

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: P1444714

Luminaire Tested: EHBR1-12-UNV-TA-L935-UPL12

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444714
REPORT IS A COMBINATION OF REPORTS P1444300 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-12-UNV-TA-L935-UPL12
Description: Elevate Round Highbay at, 12000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

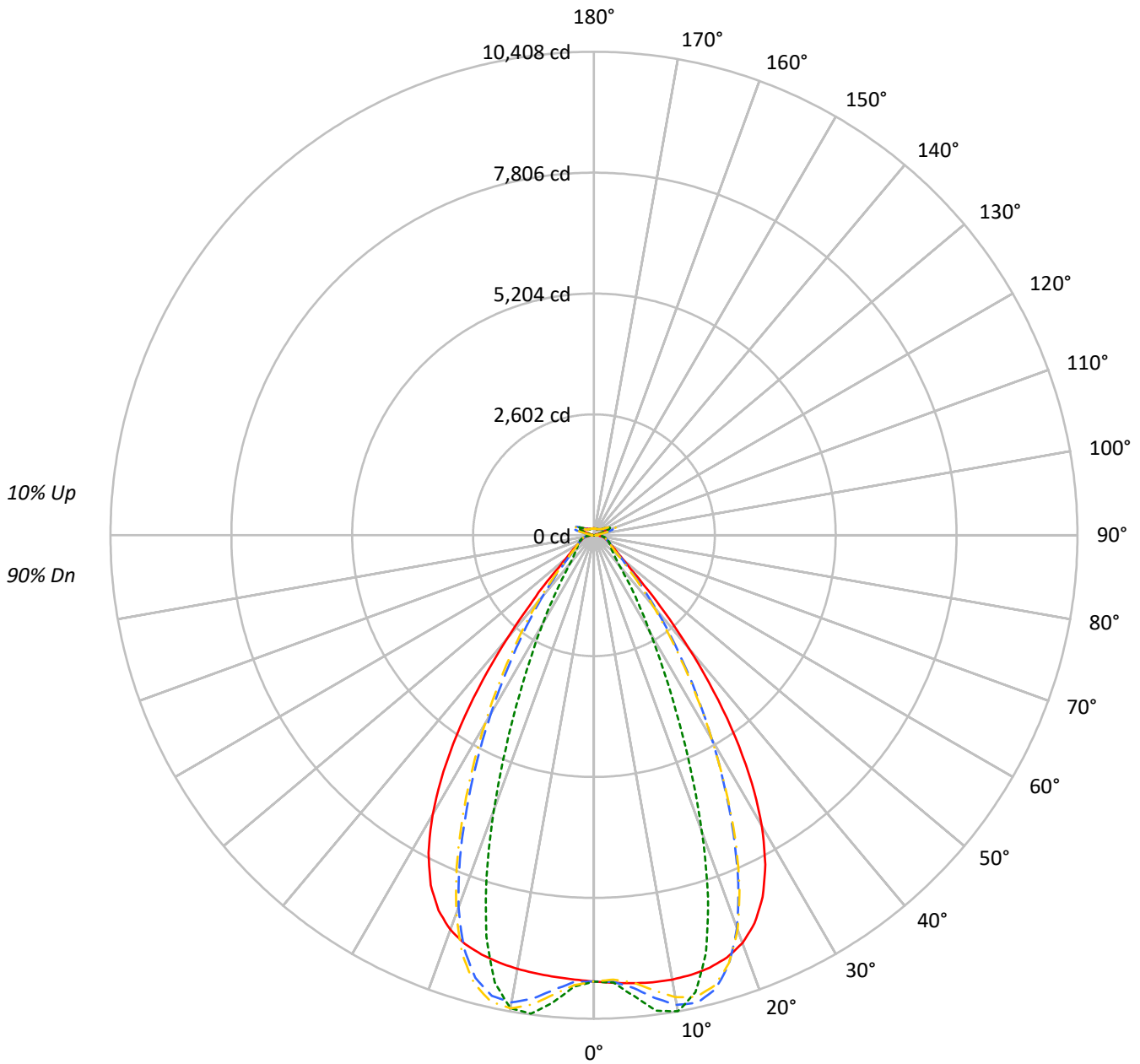
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12218.2 lumens
Efficiency: N/A
Efficacy: 169.5 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): 72.1
Input Voltage (V): NR
Input Current (A_{in}): 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: P1444714
CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444714
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 117 | 117 | 117 | 117 | 113 | 113 | 113 | 113 | 106 | 106 | 106 | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 | 93 | 90 |
| 1 | 110 | 106 | 103 | 100 | 106 | 103 | 100 | 98 | 97 | 95 | 93 | 92 | 90 | 88 | 87 | 86 | 84 | 84 | 84 | 84 | 82 |
| 2 | 103 | 97 | 92 | 88 | 100 | 94 | 90 | 86 | 89 | 86 | 83 | 85 | 82 | 79 | 81 | 78 | 76 | 76 | 76 | 76 | 74 |
| 3 | 96 | 89 | 83 | 78 | 93 | 87 | 81 | 77 | 83 | 78 | 74 | 79 | 75 | 72 | 75 | 72 | 70 | 70 | 70 | 70 | 68 |
| 4 | 91 | 82 | 75 | 70 | 88 | 80 | 74 | 69 | 76 | 71 | 68 | 73 | 69 | 66 | 70 | 67 | 64 | 64 | 64 | 64 | 62 |
| 5 | 85 | 76 | 69 | 64 | 83 | 74 | 68 | 63 | 71 | 66 | 62 | 68 | 64 | 60 | 66 | 62 | 59 | 59 | 59 | 59 | 57 |
| 6 | 80 | 70 | 63 | 59 | 78 | 69 | 63 | 58 | 66 | 61 | 57 | 64 | 59 | 56 | 62 | 58 | 55 | 55 | 55 | 55 | 53 |
| 7 | 76 | 65 | 59 | 54 | 74 | 64 | 58 | 53 | 62 | 57 | 52 | 60 | 55 | 52 | 58 | 54 | 51 | 51 | 51 | 51 | 49 |
| 8 | 72 | 61 | 54 | 50 | 70 | 60 | 54 | 50 | 58 | 53 | 49 | 56 | 52 | 48 | 55 | 50 | 47 | 47 | 47 | 47 | 46 |
| 9 | 68 | 57 | 51 | 46 | 66 | 56 | 50 | 46 | 55 | 49 | 45 | 53 | 48 | 45 | 52 | 47 | 44 | 44 | 44 | 44 | 43 |
| 10 | 65 | 54 | 48 | 43 | 63 | 53 | 47 | 43 | 52 | 46 | 42 | 50 | 45 | 42 | 49 | 44 | 41 | 41 | 41 | 41 | 40 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 45115 | 45115 | 45115 | 45115 |
| 5° | 45333 | 46655 | 44699 | 47267 |
| 10° | 45712 | 48985 | 44616 | 48661 |
| 15° | 45936 | 44404 | 44538 | 42616 |
| 20° | 45461 | 33080 | 43973 | 30607 |
| 25° | 43031 | 20921 | 41609 | 18982 |
| 30° | 37590 | 12572 | 36135 | 11490 |
| 35° | 28930 | 7889 | 27266 | 6988 |
| 40° | 18301 | 4948 | 16744 | 4650 |
| 45° | 9433 | 3855 | 9277 | 3792 |
| 50° | 5530 | 3429 | 5360 | 3376 |
| 55° | 4236 | 3244 | 4080 | 3215 |
| 60° | 3585 | 3314 | 3433 | 3272 |
| 65° | 3368 | 3461 | 3238 | 3343 |
| 70° | 3290 | 3623 | 3126 | 3487 |
| 75° | 3518 | 3843 | 3327 | 3674 |
| 80° | 3640 | 4256 | 3300 | 3885 |
| 85° | 3427 | 4105 | 2770 | 3515 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 14435 cd/sqm



