

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: P1444454

Luminaire Tested: EHBR1-30-UNV-TA-L830-UPL30

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444454
REPORT IS A COMBINATION OF REPORTS P1444339 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-30-UNV-TA-L830-UPL30
Description: Elevate Round Highbay at, 30000 lumens, 3000K 80CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

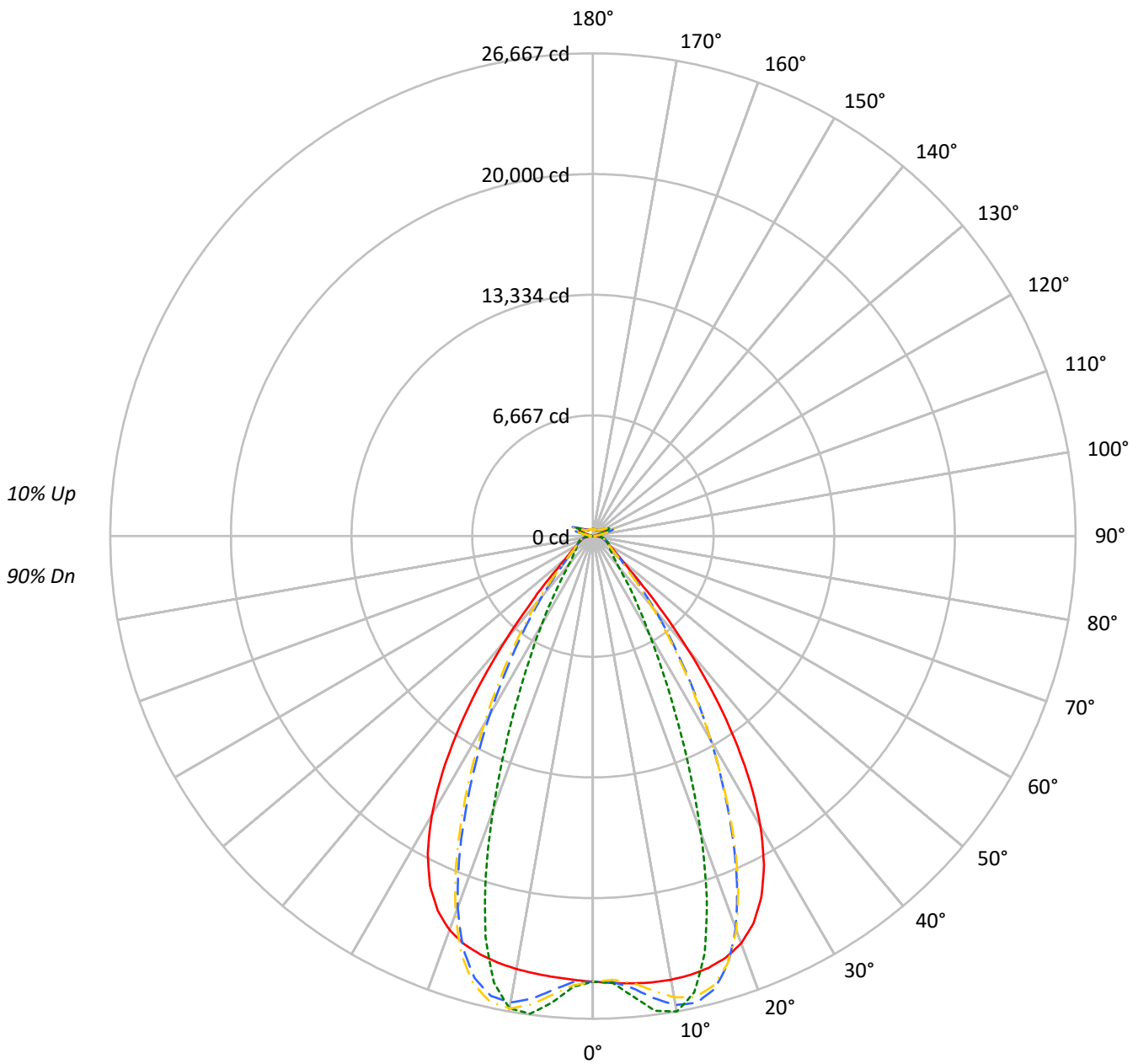
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31356.3 lumens
Efficiency: N/A
Efficacy: 172.5 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): 181.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1444454
CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

Luminous Intensity Polar Plot



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



TEST NUMBER: P1444454
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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 | 85 | 84 | 84 | 84 | 84 | 82 |
| 2 | 103 | 97 | 92 | 88 | 99 | 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 | 82 | 78 | 74 | 79 | 75 | 72 | 75 | 72 | 70 | 70 | 70 | 70 | 67 |
| 4 | 91 | 82 | 75 | 70 | 88 | 80 | 74 | 69 | 76 | 71 | 67 | 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 | 58 | 78 | 69 | 62 | 58 | 66 | 61 | 57 | 64 | 59 | 56 | 62 | 58 | 54 | 54 | 54 | 54 | 53 |
| 7 | 76 | 65 | 59 | 54 | 74 | 64 | 58 | 53 | 62 | 56 | 52 | 60 | 55 | 51 | 58 | 54 | 51 | 51 | 51 | 51 | 49 |
| 8 | 72 | 61 | 54 | 50 | 70 | 60 | 54 | 49 | 58 | 53 | 49 | 56 | 51 | 48 | 55 | 50 | 47 | 47 | 47 | 47 | 45 |
| 9 | 68 | 57 | 51 | 46 | 66 | 56 | 50 | 46 | 55 | 49 | 45 | 53 | 48 | 45 | 52 | 47 | 44 | 44 | 44 | 44 | 42 |
| 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° | 115600 | 115600 | 115600 | 115600 |
| 5° | 116159 | 119546 | 114533 | 121112 |
| 10° | 117129 | 125515 | 114320 | 124684 |
| 15° | 117703 | 113778 | 114120 | 109197 |
| 20° | 116486 | 84760 | 112674 | 78423 |
| 25° | 110259 | 53606 | 106615 | 48638 |
| 30° | 96320 | 32213 | 92589 | 29440 |
| 35° | 74128 | 20213 | 69864 | 17906 |
| 40° | 46893 | 12680 | 42903 | 11915 |
| 45° | 24169 | 9879 | 23769 | 9716 |
| 50° | 14171 | 8787 | 13736 | 8650 |
| 55° | 10856 | 8313 | 10454 | 8238 |
| 60° | 9186 | 8491 | 8795 | 8382 |
| 65° | 8628 | 8869 | 8298 | 8566 |
| 70° | 8429 | 9285 | 8008 | 8936 |
| 75° | 9013 | 9848 | 8525 | 9413 |
| 80° | 9326 | 10904 | 8455 | 9953 |
| 85° | 8784 | 10524 | 7096 | 9011 |

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 2426.0 | 7.7 |
| 10°-20° | 6824.5 | 21.8 |
| 20°-30° | 7772.6 | 24.8 |
| 30°-40° | 5586.6 | 17.8 |
| 40°-50° | 2576.5 | 8.2 |
| 50°-60° | 1233.0 | 3.9 |
| 60°-70° | 899.6 | 2.9 |
| 70°-80° | 683.5 | 2.2 |
| 80°-90° | 315.9 | 1.0 |
| 90°-100° | 85.3 | 0.3 |
| 100°-110° | 505.3 | 1.6 |
| 110°-120° | 933.8 | 3.0 |
| 120°-130° | 567.3 | 1.8 |
| 130°-140° | 359.6 | 1.1 |
| 140°-150° | 262.6 | 0.8 |
| 150°-160° | 180.4 | 0.6 |
| 160°-170° | 107.5 | 0.3 |
| 170°-180° | 36.5 | 0.1 |
| 0°-30° | 17023.0 | 54.3 |
| 0°-40° | 22609.6 | 72.1 |
| 0°-60° | 26419.1 | 84.3 |
| 0°-90° | 28318.1 | 90.3 |
| 90°-120° | 1524.3 | 4.9 |
| 90°-150° | 2713.8 | 8.7 |
| 90°-180° | 3038.0 | 9.7 |
| 0°-180° | 31356.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-------|-------|-------|-------|-------|------|
| 0° | 24616 | 24616 | 24616 | 24616 | 24616 | |
| 5° | 24802 | 25525 | 24455 | 25859 | 24802 | 2370 |
| 15° | 24694 | 23870 | 23942 | 22909 | 24694 | 6958 |
| 25° | 22019 | 10705 | 21291 | 9713 | 22019 | 9982 |
| 35° | 13605 | 3710 | 12823 | 3286 | 13605 | 8350 |
| 45° | 3910 | 1598 | 3846 | 1572 | 3910 | 3326 |
| 55° | 1467 | 1123 | 1413 | 1113 | 1467 | 1354 |
| 65° | 901 | 926 | 866 | 894 | 901 | 899 |
| 75° | 635 | 694 | 600 | 663 | 635 | 660 |
| 85° | 302 | 362 | 244 | 310 | 302 | 284 |
| 90° | 89 | 111 | 31 | 36 | 89 | 54 |
| 95° | 39 | 44 | 39 | 44 | 39 | 37 |
| 105° | 181 | 234 | 120 | 234 | 181 | 240 |
| 115° | 813 | 989 | 852 | 989 | 813 | 750 |
| 125° | 606 | 641 | 686 | 642 | 606 | 552 |
| 135° | 469 | 421 | 506 | 423 | 469 | 366 |
| 145° | 411 | 403 | 438 | 406 | 411 | 259 |
| 155° | 379 | 382 | 404 | 385 | 379 | 176 |
| 165° | 373 | 374 | 388 | 376 | 373 | 106 |
| 175° | 380 | 384 | 387 | 385 | 380 | 36 |
| 180° | 385 | 385 | 385 | 385 | 385 | |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24710.1 | 24708.1 | 24707.8 | 24706.0 | 24705.6 | 24705.6 | 24704.8 | 24702.7 | 24701.5 | 24698.7 | 24695.4 |
| 5° | 24801.8 | 24800.7 | 24801.3 | 24801.5 | 24799.8 | 24796.0 | 24789.9 | 24782.6 | 24773.2 | 24764.5 | 24756.7 |
| 7.5° | 24872.7 | 24874.4 | 24876.6 | 24876.2 | 24870.7 | 24861.8 | 24849.4 | 24842.5 | 24846.6 | 24860.0 | 24890.7 |
| 10° | 24885.6 | 24896.2 | 24900.3 | 24899.0 | 24888.3 | 24880.6 | 24883.6 | 24909.6 | 24961.5 | 25030.8 | 25125.5 |
| 12.5° | 24835.2 | 24848.2 | 24847.7 | 24843.4 | 24833.0 | 24843.6 | 24881.3 | 24959.0 | 25070.3 | 25206.8 | 25367.1 |
| 15° | 24693.5 | 24710.3 | 24705.6 | 24700.0 | 24693.1 | 24727.8 | 24803.3 | 24938.1 | 25110.0 | 25302.6 | 25499.7 |
| 17.5° | 24418.5 | 24438.7 | 24428.9 | 24422.5 | 24416.7 | 24481.8 | 24611.5 | 24808.9 | 25025.4 | 25243.3 | 25430.1 |
| 20° | 23941.3 | 23954.9 | 23931.5 | 23920.5 | 23929.7 | 24057.4 | 24248.3 | 24500.5 | 24728.6 | 24934.6 | 25062.4 |
| 22.5° | 23162.7 | 23179.5 | 23135.5 | 23130.3 | 23184.8 | 23380.8 | 23622.4 | 23904.2 | 24118.7 | 24282.0 | 24331.2 |
| 25° | 22018.7 | 22035.2 | 21982.9 | 22014.2 | 22106.7 | 22373.8 | 22661.4 | 22962.9 | 23145.9 | 23266.8 | 23233.5 |
| 27.5° | 20474.5 | 20489.7 | 20440.0 | 20503.9 | 20650.1 | 21001.0 | 21339.6 | 21666.7 | 21829.7 | 21914.5 | 21807.1 |
| 30° | 18527.0 | 18558.5 | 18499.8 | 18589.0 | 18812.2 | 19267.7 | 19655.7 | 20022.4 | 20185.0 | 20249.5 | 20082.4 |
| 32.5° | 16214.0 | 16258.7 | 16194.1 | 16326.7 | 16638.2 | 17185.3 | 17626.1 | 18036.0 | 18215.7 | 18289.3 | 18100.6 |
| 35° | 13605.1 | 13669.4 | 13595.2 | 13794.3 | 14178.4 | 14787.7 | 15275.8 | 15733.3 | 15946.3 | 16050.7 | 15860.4 |
| 37.5° | 10841.3 | 10902.4 | 10862.3 | 11127.9 | 11549.7 | 12181.3 | 12679.5 | 13173.0 | 13413.6 | 13570.2 | 13420.2 |
| 40° | 8127.7 | 8183.7 | 8214.1 | 8517.8 | 8914.6 | 9509.8 | 9988.3 | 10476.7 | 10745.7 | 10942.4 | 10849.8 |
| 42.5° | 5736.6 | 5793.0 | 5896.3 | 6189.3 | 6520.2 | 7013.0 | 7422.9 | 7861.3 | 8118.3 | 8328.0 | 8292.4 |
| 45° | 3910.5 | 3976.0 | 4105.4 | 4345.4 | 4584.7 | 4938.2 | 5239.2 | 5580.2 | 5790.1 | 5982.2 | 5984.5 |
| 47.5° | 2740.2 | 2786.3 | 2901.9 | 3065.8 | 3221.8 | 3664.3 | 3682.5 | 3850.1 | 3991.2 | 4134.8 | 4153.5 |
| 50° | 2111.9 | 2139.6 | 2200.9 | 2292.2 | 2380.6 | 2495.5 | 2600.7 | 2722.2 | 2809.0 | 2887.7 | 2906.5 |
| 52.5° | 1735.8 | 1753.4 | 1784.6 | 1834.1 | 1885.4 | 1947.9 | 2004.2 | 2070.9 | 2118.1 | 2160.2 | 2169.0 |
| 55° | 1467.1 | 1481.7 | 1528.1 | 1537.5 | 1596.2 | 1607.5 | 1632.5 | 1673.1 | 1700.5 | 1725.8 | 1732.1 |
| 57.5° | 1264.3 | 1274.9 | 1284.7 | 1305.8 | 1323.9 | 1350.1 | 1371.2 | 1400.4 | 1417.7 | 1436.0 | 1437.5 |
| 60° | 1104.3 | 1111.9 | 1118.9 | 1133.5 | 1145.9 | 1164.1 | 1178.7 | 1198.5 | 1210.9 | 1224.6 | 1226.2 |
| 62.5° | 985.2 | 990.7 | 995.3 | 1005.0 | 1013.7 | 1027.8 | 1039.4 | 1055.9 | 1067.5 | 1078.1 | 1080.4 |
| 65° | 900.6 | 904.6 | 907.6 | 914.9 | 922.6 | 934.5 | 945.0 | 958.4 | 967.0 | 975.0 | 976.8 |
| 67.5° | 825.5 | 829.4 | 832.5 | 839.1 | 844.4 | 853.3 | 860.4 | 870.5 | 876.9 | 883.4 | 883.6 |
| 70° | 739.6 | 743.2 | 745.5 | 751.7 | 756.0 | 763.7 | 769.3 | 778.5 | 785.1 | 792.3 | 794.0 |
| 72.5° | 680.1 | 682.2 | 685.4 | 691.1 | 697.0 | 705.2 | 712.7 | 722.3 | 730.2 | 737.7 | 740.8 |
| 75° | 634.9 | 637.3 | 639.4 | 644.3 | 648.4 | 655.3 | 660.9 | 669.7 | 676.6 | 684.5 | 688.5 |
| 77.5° | 569.5 | 572.4 | 574.2 | 579.1 | 582.6 | 589.3 | 593.4 | 601.2 | 606.9 | 614.2 | 617.8 |
| 80° | 490.6 | 493.3 | 494.6 | 499.1 | 502.0 | 508.1 | 512.2 | 519.7 | 524.4 | 531.7 | 536.0 |
| 82.5° | 403.2 | 405.7 | 406.4 | 410.7 | 412.2 | 417.3 | 420.3 | 428.0 | 433.8 | 443.3 | 449.9 |
| 85° | 301.9 | 302.8 | 304.2 | 303.1 | 309.3 | 309.7 | 316.6 | 317.8 | 327.0 | 329.3 | 339.7 |
| 87.5° | 184.5 | 187.3 | 188.7 | 192.9 | 194.6 | 198.9 | 200.2 | 204.7 | 207.1 | 212.2 | 214.6 |
| 90° | 88.9 | 93.9 | 96.0 | 101.7 | 103.8 | 109.0 | 110.8 | 116.4 | 118.6 | 124.5 | 127.9 |
| 92.5° | 34.3 | 36.5 | 38.8 | 41.3 | 43.7 | 46.5 | 49.1 | 51.4 | 53.9 | 56.6 | 61.3 |
| 95° | 39.2 | 41.8 | 44.4 | 47.1 | 49.7 | 52.4 | 55.0 | 57.7 | 60.3 | 62.9 | 70.6 |
| 97.5° | 49.2 | 51.5 | 53.8 | 56.1 | 58.4 | 60.7 | 62.9 | 65.3 | 67.5 | 69.8 | 79.0 |
| 100° | 64.1 | 66.0 | 67.9 | 69.9 | 71.8 | 73.7 | 75.7 | 77.7 | 79.5 | 81.5 | 98.5 |
| 102.5° | 106.3 | 113.2 | 120.1 | 126.9 | 133.9 | 140.6 | 147.6 | 154.4 | 161.3 | 168.1 | 204.3 |
| 105° | 180.6 | 199.2 | 218.0 | 236.6 | 255.3 | 274.0 | 292.6 | 311.2 | 329.8 | 348.5 | 407.4 |
| 107.5° | 308.9 | 343.4 | 378.0 | 412.5 | 447.1 | 481.6 | 516.1 | 550.6 | 585.2 | 619.5 | 679.3 |
| 110° | 571.3 | 598.9 | 626.8 | 654.6 | 682.4 | 710.2 | 738.0 | 765.6 | 793.5 | 821.1 | 864.8 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 770.4 | 783.0 | 795.5 | 808.2 | 820.7 | 833.2 | 845.8 | 858.3 | 870.9 | 883.4 | 914.6 |
| 115° | 812.8 | 817.2 | 821.7 | 826.1 | 830.6 | 834.9 | 839.3 | 843.6 | 848.0 | 852.2 | 873.4 |
| 117.5° | 789.1 | 788.3 | 787.7 | 786.9 | 786.1 | 785.2 | 784.5 | 783.6 | 782.7 | 781.8 | 793.7 |
| 120° | 735.6 | 731.8 | 728.1 | 724.1 | 720.3 | 716.3 | 712.6 | 708.5 | 704.6 | 700.5 | 705.6 |
| 122.5° | 668.2 | 663.6 | 659.2 | 654.4 | 649.8 | 645.0 | 640.4 | 635.4 | 630.8 | 626.0 | 628.0 |
| 125° | 605.8 | 601.1 | 596.7 | 591.9 | 587.2 | 582.4 | 577.6 | 572.7 | 567.9 | 563.0 | 564.1 |
| 127.5° | 551.6 | 548.4 | 545.3 | 541.7 | 538.3 | 535.0 | 531.5 | 527.8 | 524.5 | 520.7 | 521.0 |
| 130° | 516.5 | 513.8 | 510.8 | 507.7 | 504.7 | 501.4 | 498.2 | 495.1 | 491.9 | 488.5 | 489.0 |
| 132.5° | 487.9 | 486.0 | 483.9 | 481.7 | 479.5 | 477.1 | 474.8 | 472.2 | 469.9 | 467.5 | 468.1 |
| 135° | 468.9 | 466.9 | 465.2 | 463.1 | 461.0 | 458.7 | 456.5 | 454.1 | 451.9 | 449.5 | 450.4 |
| 137.5° | 452.7 | 451.1 | 449.4 | 447.4 | 445.5 | 443.3 | 441.4 | 439.0 | 437.0 | 434.7 | 435.6 |
| 140° | 437.9 | 436.4 | 434.9 | 433.0 | 431.4 | 429.5 | 427.5 | 425.5 | 423.6 | 421.5 | 422.5 |
| 142.5° | 421.3 | 420.0 | 418.9 | 417.5 | 416.2 | 414.5 | 413.0 | 411.3 | 409.8 | 408.0 | 409.4 |
| 145° | 410.6 | 409.5 | 408.6 | 407.5 | 406.2 | 404.8 | 403.4 | 401.9 | 400.7 | 399.2 | 400.6 |
| 147.5° | 401.0 | 400.2 | 399.4 | 398.6 | 397.6 | 396.3 | 395.2 | 394.0 | 392.9 | 391.7 | 393.2 |
| 150° | 392.8 | 392.0 | 391.4 | 390.5 | 389.5 | 388.4 | 387.2 | 386.3 | 385.2 | 384.0 | 385.5 |
| 152.5° | 384.1 | 383.2 | 382.6 | 381.7 | 380.8 | 379.6 | 378.8 | 377.7 | 376.7 | 375.5 | 376.8 |
| 155° | 378.9 | 378.1 | 377.2 | 376.5 | 375.5 | 374.6 | 373.6 | 372.6 | 371.7 | 370.6 | 371.7 |
| 157.5° | 375.6 | 374.9 | 374.3 | 373.5 | 373.0 | 372.2 | 371.5 | 370.7 | 369.9 | 369.2 | 369.9 |
| 160° | 374.3 | 373.7 | 373.0 | 372.2 | 371.6 | 370.8 | 370.2 | 369.3 | 368.8 | 367.9 | 368.6 |
| 162.5° | 373.1 | 372.3 | 371.7 | 370.9 | 370.4 | 369.6 | 369.0 | 368.3 | 367.7 | 366.8 | 367.6 |
| 165° | 373.3 | 372.9 | 372.4 | 372.0 | 371.6 | 371.1 | 370.7 | 370.1 | 369.6 | 369.1 | 369.5 |
| 167.5° | 376.7 | 376.0 | 375.5 | 374.9 | 374.3 | 373.8 | 373.2 | 372.5 | 372.1 | 371.3 | 371.8 |
| 170° | 377.8 | 377.3 | 377.1 | 376.8 | 376.5 | 376.1 | 375.8 | 375.4 | 375.1 | 374.7 | 375.2 |
| 172.5° | 379.8 | 379.5 | 379.3 | 379.1 | 378.7 | 378.5 | 378.2 | 378.0 | 377.8 | 377.4 | 378.1 |
| 175° | 379.7 | 379.5 | 379.4 | 379.2 | 379.1 | 378.9 | 378.8 | 378.6 | 378.6 | 378.3 | 378.7 |
| 177.5° | 382.4 | 382.3 | 382.3 | 382.2 | 382.2 | 382.1 | 382.0 | 381.8 | 381.7 | 381.7 | 382.0 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24693.1 | 24690.1 | 24685.9 | 24680.8 | 24676.3 | 24671.0 | 24658.8 | 24655.1 | 24659.2 | 24662.0 | 24667.6 |
| 5° | 24751.7 | 24753.5 | 24754.1 | 24765.3 | 24775.0 | 24799.2 | 24988.6 | 25063.8 | 25122.1 | 25159.0 | 25215.1 |
| 7.5° | 24928.6 | 24985.6 | 25041.9 | 25117.6 | 25182.9 | 25271.1 | 25602.4 | 25743.5 | 25843.7 | 25915.8 | 26004.5 |
| 10° | 25228.4 | 25352.7 | 25469.1 | 25605.6 | 25723.0 | 25857.4 | 26165.7 | 26303.2 | 26389.9 | 26453.0 | 26512.0 |
| 12.5° | 25530.4 | 25702.7 | 25858.4 | 26010.3 | 26137.4 | 26253.8 | 26362.3 | 26410.4 | 26414.4 | 26416.5 | 26385.2 |
| 15° | 25687.6 | 25852.4 | 25989.6 | 26090.1 | 26164.7 | 26197.7 | 26011.0 | 25913.0 | 25789.2 | 25687.2 | 25519.4 |
| 17.5° | 25588.4 | 25687.2 | 25746.5 | 25740.7 | 25709.8 | 25606.5 | 25077.6 | 24786.6 | 24497.8 | 24237.5 | 23896.3 |
| 20° | 25147.1 | 25139.6 | 25088.0 | 24941.9 | 24765.9 | 24492.2 | 23585.4 | 23062.2 | 22556.3 | 22112.0 | 21573.1 |
