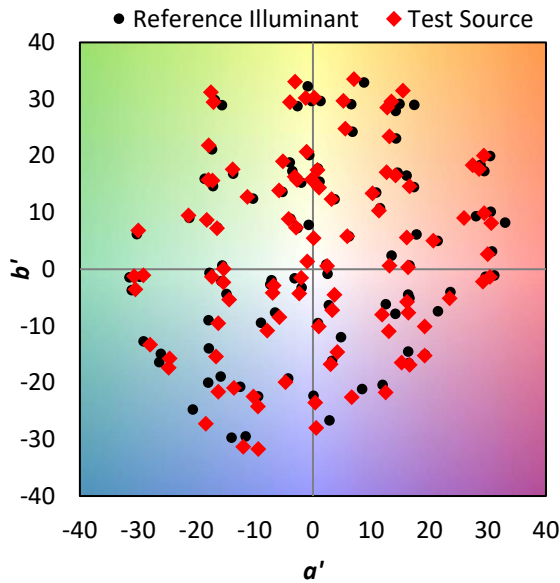
| λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360 | 0 | NR | 490 | 141 | NR | 620 | 276 | NR | 750 | 5 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 167 | NR | 625 | 279 | NR | 755 | 4 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 193 | NR | 630 | 1000 | NR | 760 | 4 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 215 | NR | 635 | 628 | NR | 765 | 3 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 230 | NR | 640 | 164 | NR | 770 | 3 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 243 | NR | 645 | 161 | NR | 775 | 2 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 251 | NR | 650 | 137 | NR | 780 | 2 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 256 | NR | 655 | 111 | NR | 785 | 2 | NR | 915 | 0 | NR |
| 400 | 3 | NR | 530 | 262 | NR | 660 | 92 | NR | 790 | 1 | NR | 920 | 0 | NR |
| 405 | 4 | NR | 535 | 267 | NR | 665 | 76 | NR | 795 | 1 | NR | 925 | 0 | NR |
| 410 | 6 | NR | 540 | 271 | NR | 670 | 71 | NR | 800 | 1 | NR | 930 | 0 | NR |
| 415 | 11 | NR | 545 | 276 | NR | 675 | 56 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 280 | NR | 680 | 47 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 37 | NR | 555 | 285 | NR | 685 | 40 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 63 | NR | 560 | 290 | NR | 690 | 34 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 108 | NR | 565 | 294 | NR | 695 | 29 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 186 | NR | 570 | 296 | NR | 700 | 25 | NR | 830 | 0 | NR | 960 | 0 | NR |
| 445 | 323 | NR | 575 | 298 | NR | 705 | 21 | NR | 835 | 0 | NR | 965 | 0 | NR |
| 450 | 403 | NR | 580 | 299 | NR | 710 | 18 | NR | 840 | 0 | NR | 970 | 0 | NR |
| 455 | 293 | NR | 585 | 298 | NR | 715 | 15 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 296 | NR | 720 | 13 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 180 | NR | 595 | 288 | NR | 725 | 11 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 132 | NR | 600 | 286 | NR | 730 | 9 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 109 | NR | 605 | 282 | NR | 735 | 8 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 110 | NR | 610 | 311 | NR | 740 | 7 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 121 | NR | 615 | 334 | NR | 745 | 6 | NR | 875 | 0 | NR | | | |

Summary

$R_f = 90.7$
 $R_g = 101$
 $CIE R_a = 93.4$
 $R_9 = 66.4$



Color Vector Graphics



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

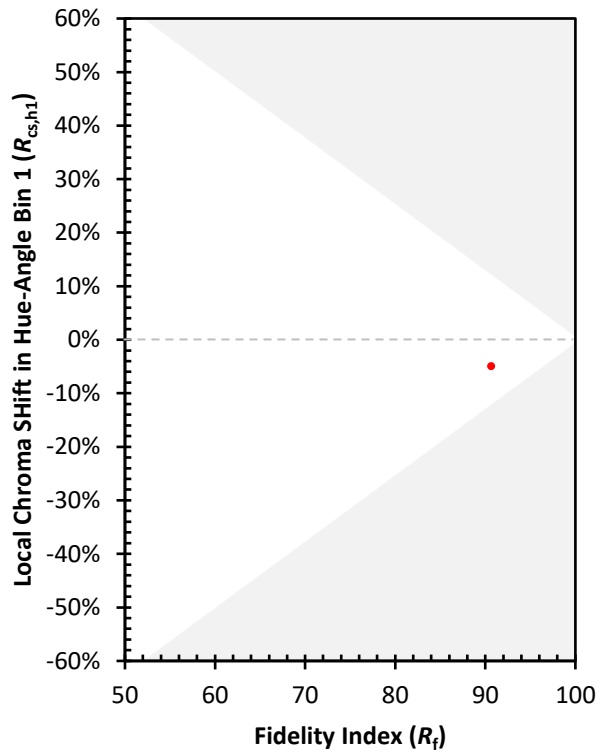
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 90 | CES51 = 99 | CES76 = 83 |
| CES02 = 62 | CES27 = 93 | CES52 = 97 | CES77 = 87 |
| CES03 = 31 | CES28 = 94 | CES53 = 95 | CES78 = 79 |
| CES04 = 69 | CES29 = 91 | CES54 = 96 | CES79 = 94 |
| CES05 = 49 | CES30 = 98 | CES55 = 95 | CES80 = 91 |
| CES06 = 50 | CES31 = 92 | CES56 = 95 | CES81 = 80 |
| CES07 = 42 | CES32 = 84 | CES57 = 94 | CES82 = 96 |
| CES08 = 41 | CES33 = 95 | CES58 = 95 | CES83 = 95 |
| CES09 = 29 | CES34 = 90 | CES59 = 98 | CES84 = 93 |
| CES10 = 74 | CES35 = 94 | CES60 = 93 | CES85 = 82 |
| CES11 = 57 | CES36 = 84 | CES61 = 93 | CES86 = 84 |
| CES12 = 63 | CES37 = 92 | CES62 = 90 | CES87 = 90 |
| CES13 = 43 | CES38 = 93 | CES63 = 92 | CES88 = 97 |
| CES14 = 74 | CES39 = 98 | CES64 = 91 | CES89 = 84 |
| CES15 = 71 | CES40 = 96 | CES65 = 88 | CES90 = 99 |
| CES16 = 47 | CES41 = 98 | CES66 = 88 | CES91 = 74 |
| CES17 = 49 | CES42 = 89 | CES67 = 87 | CES92 = 78 |
| CES18 = 56 | CES43 = 89 | CES68 = 87 | CES93 = 87 |
| CES19 = 71 | CES44 = 99 | CES69 = 88 | CES94 = 75 |
| CES20 = 66 | CES45 = 93 | CES70 = 84 | CES95 = 83 |
| CES21 = 85 | CES46 = 95 | CES71 = 80 | CES96 = 91 |
| CES22 = 78 | CES47 = 92 | CES72 = 93 | CES97 = 93 |
| CES23 = 91 | CES48 = 96 | CES73 = 78 | CES98 = 93 |
| CES24 = 90 | CES49 = 93 | CES74 = 92 | CES99 = 94 |
| CES25 = 71 | CES50 = 99 | CES75 = 81 | |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)