TEST NUMBER: P1444714
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 946.8 | 7.7 |
| 10°-20° | 2663.4 | 21.8 |
| 20°-30° | 3033.4 | 24.8 |
| 30°-40° | 2180.3 | 17.8 |
| 40°-50° | 1005.5 | 8.2 |
| 50°-60° | 481.2 | 3.9 |
| 60°-70° | 351.1 | 2.9 |
| 70°-80° | 266.7 | 2.2 |
| 80°-90° | 123.3 | 1.0 |
| 90°-100° | 32.8 | 0.3 |
| 100°-110° | 193.8 | 1.6 |
| 110°-120° | 358.2 | 2.9 |
| 120°-130° | 217.7 | 1.8 |
| 130°-140° | 138.1 | 1.1 |
| 140°-150° | 101.0 | 0.8 |
| 150°-160° | 69.4 | 0.6 |
| 160°-170° | 41.4 | 0.3 |
| 170°-180° | 14.1 | 0.1 |
| 0°-30° | 6643.6 | 54.4 |
| 0°-40° | 8823.9 | 72.2 |
| 0°-60° | 10310.6 | 84.4 |
| 0°-90° | 11051.7 | 90.5 |
| 90°-120° | 584.8 | 4.8 |
| 90°-150° | 1041.6 | 8.5 |
| 90°-180° | 1167.0 | 9.6 |
| 0°-180° | 12218.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|-------|------|------|
| 0° | 9607 | 9607 | 9607 | 9607 | 9607 | |
| 5° | 9679 | 9962 | 9544 | 10092 | 9679 | 925 |
| 15° | 9637 | 9316 | 9344 | 8941 | 9637 | 2715 |
| 25° | 8593 | 4178 | 8309 | 3791 | 8593 | 3896 |
| 35° | 5310 | 1448 | 5004 | 1282 | 5310 | 3259 |
| 45° | 1526 | 624 | 1501 | 614 | 1526 | 1298 |
| 55° | 572 | 438 | 551 | 434 | 572 | 528 |
| 65° | 352 | 361 | 338 | 349 | 352 | 351 |
| 75° | 248 | 271 | 234 | 259 | 248 | 258 |
| 85° | 118 | 141 | 95 | 121 | 118 | 111 |
| 90° | 34 | 43 | 12 | 14 | 34 | 21 |
| 95° | 15 | 17 | 15 | 17 | 15 | 14 |
| 105° | 69 | 90 | 46 | 90 | 69 | 92 |
| 115° | 312 | 379 | 327 | 380 | 312 | 288 |
| 125° | 233 | 246 | 264 | 246 | 233 | 212 |
| 135° | 180 | 162 | 194 | 163 | 180 | 141 |
| 145° | 158 | 155 | 168 | 156 | 158 | 100 |
| 155° | 146 | 147 | 156 | 148 | 146 | 68 |
| 165° | 144 | 144 | 149 | 145 | 144 | 41 |
| 175° | 146 | 148 | 149 | 148 | 146 | 14 |
| 180° | 148 | 148 | 148 | 148 | 148 | |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9643.6 | 9642.9 | 9642.7 | 9642.1 | 9641.9 | 9641.9 | 9641.5 | 9640.7 | 9640.3 | 9639.2 | 9637.9 |
| 5° | 9679.4 | 9679.0 | 9679.2 | 9679.3 | 9678.6 | 9677.1 | 9674.8 | 9671.9 | 9668.3 | 9664.8 | 9661.8 |
| 7.5° | 9707.1 | 9707.8 | 9708.6 | 9708.4 | 9706.3 | 9702.8 | 9698.0 | 9695.3 | 9696.9 | 9702.2 | 9714.1 |
| 10° | 9712.1 | 9716.3 | 9717.8 | 9717.4 | 9713.2 | 9710.1 | 9711.3 | 9721.5 | 9741.8 | 9768.8 | 9805.8 |
| 12.5° | 9692.5 | 9697.5 | 9697.4 | 9695.6 | 9691.6 | 9695.7 | 9710.5 | 9740.8 | 9784.2 | 9837.5 | 9900.0 |
| 15° | 9637.2 | 9643.7 | 9641.9 | 9639.7 | 9637.0 | 9650.5 | 9680.0 | 9732.6 | 9799.7 | 9874.8 | 9951.8 |
| 17.5° | 9529.8 | 9537.8 | 9533.9 | 9531.4 | 9529.1 | 9554.5 | 9605.2 | 9682.2 | 9766.7 | 9851.7 | 9924.7 |
| 20° | 9343.6 | 9348.9 | 9339.7 | 9335.5 | 9339.1 | 9388.8 | 9463.4 | 9561.9 | 9650.9 | 9731.3 | 9781.1 |
| 22.5° | 9039.7 | 9046.3 | 9029.1 | 9027.1 | 9048.3 | 9124.8 | 9219.1 | 9329.1 | 9412.8 | 9476.6 | 9495.7 |
| 25° | 8593.3 | 8599.7 | 8579.3 | 8591.5 | 8627.6 | 8731.8 | 8844.1 | 8961.8 | 9033.2 | 9080.4 | 9067.4 |
| 27.5° | 7990.6 | 7996.5 | 7977.1 | 8002.1 | 8059.2 | 8196.0 | 8328.3 | 8455.9 | 8519.5 | 8552.6 | 8510.7 |
| 30° | 7230.5 | 7242.8 | 7219.9 | 7254.7 | 7341.8 | 7519.6 | 7671.1 | 7814.2 | 7877.6 | 7902.8 | 7837.6 |
| 32.5° | 6327.8 | 6345.3 | 6320.1 | 6371.9 | 6493.4 | 6706.9 | 6878.9 | 7038.9 | 7109.1 | 7137.8 | 7064.1 |
| 35° | 5309.7 | 5334.7 | 5305.8 | 5383.5 | 5533.4 | 5771.2 | 5961.7 | 6140.3 | 6223.4 | 6264.1 | 6189.9 |
| 37.5° | 4231.0 | 4254.9 | 4239.3 | 4342.9 | 4507.5 | 4754.0 | 4948.5 | 5141.1 | 5235.0 | 5296.0 | 5237.5 |
| 40° | 3172.0 | 3193.9 | 3205.7 | 3324.2 | 3479.1 | 3711.4 | 3898.1 | 4088.7 | 4193.8 | 4270.4 | 4234.4 |
| 42.5° | 2238.8 | 2260.8 | 2301.2 | 2415.5 | 2544.6 | 2736.9 | 2896.9 | 3068.0 | 3168.3 | 3250.2 | 3236.2 |
| 45° | 1526.2 | 1551.7 | 1602.2 | 1695.8 | 1789.3 | 1927.2 | 2044.7 | 2177.8 | 2259.8 | 2334.7 | 2335.6 |
| 47.5° | 1069.5 | 1087.4 | 1132.5 | 1196.4 | 1257.4 | 1430.1 | 1437.2 | 1502.6 | 1557.6 | 1613.7 | 1621.0 |
| 50° | 824.2 | 835.0 | 858.9 | 894.6 | 929.1 | 973.9 | 1015.0 | 1062.4 | 1096.3 | 1127.0 | 1134.4 |
| 52.5° | 677.5 | 684.3 | 696.5 | 715.8 | 735.8 | 760.2 | 782.2 | 808.2 | 826.7 | 843.1 | 846.5 |
| 55° | 572.5 | 578.2 | 596.4 | 600.1 | 622.9 | 627.4 | 637.1 | 652.9 | 663.7 | 673.5 | 676.0 |
| 57.5° | 493.4 | 497.6 | 501.4 | 509.6 | 516.7 | 526.9 | 535.2 | 546.5 | 553.3 | 560.4 | 561.0 |
| 60° | 431.0 | 434.0 | 436.7 | 442.4 | 447.2 | 454.3 | 460.1 | 467.8 | 472.6 | 477.9 | 478.5 |
| 62.5° | 384.5 | 386.6 | 388.5 | 392.3 | 395.6 | 401.1 | 405.7 | 412.1 | 416.6 | 420.7 | 421.6 |
| 65° | 351.5 | 353.0 | 354.2 | 357.0 | 360.0 | 364.7 | 368.8 | 374.0 | 377.4 | 380.6 | 381.2 |
| 67.5° | 322.2 | 323.7 | 324.9 | 327.5 | 329.5 | 333.1 | 335.8 | 339.8 | 342.2 | 344.8 | 344.9 |
| 70° | 288.7 | 290.0 | 290.9 | 293.4 | 295.0 | 298.0 | 300.3 | 303.8 | 306.3 | 309.1 | 309.9 |
| 72.5° | 265.5 | 266.3 | 267.5 | 269.7 | 272.0 | 275.3 | 278.2 | 281.9 | 284.9 | 287.9 | 289.1 |
| 75° | 247.8 | 248.7 | 249.5 | 251.4 | 253.0 | 255.8 | 257.9 | 261.3 | 264.0 | 267.2 | 268.7 |
| 77.5° | 222.3 | 223.4 | 224.1 | 225.9 | 227.4 | 229.9 | 231.6 | 234.6 | 236.8 | 239.7 | 241.1 |
| 80° | 191.5 | 192.5 | 193.0 | 194.8 | 195.9 | 198.3 | 199.8 | 202.8 | 204.6 | 207.5 | 209.2 |
| 82.5° | 157.3 | 158.3 | 158.6 | 160.3 | 160.9 | 162.9 | 164.0 | 167.0 | 169.3 | 173.0 | 175.6 |
| 85° | 117.8 | 118.2 | 118.7 | 118.3 | 120.7 | 120.8 | 123.5 | 124.1 | 127.6 | 128.5 | 132.6 |
| 87.5° | 72.1 | 73.1 | 73.6 | 75.2 | 76.0 | 77.6 | 78.1 | 79.8 | 80.8 | 82.8 | 83.7 |
| 90° | 34.5 | 36.5 | 37.3 | 39.5 | 40.3 | 42.3 | 43.1 | 45.2 | 46.0 | 48.3 | 49.7 |
| 92.5° | 13.2 | 14.1 | 14.9 | 15.9 | 16.8 | 17.9 | 18.9 | 19.8 | 20.7 | 21.8 | 23.6 |
| 95° | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.1 | 21.1 | 22.1 | 23.1 | 24.1 | 27.1 |
| 97.5° | 18.9 | 19.8 | 20.6 | 21.5 | 22.4 | 23.2 | 24.1 | 25.0 | 25.8 | 26.7 | 30.3 |
| 100° | 24.6 | 25.3 | 26.0 | 26.8 | 27.6 | 28.3 | 29.0 | 29.8 | 30.5 | 31.3 | 37.8 |
| 102.5° | 40.8 | 43.4 | 46.0 | 48.7 | 51.3 | 54.0 | 56.6 | 59.3 | 61.9 | 64.5 | 78.4 |
| 105° | 69.3 | 76.4 | 83.7 | 90.7 | 97.9 | 105.1 | 112.3 | 119.4 | 126.5 | 133.7 | 156.3 |
| 107.5° | 118.5 | 131.7 | 145.0 | 158.2 | 171.5 | 184.8 | 198.0 | 211.3 | 224.5 | 237.7 | 260.7 |
| 110° | 219.2 | 229.8 | 240.5 | 251.1 | 261.8 | 272.4 | 283.1 | 293.7 | 304.3 | 315.0 | 331.7 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 295.6 | 300.4 | 305.3 | 310.1 | 314.9 | 319.7 | 324.5 | 329.3 | 334.1 | 338.9 | 350.8 |
| 115° | 312.0 | 313.6 | 315.3 | 316.9 | 318.7 | 320.4 | 322.0 | 323.7 | 325.4 | 326.9 | 335.0 |
| 117.5° | 302.8 | 302.4 | 302.3 | 301.9 | 301.5 | 301.3 | 301.0 | 300.5 | 300.3 | 299.9 | 304.5 |
| 120° | 282.3 | 280.9 | 279.4 | 277.9 | 276.4 | 274.9 | 273.4 | 271.9 | 270.4 | 268.7 | 270.7 |
| 122.5° | 256.4 | 254.7 | 253.0 | 251.1 | 249.3 | 247.6 | 245.8 | 243.9 | 242.1 | 240.3 | 241.0 |
| 125° | 232.6 | 230.8 | 229.0 | 227.2 | 225.3 | 223.6 | 221.8 | 219.9 | 218.0 | 216.1 | 216.5 |
| 127.5° | 211.8 | 210.5 | 209.4 | 208.0 | 206.7 | 205.4 | 204.0 | 202.7 | 201.4 | 199.9 | 200.0 |
| 130° | 198.4 | 197.3 | 196.1 | 195.0 | 193.8 | 192.6 | 191.3 | 190.1 | 188.9 | 187.6 | 187.8 |
| 132.5° | 187.4 | 186.7 | 185.9 | 185.1 | 184.2 | 183.2 | 182.4 | 181.4 | 180.5 | 179.5 | 179.7 |
| 135° | 180.2 | 179.5 | 178.7 | 177.9 | 177.1 | 176.3 | 175.4 | 174.5 | 173.7 | 172.7 | 173.0 |
| 137.5° | 174.0 | 173.4 | 172.7 | 171.9 | 171.2 | 170.4 | 169.7 | 168.8 | 167.9 | 167.1 | 167.4 |
| 140° | 168.4 | 167.9 | 167.1 | 166.5 | 165.8 | 165.1 | 164.3 | 163.6 | 162.8 | 162.1 | 162.4 |
| 142.5° | 162.1 | 161.6 | 161.1 | 160.5 | 160.1 | 159.4 | 158.8 | 158.2 | 157.5 | 156.9 | 157.4 |
| 145° | 157.9 | 157.5 | 157.2 | 156.6 | 156.2 | 155.6 | 155.2 | 154.5 | 154.0 | 153.5 | 154.1 |
| 147.5° | 154.3 | 154.0 | 153.7 | 153.3 | 153.0 | 152.4 | 152.1 | 151.5 | 151.2 | 150.6 | 151.2 |
| 150° | 151.2 | 150.8 | 150.6 | 150.2 | 149.8 | 149.4 | 149.0 | 148.5 | 148.2 | 147.6 | 148.3 |
| 152.5° | 147.8 | 147.5 | 147.3 | 146.8 | 146.6 | 146.1 | 145.8 | 145.3 | 144.9 | 144.5 | 144.9 |
| 155° | 145.8 | 145.6 | 145.2 | 144.9 | 144.6 | 144.2 | 143.7 | 143.5 | 143.0 | 142.7 | 143.1 |
| 157.5° | 144.6 | 144.3 | 144.1 | 143.8 | 143.6 | 143.2 | 142.9 | 142.7 | 142.4 | 142.1 | 142.3 |
| 160° | 144.1 | 143.8 | 143.6 | 143.4 | 143.0 | 142.7 | 142.5 | 142.2 | 141.9 | 141.7 | 141.9 |
| 162.5° | 143.7 | 143.4 | 143.1 | 142.9 | 142.7 | 142.3 | 142.0 | 141.8 | 141.6 | 141.2 | 141.5 |
| 165° | 143.7 | 143.6 | 143.4 | 143.2 | 143.0 | 142.8 | 142.7 | 142.5 | 142.3 | 142.1 | 142.3 |
| 167.5° | 145.0 | 144.7 | 144.7 | 144.4 | 144.1 | 144.0 | 143.7 | 143.5 | 143.4 | 143.0 | 143.3 |
| 170° | 145.6 | 145.4 | 145.3 | 145.2 | 145.0 | 144.9 | 144.8 | 144.7 | 144.5 | 144.4 | 144.6 |
| 172.5° | 146.4 | 146.2 | 146.1 | 146.1 | 145.9 | 145.8 | 145.7 | 145.6 | 145.6 | 145.5 | 145.6 |
| 175° | 146.4 | 146.2 | 146.2 | 146.1 | 146.0 | 146.0 | 145.9 | 145.8 | 145.8 | 145.7 | 145.8 |
| 177.5° | 147.4 | 147.3 | 147.3 | 147.3 | 147.3 | 147.3 | 147.2 | 147.1 | 147.1 | 147.1 | 147.2 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9637.0 | 9635.8 | 9634.2 | 9632.2 | 9630.5 | 9628.4 | 9623.6 | 9622.1 | 9623.8 | 9624.9 | 9627.0 |
| 5° | 9659.8 | 9660.6 | 9660.8 | 9665.2 | 9669.0 | 9678.4 | 9752.3 | 9781.6 | 9804.4 | 9818.8 | 9840.7 |
| 7.5° | 9728.9 | 9751.1 | 9773.1 | 9802.7 | 9828.1 | 9862.6 | 9991.9 | 10046.9 | 10086.1 | 10114.2 | 10148.8 |
| 10° | 9845.9 | 9894.4 | 9939.9 | 9993.1 | 10039.0 | 10091.3 | 10211.7 | 10265.4 | 10299.3 | 10323.9 | 10346.8 |
| 12.5° | 9963.7 | 10031.0 | 10091.8 | 10151.1 | 10200.6 | 10246.1 | 10288.5 | 10307.2 | 10308.8 | 10309.6 | 10297.3 |
| 15° | 10025.2 | 10089.4 | 10143.0 | 10182.2 | 10211.3 | 10224.2 | 10151.3 | 10113.1 | 10064.8 | 10025.0 | 9959.5 |
| 17.5° | 9986.4 | 10025.0 | 10048.1 | 10045.8 | 10033.8 | 9993.5 | 9787.1 | 9673.5 | 9560.8 | 9459.2 | 9326.0 |
| 20° | 9814.2 | 9811.2 | 9791.1 | 9734.1 | 9665.5 | 9558.6 | 9204.7 | 9000.5 | 8803.1 | 8629.7 | 8419.3 |
| 22.5° | 9493.8 | 9443.4 | 9373.1 | 9250.2 | 9113.6 | 8927.1 | 8419.9 | 8119.4 | 7844.6 | 7601.8 | 7329.8 |
| 25° | 9029.6 | 8925.8 | 8796.2 | 8601.1 | 8388.9 | 8116.7 | 7491.6 | 7118.0 | 6788.0 | 6501.8 | 6188.1 |
| 27.5° | 8435.4 | 8279.1 | 8089.2 | 7819.1 | 7531.7 | 7183.0 | 6490.0 | 6077.7 | 5723.4 | 5416.6 | 5082.6 |
| 30° | 7732.0 | 7528.8 | 7283.5 | 6948.3 | 6601.5 | 6206.1 | 5503.2 | 5085.6 | 4727.1 | 4411.4 | 4077.1 |
| 32.5° | 6937.1 | 6699.1 | 6411.6 | 6035.4 | 5660.5 | 5253.9 | 4575.1 | 4170.8 | 3828.3 | 3524.6 | 3222.1 |
| 35° | 6060.4 | 5805.1 | 5501.1 | 5117.3 | 4744.5 | 4349.3 | 3726.4 | 3361.9 | 3059.5 | 2791.0 | 2546.8 |
| 37.5° | 5119.9 | 4869.3 | 4580.2 | 4218.6 | 3873.0 | 3514.7 | 2977.3 | 2671.9 | 2418.1 | 2195.3 | 2006.7 |
| 40° | 4142.1 | 3922.9 | 3672.7 | 3360.0 | 3065.1 | 2766.8 | 2325.5 | 2083.1 | 1882.8 | 1713.0 | 1571.6 |
| 42.5° | 3176.2 | 3006.3 | 2814.5 | 2567.4 | 2341.8 | 2114.6 | 1775.0 | 1595.4 | 1447.0 | 1324.7 | 1224.8 |
| 45° | 2304.5 | 2190.8 | 2062.2 | 1890.4 | 1734.3 | 1575.7 | 1334.1 | 1207.9 | 1111.3 | 1032.4 | 965.7 |
| 47.5° | 1611.0 | 1545.0 | 1541.0 | 1382.2 | 1267.8 | 1170.9 | 1015.2 | 935.4 | 876.2 | 828.5 | 786.2 |
| 50° | 1131.4 | 1099.5 | 1059.8 | 1003.1 | 950.0 | 895.3 | 800.4 | 752.2 | 717.5 | 688.5 | 661.9 |
| 52.5° | 845.8 | 829.2 | 808.1 | 778.0 | 749.3 | 718.4 | 658.4 | 627.7 | 616.8 | 589.8 | 568.7 |
| 55° | 675.5 | 666.1 | 654.0 | 636.3 | 618.8 | 611.9 | 560.4 | 537.6 | 523.1 | 512.5 | 501.2 |
| 57.5° | 561.1 | 554.0 | 546.9 | 534.9 | 524.8 | 512.5 | 485.2 | 473.6 | 464.9 | 458.7 | 450.8 |
| 60° | 478.6 | 474.4 | 470.4 | 463.4 | 457.9 | 451.3 | 434.0 | 427.3 | 422.9 | 419.1 | 414.1 |
| 62.5° | 422.4 | 420.3 | 418.2 | 414.5 | 411.7 | 408.1 | 396.2 | 393.1 | 390.8 | 388.9 | 385.9 |
| 65° | 381.9 | 380.3 | 379.2 | 376.7 | 375.3 | 373.2 | 363.0 | 360.9 | 359.5 | 358.8 | 357.0 |
| 67.5° | 345.0 | 343.4 | 342.7 | 340.9 | 340.3 | 339.0 | 330.6 | 329.5 | 329.0 | 329.3 | 328.6 |
| 70° | 310.6 | 309.9 | 310.2 | 310.0 | 310.8 | 311.0 | 306.0 | 305.9 | 306.4 | 307.5 | 307.6 |
| 72.5° | 289.9 | 289.9 | 290.3 | 290.5 | 291.2 | 291.6 | 287.4 | 287.2 | 287.4 | 288.2 | 288.2 |
| 75° | 270.3 | 270.6 | 271.6 | 272.0 | 272.9 | 273.1 | 267.5 | 266.9 | 266.9 | 267.6 | 267.5 |
| 77.5° | 243.1 | 244.3 | 246.2 | 247.3 | 249.1 | 249.3 | 243.2 | 242.4 | 242.4 | 243.2 | 242.5 |
| 80° | 212.2 | 214.4 | 217.7 | 220.0 | 222.6 | 223.6 | 217.2 | 215.7 | 214.3 | 214.1 | 212.8 |
| 82.5° | 179.5 | 182.2 | 186.1 | 188.1 | 190.9 | 191.5 | 180.8 | 178.7 | 177.5 | 177.6 | 176.5 |
| 85° | 136.9 | 139.0 | 142.6 | 143.7 | 145.5 | 145.3 | 133.0 | 127.8 | 129.2 | 127.1 | 128.8 |
| 87.5° | 85.9 | 87.1 | 89.4 | 89.6 | 90.5 | 90.3 | 77.9 | 75.5 | 74.8 | 74.9 | 74.0 |
| 90° | 52.3 | 53.8 | 56.4 | 57.1 | 59.0 | 59.5 | 50.2 | 49.7 | 48.2 | 48.1 | 46.4 |
| 92.5° | 25.5 | 27.2 | 29.1 | 30.9 | 32.8 | 34.6 | 35.3 | 36.8 | 35.0 | 33.0 | 31.3 |
| 95° | 30.1 | 33.1 | 36.1 | 39.0 | 42.0 | 45.0 | 47.9 | 50.9 | 48.1 | 45.3 | 42.5 |
| 97.5° | 33.8 | 37.3 | 40.9 | 44.3 | 47.9 | 51.4 | 54.9 | 58.5 | 55.5 | 52.4 | 49.4 |
| 100° | 44.4 | 50.9 | 57.5 | 64.0 | 70.6 | 77.1 | 83.7 | 90.3 | 84.6 | 78.7 | 73.0 |
| 102.5° | 92.4 | 106.2 | 120.2 | 134.0 | 148.0 | 161.9 | 175.8 | 189.8 | 176.6 | 163.3 | 150.1 |
| 105° | 178.8 | 201.4 | 224.0 | 246.4 | 268.9 | 291.6 | 314.2 | 336.7 | 315.6 | 294.4 | 273.3 |
| 107.5° | 283.5 | 306.3 | 329.2 | 351.9 | 374.9 | 397.7 | 420.7 | 443.6 | 423.0 | 402.3 | 381.8 |
| 110° | 348.4 | 365.1 | 381.7 | 398.5 | 415.2 | 431.9 | 448.8 | 465.5 | 453.1 | 440.7 | 428.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.7 | 374.8 | 386.7 | 398.5 | 410.4 | 422.3 | 434.7 | 446.6 | 440.5 | 434.2 | 428.0 |
| 115° | 343.1 | 351.2 | 359.2 | 367.2 | 375.3 | 383.3 | 391.7 | 399.9 | 397.9 | 395.9 | 393.9 |
| 117.5° | 309.0 | 313.5 | 318.0 | 322.6 | 326.9 | 331.4 | 336.4 | 341.1 | 341.4 | 341.8 | 342.1 |
| 120° | 272.6 | 274.5 | 276.4 | 278.4 | 280.2 | 282.1 | 284.6 | 286.6 | 288.3 | 289.9 | 291.7 |
| 122.5° | 241.7 | 242.4 | 243.2 | 243.9 | 244.6 | 245.3 | 246.7 | 247.6 | 248.7 | 249.9 | 251.1 |
| 125° | 216.9 | 217.2 | 217.6 | 218.0 | 218.2 | 218.6 | 219.8 | 220.2 | 220.4 | 220.3 | 220.5 |
| 127.5° | 200.1 | 200.2 | 200.2 | 200.4 | 200.4 | 200.4 | 201.3 | 201.6 | 200.9 | 200.2 | 199.5 |
| 130° | 188.0 | 188.2 | 188.3 | 188.5 | 188.7 | 188.9 | 190.0 | 190.3 | 189.2 | 187.8 | 186.6 |
| 132.5° | 180.0 | 180.3 | 180.5 | 180.7 | 180.9 | 181.2 | 182.4 | 182.8 | 181.4 | 180.0 | 178.5 |
| 135° | 173.3 | 173.6 | 173.8 | 174.2 | 174.5 | 174.8 | 176.2 | 176.7 | 175.4 | 173.9 | 172.6 |
| 137.5° | 167.6 | 167.9 | 168.3 | 168.6 | 168.8 | 169.2 | 170.7 | 171.3 | 170.2 | 169.0 | 167.9 |
| 140° | 162.8 | 163.1 | 163.5 | 164.0 | 164.3 | 164.8 | 166.4 | 167.0 | 166.2 | 165.3 | 164.4 |
| 142.5° | 157.9 | 158.4 | 159.0 | 159.6 | 160.1 | 160.7 | 162.6 | 163.4 | 162.8 | 162.1 | 161.5 |
| 145° | 154.6 | 155.3 | 155.9 | 156.6 | 157.2 | 157.9 | 160.0 | 161.0 | 160.6 | 160.1 | 159.7 |
| 147.5° | 151.7 | 152.3 | 152.8 | 153.4 | 154.1 | 154.8 | 156.9 | 157.9 | 157.6 | 157.3 | 157.2 |
| 150° | 148.7 | 149.4 | 149.9 | 150.5 | 151.3 | 151.9 | 154.3 | 155.4 | 155.2 | 155.0 | 154.8 |
| 152.5° | 145.5 | 146.0 | 146.6 | 147.1 | 147.6 | 148.4 | 151.2 | 152.3 | 152.0 | 151.7 | 151.6 |
| 155° | 143.4 | 143.8 | 144.3 | 144.7 | 145.1 | 145.6 | 148.5 | 149.6 | 149.5 | 149.5 | 149.3 |
| 157.5° | 142.7 | 142.9 | 143.1 | 143.6 | 143.8 | 144.2 | 147.3 | 148.3 | 148.2 | 148.0 | 147.9 |
| 160° | 142.0 | 142.3 | 142.5 | 142.7 | 142.9 | 143.3 | 146.4 | 147.4 | 147.3 | 147.1 | 147.0 |
| 162.5° | 141.7 | 142.2 | 142.4 | 142.7 | 143.0 | 143.4 | 146.6 | 147.6 | 147.4 | 147.2 | 147.1 |
| 165° | 142.5 | 142.6 | 142.7 | 143.0 | 143.2 | 143.4 | 146.3 | 147.2 | 147.1 | 147.0 | 146.9 |
| 167.5° | 143.4 | 143.7 | 143.8 | 143.9 | 144.2 | 144.5 | 147.1 | 148.0 | 147.9 | 147.8 | 147.7 |
| 170° | 144.7 | 144.8 | 145.0 | 145.2 | 145.4 | 145.6 | 147.9 | 148.5 | 148.5 | 148.3 | 148.2 |
| 172.5° | 145.8 | 146.1 | 146.3 | 146.5 | 146.6 | 146.9 | 148.8 | 149.5 | 149.4 | 149.3 | 149.1 |
| 175° | 146.0 | 146.2 | 146.4 | 146.6 | 146.6 | 146.9 | 148.5 | 148.9 | 148.8 | 148.8 | 148.7 |
| 177.5° | 147.4 | 147.4 | 147.6 | 147.6 | 147.8 | 147.9 | 148.9 | 149.2 | 149.2 | 149.2 | 149.1 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9627.6 | 9630.9 | 9631.5 | 9635.4 | 9635.1 | 9639.7 | 9639.0 | 9642.9 | 9640.6 | 9643.8 | 9641.1 |
| 5° | 9853.7 | 9874.2 | 9884.9 | 9904.9 | 9911.3 | 9929.1 | 9934.2 | 9950.6 | 9951.2 | 9964.2 | 9961.2 |
| 7.5° | 10173.4 | 10203.6 | 10221.6 | 10246.3 | 10258.8 | 10279.4 | 10288.5 | 10303.8 | 10308.7 | 10320.7 | 10321.7 |
| 10° | 10364.2 | 10378.9 | 10389.2 | 10396.1 | 10402.4 | 10405.4 | 10408.8 | 10407.9 | 10408.8 | 10407.5 | 10410.5 |
| 12.5° | 10289.2 | 10267.7 | 10253.6 | 10226.7 | 10211.2 | 10181.5 | 10166.9 | 10138.5 | 10128.0 | 10103.6 | 10100.0 |
| 15° | 9908.9 | 9834.2 | 9781.5 | 9704.7 | 9656.4 | 9580.9 | 9536.8 | 9468.6 | 9437.5 | 9383.3 | 9369.1 |
| 17.5° | 9215.7 | 9077.1 | 8969.8 | 8832.2 | 8736.7 | 8608.0 | 8527.1 | 8420.6 | 8362.2 | 8276.4 | 8246.7 |
| 20° | 8244.0 | 8038.9 | 7877.9 | 7686.1 | 7548.9 | 7378.0 | 7268.5 | 7130.5 | 7050.3 | 6944.8 | 6902.1 |
| 22.5° | 7103.1 | 6847.7 | 6646.7 | 6420.2 | 6254.6 | 6064.1 | 5932.9 | 5783.6 | 5696.4 | 5581.8 | 5531.1 |
| 25° | 5927.2 | 5645.5 | 5422.0 | 5183.4 | 5008.5 | 4817.5 | 4686.4 | 4539.6 | 4449.4 | 4340.6 | 4290.2 |
| 27.5° | 4802.5 | 4517.4 | 4301.4 | 4079.6 | 3919.1 | 3746.8 | 3628.5 | 3500.3 | 3420.3 | 3327.4 | 3280.0 |
| 30° | 3810.1 | 3558.6 | 3374.8 | 3190.7 | 3057.2 | 2917.3 | 2818.9 | 2712.7 | 2642.5 | 2563.0 | 2517.8 |
| 32.5° | 3001.5 | 2807.4 | 2663.4 | 2517.3 | 2408.1 | 2291.1 | 2206.2 | 2112.5 | 2049.0 | 1978.1 | 1937.2 |
| 35° | 2377.2 | 2226.3 | 2111.6 | 1991.2 | 1897.4 | 1797.8 | 1722.9 | 1642.0 | 1585.2 | 1524.0 | 1488.7 |
| 37.5° | 1878.2 | 1758.3 | 1663.8 | 1563.9 | 1486.8 | 1404.3 | 1376.4 | 1283.7 | 1224.7 | 1176.0 | 1142.2 |
| 40° | 1474.1 | 1378.6 | 1300.5 | 1224.1 | 1161.2 | 1098.7 | 1048.4 | 998.8 | 960.7 | 925.8 | 901.7 |
| 42.5° | 1151.1 | 1082.0 | 1024.9 | 969.0 | 923.1 | 877.5 | 841.1 | 806.9 | 781.3 | 758.5 | 742.9 |
| 45° | 915.0 | 867.5 | 827.8 | 788.4 | 756.1 | 725.7 | 701.1 | 679.4 | 662.8 | 649.1 | 639.4 |
| 47.5° | 751.7 | 719.2 | 691.3 | 664.6 | 642.7 | 622.7 | 606.3 | 601.0 | 583.1 | 571.2 | 566.6 |
| 50° | 638.9 | 619.2 | 598.0 | 578.3 | 563.6 | 549.1 | 538.5 | 528.0 | 521.3 | 515.8 | 514.2 |
| 52.5° | 554.7 | 539.6 | 527.8 | 515.3 | 505.7 | 495.3 | 488.0 | 481.0 | 477.4 | 474.5 | 474.1 |
| 55° | 492.0 | 481.5 | 473.6 | 465.3 | 459.5 | 453.4 | 449.6 | 446.0 | 444.4 | 442.9 | 443.0 |
| 57.5° | 444.6 | 437.6 | 432.5 | 427.2 | 424.0 | 421.1 | 420.1 | 419.2 | 419.6 | 419.9 | 420.7 |
| 60° | 410.1 | 405.5 | 402.3 | 399.2 | 397.9 | 397.0 | 397.7 | 398.5 | 400.2 | 401.5 | 402.8 |
| 62.5° | 383.6 | 381.0 | 379.5 | 377.8 | 377.7 | 377.8 | 379.1 | 380.6 | 382.7 | 384.2 | 385.4 |
| 65° | 356.4 | 354.9 | 354.4 | 353.4 | 353.8 | 354.2 | 355.9 | 357.0 | 359.1 | 360.4 | 361.8 |
| 67.5° | 328.9 | 328.5 | 328.8 | 328.8 | 329.8 | 330.6 | 332.3 | 333.4 | 335.3 | 336.4 | 337.6 |