| 22.5° | 24326.1 | 24197.0 | 24016.8 | 23701.9 | 23352.1 | 22874.0 | 21574.4 | 20804.8 | 20100.6 | 19478.5 | 18781.6 |
| 25° | 23136.6 | 22870.9 | 22538.6 | 22038.7 | 21495.0 | 20797.7 | 19195.9 | 18238.7 | 17393.1 | 16659.8 | 15855.7 |
| 27.5° | 21614.3 | 21213.9 | 20727.1 | 20035.2 | 19298.5 | 18405.1 | 16629.3 | 15572.9 | 14665.2 | 13879.0 | 13023.2 |
| 30° | 19811.9 | 19291.2 | 18662.7 | 17803.8 | 16915.4 | 15902.0 | 14100.9 | 13030.9 | 12112.2 | 11303.5 | 10446.9 |
| 32.5° | 17775.1 | 17165.3 | 16428.7 | 15464.8 | 14503.9 | 13462.1 | 11722.7 | 10687.0 | 9809.3 | 9031.2 | 8256.1 |
| 35° | 15528.7 | 14874.7 | 14095.4 | 13112.2 | 12157.2 | 11144.2 | 9548.2 | 8614.3 | 7839.3 | 7151.5 | 6525.6 |
| 37.5° | 13118.9 | 12476.8 | 11736.1 | 10809.5 | 9923.9 | 9006.0 | 7628.8 | 6846.3 | 6195.9 | 5625.0 | 5141.7 |
| 40° | 10613.5 | 10051.5 | 9410.6 | 8609.6 | 7853.7 | 7089.3 | 5958.9 | 5337.6 | 4824.4 | 4389.0 | 4026.9 |
| 42.5° | 8138.6 | 7703.2 | 7211.7 | 6578.7 | 6000.3 | 5418.2 | 4548.2 | 4087.9 | 3707.8 | 3394.4 | 3138.3 |
| 45° | 5904.8 | 5613.6 | 5284.0 | 4843.8 | 4443.7 | 4037.7 | 3418.4 | 3095.0 | 2847.4 | 2645.3 | 2474.4 |
| 47.5° | 4127.8 | 3958.8 | 3948.5 | 3541.8 | 3248.3 | 3000.1 | 2601.1 | 2396.9 | 2245.2 | 2122.8 | 2014.6 |
| 50° | 2898.8 | 2817.1 | 2715.5 | 2570.4 | 2434.2 | 2293.9 | 2050.8 | 1927.4 | 1838.5 | 1764.3 | 1695.9 |
| 52.5° | 2167.1 | 2124.6 | 2070.6 | 1993.6 | 1919.8 | 1840.8 | 1687.0 | 1608.4 | 1580.5 | 1511.4 | 1457.2 |
| 55° | 1730.9 | 1706.6 | 1675.8 | 1630.5 | 1585.7 | 1567.7 | 1435.9 | 1377.5 | 1340.5 | 1313.3 | 1284.1 |
| 57.5° | 1437.8 | 1419.7 | 1401.4 | 1370.7 | 1344.7 | 1313.3 | 1243.3 | 1213.3 | 1191.4 | 1175.3 | 1155.1 |
| 60° | 1226.4 | 1215.6 | 1205.4 | 1187.4 | 1173.3 | 1156.4 | 1111.9 | 1095.0 | 1083.6 | 1073.8 | 1061.0 |
| 62.5° | 1082.5 | 1076.8 | 1071.6 | 1062.0 | 1054.9 | 1045.6 | 1015.3 | 1007.1 | 1001.4 | 996.6 | 988.8 |
| 65° | 978.6 | 974.6 | 971.6 | 965.2 | 961.6 | 956.3 | 930.2 | 924.7 | 921.2 | 919.4 | 914.9 |
| 67.5° | 884.1 | 879.9 | 878.0 | 873.5 | 872.0 | 868.6 | 847.3 | 844.3 | 843.0 | 843.6 | 842.0 |
| 70° | 795.8 | 794.0 | 795.0 | 794.2 | 796.3 | 796.9 | 783.9 | 783.8 | 785.2 | 788.0 | 788.2 |
| 72.5° | 742.9 | 742.9 | 743.9 | 744.3 | 746.3 | 747.2 | 736.4 | 735.9 | 736.5 | 738.5 | 738.6 |
| 75° | 692.5 | 693.4 | 696.1 | 697.0 | 699.3 | 699.7 | 685.5 | 683.9 | 684.0 | 685.9 | 685.2 |
| 77.5° | 622.8 | 625.8 | 631.1 | 633.8 | 638.2 | 638.9 | 623.0 | 621.1 | 621.2 | 623.1 | 621.4 |
| 80° | 543.8 | 549.5 | 557.8 | 563.5 | 570.3 | 573.0 | 556.6 | 552.7 | 549.0 | 548.4 | 545.2 |
| 82.5° | 459.7 | 466.8 | 476.7 | 481.8 | 489.1 | 490.7 | 463.3 | 458.1 | 455.0 | 455.2 | 452.2 |
| 85° | 351.0 | 356.2 | 365.3 | 368.2 | 372.7 | 372.3 | 341.0 | 327.5 | 331.0 | 325.5 | 329.9 |
| 87.5° | 220.1 | 223.2 | 228.9 | 229.6 | 231.7 | 231.3 | 199.7 | 193.5 | 191.7 | 191.7 | 189.5 |
| 90° | 134.7 | 138.5 | 145.2 | 147.0 | 152.0 | 153.3 | 129.5 | 128.3 | 124.6 | 124.3 | 119.6 |
| 92.5° | 66.2 | 70.8 | 75.7 | 80.4 | 85.2 | 90.0 | 91.9 | 95.7 | 91.0 | 85.9 | 81.4 |
| 95° | 78.4 | 86.1 | 93.9 | 101.6 | 109.4 | 117.1 | 124.9 | 132.6 | 125.4 | 118.1 | 110.9 |
| 97.5° | 88.1 | 97.3 | 106.4 | 115.5 | 124.7 | 133.9 | 143.0 | 152.2 | 144.4 | 136.5 | 128.7 |
| 100° | 115.6 | 132.7 | 149.9 | 166.9 | 184.0 | 201.1 | 218.2 | 235.3 | 220.3 | 205.1 | 190.2 |
| 102.5° | 240.5 | 276.8 | 313.0 | 349.3 | 385.5 | 421.8 | 458.2 | 494.6 | 460.1 | 425.5 | 391.1 |
| 105° | 466.2 | 524.9 | 583.8 | 642.4 | 701.2 | 760.0 | 819.1 | 877.9 | 822.8 | 767.6 | 712.6 |
| 107.5° | 738.9 | 798.6 | 858.1 | 917.7 | 977.4 | 1037.0 | 1097.1 | 1156.7 | 1103.0 | 1049.0 | 995.3 |
| 110° | 908.3 | 951.8 | 995.3 | 1038.7 | 1082.2 | 1125.8 | 1169.9 | 1213.4 | 1181.2 | 1148.9 | 1116.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 945.6 | 976.8 | 1007.9 | 1039.0 | 1070.0 | 1101.1 | 1133.0 | 1164.3 | 1148.1 | 1131.7 | 1115.7 |
| 115° | 894.3 | 915.4 | 936.2 | 957.2 | 978.3 | 999.1 | 1021.0 | 1042.3 | 1037.1 | 1031.9 | 1026.8 |
| 117.5° | 805.4 | 817.2 | 829.0 | 840.6 | 852.2 | 863.9 | 877.0 | 888.9 | 889.8 | 890.7 | 891.7 |
| 120° | 710.7 | 715.6 | 720.5 | 725.6 | 730.4 | 735.2 | 741.8 | 747.0 | 751.4 | 755.6 | 760.1 |
| 122.5° | 629.9 | 631.8 | 633.7 | 635.6 | 637.4 | 639.3 | 643.0 | 645.2 | 648.2 | 651.3 | 654.3 |
| 125° | 565.0 | 566.0 | 566.9 | 567.7 | 568.6 | 569.5 | 572.5 | 573.7 | 574.0 | 574.2 | 574.4 |
| 127.5° | 521.3 | 521.5 | 521.7 | 521.8 | 521.9 | 522.1 | 524.5 | 525.0 | 523.3 | 521.5 | 519.6 |
| 130° | 489.5 | 490.0 | 490.4 | 490.9 | 491.4 | 492.0 | 494.7 | 495.7 | 492.5 | 489.1 | 486.0 |
| 132.5° | 468.6 | 469.4 | 469.9 | 470.6 | 471.2 | 471.7 | 474.9 | 476.1 | 472.5 | 468.5 | 464.9 |
| 135° | 451.0 | 451.9 | 452.7 | 453.5 | 454.2 | 455.1 | 458.7 | 460.1 | 456.6 | 452.9 | 449.3 |
| 137.5° | 436.2 | 437.1 | 437.8 | 438.8 | 439.6 | 440.4 | 444.3 | 445.8 | 443.1 | 440.1 | 437.3 |
| 140° | 423.6 | 424.4 | 425.5 | 426.6 | 427.6 | 428.7 | 432.9 | 434.6 | 432.5 | 430.1 | 427.9 |
| 142.5° | 410.7 | 412.2 | 413.6 | 415.1 | 416.5 | 418.1 | 422.9 | 425.2 | 423.6 | 421.7 | 420.1 |
| 145° | 402.1 | 403.9 | 405.5 | 407.2 | 408.9 | 410.7 | 416.1 | 418.6 | 417.6 | 416.6 | 415.4 |
| 147.5° | 394.4 | 396.0 | 397.5 | 399.0 | 400.6 | 402.5 | 408.0 | 410.6 | 410.0 | 409.2 | 408.6 |
| 150° | 386.8 | 388.5 | 389.9 | 391.5 | 393.2 | 395.0 | 401.2 | 404.0 | 403.4 | 402.9 | 402.2 |
| 152.5° | 378.1 | 379.6 | 381.0 | 382.4 | 383.9 | 385.5 | 392.8 | 395.6 | 395.2 | 394.5 | 394.1 |
| 155° | 372.7 | 373.7 | 374.8 | 376.0 | 377.1 | 378.5 | 386.2 | 388.8 | 388.5 | 388.3 | 388.0 |
| 157.5° | 370.6 | 371.3 | 372.0 | 372.8 | 373.7 | 374.6 | 382.4 | 385.1 | 384.7 | 384.4 | 384.1 |
| 160° | 369.1 | 369.7 | 370.2 | 370.8 | 371.4 | 372.2 | 380.1 | 382.6 | 382.4 | 382.0 | 381.7 |
| 162.5° | 368.3 | 369.3 | 369.9 | 370.7 | 371.5 | 372.4 | 380.5 | 383.3 | 382.7 | 382.3 | 381.8 |
| 165° | 370.1 | 370.5 | 370.9 | 371.5 | 372.0 | 372.5 | 380.0 | 382.3 | 382.1 | 381.7 | 381.4 |
| 167.5° | 372.2 | 372.8 | 373.4 | 373.9 | 374.5 | 375.2 | 382.2 | 384.3 | 384.1 | 383.8 | 383.6 |
| 170° | 375.4 | 376.0 | 376.4 | 376.9 | 377.4 | 378.1 | 383.8 | 385.6 | 385.4 | 384.8 | 384.4 |
| 172.5° | 378.5 | 379.2 | 379.6 | 380.2 | 380.7 | 381.3 | 386.3 | 388.0 | 387.7 | 387.3 | 386.9 |
| 175° | 379.1 | 379.5 | 379.9 | 380.4 | 380.9 | 381.3 | 385.2 | 386.5 | 386.4 | 386.2 | 386.0 |
| 177.5° | 382.4 | 382.6 | 382.9 | 383.3 | 383.7 | 384.0 | 386.4 | 387.2 | 387.1 | 387.1 | 387.0 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24668.9 | 24677.6 | 24678.8 | 24688.9 | 24688.2 | 24700.2 | 24698.3 | 24708.1 | 24702.3 | 24710.5 | 24703.6 |
| 5° | 25248.3 | 25300.9 | 25328.3 | 25379.6 | 25395.8 | 25441.7 | 25454.7 | 25496.6 | 25498.2 | 25531.5 | 25523.9 |
| 7.5° | 26067.5 | 26144.9 | 26190.8 | 26254.3 | 26286.4 | 26339.2 | 26362.5 | 26401.5 | 26414.2 | 26445.2 | 26447.5 |
| 10° | 26556.6 | 26594.2 | 26620.5 | 26638.2 | 26654.3 | 26661.9 | 26670.7 | 26668.4 | 26670.7 | 26667.3 | 26674.8 |
| 12.5° | 26364.2 | 26309.3 | 26273.0 | 26204.2 | 26164.3 | 26088.4 | 26051.0 | 25977.9 | 25951.4 | 25888.7 | 25879.6 |
| 15° | 25389.8 | 25198.4 | 25063.1 | 24866.5 | 24742.9 | 24549.4 | 24436.2 | 24261.6 | 24181.9 | 24043.2 | 24006.7 |
| 17.5° | 23613.7 | 23258.5 | 22983.5 | 22630.8 | 22386.0 | 22056.4 | 21849.1 | 21576.2 | 21426.8 | 21206.8 | 21130.7 |
| 20° | 21123.8 | 20598.1 | 20185.7 | 19694.4 | 19342.8 | 18904.7 | 18624.3 | 18270.6 | 18065.2 | 17794.9 | 17685.4 |
| 22.5° | 18200.5 | 17546.0 | 17031.0 | 16450.5 | 16026.3 | 15538.1 | 15202.1 | 14819.4 | 14596.0 | 14302.4 | 14172.4 |
| 25° | 15187.4 | 14465.7 | 13893.1 | 13281.6 | 12833.4 | 12343.9 | 12007.9 | 11632.0 | 11400.8 | 11122.0 | 10992.8 |
| 27.5° | 12305.7 | 11575.2 | 11021.8 | 10453.2 | 10042.1 | 9600.5 | 9297.3 | 8969.0 | 8763.8 | 8525.9 | 8404.4 |
| 30° | 9762.8 | 9118.4 | 8647.4 | 8175.6 | 7833.6 | 7474.9 | 7223.0 | 6950.9 | 6770.9 | 6567.2 | 6451.4 |
| 32.5° | 7690.8 | 7193.4 | 6824.7 | 6450.3 | 6170.4 | 5870.6 | 5652.9 | 5412.9 | 5250.3 | 5068.4 | 4963.6 |
| 35° | 6091.0 | 5704.6 | 5410.4 | 5102.3 | 4861.7 | 4606.5 | 4414.6 | 4207.4 | 4061.7 | 3905.0 | 3814.5 |
| 37.5° | 4812.5 | 4505.2 | 4263.1 | 4007.1 | 3809.7 | 3598.2 | 3527.0 | 3289.3 | 3138.2 | 3013.1 | 2926.6 |
| 40° | 3776.9 | 3532.5 | 3332.2 | 3136.5 | 2975.4 | 2815.0 | 2686.3 | 2559.3 | 2461.8 | 2372.3 | 2310.5 |
| 42.5° | 2949.5 | 2772.4 | 2626.2 | 2482.7 | 2365.2 | 2248.4 | 2155.1 | 2067.6 | 2001.9 | 1943.5 | 1903.6 |
| 45° | 2344.7 | 2222.9 | 2121.3 | 2020.3 | 1937.4 | 1859.4 | 1796.6 | 1740.8 | 1698.3 | 1663.2 | 1638.3 |
| 47.5° | 1926.2 | 1842.9 | 1771.1 | 1703.0 | 1646.7 | 1595.6 | 1553.5 | 1539.9 | 1494.2 | 1463.5 | 1451.8 |
| 50° | 1637.0 | 1586.7 | 1532.2 | 1482.0 | 1444.3 | 1406.9 | 1379.7 | 1353.0 | 1335.8 | 1321.7 | 1317.5 |
| 52.5° | 1421.2 | 1382.7 | 1352.4 | 1320.6 | 1295.7 | 1269.1 | 1250.3 | 1232.5 | 1223.2 | 1215.8 | 1214.8 |
| 55° | 1260.7 | 1233.8 | 1213.7 | 1192.3 | 1177.5 | 1161.9 | 1152.2 | 1142.8 | 1138.7 | 1134.9 | 1135.2 |
| 57.5° | 1139.3 | 1121.3 | 1108.2 | 1094.4 | 1086.4 | 1078.9 | 1076.5 | 1074.0 | 1075.3 | 1075.9 | 1078.0 |
| 60° | 1050.8 | 1039.1 | 1030.9 | 1023.0 | 1019.6 | 1017.2 | 1019.0 | 1021.1 | 1025.4 | 1028.9 | 1032.0 |
| 62.5° | 983.0 | 976.3 | 972.3 | 968.1 | 967.7 | 967.9 | 971.6 | 975.0 | 980.5 | 984.5 | 987.5 |
| 65° | 913.2 | 909.4 | 908.1 | 905.3 | 906.7 | 907.6 | 912.0 | 914.7 | 920.0 | 923.2 | 927.1 |
| 67.5° | 842.7 | 841.8 | 842.6 | 842.6 | 845.1 | 847.2 | 851.4 | 854.5 | 859.1 | 862.0 | 865.1 |
| 70° | 790.6 | 791.0 | 792.9 | 793.2 | 795.9 | 797.3 | 801.0 | 803.0 | 807.1 | 809.6 | 813.3 |
| 72.5° | 740.0 | 739.2 | 739.6 | 738.4 | 739.3 | 739.0 | 740.9 | 742.0 | 745.4 | 747.4 | 751.9 |
| 75° | 686.0 | 683.8 | 683.2 | 680.8 | 680.9 | 679.1 | 680.0 | 679.9 | 682.1 | 683.0 | 686.3 |
| 77.5° | 620.9 | 617.1 | 615.2 | 611.1 | 611.0 | 609.5 | 611.1 | 612.1 | 616.2 | 618.0 | 621.8 |
| 80° | 543.0 | 537.0 | 534.2 | 529.5 | 530.4 | 530.1 | 534.0 | 537.1 | 542.0 | 542.9 | 547.7 |
| 82.5° | 451.3 | 445.2 | 442.3 | 437.6 | 438.8 | 438.8 | 442.5 | 443.1 | 447.4 | 449.2 | 454.7 |
| 85° | 323.2 | 325.5 | 319.0 | 319.5 | 318.1 | 320.6 | 323.2 | 326.3 | 329.8 | 335.7 | 340.3 |
| 87.5° | 190.3 | 189.5 | 191.7 | 192.0 | 195.3 | 197.1 | 202.3 | 205.3 | 211.3 | 215.9 | 224.3 |
| 90° | 118.2 | 113.7 | 113.9 | 111.4 | 113.0 | 110.5 | 112.2 | 109.5 | 111.8 | 111.0 | 114.4 |
| 92.5° | 76.1 | 71.4 | 66.1 | 61.4 | 56.3 | 51.7 | 49.1 | 47.0 | 44.5 | 42.5 | 39.9 |
| 95° | 103.7 | 96.4 | 89.2 | 82.0 | 74.7 | 67.5 | 64.9 | 62.3 | 59.6 | 57.0 | 54.3 |
| 97.5° | 120.9 | 113.2 | 105.5 | 97.6 | 89.8 | 82.1 | 80.3 | 78.5 | 76.8 | 75.0 | 73.3 |
| 100° | 175.1 | 160.1 | 145.1 | 130.0 | 115.0 | 100.0 | 98.6 | 97.2 | 95.8 | 94.4 | 92.9 |
| 102.5° | 356.7 | 322.2 | 287.9 | 253.4 | 219.0 | 184.6 | 178.6 | 172.6 | 166.6 | 160.6 | 154.7 |
| 105° | 657.4 | 602.2 | 547.1 | 492.1 | 437.0 | 381.9 | 365.5 | 348.9 | 332.5 | 316.1 | 299.7 |
| 107.5° | 941.6 | 887.7 | 834.0 | 780.4 | 726.6 | 672.9 | 646.9 | 620.9 | 594.9 | 569.0 | 543.0 |
| 110° | 1084.1 | 1051.8 | 1019.6 | 987.2 | 955.1 | 922.8 | 897.9 | 873.3 | 848.4 | 823.6 | 798.9 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1099.4 | 1083.3 | 1067.1 | 1051.1 | 1035.0 | 1018.9 | 1006.8 | 994.7 | 982.6 | 970.5 | 958.3 |
| 115° | 1021.6 | 1016.4 | 1011.3 | 1006.3 | 1001.2 | 996.1 | 995.2 | 994.5 | 993.5 | 992.7 | 991.9 |
| 117.5° | 892.5 | 893.5 | 894.4 | 895.4 | 896.4 | 897.5 | 903.9 | 910.2 | 916.8 | 923.3 | 930.0 |
| 120° | 764.4 | 768.8 | 773.1 | 777.6 | 781.9 | 786.5 | 795.0 | 803.7 | 812.3 | 821.2 | 830.0 |
| 122.5° | 657.3 | 660.3 | 663.3 | 666.5 | 669.6 | 672.7 | 681.1 | 689.7 | 698.2 | 706.9 | 715.9 |
| 125° | 574.4 | 574.5 | 574.8 | 574.8 | 575.0 | 575.2 | 582.2 | 589.3 | 596.4 | 603.7 | 610.8 |
| 127.5° | 517.7 | 515.8 | 513.9 | 512.1 | 510.0 | 508.4 | 512.5 | 516.7 | 520.8 | 525.1 | 529.3 |
| 130° | 482.6 | 479.2 | 475.8 | 472.7 | 469.1 | 465.9 | 467.5 | 469.2 | 470.8 | 472.6 | 474.3 |
| 132.5° | 461.0 | 457.1 | 453.2 | 449.3 | 445.4 | 441.6 | 441.5 | 441.5 | 441.4 | 441.5 | 441.7 |
| 135° | 445.7 | 442.0 | 438.2 | 434.5 | 430.8 | 427.2 | 426.2 | 425.2 | 424.3 | 423.5 | 422.7 |
| 137.5° | 434.3 | 431.4 | 428.5 | 425.5 | 422.5 | 419.6 | 418.1 | 416.9 | 415.4 | 414.4 | 413.2 |
| 140° | 425.5 | 423.3 | 420.8 | 418.4 | 416.1 | 413.8 | 412.5 | 411.5 | 410.5 | 409.5 | 408.5 |
| 142.5° | 418.2 | 416.6 | 414.8 | 413.1 | 411.2 | 409.5 | 408.4 | 407.4 | 406.3 | 405.4 | 404.4 |
| 145° | 414.2 | 413.2 | 412.0 | 410.7 | 409.7 | 408.6 | 407.6 | 406.8 | 406.0 | 405.3 | 404.8 |
| 147.5° | 407.9 | 407.3 | 406.5 | 405.8 | 404.9 | 404.2 | 403.6 | 403.3 | 402.5 | 402.1 | 401.6 |
| 150° | 401.5 | 400.9 | 400.2 | 399.7 | 398.9 | 398.2 | 397.8 | 397.5 | 397.2 | 397.1 | 396.7 |