| 70° | 308.5 | 308.7 | 309.4 | 309.6 | 310.6 | 311.1 | 312.6 | 313.4 | 314.9 | 315.9 | 317.4 |
| 72.5° | 288.8 | 288.5 | 288.7 | 288.2 | 288.6 | 288.4 | 289.2 | 289.6 | 290.9 | 291.7 | 293.5 |
| 75° | 267.7 | 266.8 | 266.6 | 265.6 | 265.7 | 265.0 | 265.4 | 265.3 | 266.2 | 266.6 | 267.8 |
| 77.5° | 242.4 | 240.8 | 240.1 | 238.5 | 238.5 | 237.9 | 238.5 | 238.9 | 240.4 | 241.3 | 242.7 |
| 80° | 211.9 | 209.5 | 208.5 | 206.6 | 207.0 | 206.8 | 208.5 | 209.6 | 211.5 | 211.9 | 213.7 |
| 82.5° | 176.1 | 173.7 | 172.6 | 170.8 | 171.2 | 171.3 | 172.7 | 172.9 | 174.6 | 175.3 | 177.5 |
| 85° | 126.1 | 127.1 | 124.5 | 124.7 | 124.2 | 125.2 | 126.1 | 127.3 | 128.7 | 131.1 | 132.8 |
| 87.5° | 74.2 | 74.0 | 74.9 | 75.0 | 76.2 | 76.9 | 78.9 | 80.1 | 82.5 | 84.3 | 87.6 |
| 90° | 45.8 | 44.0 | 44.1 | 43.1 | 43.8 | 42.9 | 43.6 | 42.5 | 43.4 | 43.1 | 44.4 |
| 92.5° | 29.2 | 27.4 | 25.4 | 23.6 | 21.6 | 19.8 | 18.8 | 18.0 | 17.0 | 16.3 | 15.3 |
| 95° | 39.8 | 37.0 | 34.3 | 31.4 | 28.7 | 25.9 | 24.9 | 23.9 | 22.8 | 21.8 | 20.8 |
| 97.5° | 46.4 | 43.5 | 40.5 | 37.4 | 34.4 | 31.4 | 30.8 | 30.1 | 29.5 | 28.7 | 28.1 |
| 100° | 67.2 | 61.4 | 55.6 | 49.8 | 44.0 | 38.3 | 37.8 | 37.3 | 36.7 | 36.2 | 35.6 |
| 102.5° | 136.9 | 123.6 | 110.5 | 97.2 | 84.1 | 70.8 | 68.5 | 66.2 | 63.9 | 61.6 | 59.3 |
| 105° | 252.1 | 231.0 | 209.9 | 188.8 | 167.7 | 146.6 | 140.3 | 133.9 | 127.6 | 121.3 | 115.0 |
| 107.5° | 361.2 | 340.5 | 319.9 | 299.4 | 278.8 | 258.1 | 248.2 | 238.3 | 228.2 | 218.2 | 208.4 |
| 110° | 415.8 | 403.5 | 391.2 | 378.7 | 366.3 | 354.0 | 344.5 | 335.0 | 325.5 | 315.9 | 306.5 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 421.7 | 415.6 | 409.4 | 403.1 | 397.0 | 390.8 | 386.1 | 381.5 | 376.9 | 372.2 | 367.5 |
| 115° | 391.9 | 389.9 | 387.9 | 385.9 | 384.0 | 382.0 | 381.7 | 381.4 | 381.0 | 380.7 | 380.5 |
| 117.5° | 342.4 | 342.7 | 343.0 | 343.5 | 343.9 | 344.2 | 346.7 | 349.2 | 351.7 | 354.2 | 356.7 |
| 120° | 293.3 | 294.8 | 296.6 | 298.3 | 299.9 | 301.6 | 304.9 | 308.2 | 311.6 | 314.9 | 318.5 |
| 122.5° | 252.2 | 253.3 | 254.5 | 255.8 | 256.9 | 258.0 | 261.3 | 264.6 | 267.9 | 271.2 | 274.7 |
| 125° | 220.5 | 220.5 | 220.6 | 220.6 | 220.6 | 220.7 | 223.4 | 226.0 | 228.8 | 231.6 | 234.4 |
| 127.5° | 198.8 | 198.0 | 197.2 | 196.6 | 195.8 | 195.1 | 196.7 | 198.3 | 199.8 | 201.5 | 203.2 |
| 130° | 185.3 | 184.1 | 182.6 | 181.4 | 180.1 | 178.9 | 179.5 | 180.1 | 180.7 | 181.4 | 182.0 |
| 132.5° | 177.0 | 175.6 | 174.0 | 172.5 | 171.0 | 169.6 | 169.5 | 169.5 | 169.5 | 169.5 | 169.6 |
| 135° | 171.1 | 169.8 | 168.3 | 166.9 | 165.4 | 164.0 | 163.6 | 163.3 | 163.0 | 162.6 | 162.3 |
| 137.5° | 166.9 | 165.8 | 164.6 | 163.5 | 162.3 | 161.2 | 160.7 | 160.1 | 159.6 | 159.2 | 158.7 |
| 140° | 163.5 | 162.7 | 161.7 | 160.8 | 159.9 | 159.1 | 158.5 | 158.2 | 157.6 | 157.3 | 156.9 |
| 142.5° | 160.8 | 160.1 | 159.4 | 158.7 | 158.1 | 157.3 | 157.0 | 156.5 | 156.2 | 155.8 | 155.4 |
| 145° | 159.3 | 158.8 | 158.3 | 158.0 | 157.4 | 157.1 | 156.6 | 156.4 | 156.1 | 155.8 | 155.6 |
| 147.5° | 156.9 | 156.5 | 156.3 | 156.1 | 155.7 | 155.4 | 155.2 | 155.0 | 154.7 | 154.6 | 154.3 |
| 150° | 154.4 | 154.2 | 153.9 | 153.7 | 153.4 | 153.2 | 153.0 | 152.9 | 152.7 | 152.7 | 152.5 |
| 152.5° | 151.4 | 151.1 | 150.8 | 150.7 | 150.4 | 150.1 | 150.0 | 150.0 | 149.8 | 149.7 | 149.6 |
| 155° | 149.1 | 149.0 | 148.8 | 148.6 | 148.5 | 148.3 | 148.2 | 148.0 | 147.8 | 147.6 | 147.5 |
| 157.5° | 147.8 | 147.6 | 147.5 | 147.4 | 147.2 | 147.0 | 146.8 | 146.7 | 146.6 | 146.5 | 146.3 |
| 160° | 146.8 | 146.7 | 146.6 | 146.5 | 146.3 | 146.2 | 145.9 | 145.6 | 145.6 | 145.3 | 145.0 |
| 162.5° | 146.8 | 146.6 | 146.4 | 146.3 | 146.0 | 145.8 | 145.6 | 145.5 | 145.3 | 145.2 | 145.0 |
| 165° | 146.7 | 146.6 | 146.5 | 146.3 | 146.2 | 146.1 | 145.8 | 145.6 | 145.5 | 145.2 | 144.9 |
| 167.5° | 147.6 | 147.5 | 147.3 | 147.2 | 147.0 | 146.9 | 146.7 | 146.6 | 146.3 | 146.1 | 145.9 |
| 170° | 148.0 | 147.7 | 147.6 | 147.5 | 147.3 | 147.0 | 146.8 | 146.6 | 146.5 | 146.3 | 146.0 |
| 172.5° | 149.0 | 148.8 | 148.6 | 148.5 | 148.4 | 148.2 | 148.0 | 147.8 | 147.7 | 147.6 | 147.4 |
| 175° | 148.6 | 148.6 | 148.6 | 148.5 | 148.5 | 148.4 | 148.3 | 148.3 | 148.2 | 148.2 | 148.1 |
| 177.5° | 149.1 | 149.1 | 149.1 | 149.0 | 149.0 | 149.0 | 148.8 | 148.7 | 148.7 | 148.5 | 148.5 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9643.9 | 9641.4 | 9642.6 | 9638.1 | 9639.2 | 9633.7 | 9633.2 | 9627.0 | 9626.5 | 9620.7 | 9618.5 |
| 5° | 9970.4 | 9965.0 | 9971.1 | 9961.6 | 9963.5 | 9951.2 | 9950.2 | 9934.3 | 9928.8 | 9909.0 | 9900.4 |
| 7.5° | 10329.3 | 10327.3 | 10331.0 | 10323.1 | 10322.8 | 10311.9 | 10307.3 | 10293.1 | 10284.2 | 10263.4 | 10250.0 |
| 10° | 10407.9 | 10409.7 | 10406.7 | 10407.5 | 10403.2 | 10402.0 | 10397.7 | 10394.9 | 10387.7 | 10382.3 | 10374.3 |
| 12.5° | 10081.5 | 10083.4 | 10070.9 | 10078.8 | 10072.6 | 10087.2 | 10086.0 | 10103.1 | 10105.8 | 10127.5 | 10135.8 |
| 15° | 9326.9 | 9324.6 | 9300.7 | 9315.8 | 9307.6 | 9339.6 | 9346.8 | 9389.8 | 9412.8 | 9468.1 | 9502.0 |
| 17.5° | 8187.1 | 8181.0 | 8147.4 | 8165.7 | 8156.3 | 8203.5 | 8219.3 | 8288.1 | 8331.0 | 8420.0 | 8483.4 |
| 20° | 6828.5 | 6816.7 | 6777.3 | 6798.8 | 6789.2 | 6842.8 | 6865.4 | 6948.5 | 7003.7 | 7121.7 | 7205.5 |
| 22.5° | 5452.9 | 5434.3 | 5395.7 | 5415.9 | 5406.7 | 5462.2 | 5491.6 | 5575.0 | 5638.4 | 5759.4 | 5857.2 |
| 25° | 4217.7 | 4201.1 | 4163.9 | 4177.9 | 4174.6 | 4221.4 | 4247.6 | 4326.5 | 4388.7 | 4504.0 | 4597.4 |
| 27.5° | 3216.9 | 3199.7 | 3166.0 | 3176.0 | 3172.5 | 3212.5 | 3237.1 | 3303.0 | 3356.7 | 3453.7 | 3535.7 |
| 30° | 2462.1 | 2441.3 | 2412.7 | 2418.2 | 2415.9 | 2448.3 | 2471.3 | 2526.8 | 2572.7 | 2654.7 | 2725.4 |
| 32.5° | 1887.2 | 1866.3 | 1840.0 | 1842.6 | 1839.1 | 1864.6 | 1883.5 | 1931.7 | 1971.8 | 2041.5 | 2103.0 |
| 35° | 1444.0 | 1468.4 | 1412.4 | 1447.9 | 1411.0 | 1465.2 | 1445.7 | 1475.9 | 1510.3 | 1569.0 | 1620.3 |
| 37.5° | 1110.1 | 1093.0 | 1078.6 | 1077.1 | 1077.0 | 1089.6 | 1104.5 | 1133.5 | 1163.8 | 1207.6 | 1252.8 |
| 40° | 879.7 | 867.7 | 858.4 | 857.7 | 858.4 | 867.4 | 878.3 | 898.4 | 920.6 | 952.0 | 985.3 |
| 42.5° | 729.6 | 721.7 | 716.0 | 715.6 | 717.5 | 723.8 | 731.4 | 743.3 | 757.8 | 778.2 | 800.9 |
| 45° | 631.4 | 627.1 | 623.9 | 623.7 | 624.6 | 627.9 | 632.3 | 639.7 | 648.8 | 661.5 | 676.0 |
| 47.5° | 562.6 | 561.6 | 559.6 | 559.7 | 558.8 | 560.1 | 560.7 | 564.8 | 569.6 | 579.2 | 598.1 |
| 50° | 512.5 | 512.5 | 511.2 | 511.1 | 509.8 | 509.7 | 508.6 | 510.3 | 512.5 | 518.5 | 524.5 |
| 52.5° | 472.8 | 472.7 | 471.3 | 471.0 | 469.7 | 469.6 | 468.7 | 469.3 | 469.6 | 472.6 | 476.2 |
| 55° | 441.9 | 440.9 | 439.0 | 438.4 | 437.9 | 438.7 | 438.3 | 438.4 | 437.9 | 439.2 | 440.3 |
| 57.5° | 419.6 | 418.5 | 416.6 | 416.1 | 416.0 | 416.9 | 416.9 | 416.6 | 414.9 | 413.8 | 412.2 |
| 60° | 402.0 | 400.9 | 398.9 | 398.4 | 398.7 | 400.0 | 399.9 | 398.9 | 396.3 | 394.2 | 391.6 |
| 62.5° | 384.8 | 384.3 | 383.3 | 383.2 | 382.9 | 383.1 | 382.3 | 381.1 | 378.7 | 376.3 | 373.6 |
| 65° | 361.6 | 361.9 | 361.2 | 361.3 | 360.4 | 360.2 | 358.8 | 357.7 | 355.3 | 353.2 | 350.4 |
| 67.5° | 337.6 | 337.8 | 337.2 | 337.2 | 336.7 | 336.8 | 335.9 | 334.9 | 332.8 | 331.1 | 328.9 |
| 70° | 317.8 | 318.2 | 317.8 | 317.9 | 317.4 | 317.2 | 315.9 | 314.9 | 312.8 | 311.3 | 309.3 |
| 72.5° | 294.0 | 295.0 | 295.0 | 295.3 | 294.4 | 294.0 | 292.5 | 291.2 | 289.2 | 288.1 | 286.6 |
| 75° | 268.4 | 269.7 | 270.1 | 270.7 | 269.5 | 268.9 | 267.2 | 266.2 | 264.6 | 263.9 | 262.9 |
| 77.5° | 243.3 | 244.9 | 246.3 | 247.7 | 245.7 | 244.0 | 241.9 | 240.3 | 238.0 | 237.1 | 235.5 |
| 80° | 215.3 | 218.0 | 221.1 | 223.9 | 220.3 | 216.8 | 213.3 | 210.8 | 207.7 | 206.5 | 204.5 |
| 82.5° | 178.5 | 181.4 | 183.2 | 184.9 | 182.4 | 179.9 | 176.6 | 174.3 | 171.0 | 169.8 | 167.5 |
| 85° | 135.7 | 139.1 | 140.2 | 141.1 | 139.6 | 138.2 | 135.0 | 130.8 | 128.8 | 125.5 | 123.8 |
| 87.5° | 89.2 | 91.3 | 91.7 | 92.0 | 91.0 | 90.4 | 88.4 | 86.4 | 82.8 | 80.2 | 77.1 |
| 90° | 43.7 | 44.5 | 43.1 | 43.1 | 42.4 | 43.1 | 41.6 | 41.5 | 39.2 | 38.7 | 36.5 |
| 92.5° | 14.5 | 13.5 | 12.7 | 11.8 | 12.9 | 13.5 | 14.6 | 15.3 | 16.2 | 17.0 | 18.0 |
| 95° | 19.8 | 18.8 | 17.8 | 16.8 | 17.6 | 18.4 | 19.2 | 20.0 | 20.8 | 21.6 | 22.4 |
| 97.5° | 27.4 | 26.7 | 26.0 | 25.4 | 25.8 | 26.3 | 26.8 | 27.3 | 27.7 | 28.2 | 28.8 |
| 100° | 35.1 | 34.5 | 34.0 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| 102.5° | 57.0 | 54.7 | 52.4 | 50.1 | 51.7 | 53.2 | 54.7 | 56.3 | 57.9 | 59.5 | 61.1 |
| 105° | 108.7 | 102.4 | 96.1 | 89.8 | 95.9 | 102.0 | 108.1 | 114.2 | 120.3 | 126.4 | 132.6 |
| 107.5° | 198.4 | 188.4 | 178.5 | 168.6 | 179.6 | 190.8 | 201.8 | 212.9 | 224.0 | 235.1 | 246.2 |
| 110° | 297.0 | 287.6 | 278.1 | 268.6 | 280.4 | 292.2 | 304.0 | 315.8 | 327.5 | 339.2 | 351.1 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 112.5° | 362.9 | 358.4 | 353.7 | 349.1 | 356.7 | 364.3 | 371.9 | 379.6 | 387.1 | 394.8 | 402.4 |
| 115° | 380.2 | 379.9 | 379.7 | 379.4 | 383.0 | 386.5 | 390.2 | 393.7 | 397.4 | 401.0 | 404.7 |
| 117.5° | 359.3 | 361.8 | 364.4 | 367.0 | 368.2 | 369.2 | 370.4 | 371.6 | 372.8 | 374.0 | 375.2 |
| 120° | 321.8 | 325.2 | 328.6 | 332.1 | 331.6 | 331.2 | 330.6 | 330.2 | 329.9 | 329.5 | 329.1 |
| 122.5° | 278.1 | 281.4 | 284.9 | 288.3 | 287.3 | 286.3 | 285.2 | 284.2 | 283.4 | 282.4 | 281.5 |
| 125° | 237.3 | 240.1 | 242.9 | 245.8 | 244.8 | 243.8 | 242.7 | 241.8 | 240.9 | 240.0 | 239.1 |
| 127.5° | 204.9 | 206.7 | 208.5 | 210.2 | 209.7 | 209.3 | 208.8 | 208.5 | 208.1 | 207.7 | 207.4 |
| 130° | 182.8 | 183.6 | 184.3 | 185.2 | 185.3 | 185.4 | 185.7 | 185.9 | 186.3 | 186.4 | 186.8 |
| 132.5° | 169.8 | 169.8 | 170.0 | 170.2 | 170.8 | 171.3 | 171.9 | 172.6 | 173.3 | 173.9 | 174.7 |
| 135° | 162.1 | 161.9 | 161.8 | 161.6 | 162.4 | 163.2 | 164.0 | 165.0 | 165.9 | 166.9 | 167.9 |
| 137.5° | 158.3 | 158.0 | 157.6 | 157.3 | 158.2 | 159.0 | 159.9 | 160.7 | 161.7 | 162.7 | 163.8 |
| 140° | 156.6 | 156.3 | 156.2 | 155.8 | 156.6 | 157.4 | 158.2 | 159.2 | 160.1 | 161.1 | 162.1 |
| 142.5° | 155.1 | 154.8 | 154.5 | 154.3 | 155.1 | 155.8 | 156.7 | 157.4 | 158.3 | 159.2 | 160.1 |
| 145° | 155.3 | 155.1 | 155.0 | 154.8 | 155.3 | 155.8 | 156.4 | 157.1 | 157.6 | 158.2 | 159.0 |
| 147.5° | 154.3 | 154.1 | 154.0 | 153.9 | 154.3 | 154.7 | 155.1 | 155.5 | 156.0 | 156.5 | 157.1 |
| 150° | 152.6 | 152.4 | 152.4 | 152.4 | 152.6 | 152.9 | 153.2 | 153.4 | 153.8 | 154.1 | 154.5 |
| 152.5° | 149.6 | 149.5 | 149.5 | 149.5 | 149.7 | 150.0 | 150.3 | 150.5 | 150.8 | 151.1 | 151.4 |
| 155° | 147.5 | 147.3 | 147.2 | 147.1 | 147.2 | 147.3 | 147.5 | 147.5 | 147.6 | 147.7 | 147.9 |
| 157.5° | 146.2 | 146.0 | 146.0 | 145.8 | 145.8 | 145.7 | 145.8 | 145.8 | 145.8 | 145.8 | 145.9 |
| 160° | 144.9 | 144.7 | 144.5 | 144.3 | 144.3 | 144.4 | 144.5 | 144.5 | 144.6 | 144.7 | 144.7 |
| 162.5° | 144.9 | 144.7 | 144.7 | 144.5 | 144.5 | 144.3 | 144.2 | 144.1 | 144.0 | 143.9 | 143.9 |
| 165° | 144.7 | 144.6 | 144.4 | 144.1 | 144.1 | 144.1 | 144.0 | 144.0 | 144.0 | 144.0 | 143.9 |
| 167.5° | 145.7 | 145.5 | 145.4 | 145.1 | 145.0 | 144.7 | 144.7 | 144.5 | 144.4 | 144.2 | 144.2 |
| 170° | 145.8 | 145.7 | 145.6 | 145.4 | 145.3 | 145.2 | 145.2 | 145.0 | 145.0 | 145.0 | 145.0 |
| 172.5° | 147.2 | 147.1 | 146.9 | 146.7 | 146.6 | 146.6 | 146.6 | 146.6 | 146.5 | 146.5 | 146.5 |
| 175° | 148.0 | 148.0 | 147.9 | 147.8 | 147.7 | 147.6 | 147.6 | 147.6 | 147.5 | 147.3 | 147.3 |
| 177.5° | 148.4 | 148.3 | 148.2 | 148.1 | 148.1 | 148.1 | 148.1 | 148.1 | 148.1 | 148.0 | 148.0 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9612.3 | 9609.7 | 9603.0 | 9599.7 | 9593.6 | 9590.5 | 9585.7 | 9582.6 | 9578.7 | 9575.8 | 9574.4 |
| 5° | 9878.5 | 9866.3 | 9841.6 | 9826.5 | 9799.9 | 9782.4 | 9755.9 | 9736.6 | 9709.3 | 9689.2 | 9663.4 |
| 7.5° | 10225.0 | 10206.2 | 10174.6 | 10150.7 | 10113.5 | 10085.1 | 10043.3 | 10009.9 | 9963.7 | 9925.5 | 9878.4 |
| 10° | 10366.1 | 10355.1 | 10340.9 | 10325.5 | 10305.0 | 10284.8 | 10256.2 | 10227.2 | 10188.4 | 10149.9 | 10099.6 |
| 12.5° | 10157.6 | 10168.0 | 10188.4 | 10197.9 | 10213.6 | 10218.9 | 10226.0 | 10222.7 | 10216.4 | 10200.6 | 10177.8 |
| 15° | 9567.1 | 9610.4 | 9678.8 | 9726.0 | 9792.3 | 9838.8 | 9900.4 | 9940.0 | 9985.7 | 10012.9 | 10038.9 |
| 17.5° | 8595.8 | 8679.5 | 8800.1 | 8896.3 | 9025.5 | 9130.5 | 9259.2 | 9360.4 | 9477.1 | 9566.7 | 9662.0 |
| 20° | 7351.6 | 7468.8 | 7635.3 | 7776.8 | 7963.9 | 8122.7 | 8326.1 | 8496.5 | 8695.1 | 8860.8 | 9039.6 |
| 22.5° | 6012.6 | 6150.3 | 6341.2 | 6511.8 | 6735.3 | 6935.0 | 7189.8 | 7415.1 | 7683.8 | 7924.5 | 8190.7 |
| 25° | 4749.3 | 4884.4 | 5078.8 | 5255.3 | 5496.7 | 5716.7 | 5995.1 | 6253.5 | 6565.3 | 6856.0 | 7189.8 |
| 27.5° | 3666.0 | 3786.0 | 3956.9 | 4115.8 | 4336.9 | 4552.9 | 4835.4 | 5110.9 | 5443.6 | 5756.1 | 6115.8 |
| 30° | 2831.2 | 2928.5 | 3065.5 | 3193.4 | 3370.8 | 3547.4 | 3799.1 | 4053.9 | 4384.9 | 4708.7 | 5077.5 |
| 32.5° | 2194.1 | 2277.1 | 2391.3 | 2495.2 | 2631.9 | 2765.1 | 2950.4 | 3154.0 | 3444.4 | 3754.6 | 4111.2 |
| 35° | 1698.5 | 1769.4 | 1866.8 | 1956.2 | 2068.6 | 2174.3 | 2312.6 | 2458.0 | 2679.6 | 2940.5 | 3259.6 |
| 37.5° | 1354.1 | 1383.1 | 1452.5 | 1525.7 | 1619.2 | 1706.0 | 1814.2 | 1921.7 | 2080.2 | 2286.0 | 2546.8 |
| 40° | 1029.8 | 1075.7 | 1132.3 | 1190.0 | 1260.7 | 1330.4 | 1449.0 | 1506.1 | 1610.5 | 1758.4 | 1960.7 |
| 42.5° | 830.9 | 863.2 | 903.0 | 943.1 | 992.4 | 1040.9 | 1100.9 | 1162.1 | 1240.1 | 1340.2 | 1484.1 |
| 45° | 695.3 | 716.4 | 742.0 | 768.7 | 801.1 | 834.3 | 874.4 | 916.4 | 969.3 | 1030.9 | 1118.2 |
| 47.5° | 604.7 | 616.4 | 633.2 | 651.4 | 673.6 | 696.5 | 722.6 | 749.4 | 782.3 | 818.7 | 868.5 |
| 50° | 534.0 | 543.7 | 556.8 | 569.0 | 584.3 | 607.8 | 618.1 | 632.9 | 652.6 | 674.1 | 702.0 |
| 52.5° | 482.9 | 489.3 | 497.5 | 504.6 | 514.2 | 523.0 | 534.6 | 544.7 | 558.4 | 571.3 | 589.3 |
| 55° | 443.0 | 445.4 | 450.0 | 454.5 | 461.2 | 467.2 | 475.1 | 481.8 | 490.5 | 498.2 | 509.5 |
| 57.5° | 412.3 | 412.5 | 414.6 | 417.0 | 421.3 | 425.1 | 430.5 | 434.9 | 440.9 | 445.8 | 452.6 |
| 60° | 390.2 | 389.0 | 389.4 | 390.3 | 392.6 | 395.1 | 398.6 | 401.4 | 405.2 | 408.0 | 411.8 |
| 62.5° | 371.8 | 369.9 | 369.5 | 369.2 | 370.5 | 371.3 | 373.2 | 374.6 | 376.8 | 378.0 | 380.0 |
| 65° | 348.5 | 346.3 | 345.5 | 344.5 | 344.9 | 344.6 | 345.2 | 345.3 | 346.4 | 346.7 | 347.8 |
| 67.5° | 327.5 | 325.6 | 324.5 | 323.1 | 322.6 | 321.6 | 321.1 | 320.2 | 320.1 | 319.3 | 319.1 |
| 70° | 308.2 | 306.4 | 305.5 | 304.3 | 303.6 | 302.4 | 301.5 | 300.0 | 299.0 | 297.5 | 296.7 |
| 72.5° | 285.9 | 284.9 | 284.7 | 283.8 | 283.6 | 282.9 | 282.6 | 281.4 | 280.8 | 279.6 | 278.9 |
| 75° | 262.7 | 261.8 | 261.8 | 260.9 | 260.8 | 260.0 | 259.8 | 258.7 | 258.0 | 256.8 | 256.2 |
| 77.5° | 235.0 | 233.7 | 233.4 | 232.4 | 232.7 | 232.3 | 232.6 | 231.7 | 231.3 | 230.1 | 229.7 |
| 80° | 203.8 | 202.2 | 201.6 | 200.3 | 200.7 | 200.0 | 200.7 | 200.6 | 201.0 | 200.0 | 199.8 |
| 82.5° | 166.9 | 165.1 | 164.8 | 163.9 | 164.5 | 164.6 | 165.9 | 165.1 | 165.5 | 164.5 | 165.0 |
| 85° | 121.4 | 120.1 | 118.4 | 118.1 | 116.9 | 118.1 | 116.6 | 117.6 | 115.9 | 117.1 | 115.6 |
| 87.5° | 75.2 | 72.6 | 71.2 | 69.3 | 68.6 | 66.8 | 66.1 | 64.8 | 65.2 | 64.5 | 64.9 |
| 90° | 36.5 | 34.8 | 35.3 | 34.3 | 35.0 | 34.2 | 35.2 | 34.9 | 36.2 | 35.8 | 37.2 |
| 92.5° | 18.8 | 19.7 | 21.3 | 23.0 | 24.6 | 26.2 | 27.8 | 29.5 | 31.1 | 32.8 | 34.3 |
| 95° | 23.2 | 24.0 | 26.2 | 28.4 | 30.5 | 32.7 | 34.9 | 37.1 | 39.2 | 41.4 | 43.6 |
| 97.5° | 29.3 | 29.7 | 31.9 | 34.1 | 36.3 | 38.4 | 40.5 | 42.8 | 45.0 | 47.1 | 49.3 |
| 100° | 33.4 | 33.5 | 39.7 | 45.9 | 52.0 | 58.2 | 64.3 | 70.4 | 76.7 | 82.8 | 89.0 |
| 102.5° | 62.6 | 64.2 | 79.8 | 95.3 | 110.8 | 126.4 | 142.0 | 157.6 | 173.2 | 188.8 | 204.4 |
| 105° | 138.7 | 144.7 | 168.5 | 192.3 | 216.1 | 239.8 | 263.5 | 287.3 | 311.1 | 334.9 | 358.6 |
| 107.5° | 257.4 | 268.5 | 290.0 | 311.4 | 332.9 | 354.4 | 375.9 | 397.3 | 418.9 | 440.3 | 462.0 |
| 110° | 362.9 | 374.7 | 389.1 | 403.4 | 417.8 | 432.2 | 446.6 | 461.0 | 475.5 | 489.9 | 504.4 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 409.9 | 417.6 | 426.0 | 434.4 | 442.7 | 451.2 | 459.6 | 468.0 | 476.5 | 484.9 | 493.4 |
| 115° | 408.2 | 411.9 | 415.1 | 418.5 | 421.7 | 425.0 | 428.3 | 431.7 | 435.0 | 438.3 | 441.7 |
| 117.5° | 376.4 | 377.7 | 378.1 | 378.8 | 379.2 | 379.8 | 380.4 | 381.0 | 381.6 | 382.3 | 382.7 |
| 120° | 328.6 | 328.3 | 327.8 | 327.3 | 326.8 | 326.3 | 325.8 | 325.4 | 324.9 | 324.5 | 324.1 |
| 122.5° | 280.6 | 279.8 | 279.2 | 278.8 | 278.3 | 277.9 | 277.5 | 277.1 | 276.7 | 276.2 | 275.9 |
| 125° | 238.3 | 237.5 | 237.9 | 238.5 | 239.0 | 239.5 | 240.1 | 240.7 | 241.3 | 241.8 | 242.4 |
| 127.5° | 207.1 | 206.9 | 208.1 | 209.5 | 210.8 | 212.1 | 213.4 | 214.8 | 216.2 | 217.5 | 218.8 |
| 130° | 187.2 | 187.5 | 189.2 | 190.9 | 192.5 | 194.2 | 195.9 | 197.6 | 199.2 | 200.9 | 202.7 |
| 132.5° | 175.5 | 176.4 | 177.8 | 179.5 | 181.1 | 182.7 | 184.4 | 186.1 | 187.6 | 189.3 | 190.9 |
| 135° | 168.9 | 170.0 | 171.6 | 172.9 | 174.5 | 176.0 | 177.5 | 179.0 | 180.5 | 182.0 | 183.4 |
| 137.5° | 164.8 | 165.9 | 167.1 | 168.2 | 169.4 | 170.8 | 171.8 | 173.1 | 174.3 | 175.5 | 176.6 |
| 140° | 163.1 | 164.3 | 164.9 | 165.7 | 166.3 | 167.1 | 167.8 | 168.6 | 169.1 | 169.9 | 170.6 |
| 142.5° | 161.1 | 162.1 | 162.4 | 163.0 | 163.4 | 164.0 | 164.4 | 164.9 | 165.3 | 165.8 | 166.2 |
| 145° | 159.6 | 160.4 | 160.5 | 160.6 | 160.7 | 160.8 | 160.9 | 161.0 | 161.0 | 161.1 | 161.1 |
| 147.5° | 157.6 | 158.2 | 158.1 | 158.2 | 158.1 | 158.0 | 158.0 | 158.0 | 157.8 | 157.8 | 157.8 |
| 150° | 154.8 | 155.3 | 155.1 | 155.0 | 154.8 | 154.6 | 154.4 | 154.3 | 154.1 | 154.0 | 153.8 |
| 152.5° | 151.7 | 152.1 | 151.8 | 151.6 | 151.4 | 151.3 | 151.0 | 150.8 | 150.6 | 150.4 | 150.3 |
| 155° | 148.0 | 148.2 | 148.0 | 148.0 | 147.8 | 147.7 | 147.6 | 147.6 | 147.5 | 147.4 | 147.3 |
| 157.5° | 145.8 | 145.9 | 145.8 | 145.8 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 |
| 160° | 144.7 | 144.8 | 144.7 | 144.7 | 144.6 | 144.5 | 144.5 | 144.5 | 144.5 | 144.6 | 144.6 |
| 162.5° | 143.8 | 143.7 | 143.7 | 143.7 | 143.6 | 143.5 | 143.6 | 143.6 | 143.5 | 143.6 | 143.6 |
| 165° | 144.0 | 144.1 | 143.9 | 143.8 | 143.7 | 143.6 | 143.6 | 143.5 | 143.5 | 143.4 | 143.4 |
| 167.5° | 144.0 | 143.9 | 143.9 | 144.0 | 144.0 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 | 144.5 |
| 170° | 144.9 | 145.0 | 144.8 | 144.8 | 144.8 | 144.7 | 144.7 | 144.7 | 144.7 | 144.7 | 144.7 |
| 172.5° | 146.5 | 146.5 | 146.4 | 146.2 | 146.1 | 145.9 | 145.8 | 145.7 | 145.6 | 145.5 | 145.4 |
| 175° | 147.2 | 147.1 | 147.0 | 147.0 | 146.9 | 146.7 | 146.7 | 146.6 | 146.6 | 146.6 | 146.5 |
| 177.5° | 148.0 | 147.9 | 147.8 | 147.8 | 147.8 | 147.8 | 147.8 | 147.7 | 147.7 | 147.7 | 147.6 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9572.5 | 9572.3 | 9571.4 | 9571.8 | 9572.0 | 9572.6 | 9573.5 | 9574.4 | 9574.6 | 9575.2 | 9575.4 |
| 5° | 9644.1 | 9620.4 | 9602.8 | 9583.6 | 9569.1 | 9556.1 | 9547.4 | 9540.5 | 9537.8 | 9538.5 | 9540.1 |
| 7.5° | 9838.3 | 9789.4 | 9749.1 | 9703.3 | 9665.0 | 9624.5 | 9591.0 | 9559.1 | 9535.8 | 9518.4 | 9508.8 |
| 10° | 10051.5 | 9991.9 | 9935.0 | 9868.7 | 9805.7 | 9738.5 | 9677.6 | 9616.3 | 9565.3 | 9520.9 | 9488.4 |
| 12.5° | 10146.1 | 10104.0 | 10054.7 | 9992.1 | 9924.8 | 9847.3 | 9769.0 | 9685.0 | 9607.0 | 9534.6 | 9476.1 |
| 15° | 10045.9 | 10046.0 | 10028.1 | 9998.0 | 9951.2 | 9889.3 | 9814.6 | 9727.2 | 9635.1 | 9541.2 | 9455.4 |
| 17.5° | 9728.0 | 9788.0 | 9821.3 | 9842.5 | 9835.9 | 9813.2 | 9765.7 | 9698.5 | 9612.7 | 9512.6 | 9407.8 |
| 20° | 9182.0 | 9323.5 | 9424.4 | 9515.1 | 9565.9 | 9599.7 | 9596.3 | 9568.9 | 9507.8 | 9422.7 | 9313.6 |
| 22.5° | 8417.2 | 8654.6 | 8842.0 | 9016.8 | 9139.3 | 9239.0 | 9286.4 | 9306.5 | 9278.8 | 9219.5 | 9117.1 |
| 25° | 7488.2 | 7811.0 | 8086.6 | 8354.0 | 8554.6 | 8727.0 | 8830.6 | 8903.6 | 8909.4 | 8878.4 | 8787.0 |
| 27.5° | 6455.9 | 6837.0 | 7185.7 | 7541.2 | 7823.3 | 8071.1 | 8233.7 | 8352.7 | 8390.5 | 8385.5 | 8302.5 |
| 30° | 5424.9 | 5825.1 | 6209.4 | 6623.9 | 6972.9 | 7289.6 | 7504.4 | 7665.4 | 7727.4 | 7739.2 | 7659.5 |
| 32.5° | 4451.3 | 4845.9 | 5229.2 | 5662.5 | 6046.6 | 6409.5 | 6663.2 | 6854.5 | 6926.6 | 6943.6 | 6856.0 |
| 35° | 3567.7 | 3931.7 | 4296.0 | 4715.9 | 5097.8 | 5473.6 | 5741.0 | 5941.2 | 6008.5 | 6019.9 | 5918.5 |
| 37.5° | 2801.4 | 3111.5 | 3428.9 | 3805.8 | 4156.4 | 4509.3 | 4763.5 | 4951.5 | 5000.7 | 4997.6 | 4882.9 |
| 40° | 2156.2 | 2397.2 | 2652.4 | 2962.5 | 3254.2 | 3552.4 | 3767.0 | 3922.5 | 3948.3 | 3929.2 | 3808.8 |
| 42.5° | 1621.3 | 1795.4 | 1980.4 | 2211.9 | 2428.3 | 2651.6 | 2807.6 | 2923.1 | 2926.8 | 2896.6 | 2788.4 |
| 45° | 1207.9 | 1377.8 | 1455.3 | 1595.3 | 1734.7 | 1883.2 | 1978.4 | 2049.8 | 2038.8 | 2012.1 | 1929.9 |
| 47.5° | 920.8 | 986.1 | 1055.3 | 1142.2 | 1223.4 | 1391.8 | 1379.3 | 1493.8 | 1411.3 | 1467.6 | 1343.8 |
| 50° | 731.2 | 767.7 | 805.0 | 851.1 | 893.5 | 937.5 | 965.1 | 985.6 | 982.9 | 974.1 | 950.4 |
| 52.5° | 622.1 | 633.3 | 651.7 | 677.9 | 701.6 | 725.4 | 741.1 | 753.9 | 754.1 | 750.5 | 738.6 |
| 55° | 520.0 | 534.3 | 547.4 | 564.6 | 593.7 | 598.3 | 620.7 | 616.1 | 617.9 | 611.7 | 618.0 |
| 57.5° | 458.4 | 466.8 | 474.2 | 484.3 | 492.8 | 502.7 | 508.5 | 514.0 | 513.5 | 512.3 | 506.2 |
| 60° | 414.8 | 419.4 | 423.5 | 429.5 | 434.1 | 439.7 | 442.4 | 445.2 | 444.3 | 442.2 | 436.8 |
| 62.5° | 381.2 | 384.1 | 386.5 | 390.3 | 393.1 | 396.5 | 398.0 | 399.1 | 398.0 | 396.0 | 391.2 |
| 65° | 348.0 | 349.9 | 351.4 | 354.3 | 356.3 | 359.3 | 360.4 | 361.5 | 360.4 | 358.9 | 355.3 |
| 67.5° | 318.1 | 318.3 | 318.2 | 319.4 | 319.9 | 321.7 | 322.3 | 323.1 | 321.8 | 320.5 | 317.4 |
| 70° | 295.5 | 295.0 | 294.5 | 294.9 | 295.0 | 295.9 | 296.0 | 295.9 | 294.4 | 292.0 | 288.7 |
| 72.5° | 277.8 | 277.5 | 277.1 | 277.4 | 277.4 | 278.2 | 278.0 | 277.6 | 275.7 | 273.5 | 270.2 |
| 75° | 255.0 | 254.8 | 254.0 | 254.0 | 253.2 | 253.5 | 252.6 | 252.1 | 250.0 | 248.1 | 245.1 |
| 77.5° | 228.3 | 227.9 | 226.6 | 226.1 | 224.8 | 224.2 | 222.5 | 221.6 | 219.5 | 218.0 | 215.4 |
| 80° | 198.5 | 198.0 | 196.5 | 195.6 | 193.4 | 192.1 | 189.5 | 188.1 | 185.6 | 184.2 | 181.6 |
| 82.5° | 164.1 | 164.3 | 162.7 | 161.6 | 158.5 | 156.2 | 152.7 | 150.9 | 148.2 | 146.7 | 144.2 |
| 85° | 116.7 | 115.0 | 115.9 | 115.8 | 113.9 | 111.9 | 109.1 | 107.1 | 104.9 | 103.5 | 101.7 |
| 87.5° | 64.0 | 64.4 | 64.0 | 63.5 | 62.2 | 61.2 | 59.0 | 57.8 | 56.2 | 55.4 | 54.0 |
| 90° | 34.6 | 33.6 | 31.1 | 30.2 | 27.7 | 26.2 | 23.5 | 22.1 | 19.6 | 19.0 | 17.5 |
| 92.5° | 32.5 | 30.7 | 28.9 | 27.0 | 25.3 | 23.5 | 21.6 | 19.8 | 17.9 | 17.2 | 16.8 |
| 95° | 41.0 | 38.3 | 35.7 | 33.1 | 30.4 | 27.7 | 25.1 | 22.5 | 19.8 | 19.3 | 18.8 |
| 97.5° | 46.2 | 43.1 | 40.0 | 36.9 | 33.7 | 30.6 | 27.6 | 24.5 | 21.4 | 21.0 | 20.7 |
| 100° | 81.8 | 74.8 | 67.6 | 60.5 | 53.2 | 46.0 | 39.0 | 31.8 | 24.7 | 24.3 | 23.8 |
| 102.5° | 187.0 | 169.7 | 152.4 | 135.0 | 117.6 | 100.2 | 82.9 | 65.5 | 48.2 | 45.7 | 43.2 |
| 105° | 332.4 | 306.1 | 279.9 | 253.7 | 227.3 | 201.0 | 174.8 | 148.5 | 122.3 | 113.8 | 105.4 |
| 107.5° | 437.2 | 412.6 | 387.9 | 363.3 | 338.4 | 313.8 | 289.1 | 264.4 | 239.6 | 224.9 | 210.0 |
| 110° | 484.7 | 465.1 | 445.6 | 426.1 | 406.4 | 386.8 | 367.2 | 347.6 | 328.0 | 315.1 | 302.4 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 479.0 | 464.7 | 450.4 | 435.9 | 421.7 | 407.2 | 392.9 | 378.6 | 364.2 | 356.4 | 348.7 |
| 115° | 433.0 | 424.4 | 415.8 | 407.1 | 398.5 | 389.8 | 381.2 | 372.5 | 363.8 | 359.7 | 355.6 |
| 117.5° | 378.4 | 374.0 | 369.6 | 365.2 | 360.7 | 356.3 | 351.9 | 347.4 | 343.0 | 341.6 | 340.1 |
| 120° | 322.8 | 321.5 | 320.0 | 318.8 | 317.4 | 316.0 | 314.6 | 313.2 | 311.9 | 312.0 | 312.2 |
| 122.5° | 276.4 | 277.0 | 277.5 | 278.0 | 278.5 | 279.0 | 279.5 | 280.0 | 280.4 | 281.5 | 282.6 |
| 125° | 243.7 | 245.0 | 246.3 | 247.6 | 248.8 | 250.1 | 251.4 | 252.6 | 253.9 | 255.0 | 256.0 |
| 127.5° | 220.3 | 221.7 | 223.2 | 224.6 | 226.0 | 227.5 | 228.9 | 230.2 | 231.7 | 232.7 | 233.7 |
| 130° | 203.9 | 205.2 | 206.4 | 207.6 | 208.9 | 210.2 | 211.4 | 212.6 | 213.8 | 214.6 | 215.3 |
| 132.5° | 192.0 | 193.1 | 194.3 | 195.3 | 196.5 | 197.6 | 198.8 | 199.8 | 201.0 | 201.6 | 202.2 |
| 135° | 184.3 | 185.1 | 186.0 | 186.8 | 187.7 | 188.4 | 189.3 | 190.2 | 191.1 | 191.5 | 192.0 |
| 137.5° | 177.5 | 178.0 | 178.8 | 179.5 | 180.2 | 180.8 | 181.6 | 182.3 | 183.1 | 183.2 | 183.5 |
| 140° | 171.3 | 172.0 | 172.7 | 173.5 | 174.2 | 174.9 | 175.8 | 176.6 | 177.4 | 177.6 | 177.8 |
| 142.5° | 166.8 | 167.2 | 167.9 | 168.4 | 169.0 | 169.6 | 170.2 | 170.8 | 171.5 | 171.7 | 171.9 |
| 145° | 161.8 | 162.4 | 163.1 | 163.8 | 164.5 | 165.1 | 166.0 | 166.8 | 167.6 | 167.7 | 167.9 |
| 147.5° | 158.3 | 158.9 | 159.5 | 160.1 | 160.8 | 161.3 | 162.1 | 162.7 | 163.5 | 163.6 | 163.7 |
| 150° | 154.4 | 155.0 | 155.6 | 156.3 | 156.9 | 157.6 | 158.3 | 159.1 | 159.9 | 160.1 | 160.2 |
| 152.5° | 150.9 | 151.5 | 152.2 | 152.9 | 153.6 | 154.4 | 155.3 | 156.0 | 156.8 | 157.0 | 157.2 |
| 155° | 147.9 | 148.5 | 149.3 | 150.0 | 150.7 | 151.4 | 152.3 | 153.0 | 153.8 | 154.1 | 154.3 |
| 157.5° | 146.2 | 146.7 | 147.5 | 148.1 | 148.7 | 149.4 | 150.2 | 150.8 | 151.4 | 151.7 | 151.9 |
| 160° | 145.1 | 145.6 | 146.2 | 146.8 | 147.4 | 148.0 | 148.5 | 149.2 | 149.7 | 150.0 | 150.2 |
| 162.5° | 144.1 | 144.7 | 145.3 | 145.8 | 146.4 | 147.0 | 147.6 | 148.2 | 148.7 | 148.9 | 149.2 |
| 165° | 143.8 | 144.2 | 144.7 | 145.0 | 145.4 | 145.8 | 146.3 | 146.6 | 147.2 | 147.4 | 147.6 |
| 167.5° | 144.8 | 145.0 | 145.5 | 145.7 | 146.1 | 146.4 | 146.8 | 147.1 | 147.5 | 147.7 | 147.9 |
| 170° | 144.9 | 145.3 | 145.5 | 145.8 | 146.2 | 146.5 | 146.7 | 147.1 | 147.5 | 147.6 | 147.8 |
| 172.5° | 145.6 | 145.7 | 145.9 | 146.2 | 146.3 | 146.6 | 146.7 | 147.0 | 147.2 | 147.5 | 147.6 |
| 175° | 146.6 | 146.6 | 146.7 | 146.8 | 146.8 | 147.0 | 147.1 | 147.2 | 147.4 | 147.6 | 147.6 |
| 177.5° | 147.7 | 147.8 | 147.8 | 147.9 | 148.1 | 148.2 | 148.3 | 148.4 | 148.5 | 148.6 | 148.8 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9575.0 | 9574.9 | 9574.6 | 9574.2 | 9573.7 | 9574.0 | 9574.5 | 9575.5 | 9577.5 | 9580.3 | 9583.9 |
| 5° | 9541.4 | 9543.4 | 9544.5 | 9544.6 | 9543.6 | 9543.0 | 9543.9 | 9546.5 | 9551.9 | 9560.8 | 9572.8 |
| 7.5° | 9506.2 | 9508.6 | 9512.3 | 9515.1 | 9515.6 | 9514.9 | 9515.1 | 9519.2 | 9529.0 | 9546.4 | 9570.7 |
| 10° | 9468.5 | 9461.4 | 9465.2 | 9472.0 | 9477.6 | 9478.6 | 9479.2 | 9484.1 | 9498.4 | 9524.6 | 9563.7 |
| 12.5° | 9433.8 | 9411.1 | 9406.8 | 9413.0 | 9421.3 | 9424.0 | 9423.3 | 9425.4 | 9442.1 | 9476.8 | 9531.2 |
| 15° | 9388.0 | 9345.4 | 9330.9 | 9332.5 | 9342.8 | 9346.5 | 9343.8 | 9339.6 | 9356.0 | 9398.4 | 9468.8 |
| 17.5° | 9314.1 | 9245.4 | 9218.6 | 9217.5 | 9229.4 | 9232.7 | 9226.1 | 9213.2 | 9229.3 | 9282.2 | 9369.6 |
| 20° | 9201.6 | 9100.2 | 9049.8 | 9041.7 | 9054.8 | 9051.0 | 9037.8 | 9018.4 | 9039.5 | 9103.8 | 9207.9 |
| 22.5° | 8999.4 | 8870.9 | 8784.8 | 8757.0 | 8772.6 | 8762.2 | 8742.9 | 8718.2 | 8746.3 | 8819.2 | 8935.1 |
| 25° | 8669.0 | 8520.5 | 8402.6 | 8336.4 | 8348.9 | 8330.2 | 8309.2 | 8279.2 | 8312.8 | 8396.5 | 8524.0 |
| 27.5° | 8183.3 | 8011.9 | 7865.7 | 7756.2 | 7760.2 | 7735.7 | 7711.6 | 7672.8 | 7714.6 | 7813.7 | 7957.6 |
| 30° | 7537.6 | 7339.1 | 7161.1 | 7012.3 | 6998.9 | 6975.2 | 6950.5 | 6899.6 | 6951.9 | 7070.6 | 7238.7 |
| 32.5° | 6726.6 | 6506.2 | 6300.5 | 6112.4 | 6076.9 | 6053.7 | 6031.7 | 5973.1 | 6041.6 | 6180.0 | 6373.1 |
| 35° | 5778.1 | 5543.4 | 5320.4 | 5105.5 | 5046.7 | 5023.5 | 5004.3 | 4948.1 | 5033.7 | 5184.3 | 5392.8 |
| 37.5° | 4737.1 | 4497.3 | 4276.0 | 4055.6 | 3972.4 | 3941.0 | 3927.0 | 3890.2 | 3988.9 | 4137.8 | 4347.3 |
| 40° | 3668.4 | 3445.4 | 3246.9 | 3052.3 | 2957.5 | 2909.4 | 2902.2 | 2895.4 | 2990.8 | 3120.0 | 3310.2 |
| 42.5° | 2668.6 | 2488.7 | 2335.7 | 2186.9 | 2101.1 | 2035.3 | 2035.3 | 2055.3 | 2141.1 | 2237.9 | 2384.6 |
| 45° | 1845.9 | 1725.2 | 1627.8 | 1528.3 | 1554.9 | 1423.9 | 1500.9 | 1461.4 | 1503.8 | 1566.2 | 1661.6 |
| 47.5° | 1269.0 | 1203.0 | 1149.5 | 1093.9 | 1053.4 | 1014.7 | 1018.2 | 1043.1 | 1083.1 | 1120.0 | 1169.7 |
| 50° | 924.8 | 891.3 | 864.0 | 835.2 | 815.0 | 797.9 | 798.9 | 809.7 | 830.7 | 850.2 | 876.1 |
| 52.5° | 724.7 | 706.1 | 691.3 | 675.4 | 664.8 | 656.4 | 656.8 | 662.1 | 673.4 | 684.6 | 699.4 |
| 55° | 597.3 | 595.1 | 575.8 | 561.5 | 556.0 | 550.3 | 551.4 | 553.4 | 561.2 | 567.6 | 577.5 |
| 57.5° | 500.6 | 491.9 | 486.1 | 478.5 | 475.1 | 471.1 | 472.0 | 472.8 | 478.0 | 482.3 | 489.4 |
| 60° | 432.2 | 426.1 | 422.0 | 416.8 | 414.6 | 412.0 | 412.7 | 413.1 | 416.4 | 419.3 | 424.3 |
| 62.5° | 386.8 | 381.3 | 377.8 | 373.8 | 372.2 | 370.5 | 370.9 | 371.1 | 373.1 | 375.2 | 379.0 |
| 65° | 352.0 | 347.7 | 344.7 | 341.2 | 339.6 | 337.8 | 338.0 | 338.0 | 339.8 | 341.2 | 344.1 |
| 67.5° | 315.1 | 311.9 | 310.0 | 307.2 | 306.2 | 304.3 | 304.3 | 303.7 | 304.9 | 305.4 | 307.4 |
| 70° | 285.6 | 282.3 | 279.9 | 277.2 | 275.8 | 274.3 | 274.3 | 274.3 | 275.6 | 277.0 | 279.5 |
| 72.5° | 267.4 | 264.2 | 262.0 | 259.8 | 258.4 | 257.0 | 256.8 | 256.7 | 257.6 | 258.3 | 260.0 |
| 75° | 243.2 | 240.6 | 239.4 | 237.3 | 236.2 | 234.6 | 234.4 | 233.7 | 234.1 | 234.3 | 235.6 |
| 77.5° | 213.8 | 211.4 | 210.4 | 208.3 | 207.4 | 205.6 | 205.5 | 204.6 | 205.0 | 204.8 | 205.7 |
| 80° | 180.5 | 178.3 | 177.6 | 175.9 | 175.5 | 173.8 | 173.6 | 172.7 | 172.9 | 172.2 | 172.6 |
| 82.5° | 143.1 | 141.1 | 140.7 | 139.0 | 139.0 | 137.6 | 137.5 | 136.0 | 136.0 | 134.8 | 132.8 |
| 85° | 100.8 | 99.3 | 98.7 | 97.3 | 97.0 | 95.8 | 95.2 | 93.8 | 93.4 | 92.4 | 92.2 |
| 87.5° | 53.2 | 52.3 | 51.5 | 50.8 | 49.7 | 47.5 | 47.3 | 45.9 | 46.0 | 45.0 | 45.0 |
| 90° | 16.9 | 15.6 | 15.1 | 13.8 | 13.2 | 12.2 | 11.9 | 12.1 | 12.4 | 12.8 | 13.1 |
| 92.5° | 16.1 | 15.5 | 15.0 | 14.3 | 13.7 | 13.1 | 12.5 | 13.1 | 13.7 | 14.3 | 15.0 |
| 95° | 18.2 | 17.7 | 17.2 | 16.7 | 16.1 | 15.6 | 15.0 | 15.6 | 16.1 | 16.8 | 17.3 |
| 97.5° | 20.4 | 20.0 | 19.7 | 19.3 | 19.0 | 18.7 | 18.3 | 18.7 | 19.0 | 19.3 | 19.7 |
| 100° | 23.5 | 23.0 | 22.7 | 22.2 | 21.8 | 21.4 | 21.0 | 21.5 | 21.9 | 22.3 | 22.7 |
| 102.5° | 40.7 | 38.2 | 35.7 | 33.2 | 30.6 | 28.2 | 25.6 | 28.2 | 30.6 | 33.3 | 35.8 |
| 105° | 96.9 | 88.5 | 80.0 | 71.6 | 63.1 | 54.7 | 46.2 | 54.7 | 63.2 | 71.7 | 80.1 |
| 107.5° | 195.0 | 180.3 | 165.4 | 150.5 | 135.6 | 120.7 | 105.9 | 120.8 | 135.7 | 150.6 | 165.5 |
| 110° | 289.7 | 276.8 | 263.9 | 251.1 | 238.4 | 225.5 | 212.6 | 225.5 | 238.4 | 251.1 | 264.0 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 340.8 | 333.0 | 325.2 | 317.4 | 309.5 | 301.8 | 293.9 | 301.8 | 309.6 | 317.6 | 325.4 |
| 115° | 351.5 | 347.4 | 343.3 | 339.2 | 335.0 | 330.9 | 326.7 | 331.0 | 335.2 | 339.4 | 343.6 |
| 117.5° | 338.7 | 337.2 | 335.8 | 334.3 | 332.9 | 331.4 | 329.9 | 331.5 | 333.1 | 334.6 | 336.2 |
| 120° | 312.3 | 312.5 | 312.7 | 312.8 | 313.0 | 313.0 | 313.1 | 313.1 | 313.1 | 313.1 | 313.1 |
| 122.5° | 283.7 | 284.8 | 285.7 | 286.8 | 287.9 | 288.8 | 289.8 | 288.9 | 288.1 | 287.3 | 286.3 |
| 125° | 257.1 | 258.4 | 259.4 | 260.5 | 261.5 | 262.6 | 263.5 | 262.7 | 261.9 | 261.0 | 260.0 |
| 127.5° | 234.7 | 235.7 | 236.6 | 237.7 | 238.6 | 239.5 | 240.4 | 239.7 | 239.0 | 238.2 | 237.5 |
| 130° | 216.2 | 217.0 | 217.6 | 218.4 | 219.2 | 219.8 | 220.3 | 220.0 | 219.5 | 219.1 | 218.4 |
| 132.5° | 202.7 | 203.4 | 203.9 | 204.5 | 204.9 | 205.5 | 205.8 | 205.6 | 205.4 | 205.1 | 204.7 |
| 135° | 192.3 | 192.7 | 193.1 | 193.5 | 193.8 | 194.0 | 194.2 | 194.3 | 194.2 | 194.2 | 194.0 |
| 137.5° | 183.7 | 184.0 | 184.1 | 184.3 | 184.3 | 184.4 | 184.4 | 184.7 | 184.8 | 185.1 | 185.1 |
| 140° | 178.0 | 178.3 | 178.5 | 178.5 | 178.8 | 178.8 | 178.8 | 179.1 | 179.3 | 179.4 | 179.5 |
| 142.5° | 172.2 | 172.4 | 172.7 | 172.7 | 172.9 | 172.9 | 173.0 | 173.2 | 173.4 | 173.5 | 173.6 |
| 145° | 167.9 | 168.1 | 168.2 | 168.4 | 168.3 | 168.3 | 168.2 | 168.6 | 168.8 | 169.0 | 169.2 |
| 147.5° | 163.8 | 164.0 | 164.0 | 164.0 | 164.0 | 164.0 | 164.0 | 164.2 | 164.5 | 164.7 | 164.9 |
| 150° | 160.6 | 160.8 | 161.0 | 161.1 | 161.3 | 161.4 | 161.4 | 161.6 | 161.8 | 161.8 | 161.9 |
| 152.5° | 157.4 | 157.6 | 157.8 | 157.9 | 158.2 | 158.2 | 158.2 | 158.4 | 158.6 | 158.7 | 158.8 |
| 155° | 154.5 | 154.8 | 155.0 | 155.2 | 155.3 | 155.5 | 155.7 | 155.8 | 155.9 | 156.0 | 156.1 |
| 157.5° | 152.1 | 152.4 | 152.5 | 152.7 | 152.9 | 153.1 | 153.3 | 153.4 | 153.5 | 153.7 | 153.7 |
| 160° | 150.4 | 150.6 | 150.7 | 151.0 | 151.2 | 151.4 | 151.4 | 151.6 | 151.8 | 151.9 | 152.0 |
| 162.5° | 149.4 | 149.5 | 149.6 | 149.9 | 150.0 | 150.2 | 150.4 | 150.5 | 150.7 | 150.8 | 150.9 |
| 165° | 147.8 | 148.1 | 148.4 | 148.6 | 148.8 | 149.1 | 149.3 | 149.4 | 149.4 | 149.5 | 149.5 |
| 167.5° | 148.1 | 148.4 | 148.5 | 148.8 | 148.9 | 149.2 | 149.4 | 149.5 | 149.5 | 149.5 | 149.6 |
| 170° | 148.0 | 148.2 | 148.4 | 148.5 | 148.8 | 148.9 | 149.1 | 149.1 | 149.2 | 149.3 | 149.3 |
| 172.5° | 147.8 | 148.1 | 148.4 | 148.5 | 148.8 | 149.0 | 149.3 | 149.3 | 149.2 | 149.1 | 149.0 |
| 175° | 147.9 | 148.1 | 148.3 | 148.5 | 148.6 | 148.8 | 149.1 | 148.9 | 149.0 | 148.8 | 148.8 |
| 177.5° | 149.2 | 149.5 | 149.6 | 149.8 | 150.1 | 150.3 | 150.5 | 150.4 | 150.2 | 150.0 | 149.8 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9589.0 | 9593.8 | 9601.1 | 9607.8 | 9617.8 | 9625.7 | 9637.5 | 9646.5 | 9659.9 | 9668.6 | 9683.2 |
| 5° | 9589.9 | 9608.6 | 9633.3 | 9657.4 | 9686.3 | 9712.6 | 9745.2 | 9773.0 | 9805.8 | 9832.6 | 9866.2 |
| 7.5° | 9603.4 | 9639.6 | 9682.9 | 9726.6 | 9776.0 | 9822.3 | 9874.4 | 9921.5 | 9973.0 | 10016.7 | 10064.2 |
| 10° | 9613.4 | 9669.2 | 9733.1 | 9797.4 | 9865.1 | 9928.0 | 9991.5 | 10046.3 | 10097.6 | 10139.8 | 10177.1 |
| 12.5° | 9599.8 | 9676.7 | 9758.7 | 9837.9 | 9913.2 | 9978.2 | 10032.9 | 10075.0 | 10104.2 | 10124.0 | 10128.6 |
| 15° | 9553.7 | 9646.2 | 9735.4 | 9814.3 | 9876.7 | 9924.8 | 9949.8 | 9961.5 | 9949.0 | 9928.1 | 9882.4 |
| 17.5° | 9467.6 | 9565.1 | 9644.9 | 9707.1 | 9740.0 | 9753.2 | 9732.5 | 9696.5 | 9626.4 | 9548.4 | 9435.9 |
| 20° | 9309.7 | 9400.6 | 9458.5 | 9492.3 | 9483.6 | 9450.8 | 9372.9 | 9278.1 | 9138.0 | 8988.5 | 8791.4 |
| 22.5° | 9032.7 | 9112.2 | 9143.0 | 9145.5 | 9091.7 | 9009.9 | 8869.2 | 8706.7 | 8485.6 | 8255.7 | 7973.0 |
| 25° | 8617.0 | 8686.6 | 8691.5 | 8664.1 | 8565.5 | 8433.0 | 8226.6 | 7996.5 | 7696.1 | 7389.8 | 7035.5 |
| 27.5° | 8053.2 | 8119.9 | 8103.6 | 8052.6 | 7915.7 | 7738.4 | 7474.0 | 7176.9 | 6806.4 | 6444.6 | 6052.7 |
| 30° | 7344.3 | 7415.8 | 7396.6 | 7331.1 | 7168.3 | 6958.8 | 6647.7 | 6302.5 | 5891.2 | 5504.8 | 5107.6 |
| 32.5° | 6496.2 | 6586.4 | 6573.2 | 6511.0 | 6341.1 | 6116.9 | 5779.3 | 5413.2 | 4992.4 | 4611.6 | 4225.2 |
| 35° | 5532.1 | 5641.6 | 5647.3 | 5606.6 | 5448.9 | 5227.3 | 4894.0 | 4539.7 | 4136.6 | 3777.3 | 3420.4 |
| 37.5° | 4493.4 | 4620.5 | 4646.5 | 4635.5 | 4504.8 | 4309.2 | 4005.5 | 3687.6 | 3330.6 | 3015.6 | 2710.4 |
| 40° | 3448.9 | 3577.6 | 3622.1 | 3635.4 | 3538.9 | 3387.4 | 3138.2 | 2881.6 | 2590.5 | 2335.3 | 2092.9 |
| 42.5° | 2496.5 | 2610.4 | 2653.6 | 2680.6 | 2620.5 | 2519.4 | 2337.6 | 2151.3 | 1938.0 | 1754.0 | 1577.6 |
| 45° | 1733.8 | 1814.5 | 1847.3 | 1874.6 | 1841.8 | 1784.7 | 1669.9 | 1553.4 | 1412.6 | 1292.3 | 1178.5 |
| 47.5° | 1212.2 | 1256.7 | 1278.4 | 1291.6 | 1278.9 | 1249.1 | 1186.7 | 1119.1 | 1039.7 | 969.4 | 901.8 |
| 50° | 898.5 | 922.2 | 933.5 | 941.1 | 931.9 | 915.4 | 881.6 | 844.8 | 801.2 | 761.4 | 722.4 |
| 52.5° | 712.0 | 725.6 | 732.3 | 736.5 | 731.1 | 721.1 | 701.4 | 679.6 | 653.4 | 628.8 | 615.9 |
| 55° | 599.9 | 599.2 | 614.7 | 607.2 | 614.7 | 597.9 | 594.5 | 570.4 | 548.7 | 533.5 | 516.9 |
| 57.5° | 494.7 | 501.7 | 504.7 | 508.1 | 505.9 | 502.8 | 494.5 | 485.9 | 474.5 | 464.9 | 454.6 |
| 60° | 428.2 | 434.0 | 437.3 | 440.6 | 440.4 | 439.2 | 434.4 | 429.2 | 422.2 | 416.4 | 410.2 |
| 62.5° | 382.5 | 387.5 | 390.7 | 393.9 | 394.2 | 393.7 | 390.0 | 386.5 | 381.6 | 377.9 | 373.7 |
| 65° | 346.4 | 349.9 | 352.1 | 354.6 | 354.6 | 353.8 | 350.6 | 347.6 | 343.6 | 341.1 | 337.9 |
| 67.5° | 308.7 | 311.3 | 313.0 | 315.5 | 315.9 | 316.0 | 314.2 | 312.9 | 310.9 | 310.1 | 309.1 |
| 70° | 281.9 | 285.1 | 287.9 | 290.9 | 292.6 | 293.3 | 292.6 | 291.8 | 290.7 | 290.2 | 289.4 |
| 72.5° | 261.6 | 264.3 | 266.5 | 269.2 | 270.7 | 271.8 | 271.3 | 270.8 | 269.8 | 269.7 | 269.1 |
| 75° | 236.4 | 238.3 | 239.5 | 241.5 | 242.4 | 243.3 | 242.9 | 243.2 | 242.9 | 243.6 | 243.6 |
| 77.5° | 206.1 | 207.5 | 208.0 | 209.5 | 209.6 | 210.9 | 211.2 | 212.6 | 213.7 | 216.0 | 217.2 |
| 80° | 171.9 | 172.8 | 172.8 | 174.4 | 175.1 | 177.2 | 178.2 | 180.5 | 181.6 | 183.7 | 183.9 |
| 82.5° | 133.6 | 132.6 | 133.6 | 133.0 | 134.9 | 137.2 | 137.6 | 139.6 | 140.0 | 141.4 | 140.4 |
| 85° | 91.4 | 91.3 | 90.5 | 90.5 | 90.0 | 90.3 | 89.9 | 90.3 | 89.9 | 90.0 | 89.0 |
| 87.5° | 43.8 | 44.1 | 43.2 | 43.5 | 42.6 | 43.1 | 42.2 | 42.9 | 41.9 | 42.1 | 40.6 |
| 90° | 13.5 | 13.9 | 14.2 | 14.7 | 15.2 | 16.3 | 17.5 | 18.6 | 19.9 | 21.0 | 22.3 |
| 92.5° | 15.5 | 16.1 | 16.8 | 17.3 | 17.9 | 19.8 | 21.6 | 23.5 | 25.4 | 27.1 | 28.9 |
| 95° | 17.8 | 18.3 | 18.9 | 19.5 | 20.0 | 22.7 | 25.3 | 27.9 | 30.5 | 33.3 | 35.9 |
| 97.5° | 20.1 | 20.5 | 20.8 | 21.1 | 21.5 | 24.6 | 27.7 | 30.8 | 33.9 | 37.1 | 40.2 |
| 100° | 23.1 | 23.6 | 23.9 | 24.5 | 24.8 | 32.0 | 39.2 | 46.3 | 53.5 | 60.6 | 67.8 |
| 102.5° | 38.2 | 40.8 | 43.3 | 45.9 | 48.4 | 65.8 | 83.2 | 100.5 | 117.8 | 135.2 | 152.6 |
| 105° | 88.5 | 97.0 | 105.6 | 114.0 | 122.4 | 148.7 | 175.1 | 201.4 | 227.6 | 254.0 | 280.2 |
| 107.5° | 180.4 | 195.2 | 210.3 | 225.1 | 240.0 | 264.7 | 289.4 | 314.1 | 338.9 | 363.6 | 388.3 |
| 110° | 277.0 | 289.8 | 302.6 | 315.5 | 328.4 | 347.9 | 367.6 | 387.3 | 406.9 | 426.6 | 446.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 333.3 | 341.1 | 348.9 | 356.7 | 364.6 | 379.0 | 393.4 | 407.8 | 422.3 | 436.6 | 451.0 |
| 115° | 347.8 | 351.8 | 356.1 | 360.2 | 364.3 | 373.1 | 381.8 | 390.5 | 399.2 | 407.8 | 416.6 |
| 117.5° | 337.7 | 339.2 | 340.7 | 342.1 | 343.6 | 348.1 | 352.7 | 357.1 | 361.6 | 366.2 | 370.6 |
| 120° | 313.1 | 313.0 | 313.0 | 312.8 | 312.7 | 314.0 | 315.6 | 317.0 | 318.4 | 319.8 | 321.2 |
| 122.5° | 285.4 | 284.4 | 283.4 | 282.4 | 281.4 | 281.0 | 280.5 | 280.1 | 279.7 | 279.1 | 278.7 |
| 125° | 259.1 | 258.1 | 257.0 | 256.1 | 255.0 | 253.9 | 252.7 | 251.3 | 250.1 | 249.0 | 247.7 |