| 152.5° | 393.3 | 392.9 | 392.2 | 391.6 | 390.9 | 390.3 | 390.0 | 389.9 | 389.6 | 389.4 | 388.9 |
| 155° | 387.5 | 387.1 | 386.7 | 386.3 | 385.7 | 385.5 | 385.0 | 384.5 | 384.2 | 383.9 | 383.4 |
| 157.5° | 383.8 | 383.5 | 383.0 | 382.7 | 382.2 | 381.8 | 381.4 | 381.1 | 380.6 | 380.3 | 379.9 |
| 160° | 381.3 | 381.1 | 380.6 | 380.3 | 379.9 | 379.6 | 378.9 | 378.4 | 377.8 | 377.3 | 376.7 |
| 162.5° | 381.2 | 380.8 | 380.3 | 379.7 | 379.2 | 378.7 | 378.2 | 377.9 | 377.5 | 377.1 | 376.7 |
| 165° | 381.1 | 380.7 | 380.3 | 379.9 | 379.7 | 379.4 | 378.7 | 378.2 | 377.6 | 377.1 | 376.6 |
| 167.5° | 383.2 | 382.9 | 382.6 | 382.3 | 381.8 | 381.5 | 381.1 | 380.5 | 379.9 | 379.4 | 378.8 |
| 170° | 384.1 | 383.6 | 383.2 | 382.6 | 382.2 | 381.7 | 381.2 | 380.7 | 380.1 | 379.7 | 379.2 |
| 172.5° | 386.5 | 386.3 | 385.9 | 385.5 | 385.0 | 384.6 | 384.2 | 383.8 | 383.3 | 382.8 | 382.6 |
| 175° | 385.9 | 385.8 | 385.7 | 385.5 | 385.4 | 385.2 | 385.0 | 384.9 | 384.7 | 384.6 | 384.3 |
| 177.5° | 387.0 | 387.0 | 387.0 | 386.8 | 386.7 | 386.7 | 386.4 | 386.2 | 385.9 | 385.6 | 385.5 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24710.8 | 24704.5 | 24707.5 | 24695.9 | 24698.7 | 24684.7 | 24683.4 | 24667.6 | 24666.1 | 24651.2 | 24645.7 |
| 5° | 25547.4 | 25533.7 | 25549.2 | 25525.0 | 25529.7 | 25498.2 | 25495.6 | 25455.0 | 25440.9 | 25390.0 | 25367.9 |
| 7.5° | 26466.9 | 26461.7 | 26471.2 | 26451.0 | 26450.3 | 26422.2 | 26410.7 | 26374.2 | 26351.5 | 26298.1 | 26263.9 |
| 10° | 26668.4 | 26673.2 | 26665.4 | 26667.3 | 26656.3 | 26653.3 | 26642.1 | 26634.9 | 26616.7 | 26602.8 | 26582.4 |
| 12.5° | 25831.9 | 25836.9 | 25805.0 | 25825.3 | 25809.2 | 25846.6 | 25843.6 | 25887.5 | 25894.3 | 25949.9 | 25971.0 |
| 15° | 23898.6 | 23892.6 | 23831.4 | 23870.0 | 23849.3 | 23931.2 | 23949.5 | 24059.7 | 24118.7 | 24260.2 | 24347.1 |
| 17.5° | 20978.2 | 20962.4 | 20876.1 | 20923.2 | 20899.3 | 21020.0 | 21060.6 | 21236.8 | 21346.8 | 21574.7 | 21737.2 |
| 20° | 17496.9 | 17466.6 | 17365.7 | 17420.7 | 17396.1 | 17533.3 | 17591.2 | 17804.2 | 17945.9 | 18247.9 | 18462.8 |
| 22.5° | 13972.2 | 13924.6 | 13825.7 | 13877.1 | 13853.8 | 13995.9 | 14071.2 | 14285.0 | 14447.4 | 14757.4 | 15008.1 |
| 25° | 10807.2 | 10764.7 | 10669.2 | 10705.1 | 10696.5 | 10816.7 | 10883.6 | 11085.9 | 11245.4 | 11540.7 | 11780.1 |
| 27.5° | 8242.9 | 8198.6 | 8112.4 | 8137.8 | 8129.0 | 8231.5 | 8294.7 | 8463.5 | 8600.8 | 8849.4 | 9059.6 |
| 30° | 6308.7 | 6255.3 | 6182.2 | 6196.2 | 6190.2 | 6273.2 | 6332.2 | 6474.4 | 6592.1 | 6802.2 | 6983.3 |
| 32.5° | 4835.7 | 4782.0 | 4714.7 | 4721.3 | 4712.5 | 4777.6 | 4826.2 | 4949.9 | 5052.4 | 5231.1 | 5388.7 |
| 35° | 3699.9 | 3762.6 | 3619.0 | 3709.9 | 3615.2 | 3754.3 | 3704.3 | 3781.6 | 3869.8 | 4020.4 | 4151.8 |
| 37.5° | 2844.4 | 2800.7 | 2763.8 | 2759.8 | 2759.6 | 2791.9 | 2829.9 | 2904.3 | 2982.0 | 3094.1 | 3210.0 |
| 40° | 2254.0 | 2223.4 | 2199.5 | 2197.7 | 2199.5 | 2222.3 | 2250.4 | 2302.0 | 2358.8 | 2439.4 | 2524.5 |
| 42.5° | 1869.5 | 1849.2 | 1834.7 | 1833.7 | 1838.3 | 1854.5 | 1874.1 | 1904.6 | 1941.6 | 1993.9 | 2052.2 |
| 45° | 1618.1 | 1606.7 | 1598.7 | 1598.3 | 1600.4 | 1608.8 | 1620.0 | 1639.1 | 1662.6 | 1695.2 | 1732.1 |
| 47.5° | 1441.6 | 1438.9 | 1433.8 | 1434.0 | 1431.8 | 1435.2 | 1436.5 | 1447.2 | 1459.7 | 1484.2 | 1532.5 |
| 50° | 1313.2 | 1313.2 | 1309.7 | 1309.5 | 1306.2 | 1306.1 | 1303.3 | 1307.6 | 1313.4 | 1328.6 | 1344.0 |
| 52.5° | 1211.6 | 1211.3 | 1207.5 | 1206.8 | 1203.3 | 1203.1 | 1200.8 | 1202.5 | 1203.2 | 1210.9 | 1220.2 |
| 55° | 1132.3 | 1129.9 | 1125.0 | 1123.4 | 1122.1 | 1124.1 | 1123.1 | 1123.2 | 1122.2 | 1125.5 | 1128.2 |
| 57.5° | 1075.3 | 1072.3 | 1067.6 | 1066.2 | 1065.9 | 1068.2 | 1068.3 | 1067.5 | 1063.2 | 1060.3 | 1056.1 |
| 60° | 1030.3 | 1027.2 | 1022.1 | 1020.8 | 1021.6 | 1024.9 | 1024.7 | 1021.9 | 1015.6 | 1010.1 | 1003.5 |
| 62.5° | 986.0 | 984.8 | 982.1 | 981.9 | 981.2 | 981.8 | 979.4 | 976.5 | 970.2 | 964.3 | 957.3 |
| 65° | 926.6 | 927.2 | 925.4 | 925.7 | 923.3 | 922.9 | 919.5 | 916.7 | 910.3 | 905.0 | 897.7 |
| 67.5° | 865.0 | 865.4 | 863.8 | 863.8 | 862.7 | 862.9 | 860.7 | 858.1 | 852.7 | 848.4 | 842.8 |
| 70° | 814.1 | 815.4 | 814.5 | 814.7 | 813.3 | 812.8 | 809.5 | 807.0 | 801.4 | 797.7 | 792.7 |
| 72.5° | 753.3 | 756.0 | 755.9 | 756.6 | 754.4 | 753.3 | 749.4 | 746.2 | 741.1 | 738.2 | 734.2 |
| 75° | 687.6 | 691.2 | 692.1 | 693.7 | 690.6 | 688.9 | 684.6 | 682.1 | 678.0 | 676.3 | 673.7 |
| 77.5° | 623.5 | 627.4 | 631.2 | 634.6 | 629.6 | 625.1 | 619.7 | 615.6 | 609.8 | 607.5 | 603.4 |
| 80° | 551.4 | 558.5 | 566.7 | 573.6 | 564.6 | 555.5 | 546.7 | 540.1 | 532.3 | 529.1 | 524.0 |
| 82.5° | 457.5 | 464.6 | 469.4 | 473.9 | 467.5 | 460.9 | 452.3 | 446.5 | 438.2 | 435.1 | 429.1 |
| 85° | 347.6 | 356.4 | 359.2 | 361.7 | 357.6 | 354.1 | 346.0 | 335.2 | 329.9 | 321.6 | 317.3 |
| 87.5° | 228.7 | 233.9 | 234.9 | 235.8 | 233.2 | 231.6 | 226.3 | 221.3 | 212.2 | 205.6 | 197.6 |
| 90° | 112.6 | 114.6 | 111.0 | 110.7 | 109.0 | 110.8 | 107.1 | 106.8 | 100.8 | 99.5 | 94.3 |
| 92.5° | 37.7 | 35.2 | 33.0 | 30.6 | 33.3 | 35.3 | 37.9 | 39.9 | 42.4 | 44.5 | 47.0 |
| 95° | 51.7 | 49.0 | 46.4 | 43.7 | 45.9 | 48.0 | 50.1 | 52.2 | 54.3 | 56.4 | 58.5 |
| 97.5° | 71.5 | 69.8 | 68.0 | 66.2 | 67.4 | 68.7 | 69.9 | 71.1 | 72.4 | 73.6 | 74.9 |
| 100° | 91.5 | 90.1 | 88.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| 102.5° | 148.7 | 142.7 | 136.7 | 130.7 | 134.7 | 138.7 | 142.8 | 146.9 | 150.9 | 154.9 | 159.1 |
| 105° | 283.3 | 266.9 | 250.5 | 234.1 | 249.9 | 265.8 | 281.7 | 297.6 | 313.4 | 329.5 | 345.4 |
| 107.5° | 517.0 | 491.1 | 465.2 | 439.2 | 468.3 | 497.2 | 526.1 | 555.0 | 583.9 | 612.9 | 641.9 |
| 110° | 774.3 | 749.6 | 724.9 | 700.2 | 730.9 | 761.5 | 792.3 | 822.9 | 853.7 | 884.3 | 915.3 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 946.4 | 934.4 | 922.4 | 910.4 | 930.2 | 949.9 | 969.6 | 989.5 | 1009.3 | 1029.2 | 1048.8 |
| 115° | 991.1 | 990.4 | 989.7 | 989.0 | 998.3 | 1007.7 | 1017.0 | 1026.4 | 1035.9 | 1045.3 | 1054.7 |
| 117.5° | 936.4 | 943.1 | 949.7 | 956.5 | 959.5 | 962.5 | 965.6 | 968.6 | 971.7 | 974.8 | 978.0 |
| 120° | 838.9 | 847.6 | 856.6 | 865.6 | 864.4 | 863.2 | 862.1 | 860.8 | 859.8 | 858.7 | 857.8 |
| 122.5° | 724.7 | 733.5 | 742.5 | 751.4 | 748.8 | 746.1 | 743.6 | 741.0 | 738.6 | 736.1 | 733.7 |
| 125° | 618.3 | 625.6 | 633.1 | 640.6 | 638.0 | 635.3 | 632.7 | 630.4 | 627.9 | 625.4 | 623.3 |
| 127.5° | 533.9 | 538.5 | 543.0 | 547.7 | 546.5 | 545.3 | 544.2 | 543.1 | 542.2 | 541.3 | 540.5 |
| 130° | 476.2 | 478.2 | 480.4 | 482.5 | 482.9 | 483.2 | 483.7 | 484.3 | 485.0 | 485.7 | 486.5 |
| 132.5° | 442.0 | 442.3 | 442.8 | 443.3 | 444.7 | 446.2 | 447.7 | 449.3 | 451.2 | 452.9 | 455.1 |
| 135° | 422.2 | 421.6 | 421.1 | 420.8 | 422.9 | 424.9 | 427.2 | 429.5 | 432.1 | 434.6 | 437.3 |
| 137.5° | 412.3 | 411.3 | 410.7 | 409.7 | 411.9 | 413.9 | 416.3 | 418.6 | 421.1 | 423.7 | 426.4 |
| 140° | 407.7 | 406.9 | 406.3 | 405.6 | 407.7 | 409.7 | 412.1 | 414.3 | 416.8 | 419.4 | 422.1 |
| 142.5° | 403.6 | 402.9 | 402.3 | 401.8 | 403.5 | 405.5 | 407.7 | 409.7 | 412.1 | 414.2 | 416.6 |
| 145° | 404.1 | 403.4 | 403.1 | 402.6 | 403.9 | 405.3 | 406.8 | 408.4 | 410.2 | 411.8 | 413.7 |
| 147.5° | 401.2 | 400.8 | 400.6 | 400.3 | 401.4 | 402.3 | 403.5 | 404.6 | 405.9 | 407.1 | 408.6 |
| 150° | 396.7 | 396.4 | 396.3 | 396.3 | 397.0 | 397.5 | 398.4 | 398.9 | 399.9 | 400.6 | 401.8 |
| 152.5° | 388.9 | 388.6 | 388.7 | 388.6 | 389.2 | 389.9 | 390.6 | 391.2 | 392.0 | 392.7 | 393.6 |
| 155° | 383.2 | 382.9 | 382.6 | 382.4 | 382.6 | 382.7 | 383.0 | 383.2 | 383.7 | 384.0 | 384.3 |
| 157.5° | 379.7 | 379.4 | 379.2 | 378.8 | 378.8 | 378.7 | 378.8 | 378.8 | 378.9 | 378.8 | 379.0 |
| 160° | 376.4 | 375.8 | 375.3 | 374.9 | 375.1 | 375.1 | 375.2 | 375.2 | 375.5 | 375.7 | 375.9 |
| 162.5° | 376.4 | 376.0 | 375.8 | 375.4 | 375.2 | 374.9 | 374.7 | 374.3 | 374.1 | 373.9 | 373.8 |
| 165° | 376.0 | 375.4 | 375.0 | 374.4 | 374.4 | 374.3 | 374.2 | 374.1 | 374.0 | 373.9 | 374.0 |
| 167.5° | 378.4 | 377.8 | 377.3 | 376.7 | 376.4 | 375.9 | 375.6 | 375.2 | 374.9 | 374.5 | 374.3 |
| 170° | 378.8 | 378.2 | 377.9 | 377.4 | 377.2 | 376.9 | 376.8 | 376.7 | 376.6 | 376.5 | 376.5 |
| 172.5° | 382.2 | 381.7 | 381.3 | 381.0 | 380.8 | 380.6 | 380.5 | 380.4 | 380.3 | 380.3 | 380.2 |
| 175° | 384.2 | 384.1 | 384.0 | 383.9 | 383.6 | 383.4 | 383.1 | 382.9 | 382.8 | 382.6 | 382.4 |
| 177.5° | 385.2 | 384.9 | 384.7 | 384.5 | 384.4 | 384.4 | 384.4 | 384.4 | 384.4 | 384.3 | 384.2 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24629.6 | 24623.2 | 24606.1 | 24597.7 | 24582.0 | 24574.0 | 24561.7 | 24553.8 | 24543.8 | 24536.4 | 24532.6 |
| 5° | 25312.0 | 25280.6 | 25217.4 | 25178.5 | 25110.4 | 25065.6 | 24997.9 | 24948.2 | 24878.3 | 24826.8 | 24760.8 |
| 7.5° | 26199.9 | 26151.6 | 26070.8 | 26009.4 | 25914.1 | 25841.2 | 25734.2 | 25648.6 | 25530.4 | 25432.2 | 25311.5 |
| 10° | 26561.4 | 26533.2 | 26496.9 | 26457.4 | 26404.6 | 26352.8 | 26279.7 | 26205.3 | 26106.1 | 26007.3 | 25878.4 |
| 12.5° | 26027.1 | 26053.7 | 26106.1 | 26130.5 | 26170.5 | 26184.1 | 26202.5 | 26193.8 | 26177.6 | 26137.4 | 26078.8 |
| 15° | 24514.0 | 24625.0 | 24800.1 | 24921.2 | 25091.0 | 25210.2 | 25367.9 | 25469.5 | 25586.5 | 25656.4 | 25722.8 |
| 17.5° | 22025.1 | 22239.5 | 22548.6 | 22795.2 | 23126.3 | 23395.4 | 23725.2 | 23984.3 | 24283.4 | 24513.0 | 24757.3 |
| 20° | 18837.2 | 19137.4 | 19564.1 | 19926.5 | 20406.2 | 20812.9 | 21334.1 | 21770.6 | 22279.8 | 22704.3 | 23162.5 |
| 22.5° | 15406.1 | 15759.3 | 16248.2 | 16685.2 | 17258.1 | 17769.7 | 18422.6 | 18999.8 | 19688.3 | 20304.9 | 20987.2 |
| 25° | 12169.3 | 12515.4 | 13013.4 | 13466.0 | 14084.4 | 14648.0 | 15361.3 | 16023.4 | 16822.4 | 17567.3 | 18422.6 |
| 27.5° | 9393.5 | 9700.9 | 10138.7 | 10546.1 | 11112.5 | 11665.8 | 12389.7 | 13095.8 | 13948.3 | 14748.9 | 15670.6 |
| 30° | 7254.4 | 7503.9 | 7854.7 | 8182.3 | 8637.0 | 9089.5 | 9734.4 | 10387.4 | 11235.6 | 12065.3 | 13010.2 |
| 32.5° | 5621.9 | 5834.7 | 6127.5 | 6393.5 | 6743.8 | 7085.0 | 7559.9 | 8081.7 | 8825.8 | 9620.5 | 10534.1 |
| 35° | 4352.0 | 4534.0 | 4783.2 | 5012.3 | 5300.5 | 5571.4 | 5925.7 | 6298.1 | 6866.0 | 7534.4 | 8352.1 |
| 37.5° | 3469.7 | 3543.9 | 3721.7 | 3909.4 | 4148.8 | 4371.3 | 4648.5 | 4924.0 | 5330.2 | 5857.6 | 6525.6 |
| 40° | 2638.6 | 2756.5 | 2901.2 | 3049.1 | 3230.2 | 3408.8 | 3712.9 | 3859.3 | 4126.8 | 4505.4 | 5023.9 |
| 42.5° | 2129.0 | 2211.9 | 2313.8 | 2416.6 | 2542.9 | 2667.2 | 2821.0 | 2977.7 | 3177.6 | 3434.1 | 3802.9 |
| 45° | 1781.6 | 1835.7 | 1901.3 | 1969.8 | 2052.8 | 2137.6 | 2240.6 | 2348.1 | 2483.7 | 2641.3 | 2865.3 |
| 47.5° | 1549.5 | 1579.4 | 1622.3 | 1669.0 | 1725.9 | 1784.6 | 1851.6 | 1920.2 | 2004.4 | 2097.9 | 2225.3 |
| 50° | 1368.3 | 1393.3 | 1426.6 | 1457.9 | 1497.0 | 1557.3 | 1583.9 | 1621.7 | 1672.3 | 1727.4 | 1798.7 |
| 52.5° | 1237.3 | 1253.9 | 1274.8 | 1292.8 | 1317.6 | 1340.1 | 1369.7 | 1395.7 | 1430.7 | 1463.8 | 1509.9 |
| 55° | 1135.2 | 1141.2 | 1153.1 | 1164.6 | 1181.8 | 1197.2 | 1217.4 | 1234.5 | 1256.9 | 1276.6 | 1305.7 |
| 57.5° | 1056.3 | 1056.9 | 1062.4 | 1068.4 | 1079.5 | 1089.1 | 1103.1 | 1114.3 | 1129.8 | 1142.4 | 1159.8 |
| 60° | 999.7 | 996.7 | 997.8 | 999.8 | 1006.1 | 1012.4 | 1021.3 | 1028.6 | 1038.3 | 1045.5 | 1055.3 |
| 62.5° | 952.5 | 947.8 | 946.7 | 946.2 | 949.3 | 951.5 | 956.4 | 959.9 | 965.5 | 968.6 | 973.8 |
| 65° | 893.0 | 887.4 | 885.2 | 882.7 | 883.6 | 882.8 | 884.6 | 884.7 | 887.5 | 888.2 | 891.2 |
| 67.5° | 838.9 | 834.3 | 831.5 | 828.1 | 826.5 | 824.0 | 822.9 | 820.6 | 820.2 | 818.1 | 817.7 |
| 70° | 789.6 | 785.1 | 782.7 | 779.5 | 777.9 | 774.7 | 772.6 | 768.6 | 766.2 | 762.5 | 760.4 |
| 72.5° | 732.7 | 730.1 | 729.4 | 727.2 | 726.6 | 724.8 | 724.0 | 721.2 | 719.5 | 716.3 | 714.5 |
| 75° | 673.1 | 671.0 | 670.8 | 668.6 | 668.4 | 666.3 | 665.7 | 662.7 | 661.1 | 657.9 | 656.5 |
| 77.5° | 602.1 | 599.0 | 598.1 | 595.6 | 596.2 | 595.1 | 596.0 | 593.7 | 592.7 | 589.6 | 588.5 |
| 80° | 522.2 | 518.2 | 516.5 | 513.1 | 514.1 | 512.6 | 514.1 | 513.9 | 515.1 | 512.6 | 512.1 |
| 82.5° | 427.5 | 423.1 | 422.3 | 419.9 | 421.5 | 421.7 | 425.1 | 423.2 | 424.0 | 421.6 | 422.5 |
| 85° | 311.1 | 307.8 | 303.2 | 302.7 | 299.7 | 302.7 | 298.8 | 301.4 | 297.1 | 300.1 | 296.1 |
| 87.5° | 192.9 | 186.1 | 182.6 | 177.7 | 175.9 | 171.2 | 169.4 | 166.0 | 166.9 | 165.4 | 166.3 |
| 90° | 94.3 | 89.8 | 90.9 | 88.3 | 90.2 | 88.3 | 91.1 | 90.5 | 93.7 | 92.9 | 96.4 |
| 92.5° | 49.1 | 51.3 | 55.5 | 59.9 | 64.1 | 68.3 | 72.4 | 76.9 | 81.0 | 85.4 | 89.5 |
| 95° | 60.6 | 62.8 | 68.4 | 74.0 | 79.7 | 85.3 | 91.0 | 96.7 | 102.4 | 108.0 | 113.6 |
| 97.5° | 76.2 | 77.4 | 83.0 | 88.7 | 94.3 | 99.9 | 105.7 | 111.5 | 117.1 | 122.8 | 128.4 |
| 100° | 87.3 | 87.4 | 103.4 | 119.5 | 135.5 | 151.7 | 167.8 | 183.8 | 200.0 | 216.1 | 232.1 |
| 102.5° | 163.1 | 167.1 | 207.7 | 248.3 | 288.9 | 329.4 | 370.1 | 410.7 | 451.3 | 492.1 | 532.7 |
| 105° | 361.3 | 377.2 | 439.1 | 501.1 | 563.0 | 625.0 | 687.0 | 749.1 | 811.0 | 873.0 | 935.0 |
| 107.5° | 670.9 | 699.9 | 755.9 | 811.9 | 867.8 | 923.9 | 980.0 | 1036.0 | 1091.9 | 1148.0 | 1204.2 |
| 110° | 945.9 | 976.7 | 1014.2 | 1051.7 | 1089.3 | 1126.8 | 1164.4 | 1202.0 | 1239.6 | 1277.2 | 1314.9 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1068.7 | 1088.6 | 1110.5 | 1132.4 | 1154.3 | 1176.2 | 1198.1 | 1220.0 | 1242.1 | 1264.1 | 1286.1 |
| 115° | 1064.3 | 1073.7 | 1082.1 | 1090.8 | 1099.2 | 1107.9 | 1116.5 | 1125.3 | 1134.0 | 1142.7 | 1151.4 |
| 117.5° | 981.1 | 984.5 | 985.7 | 987.2 | 988.5 | 990.1 | 991.6 | 993.1 | 994.7 | 996.4 | 997.8 |
| 120° | 856.8 | 855.9 | 854.5 | 853.1 | 851.7 | 850.4 | 849.3 | 848.1 | 847.0 | 845.8 | 844.5 |
| 122.5° | 731.3 | 729.1 | 727.7 | 726.5 | 725.4 | 724.3 | 723.0 | 722.1 | 721.1 | 720.0 | 718.9 |
| 125° | 620.9 | 618.8 | 620.1 | 621.4 | 622.8 | 624.2 | 625.6 | 627.1 | 628.6 | 630.1 | 631.7 |
| 127.5° | 539.6 | 539.1 | 542.4 | 545.6 | 549.1 | 552.6 | 556.0 | 559.5 | 563.0 | 566.6 | 570.0 |
| 130° | 487.5 | 488.5 | 492.7 | 497.0 | 501.3 | 505.8 | 510.2 | 514.7 | 519.0 | 523.4 | 527.8 |
| 132.5° | 456.9 | 459.2 | 463.1 | 467.4 | 471.5 | 475.8 | 480.1 | 484.4 | 488.6 | 493.0 | 497.0 |
| 135° | 440.1 | 442.9 | 446.6 | 450.6 | 454.4 | 458.3 | 462.2 | 466.2 | 469.9 | 473.9 | 477.6 |
| 137.5° | 429.0 | 431.9 | 435.0 | 438.1 | 441.1 | 444.5 | 447.6 | 450.8 | 453.7 | 457.0 | 460.0 |
| 140° | 424.7 | 427.5 | 429.2 | 431.3 | 433.0 | 434.9 | 436.6 | 438.6 | 440.3 | 442.3 | 444.0 |
| 142.5° | 419.1 | 421.8 | 422.8 | 424.0 | 425.2 | 426.6 | 427.8 | 429.0 | 430.1 | 431.2 | 432.3 |
| 145° | 415.5 | 417.5 | 417.6 | 417.9 | 418.1 | 418.4 | 418.5 | 418.7 | 418.8 | 419.0 | 419.1 |
| 147.5° | 410.0 | 411.5 | 411.2 | 411.3 | 411.2 | 411.0 | 410.9 | 410.8 | 410.6 | 410.6 | 410.4 |
| 150° | 402.6 | 403.7 | 403.2 | 402.9 | 402.3 | 402.0 | 401.5 | 401.2 | 400.6 | 400.3 | 399.8 |
| 152.5° | 394.4 | 395.3 | 394.5 | 394.3 | 393.6 | 393.1 | 392.5 | 392.1 | 391.5 | 391.0 | 390.5 |
| 155° | 384.6 | 385.1 | 384.7 | 384.4 | 384.1 | 383.9 | 383.5 | 383.4 | 383.2 | 382.9 | 382.7 |
| 157.5° | 379.1 | 379.2 | 379.0 | 378.8 | 378.5 | 378.4 | 378.3 | 378.2 | 378.1 | 378.2 | 378.2 |
| 160° | 376.0 | 376.3 | 376.0 | 375.8 | 375.6 | 375.4 | 375.3 | 375.3 | 375.2 | 375.4 | 375.4 |
| 162.5° | 373.6 | 373.5 | 373.2 | 373.0 | 372.9 | 372.8 | 372.7 | 372.8 | 372.8 | 372.9 | 373.0 |
| 165° | 374.1 | 374.3 | 373.7 | 373.6 | 373.3 | 373.0 | 372.7 | 372.5 | 372.5 | 372.4 | 372.3 |
| 167.5° | 374.0 | 373.8 | 373.8 | 373.9 | 373.9 | 374.0 | 374.1 | 374.5 | 374.6 | 375.0 | 375.0 |
| 170° | 376.4 | 376.5 | 376.2 | 376.1 | 375.9 | 375.8 | 375.8 | 375.7 | 375.6 | 375.6 | 375.5 |
| 172.5° | 380.2 | 380.2 | 379.8 | 379.5 | 379.2 | 378.9 | 378.5 | 378.2 | 378.0 | 377.7 | 377.3 |
| 175° | 382.1 | 381.9 | 381.7 | 381.5 | 381.3 | 381.1 | 381.0 | 380.6 | 380.4 | 380.2 | 380.0 |
| 177.5° | 384.1 | 384.0 | 383.9 | 383.9 | 383.8 | 383.7 | 383.7 | 383.6 | 383.6 | 383.6 | 383.4 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24527.6 | 24527.3 | 24525.0 | 24526.1 | 24526.6 | 24528.3 | 24530.4 | 24532.6 | 24533.1 | 24534.7 | 24535.1 |
| 5° | 24711.2 | 24650.5 | 24605.7 | 24556.3 | 24519.2 | 24485.8 | 24463.6 | 24445.9 | 24439.0 | 24440.7 | 24444.8 |
| 7.5° | 25209.0 | 25083.8 | 24980.3 | 24862.9 | 24764.9 | 24661.1 | 24575.1 | 24493.3 | 24433.8 | 24389.4 | 24364.5 |
| 10° | 25755.2 | 25602.6 | 25456.7 | 25286.6 | 25125.3 | 24953.2 | 24797.2 | 24640.2 | 24509.4 | 24395.6 | 24312.2 |
| 12.5° | 25997.6 | 25889.7 | 25763.5 | 25603.1 | 25430.5 | 25231.8 | 25031.3 | 24816.2 | 24616.2 | 24430.6 | 24280.9 |
| 15° | 25740.9 | 25741.1 | 25695.1 | 25618.1 | 25498.2 | 25339.5 | 25148.4 | 24924.2 | 24688.3 | 24447.5 | 24227.6 |
| 17.5° | 24926.3 | 25080.0 | 25165.4 | 25219.6 | 25202.9 | 25144.5 | 25022.9 | 24850.7 | 24630.8 | 24374.3 | 24105.9 |
| 20° | 23527.2 | 23889.8 | 24148.3 | 24380.7 | 24511.0 | 24597.5 | 24588.9 | 24518.8 | 24362.2 | 24144.1 | 23864.6 |
| 22.5° | 21567.4 | 22175.9 | 22656.1 | 23103.8 | 23417.8 | 23673.3 | 23794.7 | 23846.3 | 23775.3 | 23623.4 | 23361.0 |
| 25° | 19187.1 | 20014.4 | 20720.5 | 21405.7 | 21919.6 | 22361.4 | 22626.9 | 22813.9 | 22828.8 | 22749.4 | 22515.2 |
| 27.5° | 16542.0 | 17518.6 | 18412.2 | 19322.9 | 20045.8 | 20680.8 | 21097.4 | 21402.4 | 21499.2 | 21486.5 | 21273.9 |
| 30° | 13900.4 | 14925.6 | 15910.7 | 16972.5 | 17867.0 | 18678.3 | 19228.7 | 19641.1 | 19800.1 | 19830.5 | 19625.9 |
| 32.5° | 11405.6 | 12416.6 | 13398.9 | 14509.1 | 15493.4 | 16423.1 | 17073.4 | 17563.4 | 17748.2 | 17791.7 | 17567.3 |
| 35° | 9141.4 | 10074.2 | 11007.6 | 12083.6 | 13062.2 | 14025.1 | 14710.3 | 15223.2 | 15395.8 | 15424.9 | 15165.2 |
| 37.5° | 7178.0 | 7972.7 | 8786.1 | 9751.5 | 10650.2 | 11554.5 | 12205.5 | 12687.5 | 12813.2 | 12805.5 | 12511.5 |
| 40° | 5524.8 | 6142.7 | 6796.2 | 7591.0 | 8338.1 | 9102.6 | 9652.3 | 10050.8 | 10116.8 | 10067.9 | 9759.2 |
| 42.5° | 4154.3 | 4600.6 | 5074.4 | 5667.7 | 6222.1 | 6794.1 | 7194.1 | 7490.0 | 7499.4 | 7422.0 | 7144.8 |
| 45° | 3095.0 | 3530.4 | 3729.0 | 4087.7 | 4444.8 | 4825.3 | 5069.5 | 5252.2 | 5223.9 | 5155.8 | 4945.3 |
| 47.5° | 2359.4 | 2526.7 | 2704.2 | 2926.6 | 3134.6 | 3566.2 | 3534.3 | 3827.8 | 3616.4 | 3760.5 | 3443.2 |
| 50° | 1873.6 | 1967.1 | 2062.7 | 2180.8 | 2289.4 | 2402.3 | 2472.8 | 2525.5 | 2518.6 | 2496.0 | 2435.2 |
| 52.5° | 1594.0 | 1622.8 | 1670.0 | 1737.1 | 1797.8 | 1858.8 | 1899.0 | 1931.6 | 1932.2 | 1923.2 | 1892.3 |
| 55° | 1332.2 | 1368.9 | 1402.7 | 1446.7 | 1521.3 | 1532.8 | 1590.4 | 1578.7 | 1583.3 | 1567.3 | 1583.7 |
| 57.5° | 1174.6 | 1195.9 | 1215.0 | 1241.1 | 1262.7 | 1287.9 | 1302.8 | 1317.1 | 1315.7 | 1312.6 | 1297.0 |
| 60° | 1062.9 | 1074.7 | 1085.3 | 1100.5 | 1112.3 | 1126.6 | 1133.4 | 1140.7 | 1138.4 | 1133.0 | 1119.1 |
| 62.5° | 976.8 | 984.2 | 990.2 | 1000.0 | 1007.2 | 1016.1 | 1019.7 | 1022.8 | 1019.7 | 1014.6 | 1002.4 |
| 65° | 891.8 | 896.6 | 900.5 | 907.9 | 912.9 | 920.5 | 923.5 | 926.4 | 923.6 | 919.7 | 910.3 |
| 67.5° | 815.2 | 815.7 | 815.3 | 818.3 | 819.9 | 824.5 | 825.8 | 828.0 | 824.6 | 821.2 | 813.3 |
| 70° | 757.1 | 755.9 | 754.5 | 755.6 | 755.9 | 758.1 | 758.5 | 758.1 | 754.2 | 748.3 | 739.7 |
| 72.5° | 711.7 | 711.1 | 709.9 | 711.0 | 711.0 | 712.9 | 712.4 | 711.3 | 706.5 | 700.8 | 692.2 |
| 75° | 653.3 | 652.9 | 650.6 | 650.7 | 649.0 | 649.5 | 647.2 | 645.9 | 640.4 | 635.7 | 628.1 |
| 77.5° | 585.0 | 583.9 | 580.7 | 579.4 | 576.0 | 574.6 | 570.1 | 567.9 | 562.4 | 558.6 | 552.0 |
| 80° | 508.7 | 507.5 | 503.4 | 501.1 | 495.6 | 492.1 | 485.6 | 481.8 | 475.6 | 471.8 | 465.5 |
| 82.5° | 420.5 | 421.0 | 416.8 | 414.0 | 406.2 | 400.2 | 391.4 | 386.7 | 379.7 | 376.1 | 369.4 |
| 85° | 299.1 | 294.8 | 297.0 | 296.8 | 292.0 | 286.7 | 279.6 | 274.6 | 268.7 | 265.3 | 260.7 |
| 87.5° | 164.0 | 165.0 | 163.8 | 162.8 | 159.3 | 156.7 | 151.2 | 148.3 | 144.0 | 141.8 | 138.4 |
| 90° | 89.6 | 87.1 | 80.6 | 78.1 | 71.8 | 67.9 | 60.9 | 57.6 | 51.0 | 49.4 | 45.3 |
| 92.5° | 84.7 | 79.9 | 75.3 | 70.3 | 65.9 | 61.1 | 56.3 | 51.5 | 46.7 | 45.0 | 43.6 |
| 95° | 106.8 | 99.9 | 93.1 | 86.2 | 79.3 | 72.4 | 65.7 | 58.7 | 51.9 | 50.5 | 49.1 |
| 97.5° | 120.4 | 112.3 | 104.2 | 96.1 | 88.1 | 79.9 | 71.8 | 63.8 | 55.6 | 54.8 | 53.9 |
| 100° | 213.5 | 194.8 | 176.1 | 157.5 | 138.8 | 120.2 | 101.5 | 82.9 | 64.3 | 63.2 | 62.1 |
| 102.5° | 487.4 | 442.1 | 397.0 | 351.7 | 306.6 | 261.2 | 216.1 | 170.8 | 125.5 | 119.0 | 112.5 |
| 105° | 866.5 | 798.0 | 729.7 | 661.2 | 592.7 | 524.2 | 455.8 | 387.1 | 318.7 | 296.7 | 274.6 |
| 107.5° | 1139.9 | 1075.4 | 1011.2 | 946.8 | 882.4 | 818.1 | 753.6 | 689.1 | 624.7 | 586.0 | 547.3 |
| 110° | 1263.7 | 1212.6 | 1161.7 | 1110.6 | 1059.5 | 1008.4 | 957.3 | 906.2 | 855.0 | 821.6 | 788.4 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|
| 112.5° | 1248.7 | 1211.3 | 1174.0 | 1136.4 | 1099.1 | 1061.6 | 1024.1 | 986.5 | 949.0 | 928.8 | 908.5 |
| 115° | 1128.8 | 1106.3 | 1083.9 | 1061.3 | 1038.8 | 1016.2 | 993.7 | 971.0 | 948.3 | 937.6 | 927.0 |
| 117.5° | 986.4 | 974.9 | 963.5 | 951.9 | 940.4 | 928.7 | 917.2 | 905.6 | 894.0 | 890.3 | 886.5 |
| 120° | 841.4 | 837.9 | 834.2 | 830.8 | 827.3 | 823.7 | 820.1 | 816.5 | 812.9 | 813.3 | 813.8 |
| 122.5° | 720.3 | 721.6 | 723.1 | 724.3 | 725.8 | 726.9 | 728.3 | 729.3 | 730.6 | 733.4 | 736.3 |
| 125° | 635.0 | 638.3 | 641.7 | 645.0 | 648.3 | 651.5 | 654.9 | 658.0 | 661.4 | 664.2 | 667.2 |
| 127.5° | 573.8 | 577.5 | 581.3 | 585.0 | 588.9 | 592.5 | 596.2 | 599.8 | 603.5 | 606.1 | 608.8 |
| 130° | 531.1 | 534.3 | 537.7 | 540.8 | 544.0 | 547.2 | 550.4 | 553.7 | 556.9 | 558.8 | 560.9 |
| 132.5° | 500.0 | 502.9 | 505.9 | 508.6 | 511.6 | 514.4 | 517.4 | 520.2 | 523.2 | 524.7 | 526.3 |
| 135° | 480.0 | 482.0 | 484.2 | 486.2 | 488.7 | 490.7 | 493.0 | 495.1 | 497.5 | 498.5 | 499.6 |
| 137.5° | 461.8 | 463.5 | 465.4 | 467.0 | 469.0 | 470.7 | 472.6 | 474.4 | 476.5 | 476.9 | 477.5 |
| 140° | 445.8 | 447.7 | 449.5 | 451.4 | 453.5 | 455.2 | 457.4 | 459.4 | 461.5 | 461.9 | 462.6 |
| 142.5° | 433.8 | 435.2 | 436.7 | 438.2 | 439.7 | 441.2 | 442.9 | 444.7 | 446.3 | 446.8 | 447.4 |
| 145° | 420.9 | 422.5 | 424.4 | 426.1 | 427.8 | 429.7 | 431.8 | 433.8 | 435.9 | 436.0 | 436.5 |
| 147.5° | 411.8 | 413.3 | 414.9 | 416.3 | 418.0 | 419.5 | 421.3 | 423.1 | 425.0 | 425.2 | 425.5 |
| 150° | 401.5 | 403.0 | 404.7 | 406.2 | 407.9 | 409.7 | 411.7 | 413.6 | 415.7 | 416.2 | 416.7 |
| 152.5° | 392.2 | 393.9 | 395.7 | 397.5 | 399.4 | 401.4 | 403.4 | 405.5 | 407.7 | 408.0 | 408.7 |
| 155° | 384.5 | 386.1 | 388.0 | 389.9 | 391.7 | 393.5 | 395.6 | 397.5 | 399.6 | 400.3 | 400.9 |
| 157.5° | 379.8 | 381.2 | 383.0 | 384.7 | 386.3 | 388.0 | 390.0 | 391.6 | 393.5 | 394.1 | 394.6 |
| 160° | 376.8 | 378.2 | 379.7 | 381.2 | 382.7 | 384.2 | 385.8 | 387.4 | 389.0 | 389.6 | 390.1 |
| 162.5° | 374.4 | 375.8 | 377.4 | 378.6 | 380.2 | 381.7 | 383.4 | 384.8 | 386.4 | 386.9 | 387.3 |
| 165° | 373.4 | 374.5 | 375.5 | 376.6 | 377.7 | 378.7 | 379.9 | 381.1 | 382.3 | 382.7 | 383.4 |
| 167.5° | 376.0 | 376.7 | 377.5 | 378.3 | 379.3 | 380.1 | 381.1 | 381.9 | 382.9 | 383.4 | 384.0 |
| 170° | 376.4 | 377.0 | 377.8 | 378.6 | 379.4 | 380.2 | 381.1 | 381.7 | 382.7 | 383.2 | 383.8 |
| 172.5° | 377.9 | 378.2 | 378.8 | 379.3 | 379.8 | 380.3 | 380.9 | 381.4 | 382.0 | 382.6 | 383.2 |
| 175° | 380.4 | 380.6 | 380.9 | 381.1 | 381.2 | 381.5 | 381.9 | 382.2 | 382.5 | 382.9 | 383.4 |
| 177.5° | 383.6 | 383.8 | 384.0 | 384.1 | 384.4 | 384.6 | 384.9 | 385.1 | 385.4 | 385.9 | 386.5 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24534.3 | 24534.1 | 24533.2 | 24532.1 | 24531.0 | 24531.7 | 24532.8 | 24535.6 | 24540.6 | 24547.7 | 24556.9 |
| 5° | 24448.2 | 24453.3 | 24456.1 | 24456.4 | 24453.8 | 24452.3 | 24454.7 | 24461.4 | 24475.0 | 24497.8 | 24528.7 |
| 7.5° | 24357.9 | 24364.1 | 24373.5 | 24380.7 | 24382.1 | 24380.3 | 24380.7 | 24391.2 | 24416.3 | 24460.7 | 24523.1 |
| 10° | 24261.4 | 24243.1 | 24252.8 | 24270.5 | 24284.6 | 24287.1 | 24288.9 | 24301.3 | 24338.0 | 24405.1 | 24505.2 |
| 12.5° | 24172.4 | 24114.4 | 24103.2 | 24119.1 | 24140.5 | 24147.3 | 24145.5 | 24150.8 | 24193.8 | 24282.6 | 24422.2 |
| 15° | 24055.2 | 23946.0 | 23908.7 | 23912.9 | 23939.2 | 23948.7 | 23941.8 | 23931.2 | 23973.1 | 24081.6 | 24262.1 |
| 17.5° | 23865.7 | 23689.6 | 23621.0 | 23618.0 | 23648.8 | 23657.1 | 23640.1 | 23607.2 | 23648.4 | 23783.9 | 24008.0 |
| 20° | 23577.5 | 23317.6 | 23188.4 | 23167.9 | 23201.3 | 23191.6 | 23157.8 | 23108.1 | 23162.3 | 23326.9 | 23593.4 |
| 22.5° | 23059.4 | 22730.1 | 22509.4 | 22438.2 | 22478.3 | 22451.5 | 22402.1 | 22338.8 | 22410.8 | 22597.8 | 22894.7 |
| 25° | 22212.8 | 21832.2 | 21530.2 | 21360.6 | 21392.6 | 21344.7 | 21290.9 | 21214.1 | 21299.9 | 21514.6 | 21841.4 |
| 27.5° | 20968.4 | 20528.9 | 20154.4 | 19873.9 | 19884.2 | 19821.4 | 19759.5 | 19660.1 | 19767.3 | 20021.3 | 20389.9 |
| 30° | 19313.7 | 18805.1 | 18349.1 | 17967.8 | 17933.7 | 17872.8 | 17809.4 | 17679.0 | 17813.0 | 18117.2 | 18547.9 |
| 32.5° | 17235.6 | 16670.9 | 16144.1 | 15662.0 | 15571.0 | 15511.6 | 15455.1 | 15305.0 | 15480.5 | 15835.2 | 16330.0 |
| 35° | 14805.4 | 14203.9 | 13632.7 | 13082.0 | 12931.4 | 12872.0 | 12822.6 | 12678.7 | 12897.8 | 13283.7 | 13818.1 |
| 37.5° | 12138.0 | 11523.5 | 10956.4 | 10391.7 | 10178.7 | 10098.2 | 10062.3 | 9968.1 | 10220.9 | 10602.6 | 11139.2 |
| 40° | 9399.5 | 8828.1 | 8319.8 | 7821.0 | 7578.3 | 7455.0 | 7436.2 | 7419.0 | 7663.4 | 7994.6 | 8481.6 |
| 42.5° | 6837.8 | 6376.8 | 5984.8 | 5603.6 | 5383.5 | 5215.2 | 5215.1 | 5266.3 | 5486.3 | 5734.3 | 6110.0 |
| 45° | 4729.9 | 4420.5 | 4170.8 | 3916.0 | 3984.1 | 3648.6 | 3845.8 | 3744.5 | 3853.2 | 4013.2 | 4257.4 |