| 127.5° | 236.6 | 235.7 | 234.8 | 233.9 | 233.0 | 231.6 | 230.3 | 228.8 | 227.5 | 226.1 | 224.7 |
| 130° | 218.0 | 217.3 | 216.7 | 215.9 | 215.3 | 214.1 | 212.9 | 211.7 | 210.4 | 209.4 | 208.1 |
| 132.5° | 204.5 | 204.0 | 203.6 | 203.0 | 202.6 | 201.5 | 200.5 | 199.3 | 198.2 | 197.1 | 196.1 |
| 135° | 193.9 | 193.6 | 193.4 | 193.1 | 192.8 | 192.0 | 191.1 | 190.3 | 189.6 | 188.8 | 188.0 |
| 137.5° | 185.2 | 185.1 | 185.1 | 184.9 | 184.9 | 184.2 | 183.5 | 182.8 | 182.3 | 181.5 | 180.9 |
| 140° | 179.5 | 179.5 | 179.5 | 179.4 | 179.3 | 178.5 | 177.9 | 177.1 | 176.5 | 175.7 | 175.0 |
| 142.5° | 173.6 | 173.7 | 173.6 | 173.6 | 173.5 | 172.8 | 172.4 | 171.8 | 171.3 | 170.8 | 170.2 |
| 145° | 169.2 | 169.3 | 169.5 | 169.4 | 169.5 | 168.8 | 168.2 | 167.5 | 166.9 | 166.2 | 165.7 |
| 147.5° | 165.1 | 165.1 | 165.2 | 165.4 | 165.5 | 164.9 | 164.4 | 163.8 | 163.3 | 162.7 | 162.3 |
| 150° | 162.0 | 162.0 | 162.0 | 162.0 | 162.0 | 161.4 | 160.9 | 160.2 | 159.8 | 159.2 | 158.7 |
| 152.5° | 158.9 | 159.0 | 159.0 | 159.0 | 159.1 | 158.5 | 157.9 | 157.3 | 156.7 | 156.1 | 155.5 |
| 155° | 156.2 | 156.2 | 156.2 | 156.2 | 156.2 | 155.6 | 155.1 | 154.5 | 154.0 | 153.4 | 152.9 |
| 157.5° | 153.8 | 153.9 | 154.0 | 154.0 | 154.1 | 153.6 | 153.2 | 152.6 | 152.2 | 151.6 | 151.2 |
| 160° | 152.1 | 152.2 | 152.3 | 152.4 | 152.4 | 152.0 | 151.6 | 151.2 | 150.8 | 150.4 | 149.9 |
| 162.5° | 151.0 | 151.2 | 151.2 | 151.3 | 151.4 | 151.0 | 150.5 | 150.2 | 149.7 | 149.4 | 148.9 |
| 165° | 149.5 | 149.5 | 149.6 | 149.5 | 149.5 | 149.3 | 149.1 | 148.8 | 148.5 | 148.3 | 148.0 |
| 167.5° | 149.6 | 149.5 | 149.6 | 149.6 | 149.6 | 149.5 | 149.4 | 149.0 | 148.8 | 148.6 | 148.5 |
| 170° | 149.4 | 149.3 | 149.3 | 149.4 | 149.3 | 149.1 | 148.9 | 148.7 | 148.6 | 148.3 | 148.1 |
| 172.5° | 149.0 | 148.9 | 148.8 | 148.8 | 148.6 | 148.5 | 148.4 | 148.3 | 148.2 | 148.1 | 147.9 |
| 175° | 148.6 | 148.6 | 148.5 | 148.5 | 148.3 | 148.3 | 148.3 | 148.2 | 148.1 | 148.1 | 148.0 |
| 177.5° | 149.6 | 149.5 | 149.3 | 149.1 | 149.0 | 148.9 | 148.8 | 148.8 | 148.8 | 148.7 | 148.6 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9692.2 | 9632.4 | 9624.5 | 9628.7 | 9638.6 | 9642.3 | 9653.1 | 9656.1 | 9667.0 | 9669.6 | 9680.0 |
| 5° | 9892.2 | 9813.1 | 9817.0 | 9836.0 | 9864.8 | 9882.0 | 9910.3 | 9925.1 | 9952.1 | 9964.5 | 9988.8 |
| 7.5° | 10103.1 | 10040.9 | 10060.3 | 10092.4 | 10131.8 | 10159.0 | 10193.0 | 10215.2 | 10244.5 | 10262.7 | 10286.2 |
| 10° | 10206.6 | 10189.6 | 10210.9 | 10236.2 | 10258.6 | 10276.2 | 10290.6 | 10302.2 | 10309.8 | 10316.8 | 10319.9 |
| 12.5° | 10127.9 | 10154.1 | 10157.8 | 10155.3 | 10140.5 | 10129.1 | 10103.6 | 10086.3 | 10055.4 | 10036.7 | 10000.1 |
| 15° | 9835.8 | 9893.7 | 9861.6 | 9813.0 | 9742.0 | 9682.7 | 9599.0 | 9536.8 | 9449.6 | 9390.5 | 9303.0 |
| 17.5° | 9323.1 | 9396.2 | 9312.6 | 9200.2 | 9057.3 | 8935.0 | 8782.7 | 8661.9 | 8510.4 | 8400.3 | 8259.0 |
| 20° | 8601.4 | 8669.8 | 8520.7 | 8334.4 | 8113.3 | 7927.1 | 7707.7 | 7532.6 | 7328.7 | 7176.9 | 6993.9 |
| 22.5° | 7702.9 | 7751.6 | 7541.5 | 7290.4 | 7008.6 | 6776.2 | 6513.8 | 6303.9 | 6071.0 | 5897.7 | 5702.4 |
| 25° | 6708.8 | 6722.0 | 6470.0 | 6180.7 | 5866.7 | 5605.4 | 5325.2 | 5104.5 | 4867.2 | 4691.3 | 4499.8 |
| 27.5° | 5705.4 | 5686.2 | 5413.9 | 5107.2 | 4776.8 | 4505.3 | 4232.0 | 4025.2 | 3817.3 | 3658.9 | 3493.9 |
| 30° | 4758.5 | 4711.8 | 4429.0 | 4113.7 | 3793.2 | 3549.7 | 3322.9 | 3156.8 | 2991.4 | 2865.8 | 2733.3 |
| 32.5° | 3890.1 | 3824.3 | 3549.0 | 3253.6 | 2983.5 | 2795.6 | 2627.4 | 2501.7 | 2368.1 | 2262.0 | 2150.9 |
| 35° | 3120.9 | 3050.7 | 2806.9 | 2556.5 | 2352.0 | 2213.5 | 2081.3 | 1978.2 | 1864.9 | 1775.3 | 1678.8 |
| 37.5° | 2460.7 | 2403.2 | 2199.0 | 2001.9 | 1847.3 | 1740.0 | 1631.7 | 1547.4 | 1453.7 | 1414.2 | 1311.1 |
| 40° | 1899.7 | 1859.5 | 1699.8 | 1554.5 | 1438.3 | 1388.0 | 1278.0 | 1199.3 | 1129.3 | 1071.6 | 1015.5 |
| 42.5° | 1481.8 | 1467.5 | 1312.1 | 1198.8 | 1117.1 | 1053.5 | 992.2 | 942.5 | 894.1 | 854.3 | 816.7 |
| 45° | 1087.4 | 1076.2 | 1007.1 | 941.8 | 886.0 | 841.6 | 800.2 | 766.0 | 734.3 | 708.1 | 684.3 |
| 47.5° | 846.8 | 843.2 | 803.4 | 762.9 | 727.8 | 699.2 | 672.3 | 649.7 | 628.6 | 611.1 | 605.4 |
| 50° | 688.7 | 688.3 | 664.9 | 639.9 | 614.9 | 598.4 | 581.2 | 567.8 | 554.3 | 543.8 | 532.7 |
| 52.5° | 585.1 | 582.6 | 566.9 | 551.4 | 536.6 | 525.8 | 514.8 | 506.2 | 497.3 | 490.8 | 483.9 |
| 55° | 503.7 | 506.5 | 497.3 | 488.1 | 478.8 | 472.1 | 464.4 | 458.7 | 452.6 | 448.5 | 444.4 |
| 57.5° | 447.2 | 450.7 | 446.0 | 440.7 | 435.1 | 430.7 | 425.3 | 421.4 | 417.4 | 414.7 | 412.4 |
| 60° | 406.1 | 409.9 | 408.0 | 405.4 | 401.9 | 399.2 | 395.9 | 393.7 | 391.1 | 389.6 | 388.3 |
| 62.5° | 371.2 | 376.0 | 375.3 | 374.1 | 371.9 | 370.4 | 368.5 | 367.6 | 365.8 | 365.2 | 364.5 |
| 65° | 336.4 | 341.8 | 341.7 | 341.1 | 339.9 | 339.4 | 338.2 | 338.1 | 337.2 | 337.5 | 337.4 |
| 67.5° | 309.0 | 313.7 | 314.8 | 315.5 | 315.5 | 315.8 | 315.7 | 316.1 | 316.1 | 316.8 | 317.2 |
| 70° | 289.2 | 292.6 | 293.3 | 294.1 | 294.3 | 294.9 | 294.9 | 295.4 | 295.2 | 295.8 | 295.9 |
| 72.5° | 269.3 | 273.6 | 274.3 | 275.0 | 275.0 | 275.6 | 275.3 | 275.2 | 274.3 | 274.2 | 273.5 |
| 75° | 244.4 | 250.0 | 251.1 | 252.0 | 252.1 | 252.6 | 251.9 | 251.3 | 250.0 | 249.3 | 248.3 |
| 77.5° | 218.4 | 224.2 | 225.0 | 225.3 | 224.9 | 225.0 | 223.4 | 222.3 | 220.5 | 219.8 | 218.8 |
| 80° | 184.7 | 193.1 | 193.8 | 193.2 | 192.0 | 191.7 | 190.2 | 189.2 | 187.1 | 186.3 | 185.4 |
| 82.5° | 140.6 | 150.5 | 151.8 | 152.4 | 151.4 | 151.6 | 150.2 | 149.5 | 147.6 | 147.2 | 145.9 |
| 85° | 88.7 | 98.6 | 100.2 | 100.0 | 99.0 | 98.7 | 97.9 | 98.2 | 98.0 | 98.5 | 98.8 |
| 87.5° | 40.8 | 50.3 | 52.7 | 51.9 | 51.8 | 51.1 | 49.6 | 50.2 | 51.1 | 51.7 | 51.8 |
| 90° | 23.5 | 27.6 | 28.6 | 27.8 | 26.2 | 25.3 | 23.7 | 23.0 | 21.5 | 20.8 | 19.3 |
| 92.5° | 30.8 | 32.6 | 34.4 | 32.8 | 31.2 | 29.5 | 27.9 | 26.3 | 24.7 | 23.0 | 21.4 |
| 95° | 38.5 | 41.1 | 43.7 | 41.5 | 39.2 | 37.1 | 34.9 | 32.8 | 30.6 | 28.5 | 26.3 |
| 97.5° | 43.2 | 46.3 | 49.4 | 47.2 | 45.0 | 42.8 | 40.6 | 38.5 | 36.3 | 34.2 | 32.0 |
| 100° | 75.0 | 82.0 | 89.1 | 82.9 | 76.8 | 70.6 | 64.4 | 58.3 | 52.1 | 46.0 | 39.8 |
| 102.5° | 169.8 | 187.2 | 204.5 | 188.9 | 173.4 | 157.7 | 142.1 | 126.6 | 111.0 | 95.3 | 79.8 |
| 105° | 306.4 | 332.6 | 358.8 | 335.0 | 311.2 | 287.4 | 263.7 | 239.9 | 216.2 | 192.3 | 168.6 |
| 107.5° | 413.0 | 437.5 | 462.0 | 440.5 | 419.1 | 397.5 | 376.0 | 354.6 | 333.1 | 311.5 | 290.1 |
| 110° | 465.8 | 485.1 | 504.6 | 490.1 | 475.7 | 461.2 | 446.8 | 432.3 | 417.9 | 403.6 | 389.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 465.4 | 479.4 | 493.6 | 485.1 | 476.6 | 468.3 | 459.8 | 451.4 | 442.9 | 434.6 | 426.2 |
| 115° | 425.2 | 433.4 | 441.9 | 438.6 | 435.2 | 431.9 | 428.5 | 425.2 | 421.9 | 418.6 | 415.4 |
| 117.5° | 374.9 | 378.8 | 383.2 | 382.6 | 381.9 | 381.3 | 380.7 | 380.1 | 379.5 | 378.9 | 378.4 |
| 120° | 322.7 | 323.4 | 324.6 | 324.8 | 325.4 | 325.7 | 326.3 | 326.6 | 327.2 | 327.5 | 328.1 |
| 122.5° | 278.2 | 277.1 | 276.3 | 276.7 | 277.2 | 277.4 | 278.0 | 278.2 | 278.8 | 279.1 | 279.7 |
| 125° | 246.4 | 244.3 | 242.9 | 242.4 | 241.8 | 241.2 | 240.6 | 240.0 | 239.5 | 238.9 | 238.4 |
| 127.5° | 223.3 | 221.1 | 219.4 | 218.2 | 216.8 | 215.3 | 214.1 | 212.7 | 211.4 | 210.0 | 208.7 |
| 130° | 206.9 | 204.7 | 203.4 | 201.7 | 200.0 | 198.2 | 196.6 | 195.0 | 193.2 | 191.6 | 189.9 |
| 132.5° | 195.0 | 193.0 | 191.7 | 190.1 | 188.5 | 186.9 | 185.3 | 183.5 | 182.0 | 180.3 | 178.7 |
| 135° | 187.2 | 185.3 | 184.3 | 182.7 | 181.4 | 179.9 | 178.4 | 176.9 | 175.5 | 173.9 | 172.6 |
| 137.5° | 180.2 | 178.5 | 177.5 | 176.4 | 175.3 | 174.0 | 172.9 | 171.7 | 170.6 | 169.2 | 168.2 |
| 140° | 174.3 | 172.4 | 171.5 | 170.9 | 170.2 | 169.6 | 168.8 | 168.2 | 167.5 | 166.9 | 166.1 |
| 142.5° | 169.7 | 167.9 | 167.1 | 166.8 | 166.4 | 165.9 | 165.6 | 165.1 | 164.7 | 164.1 | 163.8 |
| 145° | 165.0 | 163.0 | 162.1 | 162.0 | 162.1 | 162.0 | 162.0 | 161.9 | 161.9 | 161.8 | 161.8 |
| 147.5° | 161.7 | 159.7 | 158.8 | 158.9 | 159.0 | 159.1 | 159.2 | 159.2 | 159.2 | 159.3 | 159.4 |
| 150° | 158.0 | 155.7 | 154.7 | 154.9 | 155.1 | 155.3 | 155.5 | 155.7 | 155.9 | 156.1 | 156.3 |
| 152.5° | 154.9 | 152.2 | 151.0 | 151.2 | 151.4 | 151.6 | 151.9 | 152.1 | 152.4 | 152.6 | 152.9 |
| 155° | 152.3 | 149.3 | 148.1 | 148.2 | 148.2 | 148.4 | 148.4 | 148.5 | 148.6 | 148.8 | 149.0 |
| 157.5° | 150.5 | 147.6 | 146.5 | 146.4 | 146.4 | 146.4 | 146.5 | 146.5 | 146.6 | 146.6 | 146.7 |
| 160° | 149.5 | 146.5 | 145.4 | 145.3 | 145.3 | 145.3 | 145.3 | 145.3 | 145.4 | 145.5 | 145.5 |
| 162.5° | 148.5 | 145.5 | 144.4 | 144.4 | 144.3 | 144.3 | 144.4 | 144.2 | 144.3 | 144.4 | 144.4 |
| 165° | 147.6 | 145.1 | 144.2 | 144.1 | 144.2 | 144.2 | 144.3 | 144.4 | 144.5 | 144.6 | 144.7 |
| 167.5° | 148.2 | 145.9 | 145.2 | 145.1 | 144.9 | 144.8 | 144.8 | 144.7 | 144.7 | 144.7 | 144.7 |
| 170° | 147.8 | 146.0 | 145.4 | 145.4 | 145.5 | 145.4 | 145.4 | 145.5 | 145.5 | 145.5 | 145.6 |
| 172.5° | 147.7 | 146.4 | 146.0 | 146.0 | 146.2 | 146.3 | 146.5 | 146.5 | 146.6 | 146.7 | 146.9 |
| 175° | 147.9 | 147.2 | 147.0 | 147.0 | 147.0 | 147.1 | 147.2 | 147.2 | 147.3 | 147.4 | 147.5 |
| 177.5° | 148.6 | 148.4 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.3 | 148.3 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9682.0 | 9693.3 | 9692.5 | 9703.0 | 9702.4 | 9712.4 | 9710.4 | 9719.0 | 9717.0 | 9724.4 | 9720.0 |
| 5° | 9999.6 | 10021.1 | 10028.2 | 10047.6 | 10051.6 | 10068.9 | 10069.2 | 10083.0 | 10081.4 | 10092.2 | 10086.4 |
| 7.5° | 10300.1 | 10320.1 | 10329.6 | 10344.7 | 10352.2 | 10364.6 | 10369.5 | 10379.7 | 10382.2 | 10388.3 | 10388.1 |
| 10° | 10325.4 | 10325.4 | 10330.0 | 10327.9 | 10332.2 | 10329.7 | 10334.9 | 10333.0 | 10340.6 | 10338.6 | 10344.3 |
| 12.5° | 9984.2 | 9950.4 | 9938.0 | 9907.6 | 9900.9 | 9874.8 | 9876.7 | 9860.0 | 9868.0 | 9857.8 | 9875.3 |
| 15° | 9251.0 | 9172.5 | 9133.7 | 9065.4 | 9044.0 | 8990.0 | 8985.6 | 8949.7 | 8959.4 | 8940.7 | 8968.0 |
| 17.5° | 8167.6 | 8043.9 | 7976.1 | 7876.3 | 7836.8 | 7760.4 | 7745.0 | 7698.9 | 7706.1 | 7682.9 | 7715.9 |
| 20° | 6875.8 | 6726.3 | 6640.8 | 6525.4 | 6474.0 | 6382.9 | 6358.8 | 6307.1 | 6313.7 | 6290.6 | 6328.0 |
| 22.5° | 5569.2 | 5412.8 | 5316.2 | 5195.3 | 5129.6 | 5044.0 | 5018.3 | 4966.5 | 4969.4 | 4947.7 | 4983.7 |
| 25° | 4368.6 | 4218.6 | 4124.8 | 4015.0 | 3958.0 | 3879.5 | 3852.5 | 3805.9 | 3808.6 | 3790.7 | 3823.0 |
| 27.5° | 3379.4 | 3256.3 | 3177.9 | 3085.9 | 3034.8 | 2970.2 | 2943.9 | 2904.8 | 2904.6 | 2891.6 | 2918.6 |
| 30° | 2640.9 | 2538.2 | 2467.7 | 2387.5 | 2339.5 | 2281.3 | 2255.9 | 2220.9 | 2219.3 | 2210.0 | 2231.5 |
| 32.5° | 2067.7 | 1976.3 | 1912.1 | 1841.6 | 1798.5 | 1748.5 | 1724.5 | 1696.3 | 1693.7 | 1685.3 | 1702.9 |
| 35° | 1607.4 | 1530.4 | 1475.2 | 1415.8 | 1420.2 | 1346.5 | 1358.8 | 1301.5 | 1286.0 | 1282.5 | 1295.7 |
| 37.5° | 1242.3 | 1182.8 | 1137.8 | 1093.4 | 1063.2 | 1032.1 | 1015.4 | 1000.3 | 998.6 | 997.1 | 1006.3 |
| 40° | 972.4 | 930.7 | 898.1 | 867.5 | 846.8 | 827.8 | 817.3 | 809.1 | 807.1 | 806.0 | 811.5 |
| 42.5° | 787.0 | 758.9 | 737.8 | 719.2 | 706.6 | 696.2 | 690.5 | 685.9 | 684.4 | 684.5 | 687.7 |
| 45° | 664.9 | 647.8 | 634.2 | 622.7 | 614.7 | 618.2 | 607.8 | 613.2 | 606.1 | 613.5 | 608.6 |
| 47.5° | 585.6 | 571.0 | 562.6 | 554.4 | 549.6 | 545.6 | 545.8 | 545.9 | 547.4 | 547.6 | 549.2 |
| 50° | 524.3 | 515.9 | 510.1 | 504.8 | 502.3 | 500.2 | 500.9 | 501.5 | 503.0 | 503.1 | 504.3 |
| 52.5° | 479.0 | 473.5 | 469.9 | 466.7 | 465.6 | 464.4 | 464.9 | 464.7 | 465.3 | 465.0 | 465.9 |
| 55° | 442.1 | 439.5 | 438.4 | 437.2 | 437.4 | 437.0 | 437.2 | 436.1 | 435.4 | 434.5 | 435.3 |
| 57.5° | 411.8 | 411.5 | 412.2 | 412.7 | 414.1 | 414.6 | 414.9 | 413.6 | 412.3 | 411.1 | 411.8 |
| 60° | 388.5 | 389.1 | 390.9 | 392.4 | 394.4 | 395.3 | 395.9 | 395.2 | 394.3 | 393.3 | 393.8 |
| 62.5° | 365.5 | 366.4 | 368.6 | 370.3 | 372.7 | 374.0 | 375.3 | 375.4 | 375.8 | 375.4 | 375.8 |
| 65° | 338.8 | 339.9 | 341.9 | 343.3 | 345.6 | 346.7 | 348.0 | 348.3 | 349.1 | 348.9 | 349.6 |
| 67.5° | 318.5 | 319.5 | 321.2 | 322.5 | 324.5 | 325.6 | 326.9 | 326.9 | 327.3 | 327.2 | 327.8 |
| 70° | 296.9 | 297.4 | 298.9 | 300.0 | 302.0 | 303.2 | 304.5 | 305.0 | 305.9 | 306.0 | 306.7 |
| 72.5° | 273.8 | 273.6 | 274.4 | 275.0 | 276.4 | 277.4 | 279.2 | 280.2 | 281.7 | 282.0 | 282.6 |
| 75° | 248.7 | 248.4 | 249.5 | 250.0 | 251.2 | 252.1 | 254.2 | 255.5 | 257.9 | 258.8 | 258.5 |
| 77.5° | 219.6 | 220.1 | 222.1 | 223.1 | 224.9 | 226.0 | 228.7 | 230.8 | 235.0 | 236.9 | 235.0 |
| 80° | 187.1 | 187.5 | 189.6 | 190.7 | 192.9 | 194.3 | 197.3 | 199.8 | 203.6 | 204.4 | 203.3 |
| 82.5° | 147.0 | 147.2 | 149.0 | 149.8 | 152.7 | 154.8 | 158.6 | 160.5 | 162.9 | 162.5 | 162.2 |
| 85° | 100.2 | 101.6 | 104.0 | 106.2 | 109.8 | 113.2 | 116.7 | 119.6 | 117.6 | 120.8 | 117.2 |
| 87.5° | 53.6 | 53.5 | 56.6 | 56.1 | 61.1 | 64.0 | 67.0 | 68.4 | 70.1 | 69.8 | 69.8 |
| 90° | 18.7 | 17.7 | 17.5 | 16.5 | 16.6 | 15.4 | 15.7 | 14.8 | 15.2 | 14.0 | 15.8 |
| 92.5° | 19.8 | 18.9 | 18.0 | 17.1 | 16.2 | 15.4 | 14.5 | 13.6 | 12.8 | 11.9 | 12.8 |
| 95° | 24.1 | 23.3 | 22.5 | 21.7 | 20.8 | 20.1 | 19.3 | 18.5 | 17.7 | 16.9 | 17.9 |
| 97.5° | 29.8 | 29.4 | 28.9 | 28.4 | 27.9 | 27.5 | 27.0 | 26.5 | 26.0 | 25.6 | 26.2 |
| 100° | 33.6 | 33.6 | 33.6 | 33.6 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 34.1 |
| 102.5° | 64.3 | 62.7 | 61.2 | 59.5 | 58.0 | 56.4 | 54.8 | 53.3 | 51.8 | 50.2 | 52.5 |
| 105° | 144.8 | 138.8 | 132.7 | 126.5 | 120.4 | 114.3 | 108.2 | 102.1 | 96.0 | 89.9 | 96.2 |
| 107.5° | 268.6 | 257.5 | 246.3 | 235.3 | 224.1 | 213.0 | 201.9 | 190.9 | 179.7 | 168.7 | 178.6 |
| 110° | 374.8 | 363.0 | 351.2 | 339.4 | 327.5 | 315.9 | 304.1 | 292.3 | 280.5 | 268.7 | 278.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 417.7 | 410.0 | 402.5 | 394.8 | 387.2 | 379.7 | 372.0 | 364.4 | 356.9 | 349.3 | 353.9 |
| 115° | 412.0 | 408.4 | 404.8 | 401.1 | 397.5 | 393.9 | 390.3 | 386.6 | 383.1 | 379.5 | 379.8 |
| 117.5° | 377.8 | 376.6 | 375.4 | 374.1 | 373.0 | 371.8 | 370.6 | 369.4 | 368.2 | 367.2 | 364.6 |
| 120° | 328.6 | 328.9 | 329.2 | 329.7 | 330.1 | 330.5 | 330.8 | 331.4 | 331.8 | 332.3 | 328.8 |
| 122.5° | 280.1 | 280.9 | 281.8 | 282.8 | 283.6 | 284.6 | 285.5 | 286.6 | 287.6 | 288.6 | 285.1 |
| 125° | 237.8 | 238.6 | 239.5 | 240.4 | 241.3 | 242.2 | 243.2 | 244.3 | 245.2 | 246.2 | 243.3 |
| 127.5° | 207.5 | 207.7 | 207.9 | 208.3 | 208.5 | 209.0 | 209.4 | 209.8 | 210.3 | 210.8 | 209.0 |
| 130° | 188.2 | 187.8 | 187.5 | 187.2 | 186.8 | 186.6 | 186.4 | 186.2 | 186.1 | 185.9 | 185.1 |
| 132.5° | 177.1 | 176.3 | 175.6 | 174.7 | 174.0 | 173.4 | 172.7 | 172.2 | 171.6 | 171.1 | 170.8 |
| 135° | 171.0 | 169.9 | 168.8 | 167.9 | 166.8 | 166.0 | 165.0 | 164.2 | 163.4 | 162.6 | 162.8 |
| 137.5° | 166.9 | 165.9 | 164.9 | 163.9 | 162.8 | 161.9 | 161.0 | 160.1 | 159.2 | 158.5 | 158.8 |
| 140° | 165.5 | 164.4 | 163.3 | 162.3 | 161.4 | 160.4 | 159.5 | 158.7 | 157.8 | 157.2 | 157.3 |
| 142.5° | 163.3 | 162.4 | 161.4 | 160.5 | 159.6 | 158.8 | 158.0 | 157.2 | 156.4 | 155.8 | 156.0 |
| 145° | 161.7 | 161.0 | 160.2 | 159.5 | 158.9 | 158.4 | 157.7 | 157.2 | 156.7 | 156.3 | 156.3 |
| 147.5° | 159.4 | 159.0 | 158.3 | 157.9 | 157.3 | 157.0 | 156.4 | 156.1 | 155.6 | 155.3 | 155.4 |
| 150° | 156.4 | 156.2 | 155.7 | 155.4 | 155.1 | 154.8 | 154.5 | 154.3 | 154.0 | 153.8 | 153.7 |
| 152.5° | 153.1 | 152.8 | 152.4 | 152.2 | 151.9 | 151.6 | 151.4 | 151.2 | 151.0 | 150.7 | 150.7 |
| 155° | 149.2 | 149.0 | 148.9 | 148.7 | 148.6 | 148.5 | 148.5 | 148.5 | 148.4 | 148.3 | 148.3 |
| 157.5° | 146.8 | 146.7 | 146.7 | 146.8 | 146.7 | 146.8 | 146.7 | 146.8 | 146.8 | 146.9 | 147.0 |
| 160° | 145.6 | 145.6 | 145.5 | 145.6 | 145.4 | 145.4 | 145.3 | 145.4 | 145.3 | 145.3 | 145.5 |
| 162.5° | 144.5 | 144.7 | 144.7 | 144.7 | 144.8 | 144.9 | 145.0 | 145.1 | 145.2 | 145.4 | 145.5 |
| 165° | 144.8 | 144.7 | 144.7 | 144.7 | 144.7 | 144.7 | 144.7 | 144.8 | 144.8 | 144.9 | 145.1 |
| 167.5° | 144.7 | 144.7 | 144.8 | 144.8 | 144.9 | 145.1 | 145.3 | 145.4 | 145.5 | 145.7 | 145.9 |
| 170° | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.7 | 145.8 | 145.9 |
| 172.5° | 147.0 | 147.0 | 146.9 | 147.0 | 146.9 | 147.0 | 147.0 | 147.0 | 147.0 | 147.1 | 147.2 |
| 175° | 147.5 | 147.6 | 147.7 | 147.7 | 147.8 | 147.9 | 148.0 | 148.0 | 148.1 | 148.2 | 148.2 |
| 177.5° | 148.3 | 148.3 | 148.3 | 148.3 | 148.3 | 148.4 | 148.4 | 148.4 | 148.4 | 148.3 | 148.4 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9727.2 | 9722.3 | 9727.3 | 9722.3 | 9727.3 | 9721.3 | 9725.4 | 9718.8 | 9720.5 | 9713.7 | 9715.4 |
| 5° | 10095.0 | 10087.3 | 10091.3 | 10081.3 | 10082.4 | 10068.9 | 10068.7 | 10053.0 | 10048.8 | 10031.0 | 10023.2 |
| 7.5° | 10392.4 | 10389.9 | 10391.3 | 10384.8 | 10384.1 | 10374.8 | 10370.5 | 10357.5 | 10349.4 | 10333.0 | 10321.7 |
| 10° | 10345.3 | 10352.9 | 10354.9 | 10362.6 | 10364.2 | 10371.8 | 10373.5 | 10381.1 | 10382.7 | 10388.3 | 10388.4 |
| 12.5° | 9874.5 | 9900.2 | 9906.4 | 9938.2 | 9951.6 | 9987.9 | 10007.4 | 10047.6 | 10071.3 | 10111.4 | 10135.9 |
| 15° | 8967.3 | 9011.9 | 9029.7 | 9091.7 | 9126.1 | 9198.6 | 9244.1 | 9327.4 | 9386.1 | 9474.5 | 9537.6 |
| 17.5° | 7718.8 | 7781.1 | 7809.2 | 7893.4 | 7948.3 | 8055.4 | 8132.4 | 8259.4 | 8356.5 | 8497.6 | 8609.4 |
| 20° | 6334.4 | 6403.6 | 6441.7 | 6537.7 | 6602.6 | 6727.6 | 6823.8 | 6979.8 | 7109.9 | 7288.7 | 7441.5 |
| 22.5° | 4995.1 | 5060.9 | 5103.2 | 5200.9 | 5273.9 | 5404.3 | 5511.9 | 5676.5 | 5822.3 | 6023.6 | 6206.9 |
| 25° | 3835.2 | 3895.6 | 3933.8 | 4022.2 | 4090.8 | 4210.6 | 4313.3 | 4471.6 | 4614.3 | 4816.3 | 5004.2 |
| 27.5° | 2932.0 | 2982.5 | 3019.4 | 3094.8 | 3155.2 | 3256.8 | 3345.1 | 3476.0 | 3598.9 | 3773.6 | 3941.0 |
| 30° | 2244.7 | 2289.5 | 2325.4 | 2391.0 | 2447.1 | 2535.2 | 2612.8 | 2722.7 | 2824.4 | 2963.4 | 3096.6 |
| 32.5° | 1715.3 | 1753.8 | 1785.8 | 1843.3 | 1894.1 | 1973.4 | 2043.4 | 2139.8 | 2227.0 | 2344.9 | 2454.5 |
| 35° | 1307.8 | 1383.7 | 1378.3 | 1457.6 | 1470.3 | 1527.3 | 1589.7 | 1673.9 | 1751.2 | 1851.5 | 1944.7 |
| 37.5° | 1015.1 | 1036.5 | 1059.3 | 1094.3 | 1131.2 | 1182.9 | 1235.7 | 1338.6 | 1376.4 | 1452.1 | 1529.2 |
| 40° | 818.6 | 833.0 | 848.1 | 871.8 | 897.5 | 934.1 | 972.4 | 1021.5 | 1071.8 | 1133.3 | 1196.1 |
| 42.5° | 692.1 | 700.2 | 709.8 | 723.7 | 739.7 | 762.8 | 788.4 | 821.7 | 856.8 | 900.0 | 944.1 |
| 45° | 618.3 | 614.4 | 617.3 | 624.7 | 634.3 | 648.4 | 664.6 | 685.2 | 708.0 | 736.0 | 765.8 |
| 47.5° | 549.6 | 551.1 | 552.0 | 556.0 | 561.2 | 570.6 | 580.4 | 594.5 | 621.5 | 629.6 | 645.9 |
| 50° | 504.2 | 504.9 | 504.6 | 506.7 | 509.4 | 515.4 | 521.8 | 531.3 | 540.7 | 553.3 | 565.3 |
| 52.5° | 466.1 | 467.1 | 467.0 | 468.4 | 469.8 | 473.6 | 477.6 | 484.3 | 490.6 | 498.6 | 505.4 |
| 55° | 436.0 | 437.5 | 438.1 | 439.2 | 439.9 | 441.9 | 443.6 | 446.7 | 449.4 | 453.9 | 458.1 |
| 57.5° | 412.9 | 414.9 | 415.8 | 416.3 | 415.5 | 415.4 | 414.8 | 415.5 | 416.0 | 418.5 | 420.8 |
| 60° | 394.7 | 396.3 | 396.6 | 396.3 | 394.9 | 393.8 | 392.1 | 391.5 | 391.3 | 392.4 | 393.7 |
| 62.5° | 375.7 | 376.3 | 375.9 | 375.4 | 373.7 | 372.7 | 370.9 | 370.2 | 369.6 | 370.5 | 371.1 |
| 65° | 349.4 | 349.8 | 349.4 | 349.0 | 347.6 | 346.7 | 345.2 | 344.7 | 343.9 | 344.0 | 344.0 |
| 67.5° | 327.9 | 328.5 | 328.1 | 327.6 | 326.6 | 326.1 | 325.0 | 324.3 | 323.3 | 322.8 | 322.1 |
| 70° | 306.6 | 307.0 | 306.4 | 306.0 | 304.8 | 304.3 | 303.3 | 303.1 | 302.3 | 302.1 | 301.3 |
| 72.5° | 282.0 | 282.1 | 281.2 | 281.1 | 280.1 | 280.1 | 279.7 | 280.1 | 280.1 | 280.4 | 280.2 |
| 75° | 257.0 | 256.7 | 255.6 | 255.4 | 254.7 | 255.0 | 254.6 | 255.2 | 255.2 | 256.1 | 256.3 |
| 77.5° | 231.8 | 230.6 | 228.5 | 227.6 | 226.2 | 226.0 | 225.2 | 225.8 | 225.6 | 226.7 | 227.1 |
| 80° | 200.1 | 198.5 | 195.9 | 194.7 | 193.0 | 192.8 | 192.1 | 192.8 | 192.4 | 193.7 | 194.6 |
| 82.5° | 159.8 | 158.3 | 155.7 | 154.7 | 152.8 | 153.0 | 152.2 | 153.0 | 152.9 | 154.7 | 155.8 |
| 85° | 118.2 | 117.3 | 114.5 | 112.0 | 109.3 | 107.7 | 106.1 | 105.9 | 105.3 | 106.1 | 106.8 |
| 87.5° | 68.2 | 67.4 | 65.3 | 63.8 | 59.0 | 59.2 | 57.3 | 57.2 | 56.7 | 56.3 | 57.3 |
| 90° | 15.8 | 17.3 | 17.5 | 18.9 | 19.2 | 20.8 | 21.2 | 22.7 | 23.0 | 24.7 | 25.1 |
| 92.5° | 13.6 | 14.5 | 15.4 | 16.2 | 17.1 | 18.0 | 18.9 | 19.8 | 21.7 | 23.5 | 25.5 |
| 95° | 18.9 | 19.9 | 20.9 | 21.9 | 22.9 | 24.0 | 25.0 | 26.0 | 28.8 | 31.5 | 34.3 |
| 97.5° | 26.9 | 27.6 | 28.3 | 28.9 | 29.6 | 30.3 | 31.0 | 31.6 | 34.6 | 37.6 | 40.6 |
| 100° | 34.6 | 35.2 | 35.7 | 36.3 | 36.8 | 37.3 | 37.9 | 38.4 | 44.2 | 50.0 | 55.7 |
| 102.5° | 54.8 | 57.1 | 59.4 | 61.7 | 64.1 | 66.3 | 68.7 | 71.0 | 84.2 | 97.3 | 110.6 |
| 105° | 102.5 | 108.8 | 115.2 | 121.4 | 127.8 | 134.0 | 140.4 | 146.6 | 167.8 | 188.9 | 210.0 |
| 107.5° | 188.5 | 198.5 | 208.5 | 218.4 | 228.4 | 238.4 | 248.2 | 258.3 | 278.9 | 299.5 | 320.0 |
| 110° | 287.7 | 297.1 | 306.6 | 316.1 | 325.6 | 335.1 | 344.6 | 354.1 | 366.5 | 378.8 | 391.3 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 358.5 | 363.1 | 367.7 | 372.4 | 377.0 | 381.7 | 386.3 | 391.0 | 397.2 | 403.3 | 409.6 |
| 115° | 380.1 | 380.4 | 380.7 | 380.9 | 381.2 | 381.6 | 381.9 | 382.3 | 384.3 | 386.2 | 388.3 |
| 117.5° | 362.0 | 359.5 | 356.9 | 354.5 | 351.9 | 349.5 | 346.9 | 344.6 | 344.1 | 343.8 | 343.4 |
| 120° | 325.6 | 322.1 | 318.8 | 315.2 | 312.0 | 308.6 | 305.3 | 302.1 | 300.4 | 298.6 | 297.0 |
| 122.5° | 281.8 | 278.3 | 275.1 | 271.6 | 268.3 | 265.0 | 261.8 | 258.6 | 257.4 | 256.2 | 255.1 |
| 125° | 240.4 | 237.7 | 234.9 | 232.0 | 229.4 | 226.7 | 224.0 | 221.4 | 221.3 | 221.2 | 221.2 |
| 127.5° | 207.3 | 205.6 | 203.9 | 202.2 | 200.6 | 199.0 | 197.5 | 195.9 | 196.7 | 197.4 | 198.1 |
| 130° | 184.3 | 183.5 | 182.9 | 182.2 | 181.6 | 181.0 | 180.5 | 179.8 | 181.1 | 182.4 | 183.7 |
| 132.5° | 170.8 | 170.7 | 170.6 | 170.5 | 170.5 | 170.6 | 170.6 | 170.7 | 172.2 | 173.6 | 175.1 |
| 135° | 162.9 | 163.1 | 163.5 | 163.7 | 164.1 | 164.4 | 164.8 | 165.1 | 166.7 | 168.0 | 169.5 |
| 137.5° | 159.2 | 159.5 | 160.0 | 160.4 | 160.9 | 161.3 | 162.0 | 162.4 | 163.6 | 164.7 | 165.9 |
| 140° | 157.6 | 157.9 | 158.2 | 158.6 | 159.0 | 159.4 | 159.9 | 160.2 | 161.2 | 162.1 | 163.0 |
| 142.5° | 156.3 | 156.4 | 156.9 | 157.2 | 157.6 | 157.9 | 158.3 | 158.7 | 159.4 | 160.0 | 160.8 |
| 145° | 156.5 | 156.7 | 157.0 | 157.2 | 157.4 | 157.8 | 158.0 | 158.3 | 158.8 | 159.2 | 159.6 |
| 147.5° | 155.5 | 155.6 | 155.8 | 156.0 | 156.3 | 156.4 | 156.6 | 156.8 | 157.1 | 157.3 | 157.6 |
| 150° | 153.8 | 153.9 | 154.0 | 154.0 | 154.1 | 154.3 | 154.4 | 154.4 | 154.7 | 155.0 | 155.2 |
| 152.5° | 150.8 | 150.9 | 150.9 | 150.9 | 151.0 | 151.2 | 151.2 | 151.3 | 151.5 | 151.8 | 152.0 |
| 155° | 148.5 | 148.5 | 148.7 | 148.8 | 149.0 | 149.1 | 149.3 | 149.4 | 149.5 | 149.6 | 149.8 |
| 157.5° | 147.1 | 147.2 | 147.4 | 147.5 | 147.6 | 147.7 | 147.8 | 148.0 | 148.2 | 148.3 | 148.4 |
| 160° | 145.6 | 145.8 | 146.0 | 146.3 | 146.5 | 146.6 | 146.8 | 147.0 | 147.2 | 147.3 | 147.5 |
| 162.5° | 145.6 | 145.7 | 145.9 | 146.0 | 146.1 | 146.3 | 146.4 | 146.6 | 146.8 | 147.0 | 147.1 |
| 165° | 145.3 | 145.5 | 145.7 | 145.8 | 146.1 | 146.3 | 146.5 | 146.7 | 146.8 | 146.9 | 147.1 |
| 167.5° | 146.0 | 146.2 | 146.5 | 146.6 | 146.8 | 147.0 | 147.2 | 147.4 | 147.5 | 147.6 | 147.7 |
| 170° | 146.2 | 146.3 | 146.5 | 146.6 | 146.8 | 146.9 | 147.2 | 147.3 | 147.6 | 147.7 | 147.8 |
| 172.5° | 147.4 | 147.4 | 147.6 | 147.6 | 147.8 | 147.9 | 148.1 | 148.3 | 148.5 | 148.6 | 148.6 |
| 175° | 148.2 | 148.2 | 148.2 | 148.3 | 148.3 | 148.3 | 148.3 | 148.4 | 148.5 | 148.5 | 148.5 |
| 177.5° | 148.5 | 148.5 | 148.5 | 148.6 | 148.7 | 148.7 | 148.8 | 148.9 | 148.9 | 148.9 | 148.9 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9708.6 | 9709.1 | 9701.3 | 9700.8 | 9693.5 | 9692.6 | 9685.4 | 9683.2 | 9677.4 | 9675.3 | 9669.4 |
| 5° | 10003.2 | 9993.6 | 9971.6 | 9958.7 | 9936.8 | 9922.4 | 9898.8 | 9883.4 | 9860.7 | 9843.5 | 9820.6 |
| 7.5° | 10301.1 | 10286.3 | 10261.5 | 10241.4 | 10211.2 | 10187.1 | 10151.8 | 10122.8 | 10084.5 | 10051.3 | 10011.0 |
| 10° | 10388.4 | 10386.2 | 10379.8 | 10370.7 | 10356.6 | 10340.9 | 10316.7 | 10291.6 | 10258.1 | 10221.6 | 10176.9 |
| 12.5° | 10173.5 | 10196.7 | 10228.4 | 10247.1 | 10269.9 | 10279.9 | 10289.3 | 10286.9 | 10280.8 | 10262.4 | 10236.5 |
| 15° | 9628.9 | 9694.1 | 9780.5 | 9847.4 | 9924.5 | 9980.4 | 10042.2 | 10080.7 | 10119.2 | 10136.9 | 10147.8 |
| 17.5° | 8762.6 | 8886.1 | 9041.0 | 9169.3 | 9317.4 | 9436.4 | 9566.8 | 9664.9 | 9765.9 | 9838.2 | 9903.5 |
| 20° | 7649.9 | 7828.8 | 8047.8 | 8241.3 | 8466.4 | 8661.9 | 8876.2 | 9052.1 | 9233.5 | 9375.3 | 9509.7 |
| 22.5° | 6442.9 | 6655.4 | 6920.3 | 7165.5 | 7455.6 | 7716.3 | 8010.5 | 8266.4 | 8533.7 | 8757.0 | 8972.9 |
| 25° | 5256.1 | 5489.1 | 5778.7 | 6052.4 | 6380.9 | 6684.2 | 7033.0 | 7352.1 | 7697.5 | 7997.4 | 8293.7 |
| 27.5° | 4172.3 | 4401.1 | 4696.8 | 4988.1 | 5335.5 | 5658.6 | 6032.3 | 6383.9 | 6777.3 | 7140.0 | 7511.0 |
| 30° | 3281.5 | 3475.6 | 3740.7 | 4022.9 | 4365.5 | 4694.3 | 5072.2 | 5433.6 | 5842.8 | 6238.9 | 6656.9 |
| 32.5° | 2599.9 | 2747.7 | 2956.2 | 3194.7 | 3510.8 | 3823.9 | 4183.6 | 4532.6 | 4935.6 | 5335.7 | 5770.4 |
| 35° | 2064.8 | 2180.1 | 2339.0 | 2525.2 | 2792.9 | 3062.8 | 3381.0 | 3698.3 | 4074.2 | 4453.9 | 4876.4 |
| 37.5° | 1628.2 | 1721.8 | 1846.2 | 1986.1 | 2200.8 | 2422.3 | 2683.2 | 2946.3 | 3272.9 | 3609.5 | 3992.4 |
| 40° | 1271.4 | 1347.2 | 1444.1 | 1548.4 | 1710.5 | 1881.2 | 2082.9 | 2286.9 | 2549.4 | 2824.5 | 3141.3 |
| 42.5° | 998.8 | 1054.7 | 1123.1 | 1199.3 | 1350.6 | 1441.2 | 1578.1 | 1725.7 | 1918.6 | 2118.3 | 2356.5 |
| 45° | 802.1 | 840.3 | 887.7 | 938.9 | 1009.1 | 1085.9 | 1179.6 | 1277.9 | 1461.2 | 1551.1 | 1696.0 |
| 47.5° | 669.9 | 695.4 | 725.7 | 757.9 | 799.3 | 844.0 | 899.5 | 956.4 | 1029.9 | 1106.0 | 1195.3 |
| 50° | 580.8 | 606.8 | 617.2 | 633.9 | 657.8 | 683.4 | 714.7 | 746.0 | 785.4 | 825.4 | 871.3 |
| 52.5° | 514.7 | 523.1 | 534.5 | 545.1 | 559.8 | 588.9 | 598.4 | 614.7 | 636.8 | 658.4 | 682.6 |
| 55° | 464.1 | 469.7 | 477.0 | 483.4 | 492.4 | 501.0 | 513.3 | 524.3 | 539.0 | 552.0 | 568.1 |
| 57.5° | 424.9 | 428.4 | 433.5 | 437.7 | 443.5 | 448.4 | 455.6 | 461.5 | 470.0 | 477.4 | 487.1 |
| 60° | 396.3 | 398.7 | 402.0 | 404.9 | 408.5 | 411.0 | 414.6 | 417.5 | 421.9 | 425.6 | 431.1 |
| 62.5° | 373.0 | 374.2 | 376.5 | 378.0 | 380.4 | 381.7 | 383.6 | 384.8 | 387.3 | 389.2 | 392.2 |
| 65° | 345.0 | 345.3 | 346.8 | 347.5 | 349.3 | 350.0 | 351.6 | 352.1 | 354.2 | 355.6 | 358.2 |
| 67.5° | 322.1 | 321.5 | 321.5 | 320.9 | 321.2 | 320.7 | 320.8 | 320.2 | 321.0 | 321.5 | 323.5 |
| 70° | 301.2 | 300.3 | 300.0 | 299.0 | 298.7 | 297.7 | 297.5 | 296.6 | 296.5 | 296.2 | 296.9 |
| 72.5° | 280.8 | 280.5 | 280.6 | 279.9 | 279.8 | 279.1 | 279.1 | 278.8 | 279.2 | 279.4 | 280.3 |
| 75° | 257.3 | 257.3 | 257.9 | 257.2 | 257.4 | 256.9 | 257.0 | 256.5 | 256.8 | 256.7 | 257.6 |
| 77.5° | 228.8 | 229.4 | 230.7 | 230.4 | 230.8 | 230.1 | 230.4 | 229.7 | 229.9 | 229.4 | 229.8 |
| 80° | 196.6 | 198.0 | 199.7 | 199.7 | 200.4 | 199.8 | 200.5 | 199.8 | 200.1 | 199.2 | 199.0 |
| 82.5° | 158.5 | 159.7 | 161.5 | 161.5 | 163.1 | 163.4 | 165.1 | 165.0 | 166.1 | 165.5 | 165.0 |
| 85° | 108.3 | 109.1 | 110.8 | 111.6 | 113.2 | 114.2 | 115.8 | 116.6 | 115.3 | 117.6 | 115.8 |
| 87.5° | 56.6 | 58.6 | 57.5 | 60.3 | 59.6 | 62.4 | 61.8 | 64.3 | 63.8 | 66.1 | 65.8 |
| 90° | 27.2 | 27.8 | 29.9 | 30.5 | 33.1 | 34.1 | 34.7 | 33.6 | 34.2 | 33.1 | 33.7 |
| 92.5° | 27.3 | 29.3 | 31.2 | 33.1 | 35.0 | 36.9 | 35.2 | 33.4 | 31.6 | 29.8 | 28.1 |
| 95° | 37.1 | 39.9 | 42.6 | 45.4 | 48.1 | 50.9 | 47.9 | 45.0 | 42.0 | 39.0 | 36.1 |
| 97.5° | 43.6 | 46.5 | 49.5 | 52.5 | 55.5 | 58.5 | 54.9 | 51.4 | 47.9 | 44.4 | 41.0 |
| 100° | 61.5 | 67.2 | 73.1 | 78.8 | 84.7 | 90.4 | 83.8 | 77.2 | 70.8 | 64.2 | 57.6 |
| 102.5° | 123.8 | 137.0 | 150.2 | 163.5 | 176.6 | 189.9 | 175.9 | 162.1 | 148.2 | 134.2 | 120.3 |
| 105° | 231.1 | 252.3 | 273.4 | 294.6 | 315.7 | 336.9 | 314.4 | 291.8 | 269.2 | 246.7 | 224.1 |
| 107.5° | 340.7 | 361.3 | 382.0 | 402.5 | 423.2 | 443.8 | 421.0 | 398.1 | 375.2 | 352.4 | 329.5 |
| 110° | 403.7 | 416.0 | 428.4 | 440.8 | 453.3 | 465.8 | 449.1 | 432.4 | 415.7 | 399.0 | 382.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 112.5° | 415.7 | 422.0 | 428.1 | 434.5 | 440.7 | 446.9 | 434.9 | 423.1 | 411.0 | 399.1 | 387.3 |
| 115° | 390.3 | 392.2 | 394.2 | 396.2 | 398.2 | 400.2 | 392.2 | 384.1 | 376.0 | 368.1 | 359.9 |
| 117.5° | 343.0 | 342.9 | 342.5 | 342.2 | 341.8 | 341.5 | 337.0 | 332.5 | 327.9 | 323.5 | 318.8 |
| 120° | 295.4 | 293.7 | 292.1 | 290.5 | 288.8 | 287.1 | 285.2 | 283.3 | 281.4 | 279.5 | 277.4 |
| 122.5° | 253.9 | 252.9 | 251.7 | 250.5 | 249.3 | 248.2 | 247.4 | 246.7 | 246.0 | 245.2 | 244.4 |
| 125° | 221.2 | 221.2 | 221.1 | 221.1 | 221.1 | 221.0 | 220.6 | 220.1 | 219.9 | 219.4 | 219.0 |
| 127.5° | 198.8 | 199.6 | 200.3 | 201.0 | 201.7 | 202.4 | 202.2 | 202.2 | 202.1 | 202.0 | 201.8 |
| 130° | 185.0 | 186.3 | 187.5 | 188.8 | 190.0 | 191.2 | 191.1 | 190.9 | 190.5 | 190.3 | 190.1 |
| 132.5° | 176.6 | 178.0 | 179.5 | 181.0 | 182.4 | 183.8 | 183.5 | 183.3 | 182.9 | 182.7 | 182.4 |
| 135° | 170.8 | 172.3 | 173.7 | 175.1 | 176.4 | 177.7 | 177.4 | 177.0 | 176.6 | 176.4 | 176.0 |
| 137.5° | 166.9 | 168.0 | 169.0 | 170.1 | 171.2 | 172.3 | 171.8 | 171.6 | 171.2 | 170.8 | 170.6 |
| 140° | 163.9 | 164.7 | 165.5 | 166.5 | 167.2 | 168.1 | 167.7 | 167.2 | 166.8 | 166.3 | 165.9 |
| 142.5° | 161.3 | 162.1 | 162.6 | 163.3 | 163.9 | 164.6 | 164.0 | 163.3 | 162.7 | 162.1 | 161.5 |
| 145° | 160.1 | 160.5 | 160.9 | 161.3 | 161.7 | 162.1 | 161.3 | 160.7 | 160.0 | 159.2 | 158.5 |
| 147.5° | 157.9 | 158.2 | 158.3 | 158.5 | 158.7 | 159.1 | 158.3 | 157.6 | 157.0 | 156.3 | 155.5 |
| 150° | 155.3 | 155.7 | 155.9 | 156.0 | 156.3 | 156.4 | 155.7 | 155.0 | 154.3 | 153.5 | 152.9 |
| 152.5° | 152.2 | 152.4 | 152.6 | 152.7 | 152.9 | 153.1 | 152.4 | 151.8 | 151.1 | 150.4 | 149.7 |
| 155° | 149.9 | 150.1 | 150.2 | 150.3 | 150.4 | 150.5 | 149.8 | 149.4 | 148.8 | 148.2 | 147.6 |
| 157.5° | 148.5 | 148.6 | 148.7 | 148.8 | 148.9 | 149.0 | 148.5 | 148.1 | 147.6 | 147.3 | 146.7 |
| 160° | 147.6 | 147.6 | 147.7 | 147.8 | 147.9 | 148.0 | 147.6 | 147.3 | 146.9 | 146.6 | 146.1 |
| 162.5° | 147.3 | 147.6 | 147.7 | 147.7 | 148.0 | 148.1 | 147.7 | 147.4 | 146.8 | 146.4 | 145.9 |
| 165° | 147.2 | 147.3 | 147.4 | 147.5 | 147.6 | 147.6 | 147.3 | 147.0 | 146.7 | 146.5 | 146.1 |
| 167.5° | 147.8 | 147.9 | 148.0 | 148.1 | 148.1 | 148.2 | 147.9 | 147.7 | 147.4 | 147.0 | 146.7 |
| 170° | 148.0 | 148.2 | 148.4 | 148.4 | 148.5 | 148.6 | 148.5 | 148.2 | 147.9 | 147.7 | 147.5 |
| 172.5° | 148.8 | 149.0 | 149.1 | 149.2 | 149.3 | 149.5 | 149.2 | 148.9 | 148.6 | 148.4 | 148.1 |
| 175° | 148.5 | 148.5 | 148.6 | 148.6 | 148.6 | 148.6 | 148.5 | 148.3 | 148.0 | 147.8 | 147.6 |
| 177.5° | 148.9 | 148.9 | 148.9 | 148.9 | 148.9 | 148.9 | 148.8 | 148.6 | 148.5 | 148.4 | 148.2 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 | 9606.9 |
| 2.5° | 9667.3 | 9663.1 | 9660.4 | 9656.9 | 9654.9 | 9652.1 | 9650.2 | 9648.5 | 9647.1 | 9645.9 | 9645.0 |
| 5° | 9803.2 | 9781.6 | 9764.9 | 9746.7 | 9731.8 | 9716.8 | 9705.4 | 9695.9 | 9689.4 | 9684.4 | 9681.5 |
| 7.5° | 9976.3 | 9936.7 | 9901.6 | 9864.5 | 9831.3 | 9798.7 | 9770.6 | 9746.3 | 9728.1 | 9716.3 | 9709.2 |
| 10° | 10130.9 | 10077.9 | 10025.5 | 9970.4 | 9918.1 | 9867.5 | 9820.6 | 9779.5 | 9746.9 | 9725.3 | 9712.7 |
| 12.5° | 10200.1 | 10155.1 | 10101.6 | 10041.7 | 9977.7 | 9912.9 | 9849.7 | 9792.7 | 9744.9 | 9712.9 | 9694.3 |
| 15° | 10139.1 | 10120.6 | 10084.3 | 10037.9 | 9977.1 | 9910.1 | 9835.9 | 9766.1 | 9702.1 | 9660.5 | 9636.4 |
| 17.5° | 9940.6 | 9966.4 | 9963.7 | 9946.0 | 9902.2 | 9845.8 | 9770.2 | 9691.9 | 9611.7 | 9556.2 | 9525.8 |
| 20° | 9605.6 | 9686.9 | 9728.1 | 9749.3 | 9732.1 | 9695.5 | 9627.1 | 9547.6 | 9454.2 | 9381.6 | 9337.3 |
| 22.5° | 9134.9 | 9278.4 | 9367.8 | 9433.2 | 9447.0 | 9434.6 | 9374.2 | 9298.6 | 9194.3 | 9107.2 | 9041.7 |
| 25° | 8528.9 | 8739.1 | 8880.4 | 8991.1 | 9034.2 | 9045.3 | 8993.9 | 8918.7 | 8802.5 | 8700.9 | 8611.0 |
| 27.5° | 7815.2 | 8088.3 | 8276.9 | 8425.7 | 8492.9 | 8522.0 | 8474.7 | 8398.0 | 8260.6 | 8139.3 | 8021.9 |
| 30° | 7011.6 | 7335.6 | 7562.8 | 7741.2 | 7823.1 | 7861.6 | 7811.3 | 7725.7 | 7565.8 | 7419.8 | 7271.9 |
| 32.5° | 6151.5 | 6506.1 | 6753.6 | 6947.4 | 7028.5 | 7064.7 | 6998.9 | 6902.9 | 6718.0 | 6546.1 | 6373.6 |
| 35° | 5251.1 | 5608.9 | 5858.5 | 6047.2 | 6115.2 | 6137.0 | 6052.9 | 5941.8 | 5737.0 | 5548.3 | 5360.2 |
| 37.5° | 4332.3 | 4665.2 | 4892.1 | 5061.3 | 5103.4 | 5107.2 | 5005.8 | 4883.1 | 4667.9 | 4481.8 | 4294.6 |
| 40° | 3421.4 | 3702.2 | 3885.3 | 4020.8 | 4035.4 | 4022.4 | 3912.3 | 3788.7 | 3587.3 | 3420.7 | 3256.3 |
| 42.5° | 2563.4 | 2775.4 | 2906.1 | 2998.9 | 2993.3 | 2967.6 | 2866.6 | 2760.4 | 2594.3 | 2467.3 | 2338.1 |
| 45° | 1828.3 | 1968.1 | 2044.5 | 2098.9 | 2081.4 | 2056.8 | 1978.2 | 1903.8 | 1790.9 | 1708.9 | 1622.1 |
| 47.5° | 1270.2 | 1437.1 | 1408.0 | 1514.3 | 1422.8 | 1483.2 | 1357.3 | 1287.9 | 1228.0 | 1184.4 | 1135.3 |
| 50° | 909.3 | 947.6 | 966.1 | 978.7 | 971.9 | 962.7 | 940.0 | 919.8 | 892.5 | 872.5 | 849.2 |
| 52.5° | 702.2 | 721.3 | 731.9 | 739.5 | 737.9 | 734.6 | 724.7 | 715.7 | 702.9 | 694.4 | 684.3 |
| 55° | 594.8 | 595.1 | 614.4 | 606.2 | 618.3 | 604.1 | 609.7 | 593.8 | 596.4 | 582.8 | 573.6 |
| 57.5° | 494.3 | 502.1 | 505.6 | 509.1 | 508.1 | 507.5 | 503.7 | 501.7 | 497.5 | 496.1 | 493.0 |
| 60° | 434.8 | 438.9 | 439.8 | 441.3 | 440.0 | 439.5 | 436.5 | 435.4 | 432.6 | 432.0 | 430.0 |
| 62.5° | 394.0 | 396.1 | 396.1 | 396.1 | 394.4 | 392.7 | 389.4 | 387.7 | 385.3 | 384.7 | 383.6 |
| 65° | 360.0 | 362.2 | 362.5 | 363.0 | 361.7 | 360.4 | 357.5 | 355.6 | 353.1 | 352.1 | 350.7 |
| 67.5° | 324.8 | 327.1 | 327.9 | 329.1 | 328.4 | 328.1 | 326.1 | 325.4 | 323.7 | 323.3 | 322.1 |
| 70° | 297.2 | 298.2 | 298.1 | 298.1 | 296.6 | 295.1 | 292.8 | 291.7 | 289.9 | 289.6 | 288.5 |
| 72.5° | 280.8 | 281.5 | 281.1 | 280.4 | 278.4 | 276.3 | 273.6 | 271.6 | 269.4 | 268.0 | 266.4 |
| 75° | 257.7 | 258.6 | 258.0 | 257.7 | 255.9 | 254.5 | 252.3 | 251.2 | 249.6 | 249.1 | 248.1 |
| 77.5° | 229.3 | 229.8 | 228.8 | 228.8 | 227.3 | 226.5 | 224.9 | 224.6 | 223.4 | 223.4 | 222.3 |
| 80° | 197.8 | 197.5 | 196.0 | 195.7 | 194.3 | 194.0 | 192.7 | 192.8 | 191.9 | 192.2 | 191.5 |
| 82.5° | 162.7 | 161.8 | 159.9 | 159.3 | 157.7 | 157.5 | 156.7 | 157.4 | 156.8 | 157.7 | 157.2 |
| 85° | 116.6 | 116.8 | 116.0 | 116.0 | 115.6 | 115.6 | 115.6 | 116.1 | 116.2 | 117.0 | 116.9 |
| 87.5° | 65.0 | 66.0 | 65.8 | 66.6 | 66.6 | 67.5 | 67.9 | 69.2 | 69.4 | 70.8 | 70.8 |
| 90° | 32.6 | 33.4 | 32.3 | 33.1 | 32.5 | 33.7 | 33.5 | 34.7 | 34.3 | 35.3 | 34.5 |
| 92.5° | 26.3 | 24.6 | 22.7 | 21.0 | 20.1 | 19.2 | 18.5 | 17.4 | 16.7 | 15.7 | 14.8 |
| 95° | 33.1 | 30.1 | 27.1 | 24.1 | 23.1 | 22.1 | 21.1 | 20.1 | 19.0 | 18.0 | 17.0 |
| 97.5° | 37.4 | 33.9 | 30.4 | 26.8 | 25.9 | 25.1 | 24.1 | 23.2 | 22.4 | 21.5 | 20.6 |
| 100° | 51.0 | 44.5 | 37.9 | 31.4 | 30.6 | 29.9 | 29.1 | 28.4 | 27.6 | 26.8 | 26.0 |
| 102.5° | 106.4 | 92.5 | 78.6 | 64.6 | 62.0 | 59.4 | 56.7 | 54.0 | 51.3 | 48.7 | 46.0 |
| 105° | 201.7 | 179.0 | 156.4 | 133.9 | 126.7 | 119.5 | 112.4 | 105.2 | 98.0 | 90.8 | 83.7 |
| 107.5° | 306.6 | 283.7 | 260.8 | 237.9 | 224.7 | 211.4 | 198.1 | 184.9 | 171.6 | 158.3 | 145.1 |
| 110° | 365.5 | 348.8 | 332.1 | 315.3 | 304.7 | 294.0 | 283.3 | 272.6 | 262.0 | 251.3 | 240.6 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 375.3 | 363.3 | 351.3 | 339.2 | 334.4 | 329.6 | 324.8 | 319.9 | 315.1 | 310.2 | 305.3 |
| 115° | 351.8 | 343.8 | 335.6 | 327.5 | 325.8 | 324.1 | 322.5 | 320.7 | 318.9 | 317.2 | 315.5 |
| 117.5° | 314.4 | 309.8 | 305.3 | 300.7 | 300.9 | 301.2 | 301.5 | 301.8 | 302.0 | 302.2 | 302.4 |
| 120° | 275.5 | 273.6 | 271.6 | 269.7 | 271.2 | 272.6 | 274.2 | 275.5 | 277.0 | 278.3 | 279.7 |
| 122.5° | 243.6 | 242.9 | 242.1 | 241.3 | 243.1 | 244.9 | 246.6 | 248.3 | 250.0 | 251.6 | 253.2 |
| 125° | 218.6 | 218.2 | 217.8 | 217.3 | 219.2 | 221.0 | 222.8 | 224.4 | 226.1 | 227.8 | 229.4 |
| 127.5° | 201.7 | 201.7 | 201.6 | 201.4 | 202.7 | 203.9 | 205.2 | 206.4 | 207.5 | 208.6 | 209.8 |
| 130° | 190.0 | 189.6 | 189.4 | 189.2 | 190.3 | 191.5 | 192.6 | 193.7 | 194.8 | 195.8 | 196.7 |
| 132.5° | 182.2 | 181.8 | 181.5 | 181.3 | 182.1 | 182.9 | 183.7 | 184.3 | 185.2 | 185.8 | 186.3 |
| 135° | 175.6 | 175.3 | 174.9 | 174.6 | 175.3 | 176.1 | 176.8 | 177.5 | 178.1 | 178.6 | 179.3 |
| 137.5° | 170.2 | 169.8 | 169.5 | 169.0 | 169.8 | 170.4 | 171.1 | 171.7 | 172.2 | 172.7 | 173.3 |
| 140° | 165.4 | 165.0 | 164.5 | 164.0 | 164.6 | 165.2 | 165.8 | 166.4 | 166.9 | 167.3 | 167.8 |
| 142.5° | 160.9 | 160.1 | 159.7 | 159.0 | 159.4 | 159.9 | 160.2 | 160.6 | 161.1 | 161.3 | 161.6 |
| 145° | 157.8 | 157.1 | 156.3 | 155.6 | 155.9 | 156.2 | 156.6 | 156.9 | 157.2 | 157.3 | 157.6 |
| 147.5° | 154.9 | 154.2 | 153.4 | 152.7 | 153.1 | 153.3 | 153.5 | 153.6 | 154.0 | 154.1 | 154.3 |
| 150° | 152.1 | 151.4 | 150.6 | 149.8 | 150.1 | 150.3 | 150.5 | 150.6 | 150.8 | 150.9 | 151.1 |
| 152.5° | 149.0 | 148.3 | 147.6 | 146.8 | 147.0 | 147.1 | 147.3 | 147.4 | 147.6 | 147.6 | 147.7 |
| 155° | 147.0 | 146.4 | 145.8 | 145.2 | 145.3 | 145.5 | 145.6 | 145.6 | 145.6 | 145.8 | 145.8 |
| 157.5° | 146.3 | 145.7 | 145.3 | 144.7 | 144.8 | 144.8 | 144.8 | 144.7 | 144.8 | 144.8 | 144.7 |
| 160° | 145.7 | 145.3 | 144.9 | 144.4 | 144.4 | 144.5 | 144.4 | 144.4 | 144.4 | 144.3 | 144.2 |
| 162.5° | 145.5 | 144.9 | 144.5 | 144.0 | 144.0 | 144.0 | 144.0 | 143.9 | 143.9 | 143.9 | 143.7 |
| 165° | 145.7 | 145.5 | 145.1 | 144.7 | 144.7 | 144.6 | 144.6 | 144.4 | 144.3 | 144.2 | 144.0 |
| 167.5° | 146.4 | 146.0 | 145.7 | 145.3 | 145.4 | 145.3 | 145.3 | 145.3 | 145.3 | 145.2 | 145.2 |
| 170° | 147.2 | 146.8 | 146.6 | 146.3 | 146.2 | 146.2 | 146.1 | 146.0 | 145.9 | 145.8 | 145.7 |
| 172.5° | 147.8 | 147.6 | 147.3 | 146.9 | 146.9 | 146.8 | 146.8 | 146.7 | 146.6 | 146.6 | 146.6 |
| 175° | 147.5 | 147.2 | 146.9 | 146.7 | 146.6 | 146.6 | 146.6 | 146.6 | 146.5 | 146.5 | 146.4 |
| 177.5° | 148.0 | 147.9 | 147.7 | 147.6 | 147.6 | 147.6 | 147.6 | 147.5 | 147.5 | 147.5 | 147.5 |
| 180° | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 | 148.2 |