| 47.5° | 3251.3 | 3082.5 | 2945.3 | 2802.9 | 2699.2 | 2600.1 | 2608.8 | 2672.7 | 2775.1 | 2870.0 | 2997.1 |
| 50° | 2369.7 | 2283.7 | 2213.8 | 2139.9 | 2088.3 | 2044.6 | 2047.1 | 2074.7 | 2128.6 | 2178.6 | 2245.1 |
| 52.5° | 1856.8 | 1809.3 | 1771.4 | 1730.6 | 1703.4 | 1681.8 | 1682.9 | 1696.3 | 1725.4 | 1754.0 | 1792.1 |
| 55° | 1530.5 | 1524.8 | 1475.4 | 1438.7 | 1424.7 | 1410.1 | 1412.7 | 1418.1 | 1437.8 | 1454.6 | 1479.8 |
| 57.5° | 1282.5 | 1260.3 | 1245.5 | 1226.2 | 1217.3 | 1207.1 | 1209.5 | 1211.4 | 1224.7 | 1235.9 | 1254.1 |
| 60° | 1107.5 | 1091.7 | 1081.2 | 1068.1 | 1062.3 | 1055.8 | 1057.3 | 1058.5 | 1066.9 | 1074.2 | 1087.2 |
| 62.5° | 991.1 | 977.1 | 968.0 | 957.8 | 953.8 | 949.4 | 950.4 | 950.7 | 956.0 | 961.3 | 971.3 |
| 65° | 901.9 | 890.8 | 883.2 | 874.4 | 870.1 | 865.6 | 866.1 | 866.1 | 870.5 | 874.4 | 881.8 |
| 67.5° | 807.5 | 799.2 | 794.2 | 787.3 | 784.4 | 779.7 | 779.6 | 778.2 | 781.1 | 782.6 | 787.7 |
| 70° | 731.9 | 723.3 | 717.1 | 710.4 | 706.7 | 702.6 | 702.7 | 702.8 | 706.2 | 709.7 | 716.2 |
| 72.5° | 685.0 | 677.0 | 671.3 | 665.5 | 662.1 | 658.6 | 657.9 | 657.6 | 660.0 | 662.0 | 666.3 |
| 75° | 623.1 | 616.6 | 613.4 | 607.8 | 605.1 | 601.2 | 600.5 | 598.7 | 600.0 | 600.3 | 603.5 |
| 77.5° | 548.0 | 541.8 | 539.2 | 533.6 | 531.3 | 526.9 | 526.5 | 524.5 | 525.4 | 524.7 | 527.2 |
| 80° | 462.3 | 456.7 | 455.2 | 450.7 | 449.6 | 445.5 | 444.8 | 442.4 | 443.1 | 441.2 | 442.1 |
| 82.5° | 366.6 | 361.6 | 360.4 | 356.2 | 356.2 | 352.5 | 352.3 | 348.5 | 348.5 | 345.4 | 340.3 |
| 85° | 258.3 | 254.5 | 253.0 | 249.5 | 248.5 | 245.5 | 243.9 | 240.4 | 239.1 | 236.8 | 236.1 |
| 87.5° | 136.3 | 133.9 | 131.8 | 130.2 | 127.2 | 121.8 | 121.3 | 117.6 | 117.8 | 115.2 | 115.4 |
| 90° | 44.0 | 40.4 | 39.2 | 35.9 | 34.5 | 31.8 | 30.7 | 31.3 | 32.3 | 33.1 | 34.3 |
| 92.5° | 42.0 | 40.4 | 38.9 | 37.3 | 35.7 | 34.1 | 32.5 | 34.1 | 35.7 | 37.3 | 38.9 |
| 95° | 47.7 | 46.3 | 44.9 | 43.5 | 42.1 | 40.7 | 39.2 | 40.7 | 42.1 | 43.6 | 45.0 |
| 97.5° | 53.0 | 52.1 | 51.2 | 50.3 | 49.5 | 48.5 | 47.7 | 48.6 | 49.6 | 50.4 | 51.3 |
| 100° | 61.1 | 60.0 | 58.9 | 57.9 | 56.9 | 55.7 | 54.7 | 55.9 | 57.0 | 58.1 | 59.1 |
| 102.5° | 106.0 | 99.5 | 93.0 | 86.5 | 79.9 | 73.4 | 66.9 | 73.4 | 79.9 | 86.6 | 93.1 |
| 105° | 252.6 | 230.7 | 208.6 | 186.6 | 164.6 | 142.5 | 120.5 | 142.6 | 164.7 | 186.7 | 208.8 |
| 107.5° | 508.4 | 469.9 | 431.1 | 392.4 | 353.4 | 314.7 | 276.0 | 314.8 | 353.6 | 392.5 | 431.3 |
| 110° | 754.9 | 721.5 | 688.1 | 654.7 | 621.1 | 587.8 | 554.3 | 587.9 | 621.3 | 654.9 | 688.4 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 888.2 | 868.0 | 847.5 | 827.3 | 806.9 | 786.6 | 766.1 | 786.7 | 807.3 | 827.8 | 848.1 |
| 115° | 916.3 | 905.5 | 894.8 | 884.1 | 873.3 | 862.5 | 851.6 | 862.8 | 873.8 | 884.6 | 895.6 |
| 117.5° | 882.8 | 879.1 | 875.2 | 871.4 | 867.6 | 863.7 | 859.8 | 863.9 | 868.0 | 872.3 | 876.1 |
| 120° | 814.1 | 814.7 | 814.9 | 815.2 | 815.6 | 815.9 | 816.1 | 816.2 | 816.2 | 816.2 | 816.2 |
| 122.5° | 739.1 | 741.9 | 744.5 | 747.3 | 749.9 | 752.6 | 755.1 | 753.0 | 750.7 | 748.5 | 746.0 |
| 125° | 669.9 | 672.9 | 675.7 | 678.6 | 681.3 | 684.1 | 686.5 | 684.5 | 682.3 | 680.0 | 677.5 |
| 127.5° | 611.4 | 614.0 | 616.4 | 619.2 | 621.5 | 623.8 | 626.0 | 624.3 | 622.4 | 620.5 | 618.3 |
| 130° | 562.9 | 565.0 | 566.8 | 568.7 | 570.5 | 572.1 | 573.6 | 572.7 | 571.5 | 570.4 | 568.9 |
| 132.5° | 527.7 | 529.3 | 530.7 | 532.2 | 533.4 | 534.8 | 535.6 | 535.3 | 534.6 | 534.0 | 533.0 |
| 135° | 500.7 | 501.7 | 502.5 | 503.7 | 504.3 | 505.1 | 505.5 | 505.7 | 505.5 | 505.4 | 504.9 |
| 137.5° | 478.1 | 478.8 | 479.1 | 479.4 | 479.8 | 480.0 | 480.0 | 480.6 | 481.0 | 481.5 | 481.6 |
| 140° | 463.1 | 463.8 | 464.2 | 464.6 | 465.0 | 465.4 | 465.3 | 466.0 | 466.3 | 466.7 | 466.8 |
| 142.5° | 448.0 | 448.6 | 449.0 | 449.4 | 449.7 | 450.0 | 450.0 | 450.7 | 451.0 | 451.3 | 451.5 |
| 145° | 436.9 | 437.2 | 437.4 | 437.7 | 437.7 | 437.8 | 437.5 | 438.5 | 438.9 | 439.5 | 440.0 |
| 147.5° | 425.8 | 426.2 | 426.3 | 426.5 | 426.5 | 426.6 | 426.4 | 427.1 | 427.7 | 428.3 | 428.7 |
| 150° | 417.4 | 418.0 | 418.5 | 418.9 | 419.3 | 419.6 | 419.6 | 420.1 | 420.4 | 420.7 | 420.8 |
| 152.5° | 409.2 | 409.6 | 410.2 | 410.6 | 410.8 | 411.0 | 411.1 | 411.6 | 412.1 | 412.4 | 412.6 |
| 155° | 401.5 | 402.1 | 402.7 | 403.3 | 403.6 | 404.1 | 404.4 | 404.8 | 405.0 | 405.2 | 405.4 |
| 157.5° | 395.1 | 395.8 | 396.2 | 396.8 | 397.2 | 397.7 | 398.1 | 398.5 | 398.8 | 399.1 | 399.3 |
| 160° | 390.5 | 391.2 | 391.5 | 392.1 | 392.6 | 393.0 | 393.4 | 393.8 | 394.2 | 394.4 | 394.8 |
| 162.5° | 387.8 | 388.4 | 388.6 | 389.2 | 389.7 | 390.1 | 390.5 | 390.9 | 391.3 | 391.6 | 391.9 |
| 165° | 384.1 | 384.7 | 385.2 | 385.8 | 386.5 | 387.1 | 387.6 | 387.8 | 387.9 | 388.1 | 388.2 |
| 167.5° | 384.5 | 385.2 | 385.5 | 386.2 | 386.7 | 387.3 | 387.9 | 388.1 | 388.1 | 388.2 | 388.3 |
| 170° | 384.1 | 384.7 | 385.2 | 385.6 | 386.2 | 386.8 | 387.1 | 387.2 | 387.3 | 387.4 | 387.5 |
| 172.5° | 383.7 | 384.4 | 385.0 | 385.7 | 386.2 | 386.8 | 387.3 | 387.3 | 387.1 | 387.0 | 386.8 |
| 175° | 383.8 | 384.4 | 384.9 | 385.5 | 385.8 | 386.4 | 387.0 | 386.7 | 386.6 | 386.4 | 386.2 |
| 177.5° | 387.1 | 387.9 | 388.5 | 389.0 | 389.7 | 390.1 | 390.8 | 390.2 | 389.9 | 389.4 | 388.8 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24570.1 | 24582.4 | 24601.2 | 24618.2 | 24643.9 | 24664.1 | 24694.5 | 24717.6 | 24751.9 | 24774.2 | 24811.5 |
| 5° | 24572.3 | 24620.4 | 24683.6 | 24745.2 | 24819.4 | 24886.8 | 24970.4 | 25041.7 | 25125.8 | 25194.4 | 25280.4 |
| 7.5° | 24607.1 | 24699.7 | 24810.8 | 24922.8 | 25049.4 | 25167.9 | 25301.3 | 25422.1 | 25554.1 | 25665.8 | 25787.9 |
| 10° | 24632.6 | 24775.7 | 24939.4 | 25104.2 | 25277.6 | 25438.7 | 25601.4 | 25742.0 | 25873.3 | 25981.4 | 26076.9 |
| 12.5° | 24597.9 | 24794.9 | 25005.0 | 25207.9 | 25400.7 | 25567.5 | 25707.4 | 25815.6 | 25890.2 | 25940.8 | 25952.6 |
| 15° | 24479.8 | 24716.7 | 24945.2 | 25147.3 | 25307.3 | 25430.7 | 25494.6 | 25524.6 | 25492.4 | 25439.1 | 25322.0 |
| 17.5° | 24259.1 | 24509.1 | 24713.3 | 24872.7 | 24957.3 | 24990.7 | 24937.8 | 24845.8 | 24665.9 | 24466.2 | 24177.8 |
| 20° | 23854.5 | 24087.4 | 24235.6 | 24322.5 | 24299.8 | 24216.2 | 24016.4 | 23773.6 | 23414.3 | 23031.6 | 22526.4 |
| 22.5° | 23144.8 | 23348.4 | 23427.4 | 23433.8 | 23295.8 | 23086.3 | 22726.0 | 22309.4 | 21742.8 | 21153.7 | 20429.2 |
| 25° | 22079.5 | 22257.9 | 22270.3 | 22200.3 | 21947.7 | 21608.2 | 21079.0 | 20489.9 | 19719.9 | 18934.9 | 18027.1 |
| 27.5° | 20634.8 | 20805.8 | 20763.9 | 20633.3 | 20282.6 | 19828.3 | 19150.8 | 18389.7 | 17440.4 | 16513.2 | 15509.0 |
| 30° | 18818.7 | 19001.6 | 18952.4 | 18784.8 | 18367.6 | 17830.7 | 17033.6 | 16149.1 | 15095.3 | 14105.1 | 13087.4 |
| 32.5° | 16645.3 | 16876.6 | 16842.6 | 16683.3 | 16248.0 | 15673.4 | 14808.4 | 13870.4 | 12792.2 | 11816.4 | 10826.5 |
| 35° | 14174.9 | 14455.8 | 14470.3 | 14366.1 | 13962.0 | 13394.1 | 12540.0 | 11632.1 | 10599.3 | 9678.6 | 8764.1 |
| 37.5° | 11513.5 | 11839.1 | 11905.9 | 11877.7 | 11542.9 | 11041.5 | 10263.4 | 9448.9 | 8534.0 | 7727.0 | 6944.9 |
| 40° | 8837.3 | 9166.8 | 9281.1 | 9315.0 | 9067.9 | 8679.6 | 8040.9 | 7383.5 | 6637.6 | 5983.8 | 5362.8 |
| 42.5° | 6396.7 | 6688.9 | 6799.3 | 6868.8 | 6714.5 | 6455.6 | 5989.7 | 5512.3 | 4965.9 | 4494.2 | 4042.1 |
| 45° | 4442.6 | 4649.3 | 4733.3 | 4803.3 | 4719.2 | 4573.2 | 4279.0 | 3980.4 | 3619.6 | 3311.5 | 3019.8 |
| 47.5° | 3106.1 | 3220.0 | 3275.5 | 3309.5 | 3276.9 | 3200.7 | 3040.7 | 2867.6 | 2664.0 | 2484.0 | 2310.8 |
| 50° | 2302.2 | 2362.9 | 2392.0 | 2411.6 | 2387.9 | 2345.5 | 2258.9 | 2164.7 | 2052.9 | 1950.9 | 1851.1 |
| 52.5° | 1824.5 | 1859.3 | 1876.5 | 1887.1 | 1873.5 | 1847.6 | 1797.2 | 1741.3 | 1674.3 | 1611.2 | 1578.1 |
| 55° | 1537.0 | 1535.3 | 1575.1 | 1555.9 | 1575.1 | 1532.1 | 1523.1 | 1461.7 | 1406.0 | 1366.8 | 1324.4 |
| 57.5° | 1267.6 | 1285.6 | 1293.3 | 1301.8 | 1296.3 | 1288.4 | 1267.0 | 1245.0 | 1215.7 | 1191.1 | 1164.9 |
| 60° | 1097.3 | 1112.1 | 1120.5 | 1129.0 | 1128.5 | 1125.5 | 1113.1 | 1100.0 | 1081.6 | 1066.9 | 1051.1 |
| 62.5° | 979.9 | 992.7 | 1001.1 | 1009.2 | 1010.0 | 1008.7 | 999.4 | 990.2 | 977.7 | 968.5 | 957.6 |
| 65° | 887.5 | 896.6 | 902.2 | 908.7 | 908.4 | 906.6 | 898.1 | 890.6 | 880.3 | 873.9 | 865.9 |
| 67.5° | 791.0 | 797.8 | 802.2 | 808.3 | 809.5 | 809.9 | 805.2 | 801.6 | 796.6 | 794.8 | 792.1 |
| 70° | 722.3 | 730.5 | 737.6 | 745.3 | 749.6 | 751.5 | 749.6 | 747.7 | 744.8 | 743.6 | 741.4 |
| 72.5° | 670.3 | 677.3 | 682.8 | 689.8 | 693.7 | 696.5 | 694.9 | 694.0 | 691.5 | 691.1 | 689.6 |
| 75° | 605.7 | 610.5 | 613.6 | 618.9 | 621.0 | 623.7 | 622.4 | 623.1 | 622.3 | 624.3 | 624.2 |
| 77.5° | 528.0 | 531.6 | 533.1 | 536.9 | 537.3 | 540.5 | 541.1 | 544.9 | 547.6 | 553.4 | 556.5 |
| 80° | 440.6 | 442.9 | 442.9 | 446.8 | 448.6 | 453.9 | 456.6 | 462.6 | 465.5 | 470.7 | 471.1 |
| 82.5° | 342.3 | 339.7 | 342.3 | 340.7 | 345.6 | 351.7 | 352.5 | 357.7 | 358.9 | 362.2 | 359.6 |
| 85° | 234.0 | 233.8 | 231.7 | 232.1 | 230.5 | 231.3 | 230.3 | 231.4 | 230.4 | 230.5 | 228.2 |
| 87.5° | 112.1 | 113.2 | 110.6 | 111.5 | 109.1 | 110.3 | 108.1 | 109.8 | 107.3 | 107.6 | 104.0 |
| 90° | 35.1 | 36.2 | 37.1 | 38.2 | 39.6 | 42.5 | 45.6 | 48.6 | 52.0 | 54.8 | 58.0 |
| 92.5° | 40.4 | 42.1 | 43.7 | 45.2 | 46.8 | 51.6 | 56.4 | 61.2 | 66.0 | 70.6 | 75.4 |
| 95° | 46.4 | 47.8 | 49.2 | 50.8 | 52.2 | 59.0 | 65.9 | 72.8 | 79.7 | 86.6 | 93.5 |
| 97.5° | 52.4 | 53.3 | 54.1 | 55.1 | 56.0 | 64.2 | 72.2 | 80.4 | 88.5 | 96.6 | 104.6 |
| 100° | 60.3 | 61.4 | 62.4 | 63.6 | 64.6 | 83.4 | 102.0 | 120.7 | 139.4 | 158.0 | 176.7 |
| 102.5° | 99.7 | 106.2 | 112.8 | 119.4 | 126.0 | 171.3 | 216.7 | 261.9 | 307.1 | 352.4 | 397.6 |
| 105° | 230.9 | 252.9 | 275.1 | 297.2 | 319.2 | 387.8 | 456.5 | 525.0 | 593.4 | 662.0 | 730.5 |
| 107.5° | 470.1 | 508.9 | 547.9 | 586.7 | 625.4 | 690.0 | 754.4 | 818.9 | 883.4 | 947.9 | 1012.1 |
| 110° | 722.0 | 755.4 | 789.1 | 822.5 | 856.1 | 907.2 | 958.5 | 1009.6 | 1060.8 | 1112.0 | 1163.1 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 112.5° | 868.7 | 889.0 | 909.5 | 929.8 | 950.2 | 987.8 | 1025.5 | 1063.1 | 1100.7 | 1138.0 | 1175.6 |
| 115° | 906.5 | 917.2 | 928.1 | 938.9 | 949.8 | 972.6 | 995.2 | 1017.9 | 1040.7 | 1063.3 | 1086.0 |
| 117.5° | 880.1 | 884.1 | 888.0 | 891.7 | 895.7 | 907.4 | 919.2 | 930.9 | 942.6 | 954.3 | 965.9 |
| 120° | 816.1 | 815.8 | 815.6 | 815.2 | 815.0 | 818.7 | 822.5 | 826.2 | 829.9 | 833.5 | 837.0 |
| 122.5° | 743.7 | 740.9 | 738.5 | 735.8 | 733.3 | 731.9 | 731.0 | 729.7 | 728.8 | 727.4 | 726.3 |
| 125° | 675.0 | 672.4 | 669.7 | 667.0 | 664.2 | 661.1 | 658.0 | 654.9 | 651.7 | 648.5 | 645.3 |
| 127.5° | 616.4 | 613.9 | 611.8 | 609.3 | 606.9 | 603.2 | 599.7 | 596.0 | 592.7 | 588.8 | 585.3 |
| 130° | 567.5 | 565.8 | 564.2 | 562.2 | 560.7 | 557.4 | 554.4 | 551.3 | 548.2 | 545.0 | 542.0 |
| 132.5° | 532.1 | 530.9 | 529.9 | 528.4 | 527.3 | 524.4 | 521.9 | 518.9 | 516.1 | 513.3 | 510.6 |
| 135° | 504.6 | 503.9 | 503.5 | 502.6 | 501.9 | 499.6 | 497.7 | 495.5 | 493.6 | 491.4 | 489.3 |
| 137.5° | 481.7 | 481.6 | 481.4 | 481.2 | 481.1 | 479.3 | 477.6 | 475.8 | 474.3 | 472.4 | 470.9 |
| 140° | 466.9 | 466.8 | 466.8 | 466.5 | 466.3 | 464.4 | 462.7 | 460.9 | 459.1 | 457.1 | 455.3 |
| 142.5° | 451.6 | 451.6 | 451.5 | 451.3 | 451.2 | 449.7 | 448.4 | 447.1 | 445.6 | 444.2 | 442.8 |
| 145° | 440.2 | 440.3 | 440.6 | 440.5 | 440.8 | 439.0 | 437.4 | 435.6 | 434.2 | 432.4 | 430.8 |
| 147.5° | 429.1 | 429.3 | 429.7 | 429.8 | 430.1 | 428.6 | 427.3 | 425.8 | 424.6 | 423.1 | 421.9 |
| 150° | 420.9 | 421.0 | 421.1 | 421.0 | 421.0 | 419.5 | 418.1 | 416.6 | 415.2 | 413.7 | 412.3 |
| 152.5° | 412.7 | 412.9 | 413.1 | 413.2 | 413.4 | 411.9 | 410.4 | 408.8 | 407.3 | 405.6 | 404.1 |
| 155° | 405.6 | 405.7 | 405.8 | 405.8 | 405.8 | 404.4 | 403.0 | 401.5 | 400.1 | 398.6 | 397.2 |
| 157.5° | 399.5 | 399.7 | 399.9 | 400.0 | 400.1 | 398.9 | 397.6 | 396.3 | 395.1 | 393.8 | 392.6 |
| 160° | 395.0 | 395.3 | 395.5 | 395.6 | 395.8 | 394.7 | 393.8 | 392.6 | 391.7 | 390.4 | 389.3 |
| 162.5° | 392.2 | 392.5 | 392.7 | 392.8 | 392.9 | 391.9 | 391.1 | 390.0 | 388.9 | 387.7 | 386.7 |
| 165° | 388.5 | 388.4 | 388.5 | 388.4 | 388.4 | 387.7 | 387.0 | 386.4 | 385.6 | 384.9 | 384.1 |
| 167.5° | 388.5 | 388.4 | 388.5 | 388.4 | 388.4 | 387.8 | 387.6 | 387.0 | 386.4 | 385.9 | 385.4 |
| 170° | 387.6 | 387.6 | 387.5 | 387.4 | 387.4 | 386.9 | 386.5 | 385.9 | 385.5 | 384.9 | 384.3 |
| 172.5° | 386.7 | 386.4 | 386.3 | 386.1 | 385.8 | 385.5 | 385.2 | 384.9 | 384.6 | 384.2 | 383.9 |
| 175° | 385.9 | 385.6 | 385.5 | 385.3 | 385.0 | 384.9 | 384.7 | 384.6 | 384.4 | 384.3 | 384.1 |
| 177.5° | 388.5 | 388.1 | 387.5 | 387.1 | 386.7 | 386.5 | 386.4 | 386.2 | 386.2 | 386.1 | 385.9 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24834.6 | 24681.2 | 24660.9 | 24671.7 | 24697.4 | 24706.8 | 24734.5 | 24742.0 | 24769.9 | 24776.7 | 24803.5 |
| 5° | 25347.0 | 25144.3 | 25154.4 | 25203.1 | 25276.9 | 25320.9 | 25393.4 | 25431.4 | 25500.6 | 25532.1 | 25594.7 |
| 7.5° | 25887.4 | 25728.1 | 25777.8 | 25860.0 | 25960.9 | 26030.8 | 26117.9 | 26174.6 | 26249.8 | 26296.3 | 26356.5 |
| 10° | 26152.6 | 26109.1 | 26163.7 | 26228.4 | 26285.9 | 26331.0 | 26368.0 | 26397.5 | 26416.9 | 26435.0 | 26442.9 |
| 12.5° | 25950.8 | 26018.3 | 26027.6 | 26021.3 | 25983.2 | 25954.0 | 25888.7 | 25844.2 | 25765.3 | 25717.2 | 25623.3 |
| 15° | 25202.3 | 25350.7 | 25268.6 | 25144.1 | 24962.0 | 24810.2 | 24595.8 | 24436.2 | 24212.9 | 24061.5 | 23837.5 |
| 17.5° | 23888.8 | 24076.1 | 23862.0 | 23574.1 | 23207.7 | 22894.4 | 22504.1 | 22194.5 | 21806.5 | 21524.3 | 21162.2 |
| 20° | 22039.6 | 22214.7 | 21832.7 | 21355.4 | 20788.8 | 20311.9 | 19749.6 | 19300.9 | 18778.4 | 18389.7 | 17920.6 |
| 22.5° | 19737.3 | 19862.0 | 19323.8 | 18680.3 | 17958.5 | 17362.7 | 16690.4 | 16152.5 | 15556.1 | 15111.7 | 14611.5 |
| 25° | 17190.1 | 17223.8 | 16578.2 | 15836.9 | 15032.3 | 14362.8 | 13645.0 | 13079.5 | 12471.2 | 12020.9 | 11529.9 |
| 27.5° | 14619.2 | 14569.9 | 13872.2 | 13086.1 | 12239.8 | 11543.9 | 10843.8 | 10313.8 | 9781.1 | 9375.4 | 8952.5 |
| 30° | 12192.7 | 12073.2 | 11348.8 | 10540.8 | 9719.3 | 9095.5 | 8514.3 | 8088.8 | 7665.0 | 7343.1 | 7003.7 |
| 32.5° | 9967.5 | 9798.9 | 9093.8 | 8336.8 | 7644.6 | 7163.2 | 6732.2 | 6410.2 | 6068.0 | 5796.2 | 5511.2 |
| 35° | 7996.6 | 7816.9 | 7192.2 | 6550.5 | 6026.6 | 5671.8 | 5333.1 | 5068.8 | 4778.2 | 4548.9 | 4301.5 |
| 37.5° | 6305.1 | 6157.8 | 5634.6 | 5129.6 | 4733.3 | 4458.4 | 4180.8 | 3964.9 | 3724.7 | 3623.8 | 3359.4 |
| 40° | 4867.5 | 4764.6 | 4355.4 | 3983.2 | 3685.6 | 3556.4 | 3274.7 | 3073.0 | 2893.6 | 2745.6 | 2602.3 |
| 42.5° | 3796.8 | 3760.3 | 3362.1 | 3071.8 | 2862.2 | 2699.5 | 2542.5 | 2415.0 | 2291.0 | 2189.0 | 2092.6 |
| 45° | 2786.2 | 2757.4 | 2580.6 | 2413.1 | 2270.3 | 2156.5 | 2050.4 | 1962.7 | 1881.7 | 1814.4 | 1753.2 |
| 47.5° | 2169.6 | 2160.4 | 2058.6 | 1954.7 | 1864.7 | 1791.6 | 1722.8 | 1664.6 | 1610.8 | 1565.9 | 1551.3 |
| 50° | 1764.7 | 1763.4 | 1703.7 | 1639.6 | 1575.5 | 1533.3 | 1489.4 | 1454.9 | 1420.3 | 1393.4 | 1365.0 |
| 52.5° | 1499.4 | 1492.9 | 1452.6 | 1412.9 | 1374.9 | 1347.2 | 1319.1 | 1297.2 | 1274.2 | 1257.6 | 1239.9 |
| 55° | 1290.8 | 1297.6 | 1274.3 | 1250.7 | 1226.9 | 1209.7 | 1189.9 | 1175.4 | 1159.7 | 1149.2 | 1138.6 |
| 57.5° | 1146.0 | 1155.0 | 1142.8 | 1129.3 | 1114.9 | 1103.5 | 1090.0 | 1079.9 | 1069.4 | 1062.7 | 1056.5 |
| 60° | 1040.6 | 1050.4 | 1045.5 | 1038.7 | 1029.8 | 1023.1 | 1014.4 | 1008.8 | 1002.1 | 998.3 | 994.9 |
| 62.5° | 951.1 | 963.5 | 961.7 | 958.5 | 952.8 | 949.1 | 944.3 | 941.9 | 937.4 | 935.8 | 934.1 |
| 65° | 862.0 | 875.8 | 875.5 | 873.9 | 870.8 | 869.7 | 866.7 | 866.3 | 863.9 | 864.9 | 864.7 |
| 67.5° | 791.8 | 803.8 | 806.5 | 808.4 | 808.3 | 809.0 | 808.8 | 810.0 | 810.0 | 811.7 | 812.8 |
| 70° | 741.1 | 749.6 | 751.5 | 753.6 | 754.1 | 755.7 | 755.7 | 756.8 | 756.5 | 758.0 | 758.1 |
| 72.5° | 690.0 | 701.0 | 703.0 | 704.7 | 704.7 | 706.2 | 705.4 | 705.2 | 702.9 | 702.4 | 700.9 |
| 75° | 626.3 | 640.4 | 643.5 | 645.6 | 645.9 | 647.2 | 645.3 | 644.1 | 640.4 | 638.9 | 636.4 |
| 77.5° | 559.8 | 574.5 | 576.6 | 577.4 | 576.2 | 576.5 | 572.4 | 569.7 | 565.1 | 563.1 | 560.7 |
| 80° | 473.2 | 494.9 | 496.5 | 495.2 | 491.9 | 491.3 | 487.4 | 484.8 | 479.2 | 477.3 | 475.2 |
| 82.5° | 360.1 | 385.5 | 389.0 | 390.5 | 387.8 | 388.5 | 384.7 | 383.3 | 378.1 | 377.2 | 373.8 |
| 85° | 227.3 | 252.7 | 256.9 | 256.3 | 253.6 | 252.9 | 250.7 | 251.4 | 250.9 | 252.3 | 253.1 |
| 87.5° | 104.4 | 129.0 | 134.9 | 133.0 | 132.7 | 131.0 | 127.1 | 128.5 | 131.0 | 132.5 | 132.5 |
| 90° | 61.1 | 71.6 | 74.5 | 72.5 | 68.1 | 65.8 | 61.5 | 59.6 | 55.7 | 53.8 | 50.0 |
| 92.5° | 80.2 | 85.0 | 89.7 | 85.5 | 81.3 | 77.0 | 72.8 | 68.5 | 64.4 | 59.9 | 55.8 |
| 95° | 100.3 | 107.1 | 113.9 | 108.3 | 102.6 | 96.9 | 91.2 | 85.6 | 80.0 | 74.3 | 68.7 |
| 97.5° | 112.8 | 120.6 | 128.7 | 123.1 | 117.4 | 111.7 | 106.0 | 100.3 | 94.7 | 89.0 | 83.3 |
| 100° | 195.4 | 213.7 | 232.3 | 216.3 | 200.1 | 184.1 | 168.0 | 151.9 | 135.9 | 119.9 | 103.7 |
| 102.5° | 442.8 | 487.8 | 533.0 | 492.3 | 451.7 | 411.0 | 370.5 | 329.8 | 289.3 | 248.5 | 207.9 |
| 105° | 798.9 | 867.1 | 935.5 | 873.3 | 811.3 | 749.4 | 687.4 | 625.3 | 563.3 | 501.3 | 439.4 |
| 107.5° | 1076.6 | 1140.4 | 1204.6 | 1148.5 | 1092.4 | 1036.5 | 980.3 | 924.3 | 868.1 | 812.1 | 756.1 |
| 110° | 1214.2 | 1264.5 | 1315.4 | 1277.7 | 1240.1 | 1202.5 | 1164.9 | 1127.1 | 1089.6 | 1052.1 | 1014.5 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1213.0 | 1249.6 | 1286.8 | 1264.6 | 1242.6 | 1220.5 | 1198.6 | 1176.5 | 1154.7 | 1132.7 | 1110.9 |
| 115° | 1108.5 | 1129.8 | 1152.1 | 1143.3 | 1134.6 | 1125.9 | 1117.1 | 1108.6 | 1099.8 | 1091.2 | 1082.6 |
| 117.5° | 977.5 | 987.7 | 998.8 | 997.1 | 995.5 | 993.8 | 992.3 | 990.8 | 989.4 | 987.9 | 986.4 |
| 120° | 840.7 | 842.7 | 845.8 | 846.8 | 848.0 | 849.1 | 850.3 | 851.4 | 852.6 | 853.8 | 855.1 |
| 122.5° | 725.0 | 722.0 | 720.1 | 721.2 | 722.3 | 723.1 | 724.3 | 725.3 | 726.4 | 727.5 | 728.8 |
| 125° | 642.0 | 636.8 | 632.9 | 631.4 | 630.0 | 628.4 | 626.9 | 625.3 | 624.1 | 622.6 | 621.3 |
| 127.5° | 581.6 | 575.8 | 571.6 | 568.1 | 564.7 | 561.1 | 557.6 | 554.1 | 550.8 | 547.1 | 543.9 |
| 130° | 538.9 | 533.4 | 529.6 | 525.1 | 521.0 | 516.4 | 512.1 | 507.7 | 503.3 | 498.9 | 494.6 |
| 132.5° | 507.8 | 502.5 | 499.1 | 494.9 | 490.7 | 486.5 | 482.4 | 478.0 | 473.8 | 469.6 | 465.5 |
| 135° | 487.2 | 482.5 | 479.9 | 475.9 | 472.3 | 468.4 | 464.5 | 460.7 | 456.9 | 452.9 | 449.2 |
| 137.5° | 469.1 | 464.5 | 462.3 | 459.2 | 456.3 | 453.2 | 450.2 | 447.0 | 443.9 | 440.7 | 437.7 |
| 140° | 453.5 | 448.8 | 446.3 | 444.7 | 443.0 | 441.1 | 439.5 | 437.6 | 435.9 | 434.2 | 432.3 |
| 142.5° | 441.4 | 436.8 | 434.8 | 433.7 | 432.8 | 431.5 | 430.7 | 429.5 | 428.5 | 427.1 | 426.1 |
| 145° | 429.1 | 424.0 | 421.6 | 421.5 | 421.6 | 421.4 | 421.3 | 421.2 | 421.1 | 420.9 | 420.8 |
| 147.5° | 420.4 | 415.1 | 412.9 | 413.2 | 413.4 | 413.6 | 413.9 | 413.9 | 414.3 | 414.4 | 414.6 |
| 150° | 410.7 | 404.8 | 402.2 | 402.8 | 403.2 | 403.7 | 404.2 | 404.8 | 405.3 | 405.8 | 406.3 |
| 152.5° | 402.4 | 395.5 | 392.5 | 393.0 | 393.7 | 394.2 | 394.8 | 395.5 | 396.1 | 396.8 | 397.4 |
| 155° | 395.5 | 388.0 | 384.8 | 384.9 | 385.2 | 385.5 | 385.7 | 386.1 | 386.5 | 386.8 | 387.2 |
| 157.5° | 391.1 | 383.3 | 380.3 | 380.2 | 380.3 | 380.4 | 380.5 | 380.6 | 380.8 | 381.0 | 381.3 |
| 160° | 388.2 | 380.4 | 377.5 | 377.3 | 377.5 | 377.5 | 377.5 | 377.5 | 377.7 | 377.9 | 378.1 |
| 162.5° | 385.4 | 377.9 | 375.1 | 374.9 | 374.8 | 374.8 | 374.9 | 374.8 | 375.0 | 375.0 | 375.2 |
| 165° | 383.3 | 376.7 | 374.3 | 374.3 | 374.5 | 374.5 | 374.7 | 374.9 | 375.2 | 375.4 | 375.8 |
| 167.5° | 384.6 | 378.9 | 376.9 | 376.7 | 376.4 | 376.1 | 376.1 | 375.7 | 375.7 | 375.5 | 375.5 |
| 170° | 383.7 | 379.2 | 377.4 | 377.4 | 377.6 | 377.6 | 377.6 | 377.6 | 377.7 | 377.7 | 377.9 |
| 172.5° | 383.5 | 380.1 | 378.8 | 379.1 | 379.5 | 379.6 | 380.0 | 380.3 | 380.7 | 381.0 | 381.3 |
| 175° | 384.0 | 381.9 | 381.3 | 381.3 | 381.5 | 381.7 | 381.9 | 382.0 | 382.2 | 382.4 | 382.7 |
| 177.5° | 385.8 | 385.2 | 384.8 | 384.8 | 384.8 | 384.8 | 384.8 | 384.8 | 384.8 | 384.9 | 384.9 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24808.5 | 24837.4 | 24835.2 | 24862.2 | 24860.8 | 24886.3 | 24881.1 | 24903.2 | 24898.2 | 24916.9 | 24905.9 |
| 5° | 25622.3 | 25677.3 | 25695.4 | 25745.1 | 25755.4 | 25799.8 | 25800.7 | 25836.0 | 25831.7 | 25859.3 | 25844.6 |
| 7.5° | 26392.1 | 26443.4 | 26467.7 | 26506.3 | 26525.6 | 26557.6 | 26570.0 | 26596.3 | 26602.6 | 26618.1 | 26617.6 |
| 10° | 26457.0 | 26456.8 | 26468.9 | 26463.4 | 26474.2 | 26468.0 | 26481.1 | 26476.5 | 26495.8 | 26490.9 | 26505.5 |
| 12.5° | 25582.8 | 25496.1 | 25464.4 | 25386.5 | 25369.4 | 25302.6 | 25307.3 | 25264.4 | 25285.1 | 25258.8 | 25303.7 |
| 15° | 23704.2 | 23502.9 | 23403.4 | 23228.4 | 23173.5 | 23035.3 | 23024.0 | 22932.1 | 22957.0 | 22908.9 | 22979.2 |
| 17.5° | 20927.9 | 20611.1 | 20437.2 | 20181.7 | 20080.2 | 19884.6 | 19845.4 | 19727.2 | 19745.4 | 19685.9 | 19770.7 |
| 20° | 17617.9 | 17235.0 | 17015.7 | 16720.2 | 16588.4 | 16355.2 | 16293.3 | 16161.0 | 16177.6 | 16118.3 | 16214.3 |
| 22.5° | 14270.1 | 13869.4 | 13621.7 | 13312.0 | 13143.7 | 12924.4 | 12858.6 | 12725.7 | 12733.2 | 12677.6 | 12770.0 |
| 25° | 11193.7 | 10809.4 | 10569.1 | 10287.8 | 10141.7 | 9940.6 | 9871.4 | 9752.2 | 9758.9 | 9713.0 | 9795.8 |
| 27.5° | 8659.1 | 8343.8 | 8142.7 | 7906.9 | 7776.0 | 7610.7 | 7543.2 | 7442.9 | 7442.6 | 7409.0 | 7478.2 |
| 30° | 6766.6 | 6503.5 | 6323.0 | 6117.6 | 5994.7 | 5845.4 | 5780.3 | 5690.6 | 5686.7 | 5662.8 | 5717.8 |
| 32.5° | 5298.1 | 5064.1 | 4899.5 | 4718.7 | 4608.3 | 4480.3 | 4418.6 | 4346.5 | 4339.9 | 4318.3 | 4363.5 |
| 35° | 4118.6 | 3921.5 | 3779.9 | 3627.8 | 3639.0 | 3450.2 | 3481.6 | 3334.9 | 3295.1 | 3286.3 | 3320.0 |
| 37.5° | 3183.2 | 3030.5 | 2915.5 | 2801.6 | 2724.4 | 2644.6 | 2601.6 | 2563.0 | 2558.6 | 2554.9 | 2578.5 |
| 40° | 2491.6 | 2384.8 | 2301.1 | 2222.9 | 2169.8 | 2121.1 | 2094.2 | 2073.0 | 2068.0 | 2065.2 | 2079.4 |
| 42.5° | 2016.5 | 1944.5 | 1890.6 | 1842.9 | 1810.6 | 1784.1 | 1769.3 | 1757.5 | 1753.6 | 1753.7 | 1762.1 |
| 45° | 1703.7 | 1660.0 | 1625.3 | 1595.6 | 1575.0 | 1584.1 | 1557.4 | 1571.3 | 1552.9 | 1572.0 | 1559.4 |
| 47.5° | 1500.3 | 1463.1 | 1441.6 | 1420.6 | 1408.2 | 1398.1 | 1398.5 | 1398.7 | 1402.5 | 1403.2 | 1407.3 |
| 50° | 1343.4 | 1321.9 | 1307.0 | 1293.6 | 1287.0 | 1281.8 | 1283.6 | 1285.0 | 1288.8 | 1289.1 | 1292.1 |
| 52.5° | 1227.3 | 1213.1 | 1204.1 | 1195.8 | 1192.9 | 1189.9 | 1191.2 | 1190.7 | 1192.3 | 1191.5 | 1193.9 |
| 55° | 1132.8 | 1126.1 | 1123.3 | 1120.2 | 1120.7 | 1119.8 | 1120.4 | 1117.4 | 1115.5 | 1113.3 | 1115.3 |
| 57.5° | 1055.3 | 1054.4 | 1056.2 | 1057.5 | 1061.1 | 1062.4 | 1063.2 | 1059.7 | 1056.4 | 1053.4 | 1055.2 |
| 60° | 995.5 | 996.9 | 1001.7 | 1005.6 | 1010.6 | 1013.1 | 1014.5 | 1012.5 | 1010.1 | 1007.6 | 1009.1 |
| 62.5° | 936.5 | 938.9 | 944.5 | 948.8 | 955.0 | 958.2 | 961.7 | 961.9 | 962.8 | 961.9 | 962.9 |
| 65° | 868.1 | 871.0 | 876.1 | 879.7 | 885.4 | 888.2 | 891.8 | 892.5 | 894.6 | 894.1 | 895.8 |
| 67.5° | 816.2 | 818.7 | 823.0 | 826.4 | 831.5 | 834.4 | 837.6 | 837.8 | 838.5 | 838.4 | 839.9 |
| 70° | 760.7 | 761.9 | 765.8 | 768.6 | 773.7 | 776.7 | 780.4 | 781.5 | 783.7 | 784.1 | 786.0 |
| 72.5° | 701.6 | 701.0 | 703.3 | 704.6 | 708.4 | 710.8 | 715.5 | 718.0 | 721.8 | 722.9 | 724.2 |
| 75° | 637.1 | 636.6 | 639.3 | 640.4 | 643.7 | 646.0 | 651.3 | 654.7 | 660.6 | 663.1 | 662.4 |
| 77.5° | 562.6 | 563.9 | 569.0 | 571.9 | 576.2 | 579.3 | 586.0 | 591.3 | 602.2 | 607.0 | 602.1 |
| 80° | 479.2 | 480.6 | 485.9 | 488.5 | 494.3 | 498.0 | 505.5 | 511.8 | 521.6 | 523.6 | 520.9 |
| 82.5° | 376.7 | 377.1 | 381.9 | 383.9 | 391.4 | 396.8 | 406.3 | 411.4 | 417.4 | 416.5 | 415.7 |
| 85° | 256.9 | 260.4 | 266.3 | 272.2 | 281.4 | 290.1 | 299.2 | 306.6 | 301.3 | 309.7 | 300.3 |
| 87.5° | 137.3 | 136.9 | 145.0 | 143.7 | 156.4 | 163.8 | 171.7 | 175.4 | 179.7 | 178.8 | 178.9 |
| 90° | 48.4 | 45.9 | 45.4 | 42.7 | 42.9 | 40.0 | 40.8 | 38.1 | 39.3 | 36.2 | 40.9 |
| 92.5° | 51.5 | 49.4 | 46.9 | 44.8 | 42.3 | 40.2 | 37.7 | 35.5 | 33.2 | 30.9 | 33.2 |
| 95° | 63.0 | 60.9 | 58.8 | 56.6 | 54.5 | 52.4 | 50.3 | 48.1 | 46.1 | 43.9 | 46.6 |
| 97.5° | 77.7 | 76.4 | 75.2 | 74.0 | 72.8 | 71.5 | 70.3 | 69.0 | 67.7 | 66.5 | 68.3 |
| 100° | 87.7 | 87.7 | 87.7 | 87.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.9 |
| 102.5° | 167.3 | 163.3 | 159.2 | 155.0 | 151.0 | 147.0 | 142.9 | 138.8 | 134.8 | 130.8 | 136.8 |
| 105° | 377.4 | 361.6 | 345.6 | 329.7 | 313.7 | 297.9 | 281.9 | 266.1 | 250.2 | 234.4 | 250.8 |
| 107.5° | 700.2 | 671.2 | 642.1 | 613.3 | 584.2 | 555.3 | 526.3 | 497.5 | 468.5 | 439.6 | 465.5 |
| 110° | 977.0 | 946.2 | 915.4 | 884.7 | 854.0 | 823.2 | 792.5 | 761.8 | 731.2 | 700.5 | 725.2 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 112.5° | 1089.0 | 1069.0 | 1049.1 | 1029.3 | 1009.5 | 989.7 | 969.9 | 950.2 | 930.4 | 910.7 | 922.7 |
| 115° | 1074.0 | 1064.6 | 1055.0 | 1045.6 | 1036.3 | 1026.7 | 1017.3 | 1008.0 | 998.6 | 989.3 | 990.0 |
| 117.5° | 984.9 | 981.7 | 978.5 | 975.3 | 972.1 | 969.0 | 965.9 | 962.9 | 959.8 | 956.9 | 950.2 |
| 120° | 856.6 | 857.5 | 858.3 | 859.3 | 860.4 | 861.6 | 862.5 | 863.7 | 865.0 | 866.2 | 857.2 |
| 122.5° | 730.0 | 732.1 | 734.5 | 736.8 | 739.2 | 741.7 | 744.1 | 746.7 | 749.5 | 752.1 | 743.1 |
| 125° | 619.8 | 622.0 | 624.2 | 626.6 | 628.7 | 631.3 | 633.8 | 636.4 | 639.0 | 641.7 | 634.2 |
| 127.5° | 540.5 | 541.1 | 541.8 | 542.7 | 543.5 | 544.5 | 545.5 | 546.8 | 548.0 | 549.3 | 544.5 |