TEST NUMBER: P1444714
 CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|--------|--------|
| 0° | 9606.9 | 9606.9 |
| 2.5° | 9644.2 | 9643.6 |
| 5° | 9680.0 | 9679.4 |
| 7.5° | 9707.2 | 9707.1 |
| 10° | 9710.5 | 9712.1 |
| 12.5° | 9691.1 | 9692.5 |
| 15° | 9634.6 | 9637.2 |
| 17.5° | 9526.3 | 9529.8 |
| 20° | 9340.0 | 9343.6 |
| 22.5° | 9038.2 | 9039.7 |
| 25° | 8599.4 | 8593.3 |
| 27.5° | 8001.3 | 7990.6 |
| 30° | 7240.9 | 7230.5 |
| 32.5° | 6334.3 | 6327.8 |
| 35° | 5313.8 | 5309.7 |
| 37.5° | 4239.4 | 4231.0 |
| 40° | 3196.3 | 3172.0 |
| 42.5° | 2281.4 | 2238.8 |
| 45° | 1576.7 | 1526.2 |
| 47.5° | 1100.6 | 1069.5 |
| 50° | 834.3 | 824.2 |
| 52.5° | 679.8 | 677.5 |
| 55° | 573.6 | 572.5 |
| 57.5° | 493.8 | 493.4 |
| 60° | 431.1 | 431.0 |
| 62.5° | 384.3 | 384.5 |
| 65° | 351.4 | 351.5 |
| 67.5° | 322.4 | 322.2 |
| 70° | 288.9 | 288.7 |
| 72.5° | 265.8 | 265.5 |
| 75° | 248.1 | 247.8 |
| 77.5° | 222.7 | 222.3 |
| 80° | 192.0 | 191.5 |
| 82.5° | 157.9 | 157.3 |
| 85° | 117.8 | 117.8 |
| 87.5° | 72.1 | 72.1 |
| 90° | 35.4 | 34.5 |
| 92.5° | 14.0 | 13.2 |
| 95° | 16.0 | 15.0 |
| 97.5° | 19.8 | 18.9 |
| 100° | 25.3 | 24.6 |
| 102.5° | 43.4 | 40.8 |
| 105° | 76.5 | 69.3 |
| 107.5° | 131.8 | 118.5 |
| 110° | 229.9 | 219.2 |