| 130° | 490.2 | 489.2 | 488.3 | 487.6 | 486.6 | 486.1 | 485.5 | 485.0 | 484.6 | 484.3 | 482.2 |
| 132.5° | 461.1 | 459.1 | 457.0 | 455.1 | 453.3 | 451.6 | 449.8 | 448.4 | 446.9 | 445.6 | 444.9 |
| 135° | 445.3 | 442.5 | 439.8 | 437.1 | 434.4 | 432.1 | 429.8 | 427.6 | 425.5 | 423.4 | 423.8 |
| 137.5° | 434.6 | 431.9 | 429.2 | 426.6 | 423.9 | 421.6 | 419.1 | 416.8 | 414.8 | 412.7 | 413.6 |
| 140° | 430.6 | 427.8 | 425.1 | 422.5 | 420.0 | 417.6 | 415.2 | 413.1 | 410.8 | 409.0 | 409.4 |
| 142.5° | 424.9 | 422.5 | 419.9 | 417.7 | 415.3 | 413.2 | 411.0 | 409.2 | 407.0 | 405.3 | 405.9 |
| 145° | 420.7 | 418.9 | 417.0 | 415.2 | 413.6 | 412.0 | 410.2 | 408.9 | 407.5 | 406.3 | 406.6 |
| 147.5° | 414.7 | 413.5 | 412.0 | 410.7 | 409.2 | 408.2 | 407.0 | 406.0 | 404.9 | 404.1 | 404.2 |
| 150° | 406.7 | 405.9 | 404.9 | 404.1 | 403.3 | 402.5 | 401.8 | 401.1 | 400.4 | 399.9 | 399.8 |
| 152.5° | 398.0 | 397.3 | 396.4 | 395.7 | 394.9 | 394.3 | 393.6 | 393.0 | 392.5 | 391.9 | 391.8 |
| 155° | 387.6 | 387.2 | 386.9 | 386.6 | 386.2 | 386.1 | 385.7 | 385.7 | 385.5 | 385.4 | 385.5 |
| 157.5° | 381.5 | 381.4 | 381.2 | 381.3 | 381.2 | 381.3 | 381.2 | 381.4 | 381.3 | 381.5 | 381.7 |
| 160° | 378.5 | 378.3 | 378.0 | 378.0 | 377.8 | 377.6 | 377.5 | 377.5 | 377.4 | 377.3 | 377.7 |
| 162.5° | 375.4 | 375.7 | 375.8 | 375.9 | 376.2 | 376.4 | 376.7 | 377.0 | 377.2 | 377.6 | 377.9 |
| 165° | 376.2 | 376.1 | 375.9 | 375.8 | 375.9 | 376.0 | 376.0 | 376.2 | 376.2 | 376.4 | 376.8 |
| 167.5° | 375.4 | 375.7 | 375.8 | 376.1 | 376.4 | 376.7 | 376.9 | 377.4 | 377.8 | 378.3 | 378.7 |
| 170° | 377.9 | 377.9 | 377.9 | 377.9 | 377.9 | 378.1 | 378.1 | 378.2 | 378.3 | 378.6 | 378.9 |
| 172.5° | 381.6 | 381.6 | 381.4 | 381.6 | 381.4 | 381.6 | 381.6 | 381.7 | 381.7 | 381.8 | 382.0 |
| 175° | 382.7 | 383.1 | 383.3 | 383.6 | 383.7 | 383.8 | 384.0 | 384.1 | 384.3 | 384.6 | 384.6 |
| 177.5° | 384.9 | 385.0 | 385.0 | 385.0 | 385.0 | 385.1 | 385.1 | 385.1 | 385.1 | 385.0 | 385.2 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24924.2 | 24911.8 | 24924.5 | 24911.6 | 24924.5 | 24909.0 | 24919.5 | 24902.7 | 24907.0 | 24889.6 | 24894.1 |
| 5° | 25866.7 | 25846.8 | 25857.4 | 25831.5 | 25834.2 | 25799.8 | 25799.1 | 25759.0 | 25748.4 | 25702.7 | 25682.6 |
| 7.5° | 26628.7 | 26622.2 | 26625.9 | 26609.3 | 26607.3 | 26583.8 | 26572.6 | 26539.4 | 26518.5 | 26476.5 | 26447.7 |
| 10° | 26508.1 | 26527.5 | 26532.6 | 26552.3 | 26556.4 | 26576.0 | 26580.1 | 26599.8 | 26603.8 | 26618.4 | 26618.5 |
| 12.5° | 25301.5 | 25367.5 | 25383.3 | 25464.8 | 25499.1 | 25592.3 | 25642.3 | 25745.1 | 25806.0 | 25908.5 | 25971.5 |
| 15° | 22977.2 | 23091.4 | 23136.9 | 23295.9 | 23384.0 | 23569.7 | 23686.5 | 23899.8 | 24050.3 | 24276.8 | 24438.4 |
| 17.5° | 19778.2 | 19937.7 | 20009.7 | 20225.4 | 20366.2 | 20640.4 | 20837.9 | 21163.2 | 21412.1 | 21773.6 | 22060.1 |
| 20° | 16230.7 | 16408.0 | 16505.7 | 16751.8 | 16918.0 | 17238.3 | 17485.0 | 17884.7 | 18218.0 | 18675.9 | 19067.6 |
| 22.5° | 12798.8 | 12967.5 | 13076.0 | 13326.5 | 13513.4 | 13847.6 | 14123.2 | 14545.1 | 14918.5 | 15434.6 | 15904.1 |
| 25° | 9827.1 | 9981.7 | 10079.7 | 10306.2 | 10481.9 | 10788.8 | 11052.1 | 11457.8 | 11823.2 | 12340.9 | 12822.4 |
| 27.5° | 7512.7 | 7642.1 | 7736.7 | 7929.8 | 8084.7 | 8345.0 | 8571.3 | 8906.5 | 9221.3 | 9669.2 | 10098.0 |
| 30° | 5751.6 | 5866.3 | 5958.3 | 6126.5 | 6270.1 | 6495.9 | 6694.8 | 6976.3 | 7236.9 | 7593.2 | 7934.4 |
| 32.5° | 4395.2 | 4494.0 | 4575.9 | 4723.2 | 4853.5 | 5056.7 | 5235.9 | 5482.7 | 5706.3 | 6008.6 | 6289.3 |
| 35° | 3351.2 | 3545.5 | 3531.8 | 3734.8 | 3767.5 | 3913.4 | 4073.3 | 4289.1 | 4487.1 | 4744.1 | 4983.0 |
| 37.5° | 2601.1 | 2655.7 | 2714.3 | 2804.0 | 2898.4 | 3031.1 | 3166.2 | 3429.9 | 3526.6 | 3720.8 | 3918.5 |
| 40° | 2097.5 | 2134.4 | 2173.1 | 2233.8 | 2299.8 | 2393.3 | 2491.6 | 2617.4 | 2746.4 | 2903.9 | 3064.7 |
| 42.5° | 1773.3 | 1794.2 | 1818.8 | 1854.4 | 1895.1 | 1954.4 | 2020.2 | 2105.5 | 2195.2 | 2306.0 | 2419.1 |
| 45° | 1584.3 | 1574.3 | 1581.6 | 1600.8 | 1625.4 | 1661.3 | 1702.9 | 1755.8 | 1814.1 | 1885.9 | 1962.4 |
| 47.5° | 1408.2 | 1412.2 | 1414.3 | 1424.7 | 1437.8 | 1462.0 | 1487.2 | 1523.1 | 1592.3 | 1613.4 | 1655.1 |
| 50° | 1291.8 | 1293.7 | 1293.1 | 1298.4 | 1305.0 | 1320.8 | 1337.1 | 1361.3 | 1385.6 | 1417.7 | 1448.3 |
| 52.5° | 1194.3 | 1197.0 | 1196.6 | 1200.1 | 1203.7 | 1213.6 | 1223.9 | 1241.1 | 1257.0 | 1277.4 | 1295.0 |
| 55° | 1117.3 | 1121.1 | 1122.5 | 1125.5 | 1127.1 | 1132.4 | 1136.4 | 1144.7 | 1151.4 | 1163.0 | 1173.7 |
| 57.5° | 1058.1 | 1063.2 | 1065.6 | 1066.5 | 1064.5 | 1064.2 | 1062.8 | 1064.6 | 1066.0 | 1072.2 | 1078.2 |
| 60° | 1011.5 | 1015.6 | 1016.2 | 1015.6 | 1011.7 | 1009.0 | 1004.6 | 1003.2 | 1002.6 | 1005.6 | 1008.8 |
| 62.5° | 962.7 | 964.2 | 963.1 | 961.9 | 957.6 | 954.9 | 950.4 | 948.7 | 947.1 | 949.3 | 950.9 |
| 65° | 895.1 | 896.4 | 895.1 | 894.5 | 890.5 | 888.4 | 884.5 | 883.3 | 881.1 | 881.6 | 881.3 |
| 67.5° | 840.3 | 841.6 | 840.6 | 839.6 | 836.9 | 835.5 | 832.7 | 831.0 | 828.2 | 827.3 | 825.4 |
| 70° | 785.7 | 786.6 | 785.1 | 784.1 | 781.0 | 779.8 | 777.2 | 776.6 | 774.6 | 774.1 | 772.0 |
| 72.5° | 722.9 | 723.0 | 720.7 | 720.0 | 717.8 | 717.7 | 716.6 | 717.6 | 717.5 | 718.6 | 718.2 |
| 75° | 658.5 | 657.6 | 654.9 | 654.4 | 652.7 | 653.4 | 652.3 | 653.8 | 654.0 | 656.4 | 656.6 |
| 77.5° | 594.1 | 590.7 | 585.5 | 583.0 | 579.5 | 579.2 | 577.1 | 578.5 | 578.0 | 580.8 | 581.9 |
| 80° | 512.8 | 508.6 | 502.0 | 498.8 | 494.7 | 494.0 | 492.1 | 494.0 | 493.1 | 496.3 | 498.6 |
| 82.5° | 409.3 | 405.8 | 398.9 | 396.3 | 391.5 | 392.0 | 390.0 | 392.0 | 391.7 | 396.5 | 399.2 |
| 85° | 302.8 | 300.4 | 293.3 | 287.0 | 280.0 | 275.9 | 271.8 | 271.2 | 270.0 | 271.8 | 273.5 |
| 87.5° | 174.9 | 172.7 | 167.1 | 163.5 | 151.2 | 151.7 | 146.9 | 146.6 | 145.4 | 144.3 | 146.9 |
| 90° | 40.9 | 45.1 | 45.3 | 49.1 | 49.7 | 54.0 | 54.9 | 59.1 | 59.7 | 64.0 | 65.2 |
| 92.5° | 35.5 | 37.7 | 40.1 | 42.3 | 44.7 | 46.9 | 49.3 | 51.5 | 56.5 | 61.3 | 66.3 |
| 95° | 49.2 | 51.9 | 54.5 | 57.1 | 59.8 | 62.5 | 65.1 | 67.7 | 74.9 | 82.1 | 89.4 |
| 97.5° | 70.2 | 71.8 | 73.5 | 75.3 | 77.1 | 78.8 | 80.6 | 82.3 | 90.2 | 98.0 | 105.8 |
| 100° | 90.3 | 91.7 | 93.1 | 94.6 | 96.0 | 97.4 | 98.8 | 100.2 | 115.4 | 130.4 | 145.4 |
| 102.5° | 142.8 | 148.7 | 154.7 | 160.7 | 166.8 | 172.8 | 178.8 | 184.8 | 219.3 | 253.7 | 288.0 |
| 105° | 267.1 | 283.5 | 300.0 | 316.5 | 332.9 | 349.3 | 365.8 | 382.2 | 437.3 | 492.3 | 547.5 |
| 107.5° | 491.5 | 517.3 | 543.3 | 569.3 | 595.3 | 621.2 | 647.2 | 673.2 | 726.9 | 780.7 | 834.4 |
| 110° | 749.8 | 774.7 | 799.3 | 824.1 | 848.8 | 873.6 | 898.3 | 923.2 | 955.5 | 987.7 | 1020.0 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 934.7 | 946.7 | 958.8 | 970.9 | 983.0 | 995.2 | 1007.2 | 1019.4 | 1035.5 | 1051.5 | 1067.7 |
| 115° | 990.8 | 991.5 | 992.3 | 993.1 | 993.9 | 994.8 | 995.8 | 996.8 | 1001.9 | 1007.0 | 1012.0 |
| 117.5° | 943.6 | 937.0 | 930.5 | 923.9 | 917.4 | 911.0 | 904.7 | 898.3 | 897.3 | 896.2 | 895.3 |
| 120° | 848.5 | 839.6 | 830.8 | 821.9 | 813.3 | 804.5 | 795.9 | 787.4 | 783.0 | 778.7 | 774.4 |
| 122.5° | 734.3 | 725.5 | 716.8 | 708.0 | 699.3 | 690.8 | 682.4 | 674.0 | 670.9 | 667.8 | 664.9 |
| 125° | 626.8 | 619.4 | 612.1 | 604.8 | 597.8 | 590.8 | 583.9 | 576.9 | 576.8 | 576.5 | 576.5 |
| 127.5° | 540.0 | 535.5 | 531.1 | 526.9 | 522.7 | 518.5 | 514.4 | 510.3 | 512.3 | 514.2 | 516.1 |
| 130° | 480.2 | 478.3 | 476.5 | 474.6 | 473.0 | 471.4 | 469.9 | 468.4 | 471.7 | 475.0 | 478.5 |
| 132.5° | 444.7 | 444.4 | 444.2 | 444.0 | 444.1 | 444.1 | 444.4 | 444.3 | 448.2 | 452.1 | 456.0 |
| 135° | 424.2 | 424.8 | 425.6 | 426.3 | 427.3 | 428.1 | 429.2 | 430.1 | 434.0 | 437.5 | 441.3 |
| 137.5° | 414.4 | 415.3 | 416.5 | 417.4 | 418.8 | 420.0 | 421.4 | 422.7 | 425.6 | 428.5 | 431.5 |
| 140° | 410.3 | 410.8 | 411.9 | 412.8 | 413.8 | 414.7 | 416.0 | 417.0 | 419.6 | 421.8 | 424.0 |
| 142.5° | 406.7 | 407.1 | 408.0 | 409.0 | 410.0 | 410.8 | 412.0 | 412.8 | 414.6 | 416.3 | 418.2 |
| 145° | 407.2 | 407.7 | 408.4 | 408.9 | 409.5 | 410.3 | 411.1 | 411.9 | 413.1 | 414.0 | 415.1 |
| 147.5° | 404.6 | 404.8 | 405.3 | 405.8 | 406.3 | 406.8 | 407.3 | 407.7 | 408.5 | 409.2 | 409.9 |
| 150° | 400.0 | 400.1 | 400.3 | 400.3 | 400.7 | 401.0 | 401.4 | 401.6 | 402.2 | 402.8 | 403.5 |
| 152.5° | 392.0 | 392.0 | 392.2 | 392.4 | 392.7 | 392.9 | 393.0 | 393.3 | 394.0 | 394.4 | 395.0 |
| 155° | 385.7 | 386.1 | 386.5 | 386.8 | 387.2 | 387.4 | 387.9 | 388.1 | 388.5 | 388.9 | 389.4 |
| 157.5° | 382.1 | 382.3 | 382.7 | 382.9 | 383.4 | 383.6 | 384.0 | 384.2 | 384.7 | 385.0 | 385.4 |
| 160° | 378.2 | 378.8 | 379.3 | 379.7 | 380.2 | 380.7 | 381.2 | 381.8 | 382.2 | 382.5 | 382.8 |
| 162.5° | 378.2 | 378.6 | 379.0 | 379.3 | 379.6 | 379.9 | 380.2 | 380.6 | 381.2 | 381.6 | 382.3 |
| 165° | 377.4 | 377.9 | 378.5 | 378.8 | 379.4 | 379.9 | 380.4 | 381.0 | 381.2 | 381.6 | 381.9 |
| 167.5° | 379.3 | 379.6 | 380.3 | 380.7 | 381.1 | 381.6 | 382.2 | 382.6 | 383.0 | 383.2 | 383.6 |
| 170° | 379.4 | 379.8 | 380.3 | 380.7 | 381.1 | 381.5 | 382.0 | 382.4 | 382.9 | 383.3 | 383.9 |
| 172.5° | 382.4 | 382.7 | 383.1 | 383.3 | 383.7 | 384.1 | 384.5 | 384.8 | 385.3 | 385.6 | 386.0 |
| 175° | 384.6 | 384.6 | 384.7 | 384.8 | 384.9 | 384.9 | 385.0 | 385.2 | 385.3 | 385.4 | 385.5 |
| 177.5° | 385.4 | 385.5 | 385.7 | 385.8 | 386.0 | 386.2 | 386.4 | 386.6 | 386.6 | 386.6 | 386.6 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24876.6 | 24877.7 | 24857.6 | 24856.5 | 24837.8 | 24835.3 | 24817.1 | 24811.5 | 24796.7 | 24791.2 | 24776.0 |
| 5° | 25631.4 | 25606.9 | 25550.4 | 25517.3 | 25461.4 | 25424.4 | 25364.0 | 25324.7 | 25266.3 | 25222.4 | 25163.7 |
| 7.5° | 26394.7 | 26356.7 | 26293.3 | 26242.0 | 26164.5 | 26102.7 | 26012.0 | 25937.8 | 25839.7 | 25754.7 | 25651.6 |
| 10° | 26618.5 | 26612.7 | 26596.5 | 26573.0 | 26537.0 | 26496.5 | 26434.9 | 26370.5 | 26284.5 | 26191.0 | 26076.5 |
| 12.5° | 26067.8 | 26127.2 | 26208.3 | 26256.4 | 26314.9 | 26340.5 | 26364.5 | 26358.4 | 26342.7 | 26295.4 | 26229.2 |
| 15° | 24672.3 | 24839.5 | 25060.8 | 25232.3 | 25429.7 | 25573.1 | 25731.5 | 25830.1 | 25928.6 | 25974.0 | 26001.8 |
| 17.5° | 22452.6 | 22769.1 | 23165.9 | 23494.8 | 23874.3 | 24179.1 | 24513.2 | 24764.7 | 25023.3 | 25208.6 | 25376.2 |
| 20° | 19601.4 | 20059.9 | 20621.2 | 21117.1 | 21693.6 | 22194.7 | 22743.7 | 23194.4 | 23659.2 | 24022.7 | 24366.7 |
| 22.5° | 16508.8 | 17053.3 | 17731.9 | 18360.5 | 19103.8 | 19771.8 | 20525.4 | 21181.3 | 21866.3 | 22438.4 | 22991.6 |
| 25° | 13467.7 | 14065.0 | 14806.9 | 15508.2 | 16350.0 | 17127.0 | 18020.8 | 18838.2 | 19723.5 | 20492.0 | 21251.2 |
| 27.5° | 10690.8 | 11277.1 | 12034.6 | 12781.1 | 13671.3 | 14499.2 | 15456.8 | 16357.6 | 17365.5 | 18295.0 | 19245.7 |
| 30° | 8408.4 | 8905.7 | 9584.9 | 10308.0 | 11185.9 | 12028.4 | 12996.5 | 13922.8 | 14971.3 | 15986.2 | 17057.1 |
| 32.5° | 6661.7 | 7040.6 | 7574.6 | 8186.0 | 8996.1 | 9798.0 | 10719.8 | 11614.1 | 12646.6 | 13671.7 | 14785.6 |
| 35° | 5290.6 | 5586.1 | 5993.3 | 6470.4 | 7156.4 | 7847.7 | 8663.1 | 9476.2 | 10439.5 | 11412.3 | 12494.9 |
| 37.5° | 4171.9 | 4411.7 | 4730.6 | 5089.0 | 5639.2 | 6206.5 | 6875.1 | 7549.3 | 8386.4 | 9248.6 | 10229.8 |
| 40° | 3257.8 | 3452.0 | 3700.2 | 3967.5 | 4383.0 | 4820.1 | 5337.2 | 5860.0 | 6532.4 | 7237.2 | 8049.2 |
| 42.5° | 2559.3 | 2702.5 | 2877.9 | 3073.2 | 3460.9 | 3692.9 | 4043.5 | 4421.6 | 4916.0 | 5427.7 | 6038.1 |
| 45° | 2055.3 | 2153.0 | 2274.6 | 2405.7 | 2585.6 | 2782.4 | 3022.6 | 3274.4 | 3744.0 | 3974.4 | 4345.7 |
| 47.5° | 1716.4 | 1782.0 | 1859.4 | 1941.9 | 2048.0 | 2162.5 | 2305.0 | 2450.5 | 2638.8 | 2834.0 | 3062.8 |
| 50° | 1488.1 | 1554.8 | 1581.4 | 1624.2 | 1685.6 | 1751.0 | 1831.3 | 1911.5 | 2012.5 | 2114.9 | 2232.6 |
| 52.5° | 1318.7 | 1340.4 | 1369.4 | 1396.5 | 1434.6 | 1509.0 | 1533.1 | 1575.1 | 1631.7 | 1687.1 | 1748.9 |
| 55° | 1189.3 | 1203.5 | 1222.3 | 1238.7 | 1261.7 | 1283.7 | 1315.4 | 1343.3 | 1381.2 | 1414.5 | 1455.6 |
| 57.5° | 1088.6 | 1097.6 | 1110.7 | 1121.5 | 1136.3 | 1148.8 | 1167.4 | 1182.5 | 1204.2 | 1223.2 | 1248.1 |
| 60° | 1015.5 | 1021.5 | 1030.3 | 1037.3 | 1046.8 | 1053.2 | 1062.5 | 1069.6 | 1081.1 | 1090.6 | 1104.6 |
| 62.5° | 955.7 | 958.8 | 964.5 | 968.7 | 974.7 | 978.0 | 982.9 | 986.0 | 992.3 | 997.1 | 1004.9 |
| 65° | 884.1 | 884.7 | 888.6 | 890.3 | 895.0 | 896.8 | 900.8 | 902.2 | 907.5 | 911.0 | 917.9 |
| 67.5° | 825.2 | 823.6 | 823.7 | 822.3 | 823.0 | 821.6 | 822.0 | 820.6 | 822.6 | 823.7 | 828.9 |
| 70° | 771.7 | 769.3 | 768.6 | 766.1 | 765.4 | 762.9 | 762.1 | 759.9 | 759.6 | 758.8 | 760.7 |
| 72.5° | 719.4 | 718.7 | 718.9 | 717.1 | 717.0 | 715.3 | 715.4 | 714.2 | 715.5 | 716.0 | 718.4 |
| 75° | 659.3 | 659.4 | 660.6 | 659.1 | 659.5 | 658.0 | 658.6 | 657.2 | 657.9 | 657.7 | 660.0 |