TEST NUMBER: P1444714
CATALOG NUMBER: EHBR1-12-UNV-TA-L935-UPL12

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|--------|-------|
| 112.5° | 300.5 | 295.6 |
| 115° | 313.7 | 312.0 |
| 117.5° | 302.6 | 302.8 |
| 120° | 281.0 | 282.3 |
| 122.5° | 254.9 | 256.4 |
| 125° | 230.9 | 232.6 |
| 127.5° | 210.8 | 211.8 |
| 130° | 197.5 | 198.4 |
| 132.5° | 187.0 | 187.4 |
| 135° | 179.7 | 180.2 |
| 137.5° | 173.7 | 174.0 |
| 140° | 168.0 | 168.4 |
| 142.5° | 161.9 | 162.1 |
| 145° | 157.8 | 157.9 |
| 147.5° | 154.2 | 154.3 |
| 150° | 151.1 | 151.2 |
| 152.5° | 147.7 | 147.8 |
| 155° | 145.8 | 145.8 |
| 157.5° | 144.7 | 144.6 |
| 160° | 144.1 | 144.1 |
| 162.5° | 143.7 | 143.7 |
| 165° | 143.8 | 143.7 |
| 167.5° | 145.0 | 145.0 |
| 170° | 145.6 | 145.6 |
| 172.5° | 146.5 | 146.4 |
| 175° | 146.4 | 146.4 |
| 177.5° | 147.5 | 147.4 |
| 180° | 148.2 | 148.2 |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 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-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra): 94.6
 R1: 96.6
 R2: 98.4
 R3: 98.1
 R4: 95.8
 R5: 96.2
 R6: 95.4
 R7: 91.8
 R8: 84.4
 R9: 63.8
 R10: 94.7
 R11: 96.6
 R12: 80.9
 R13: 97.4
 R14: 98.3
 R15: 93.1



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2506-472-6

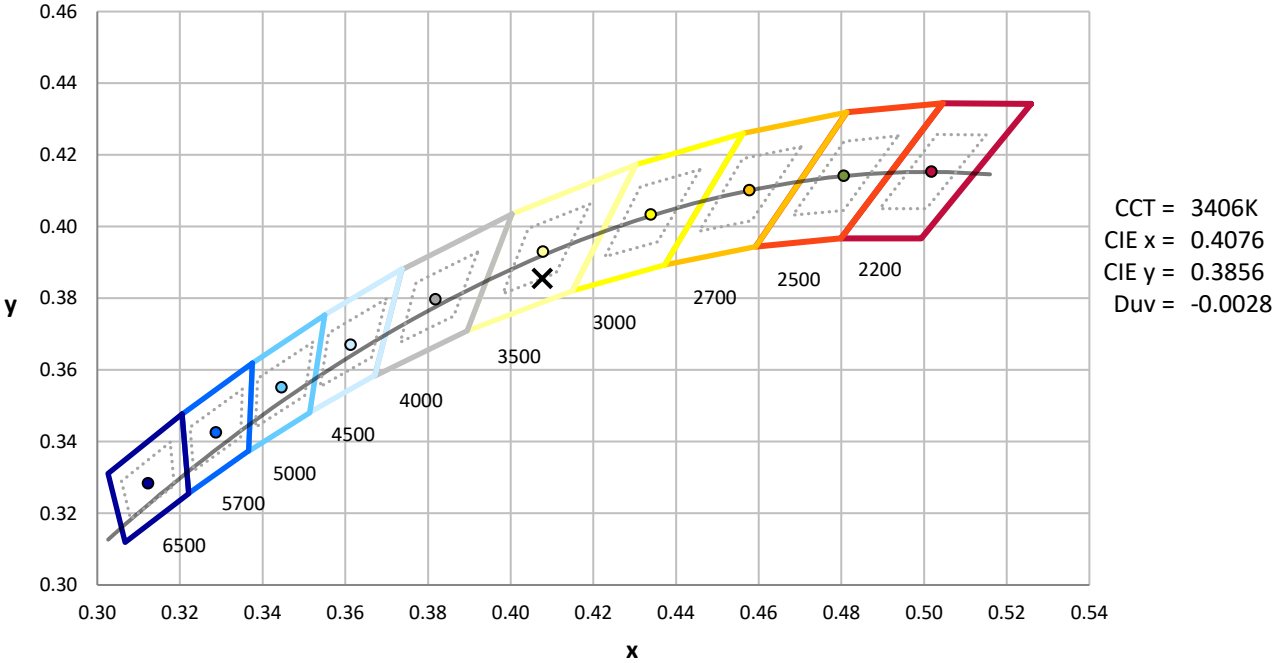
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 6/16/2025 | 12/16/2025 |
| Power Meter |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

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-6

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 | 140 | NR | 620 | 338 | NR | 750 | 8 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 159 | NR | 625 | 339 | NR | 755 | 7 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 182 | NR | 630 | 1000 | NR | 760 | 5 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 202 | NR | 635 | 653 | NR | 765 | 5 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 216 | NR | 640 | 222 | NR | 770 | 4 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 228 | NR | 645 | 214 | NR | 775 | 3 | NR | 905 | 0 | NR |
| 390 | 0 | NR | 520 | 236 | NR | 650 | 185 | NR | 780 | 3 | NR | 910 | 0 | NR |
| 395 | 1 | NR | 525 | 242 | NR | 655 | 157 | NR | 785 | 3 | NR | 915 | 0 | NR |
| 400 | 2 | NR | 530 | 248 | NR | 660 | 133 | NR | 790 | 2 | NR | 920 | 0 | NR |
| 405 | 3 | NR | 535 | 253 | NR | 665 | 113 | NR | 795 | 2 | NR | 925 | 0 | NR |
| 410 | 4 | NR | 540 | 258 | NR | 670 | 103 | NR | 800 | 2 | NR | 930 | 0 | NR |
| 415 | 7 | NR | 545 | 264 | NR | 675 | 85 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 13 | NR | 550 | 270 | NR | 680 | 72 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 22 | NR | 555 | 278 | NR | 685 | 62 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 38 | NR | 560 | 286 | NR | 690 | 53 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 65 | NR | 565 | 295 | NR | 695 | 45 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 108 | NR | 570 | 303 | NR | 700 | 39 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 193 | NR | 575 | 311 | NR | 705 | 33 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 312 | NR | 580 | 319 | NR | 710 | 28 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 300 | NR | 585 | 326 | NR | 715 | 24 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 332 | NR | 720 | 20 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 184 | NR | 595 | 333 | NR | 725 | 17 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 153 | NR | 600 | 336 | NR | 730 | 15 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 122 | NR | 605 | 337 | NR | 735 | 12 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 115 | NR | 610 | 367 | NR | 740 | 10 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 125 | NR | 615 | 390 | NR | 745 | 9 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2506-472-6

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.62

| 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 | 140 | NR | 620 | 338 | NR | 750 | 8 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 159 | NR | 625 | 339 | NR | 755 | 7 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 182 | NR | 630 | 1000 | NR | 760 | 5 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 202 | NR | 635 | 653 | NR | 765 | 5 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 216 | NR | 640 | 222 | NR | 770 | 4 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 228 | NR | 645 | 214 | NR | 775 | 3 | NR | 905 | 0 | NR |
| 390 | 0 | NR | 520 | 236 | NR | 650 | 185 | NR | 780 | 3 | NR | 910 | 0 | NR |
| 395 | 1 | NR | 525 | 242 | NR | 655 | 157 | NR | 785 | 3 | NR | 915 | 0 | NR |
| 400 | 2 | NR | 530 | 248 | NR | 660 | 133 | NR | 790 | 2 | NR | 920 | 0 | NR |
| 405 | 3 | NR | 535 | 253 | NR | 665 | 113 | NR | 795 | 2 | NR | 925 | 0 | NR |
| 410 | 4 | NR | 540 | 258 | NR | 670 | 103 | NR | 800 | 2 | NR | 930 | 0 | NR |
| 415 | 7 | NR | 545 | 264 | NR | 675 | 85 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 13 | NR | 550 | 270 | NR | 680 | 72 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 22 | NR | 555 | 278 | NR | 685 | 62 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 38 | NR | 560 | 286 | NR | 690 | 53 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 65 | NR | 565 | 295 | NR | 695 | 45 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 108 | NR | 570 | 303 | NR | 700 | 39 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 193 | NR | 575 | 311 | NR | 705 | 33 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 312 | NR | 580 | 319 | NR | 710 | 28 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 300 | NR | 585 | 326 | NR | 715 | 24 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 332 | NR | 720 | 20 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 184 | NR | 595 | 333 | NR | 725 | 17 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 153 | NR | 600 | 336 | NR | 730 | 15 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 122 | NR | 605 | 337 | NR | 735 | 12 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 115 | NR | 610 | 367 | NR | 740 | 10 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 125 | NR | 615 | 390 | NR | 745 | 9 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2506-472-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR M/P: 3.3

| 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 | 140 | NR | 620 | 338 | NR | 750 | 8 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 159 | NR | 625 | 339 | NR | 755 | 7 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 182 | NR | 630 | 1000 | NR | 760 | 5 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 202 | NR | 635 | 653 | NR | 765 | 5 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 216 | NR | 640 | 222 | NR | 770 | 4 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 228 | NR | 645 | 214 | NR | 775 | 3 | NR | 905 | 0 | NR |
| 390 | 0 | NR | 520 | 236 | NR | 650 | 185 | NR | 780 | 3 | NR | 910 | 0 | NR |
| 395 | 1 | NR | 525 | 242 | NR | 655 | 157 | NR | 785 | 3 | NR | 915 | 0 | NR |
| 400 | 2 | NR | 530 | 248 | NR | 660 | 133 | NR | 790 | 2 | NR | 920 | 0 | NR |
| 405 | 3 | NR | 535 | 253 | NR | 665 | 113 | NR | 795 | 2 | NR | 925 | 0 | NR |
| 410 | 4 | NR | 540 | 258 | NR | 670 | 103 | NR | 800 | 2 | NR | 930 | 0 | NR |
| 415 | 7 | NR | 545 | 264 | NR | 675 | 85 | NR | 805 | 1 | NR | 935 | 0 | NR |
| 420 | 13 | NR | 550 | 270 | NR | 680 | 72 | NR | 810 | 1 | NR | 940 | 0 | NR |
| 425 | 22 | NR | 555 | 278 | NR | 685 | 62 | NR | 815 | 1 | NR | 945 | 0 | NR |
| 430 | 38 | NR | 560 | 286 | NR | 690 | 53 | NR | 820 | 1 | NR | 950 | 0 | NR |
| 435 | 65 | NR | 565 | 295 | NR | 695 | 45 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 108 | NR | 570 | 303 | NR | 700 | 39 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 193 | NR | 575 | 311 | NR | 705 | 33 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 312 | NR | 580 | 319 | NR | 710 | 28 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 300 | NR | 585 | 326 | NR | 715 | 24 | NR | 845 | 0 | NR | 975 | 0 | NR |
| 460 | 214 | NR | 590 | 332 | NR | 720 | 20 | NR | 850 | 0 | NR | 980 | 0 | NR |
| 465 | 184 | NR | 595 | 333 | NR | 725 | 17 | NR | 855 | 0 | NR | 985 | 0 | NR |
| 470 | 153 | NR | 600 | 336 | NR | 730 | 15 | NR | 860 | 0 | NR | 990 | 0 | NR |
| 475 | 122 | NR | 605 | 337 | NR | 735 | 12 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 115 | NR | 610 | 367 | NR | 740 | 10 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 125 | NR | 615 | 390 | NR | 745 | 9 | NR | 875 | 0 | NR | | | |

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$

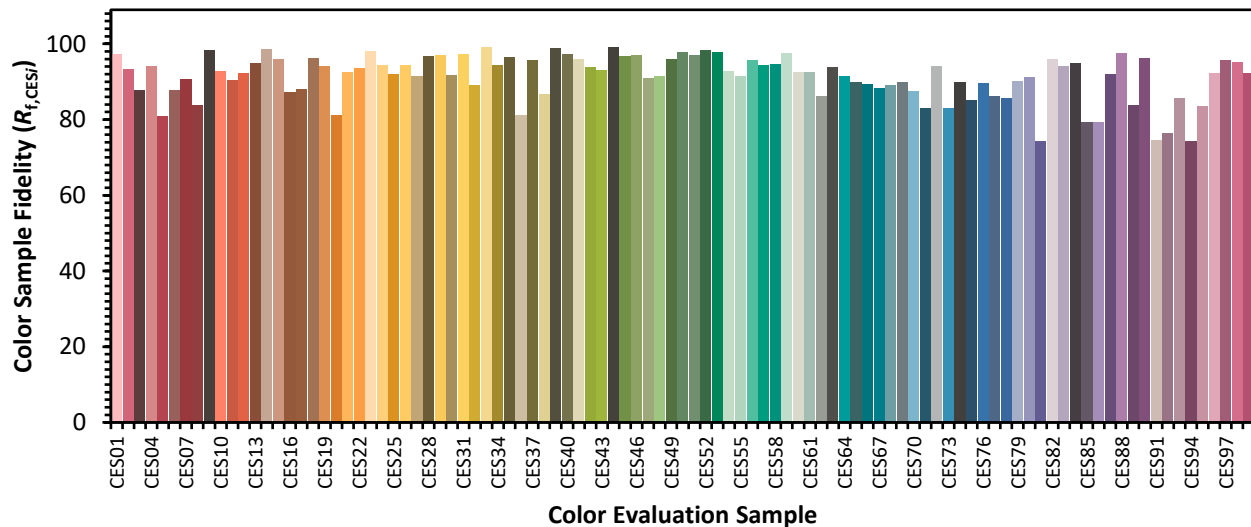


Color Vector Graphics

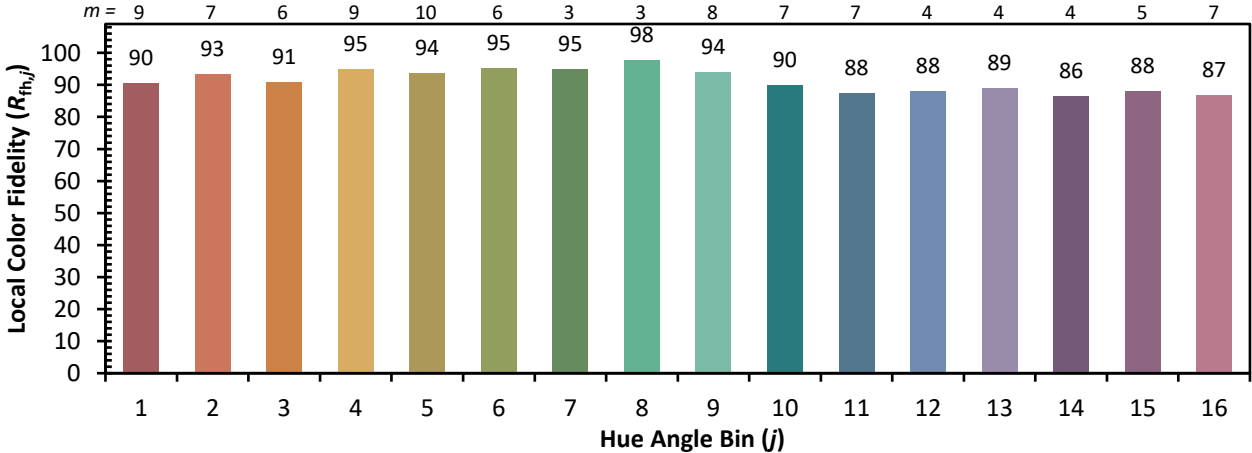


Individual Sample Fidelity Index ($R_{f,i}$)

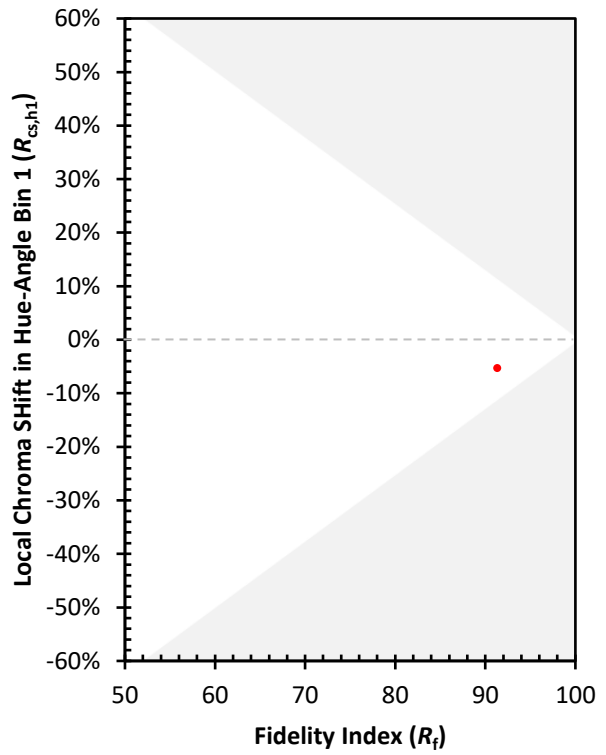
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 94 | CES51 = 97 | CES76 = 90 |
| CES02 = 63 | CES27 = 92 | CES52 = 98 | CES77 = 86 |
| CES03 = 31 | CES28 = 97 | CES53 = 98 | CES78 = 86 |
| CES04 = 70 | CES29 = 97 | CES54 = 93 | CES79 = 90 |
| CES05 = 50 | CES30 = 92 | CES55 = 92 | CES80 = 91 |
| CES06 = 51 | CES31 = 97 | CES56 = 96 | CES81 = 74 |
| CES07 = 43 | CES32 = 89 | CES57 = 94 | CES82 = 96 |
| CES08 = 41 | CES33 = 99 | CES58 = 95 | CES83 = 94 |
| CES09 = 29 | CES34 = 94 | CES59 = 98 | CES84 = 95 |
| CES10 = 75 | CES35 = 97 | CES60 = 92 | CES85 = 79 |
| CES11 = 58 | CES36 = 81 | CES61 = 93 | CES86 = 79 |
| CES12 = 64 | CES37 = 96 | CES62 = 86 | CES87 = 92 |
| CES13 = 44 | CES38 = 87 | CES63 = 94 | CES88 = 98 |
| CES14 = 74 | CES39 = 99 | CES64 = 91 | CES89 = 84 |
| CES15 = 72 | CES40 = 97 | CES65 = 90 | CES90 = 96 |
| CES16 = 48 | CES41 = 96 | CES66 = 89 | CES91 = 75 |
| CES17 = 49 | CES42 = 94 | CES67 = 88 | CES92 = 76 |
| CES18 = 56 | CES43 = 93 | CES68 = 89 | CES93 = 86 |
| CES19 = 71 | CES44 = 99 | CES69 = 90 | CES94 = 74 |
| CES20 = 67 | CES45 = 97 | CES70 = 88 | CES95 = 83 |
| CES21 = 86 | CES46 = 97 | CES71 = 83 | CES96 = 92 |
| CES22 = 78 | CES47 = 91 | CES72 = 94 | CES97 = 96 |
| CES23 = 91 | CES48 = 91 | CES73 = 83 | CES98 = 95 |
| CES24 = 90 | CES49 = 96 | CES74 = 90 | CES99 = 92 |
| CES25 = 71 | CES50 = 98 | CES75 = 85 | |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)