| 77.5° | 586.1 | 587.8 | 591.0 | 590.3 | 591.3 | 589.8 | 590.4 | 588.5 | 589.1 | 587.8 | 588.7 |
| 80° | 503.8 | 507.4 | 511.7 | 511.5 | 513.3 | 512.2 | 513.8 | 512.0 | 512.8 | 510.5 | 509.9 |
| 82.5° | 406.1 | 409.2 | 413.7 | 413.9 | 418.0 | 418.6 | 423.1 | 422.9 | 425.7 | 424.0 | 422.6 |
| 85° | 277.6 | 279.7 | 283.7 | 285.9 | 290.0 | 292.5 | 296.8 | 298.6 | 295.5 | 301.2 | 296.7 |
| 87.5° | 145.0 | 150.3 | 147.3 | 154.4 | 152.7 | 159.8 | 158.3 | 164.9 | 163.5 | 169.3 | 168.5 |
| 90° | 70.5 | 72.0 | 77.6 | 79.3 | 85.8 | 88.1 | 89.8 | 86.9 | 88.3 | 85.6 | 87.1 |
| 92.5° | 71.1 | 76.2 | 81.2 | 86.1 | 91.0 | 96.1 | 91.4 | 86.8 | 82.2 | 77.7 | 73.1 |
| 95° | 96.6 | 103.9 | 111.1 | 118.3 | 125.5 | 132.7 | 125.0 | 117.3 | 109.6 | 101.8 | 94.0 |
| 97.5° | 113.5 | 121.2 | 129.0 | 136.8 | 144.6 | 152.4 | 143.2 | 134.0 | 124.9 | 115.8 | 106.7 |
| 100° | 160.4 | 175.4 | 190.4 | 205.4 | 220.4 | 235.4 | 218.3 | 201.3 | 184.3 | 167.1 | 150.1 |
| 102.5° | 322.6 | 357.0 | 391.5 | 425.9 | 460.3 | 494.8 | 458.5 | 422.4 | 386.1 | 349.9 | 313.5 |
| 105° | 602.6 | 657.8 | 712.8 | 767.9 | 823.1 | 878.4 | 819.5 | 760.7 | 702.0 | 643.2 | 584.3 |
| 107.5° | 888.2 | 942.0 | 995.8 | 1049.5 | 1103.3 | 1157.2 | 1097.6 | 1038.0 | 978.4 | 918.6 | 859.0 |
| 110° | 1052.4 | 1084.6 | 1117.0 | 1149.3 | 1181.6 | 1214.1 | 1170.5 | 1127.0 | 1083.5 | 1039.9 | 996.5 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1083.9 | 1100.2 | 1116.3 | 1132.6 | 1148.8 | 1165.0 | 1133.9 | 1102.9 | 1071.7 | 1040.6 | 1009.3 |
| 115° | 1017.3 | 1022.4 | 1027.7 | 1032.7 | 1037.9 | 1043.1 | 1022.1 | 1001.2 | 980.3 | 959.3 | 938.1 |
| 117.5° | 894.4 | 893.6 | 892.6 | 891.9 | 890.9 | 890.1 | 878.3 | 866.5 | 854.7 | 842.9 | 831.2 |
| 120° | 770.0 | 765.7 | 761.4 | 757.0 | 752.7 | 748.3 | 743.5 | 738.4 | 733.3 | 728.4 | 723.2 |
| 122.5° | 661.8 | 659.0 | 655.8 | 652.9 | 649.7 | 646.7 | 644.8 | 643.0 | 640.9 | 638.9 | 636.9 |
| 125° | 576.4 | 576.3 | 576.1 | 576.0 | 575.7 | 575.6 | 574.6 | 573.6 | 572.5 | 571.6 | 570.5 |
| 127.5° | 517.9 | 520.0 | 521.7 | 523.5 | 525.3 | 527.2 | 526.9 | 526.6 | 526.3 | 526.1 | 525.8 |
| 130° | 481.7 | 485.1 | 488.3 | 491.5 | 494.7 | 498.0 | 497.3 | 496.8 | 496.3 | 495.7 | 495.1 |
| 132.5° | 459.7 | 463.6 | 467.3 | 471.3 | 474.9 | 478.6 | 477.8 | 477.3 | 476.3 | 475.8 | 474.9 |
| 135° | 444.8 | 448.6 | 452.1 | 455.7 | 459.1 | 462.6 | 461.7 | 460.9 | 459.7 | 459.0 | 458.1 |
| 137.5° | 434.4 | 437.3 | 440.1 | 443.0 | 445.6 | 448.5 | 447.4 | 446.5 | 445.5 | 444.7 | 443.7 |
| 140° | 426.3 | 428.5 | 430.7 | 433.0 | 435.1 | 437.3 | 436.1 | 435.0 | 433.9 | 432.8 | 431.4 |
| 142.5° | 419.8 | 421.5 | 423.0 | 424.8 | 426.4 | 428.1 | 426.3 | 424.8 | 423.1 | 421.5 | 419.9 |
| 145° | 416.3 | 417.4 | 418.4 | 419.6 | 420.3 | 421.5 | 419.6 | 417.8 | 415.8 | 414.0 | 412.2 |
| 147.5° | 410.6 | 411.2 | 411.7 | 412.3 | 412.7 | 413.5 | 411.6 | 409.9 | 408.1 | 406.3 | 404.5 |
| 150° | 403.9 | 404.6 | 405.0 | 405.6 | 406.1 | 406.7 | 404.8 | 403.0 | 401.0 | 399.2 | 397.4 |
| 152.5° | 395.6 | 396.0 | 396.5 | 397.0 | 397.4 | 397.9 | 396.0 | 394.5 | 392.7 | 390.8 | 389.1 |
| 155° | 389.6 | 390.0 | 390.2 | 390.6 | 390.7 | 391.0 | 389.4 | 388.1 | 386.6 | 385.1 | 383.5 |
| 157.5° | 385.6 | 386.0 | 386.3 | 386.5 | 386.7 | 387.0 | 385.7 | 384.7 | 383.4 | 382.4 | 381.1 |
| 160° | 383.1 | 383.4 | 383.7 | 383.9 | 384.1 | 384.1 | 383.2 | 382.5 | 381.4 | 380.4 | 379.4 |
| 162.5° | 382.6 | 383.1 | 383.5 | 383.9 | 384.2 | 384.6 | 383.5 | 382.5 | 381.3 | 380.2 | 378.9 |
| 165° | 382.2 | 382.5 | 382.7 | 383.0 | 383.1 | 383.3 | 382.6 | 381.8 | 381.0 | 380.2 | 379.4 |
| 167.5° | 383.8 | 384.1 | 384.3 | 384.6 | 384.7 | 384.9 | 384.1 | 383.4 | 382.6 | 381.7 | 380.9 |
| 170° | 384.1 | 384.4 | 384.9 | 385.3 | 385.5 | 385.8 | 385.3 | 384.7 | 384.0 | 383.4 | 382.6 |
| 172.5° | 386.3 | 386.6 | 386.8 | 387.1 | 387.3 | 387.7 | 387.0 | 386.4 | 385.7 | 385.1 | 384.3 |
| 175° | 385.5 | 385.5 | 385.7 | 385.7 | 385.7 | 385.8 | 385.3 | 384.8 | 384.2 | 383.7 | 383.2 |
| 177.5° | 386.6 | 386.6 | 386.6 | 386.5 | 386.5 | 386.5 | 386.1 | 385.7 | 385.5 | 385.1 | 384.6 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 | 24616.1 |
| 2.5° | 24770.7 | 24759.9 | 24753.0 | 24744.2 | 24738.8 | 24731.9 | 24726.9 | 24722.7 | 24719.2 | 24716.0 | 24713.6 |
| 5° | 25119.0 | 25063.6 | 25020.7 | 24974.2 | 24935.9 | 24897.8 | 24868.4 | 24844.0 | 24827.3 | 24814.6 | 24807.2 |
| 7.5° | 25562.5 | 25461.2 | 25370.9 | 25276.2 | 25191.1 | 25107.5 | 25035.3 | 24973.2 | 24926.6 | 24896.4 | 24878.1 |
| 10° | 25958.5 | 25822.8 | 25688.7 | 25547.4 | 25413.5 | 25283.6 | 25163.7 | 25058.3 | 24974.8 | 24919.4 | 24886.9 |
| 12.5° | 26136.1 | 26020.5 | 25883.4 | 25730.1 | 25566.0 | 25399.9 | 25238.0 | 25092.1 | 24969.6 | 24887.4 | 24839.9 |
| 15° | 25979.7 | 25932.2 | 25839.3 | 25720.2 | 25564.5 | 25392.8 | 25202.8 | 25024.2 | 24859.8 | 24753.3 | 24691.6 |
| 17.5° | 25471.1 | 25537.3 | 25530.2 | 25484.7 | 25372.7 | 25228.2 | 25034.6 | 24833.9 | 24628.4 | 24485.9 | 24408.2 |
| 20° | 24612.8 | 24821.0 | 24926.6 | 24980.8 | 24936.9 | 24843.1 | 24667.8 | 24464.2 | 24224.6 | 24038.7 | 23925.1 |
| 22.5° | 23406.7 | 23774.2 | 24003.3 | 24170.8 | 24206.4 | 24174.5 | 24019.7 | 23826.0 | 23559.0 | 23335.5 | 23167.9 |
| 25° | 21853.9 | 22392.4 | 22754.4 | 23038.3 | 23148.4 | 23176.9 | 23045.2 | 22852.6 | 22554.9 | 22294.5 | 22064.4 |
| 27.5° | 20025.0 | 20724.8 | 21208.1 | 21589.5 | 21761.5 | 21836.2 | 21715.0 | 21518.5 | 21166.2 | 20855.4 | 20554.8 |
| 30° | 17966.1 | 18796.2 | 19378.2 | 19835.5 | 20045.3 | 20143.8 | 20015.0 | 19795.7 | 19385.9 | 19011.9 | 18633.1 |
| 32.5° | 15762.3 | 16670.7 | 17304.9 | 17801.5 | 18009.4 | 18102.2 | 17933.7 | 17687.3 | 17213.6 | 16773.0 | 16331.2 |
| 35° | 13455.0 | 14371.9 | 15011.4 | 15494.8 | 15669.1 | 15725.0 | 15509.5 | 15224.7 | 14700.0 | 14216.3 | 13734.7 |
| 37.5° | 11100.7 | 11953.8 | 12535.0 | 12968.8 | 13076.6 | 13086.3 | 12826.6 | 12512.2 | 11960.6 | 11483.8 | 11004.3 |
| 40° | 8766.8 | 9486.2 | 9955.5 | 10302.7 | 10340.1 | 10306.7 | 10024.5 | 9708.0 | 9192.0 | 8764.8 | 8343.8 |
| 42.5° | 6568.3 | 7111.4 | 7446.2 | 7684.1 | 7670.0 | 7604.0 | 7345.2 | 7073.2 | 6647.4 | 6322.0 | 5990.8 |
| 45° | 4684.9 | 5043.0 | 5238.7 | 5377.9 | 5333.2 | 5270.4 | 5068.9 | 4878.3 | 4588.9 | 4378.7 | 4156.2 |
| 47.5° | 3254.6 | 3682.2 | 3607.8 | 3880.0 | 3645.5 | 3800.4 | 3477.8 | 3299.9 | 3146.4 | 3034.7 | 2908.9 |
| 50° | 2330.0 | 2428.0 | 2475.3 | 2507.7 | 2490.5 | 2466.6 | 2408.7 | 2356.9 | 2286.8 | 2235.6 | 2176.1 |
| 52.5° | 1799.4 | 1848.4 | 1875.2 | 1894.7 | 1890.8 | 1882.1 | 1856.9 | 1833.8 | 1801.0 | 1779.4 | 1753.2 |
| 55° | 1524.2 | 1524.9 | 1574.2 | 1553.1 | 1584.3 | 1547.7 | 1562.1 | 1521.5 | 1528.1 | 1493.2 | 1469.8 |
| 57.5° | 1266.5 | 1286.7 | 1295.7 | 1304.4 | 1301.9 | 1300.4 | 1290.6 | 1285.7 | 1274.7 | 1271.3 | 1263.4 |
| 60° | 1114.1 | 1124.6 | 1126.8 | 1130.8 | 1127.4 | 1126.1 | 1118.5 | 1115.7 | 1108.3 | 1107.0 | 1101.8 |
| 62.5° | 1009.6 | 1014.9 | 1014.9 | 1014.9 | 1010.5 | 1006.4 | 997.9 | 993.4 | 987.1 | 985.7 | 982.7 |
| 65° | 922.4 | 927.9 | 928.8 | 930.0 | 926.8 | 923.5 | 916.0 | 911.2 | 904.8 | 902.2 | 898.8 |
| 67.5° | 832.3 | 838.3 | 840.2 | 843.2 | 841.4 | 840.8 | 835.6 | 833.8 | 829.5 | 828.4 | 825.2 |
| 70° | 761.5 | 764.1 | 763.9 | 763.8 | 759.8 | 756.2 | 750.3 | 747.5 | 743.0 | 742.1 | 739.2 |
| 72.5° | 719.5 | 721.3 | 720.1 | 718.6 | 713.4 | 708.2 | 701.2 | 696.1 | 690.3 | 686.6 | 682.5 |
| 75° | 660.3 | 662.6 | 661.1 | 660.1 | 655.5 | 652.0 | 646.4 | 643.6 | 639.5 | 638.4 | 635.5 |
| 77.5° | 587.6 | 588.7 | 586.4 | 586.1 | 582.5 | 580.3 | 576.1 | 575.4 | 572.4 | 572.4 | 569.7 |
| 80° | 506.7 | 506.0 | 502.3 | 501.5 | 498.0 | 497.0 | 493.7 | 493.9 | 491.6 | 492.5 | 490.6 |
| 82.5° | 416.9 | 414.7 | 409.6 | 408.1 | 404.1 | 403.7 | 401.5 | 403.3 | 401.8 | 404.1 | 402.8 |
| 85° | 298.8 | 299.4 | 297.2 | 297.2 | 296.0 | 296.4 | 296.2 | 297.6 | 297.8 | 299.7 | 299.7 |
| 87.5° | 166.5 | 169.0 | 168.5 | 170.7 | 170.6 | 173.1 | 173.9 | 177.5 | 178.0 | 181.3 | 181.3 |
| 90° | 84.4 | 86.1 | 83.3 | 85.2 | 84.0 | 87.0 | 86.5 | 89.4 | 88.2 | 90.7 | 88.9 |
| 92.5° | 68.5 | 63.9 | 59.4 | 54.7 | 52.5 | 49.9 | 48.1 | 45.3 | 43.3 | 40.7 | 38.5 |
| 95° | 86.3 | 78.6 | 70.8 | 63.0 | 60.4 | 57.7 | 55.0 | 52.4 | 49.7 | 47.1 | 44.4 |
| 97.5° | 97.5 | 88.3 | 79.2 | 70.0 | 67.6 | 65.4 | 62.9 | 60.7 | 58.4 | 56.1 | 53.8 |
| 100° | 132.9 | 115.8 | 98.8 | 81.6 | 79.6 | 77.7 | 75.8 | 73.8 | 71.9 | 69.9 | 67.9 |
| 102.5° | 277.3 | 241.0 | 204.7 | 168.3 | 161.5 | 154.6 | 147.7 | 140.7 | 133.9 | 126.9 | 120.1 |
| 105° | 525.5 | 466.7 | 407.8 | 348.9 | 330.2 | 311.5 | 292.8 | 274.1 | 255.3 | 236.7 | 218.0 |
| 107.5° | 799.3 | 739.4 | 679.8 | 620.0 | 585.5 | 551.0 | 516.4 | 481.7 | 447.3 | 412.6 | 378.1 |
| 110° | 952.9 | 909.3 | 865.6 | 821.9 | 794.2 | 766.3 | 738.5 | 710.6 | 682.9 | 654.9 | 627.0 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 112.5° | 978.1 | 946.9 | 915.7 | 884.3 | 871.8 | 859.1 | 846.6 | 834.0 | 821.3 | 808.6 | 795.9 |
| 115° | 917.0 | 896.1 | 874.9 | 853.6 | 849.2 | 844.7 | 840.3 | 835.7 | 831.3 | 826.7 | 822.1 |
| 117.5° | 819.4 | 807.5 | 795.6 | 783.7 | 784.5 | 785.1 | 785.9 | 786.5 | 787.1 | 787.6 | 788.2 |
| 120° | 718.2 | 713.1 | 708.1 | 702.9 | 706.8 | 710.5 | 714.3 | 717.9 | 721.6 | 725.1 | 728.8 |
| 122.5° | 634.9 | 632.8 | 630.9 | 628.7 | 633.4 | 637.9 | 642.5 | 647.0 | 651.4 | 655.6 | 660.0 |
| 125° | 569.6 | 568.5 | 567.5 | 566.2 | 570.9 | 575.5 | 580.1 | 584.5 | 589.1 | 593.3 | 597.6 |
| 127.5° | 525.5 | 525.2 | 524.8 | 524.5 | 527.9 | 531.0 | 534.4 | 537.4 | 540.6 | 543.4 | 546.4 |
| 130° | 494.4 | 493.7 | 493.3 | 492.6 | 495.6 | 498.6 | 501.6 | 504.1 | 507.0 | 509.5 | 512.0 |
| 132.5° | 474.3 | 473.4 | 472.8 | 471.9 | 474.1 | 476.1 | 478.3 | 480.1 | 481.9 | 483.5 | 485.2 |
| 135° | 457.2 | 456.2 | 455.2 | 454.2 | 456.3 | 458.2 | 460.1 | 461.8 | 463.7 | 465.1 | 466.6 |
| 137.5° | 442.8 | 441.8 | 440.8 | 439.8 | 441.7 | 443.3 | 445.1 | 446.5 | 448.0 | 449.4 | 450.7 |
| 140° | 430.3 | 429.1 | 428.1 | 426.8 | 428.4 | 429.8 | 431.4 | 432.7 | 434.1 | 435.1 | 436.3 |
| 142.5° | 418.3 | 416.6 | 415.2 | 413.5 | 414.6 | 415.6 | 416.7 | 417.7 | 418.7 | 419.5 | 420.2 |
| 145° | 410.3 | 408.3 | 406.5 | 404.6 | 405.5 | 406.3 | 407.2 | 408.0 | 408.6 | 409.2 | 409.8 |
| 147.5° | 402.8 | 400.8 | 398.9 | 397.1 | 397.9 | 398.5 | 398.9 | 399.4 | 400.1 | 400.4 | 400.7 |
| 150° | 395.5 | 393.4 | 391.5 | 389.5 | 390.0 | 390.5 | 390.9 | 391.5 | 391.9 | 392.2 | 392.5 |
| 152.5° | 387.2 | 385.4 | 383.6 | 381.6 | 382.0 | 382.4 | 382.6 | 383.0 | 383.4 | 383.7 | 383.9 |
| 155° | 381.9 | 380.3 | 378.7 | 377.1 | 377.5 | 377.9 | 378.1 | 378.3 | 378.5 | 378.7 | 378.8 |
| 157.5° | 379.9 | 378.4 | 377.4 | 376.0 | 376.1 | 376.2 | 376.4 | 376.2 | 376.2 | 376.1 | 376.0 |
| 160° | 378.4 | 377.2 | 376.2 | 375.1 | 375.1 | 375.1 | 375.2 | 375.1 | 375.0 | 374.8 | 374.7 |
| 162.5° | 377.7 | 376.5 | 375.2 | 373.8 | 373.8 | 373.9 | 373.9 | 373.8 | 373.7 | 373.6 | 373.5 |
| 165° | 378.5 | 377.6 | 376.7 | 375.6 | 375.5 | 375.3 | 375.2 | 375.0 | 374.8 | 374.4 | 374.1 |
| 167.5° | 379.9 | 379.1 | 378.1 | 377.1 | 377.2 | 377.3 | 377.3 | 377.2 | 377.1 | 376.9 | 376.9 |
| 170° | 382.0 | 381.1 | 380.5 | 379.6 | 379.5 | 379.4 | 379.2 | 379.0 | 378.7 | 378.5 | 378.2 |
| 172.5° | 383.6 | 382.8 | 382.1 | 381.1 | 381.1 | 381.1 | 380.9 | 380.8 | 380.6 | 380.4 | 380.3 |
| 175° | 382.6 | 382.0 | 381.3 | 380.8 | 380.7 | 380.6 | 380.5 | 380.4 | 380.2 | 380.1 | 379.9 |
| 177.5° | 384.2 | 384.0 | 383.4 | 383.0 | 382.9 | 382.9 | 382.8 | 382.7 | 382.7 | 382.6 | 382.6 |
| 180° | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 | 384.6 |



TEST NUMBER: P1444454
 CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|---------|---------|
| 0° | 24616.1 | 24616.1 |
| 2.5° | 24711.4 | 24710.1 |
| 5° | 24803.3 | 24801.8 |
| 7.5° | 24873.2 | 24872.7 |
| 10° | 24881.3 | 24885.6 |
| 12.5° | 24831.8 | 24835.2 |
| 15° | 24686.8 | 24693.5 |
| 17.5° | 24409.6 | 24418.5 |
| 20° | 23932.1 | 23941.3 |
| 22.5° | 23158.8 | 23162.7 |
| 25° | 22034.6 | 22018.7 |
| 27.5° | 20501.9 | 20474.5 |
| 30° | 18553.6 | 18527.0 |
| 32.5° | 16230.5 | 16214.0 |
| 35° | 13615.6 | 13605.1 |
| 37.5° | 10862.5 | 10841.3 |
| 40° | 8189.9 | 8127.7 |
| 42.5° | 5845.7 | 5736.6 |
| 45° | 4039.9 | 3910.5 |
| 47.5° | 2820.2 | 2740.2 |
| 50° | 2137.7 | 2111.9 |
| 52.5° | 1741.8 | 1735.8 |
| 55° | 1469.7 | 1467.1 |
| 57.5° | 1265.2 | 1264.3 |
| 60° | 1104.6 | 1104.3 |
| 62.5° | 984.8 | 985.2 |
| 65° | 900.4 | 900.6 |
| 67.5° | 826.1 | 825.5 |
| 70° | 740.3 | 739.6 |
| 72.5° | 681.1 | 680.1 |
| 75° | 635.5 | 634.9 |
| 77.5° | 570.5 | 569.5 |
| 80° | 491.9 | 490.6 |
| 82.5° | 404.6 | 403.2 |
| 85° | 301.8 | 301.9 |
| 87.5° | 184.6 | 184.5 |
| 90° | 91.1 | 88.9 |
| 92.5° | 36.3 | 34.3 |
| 95° | 41.8 | 39.2 |
| 97.5° | 51.5 | 49.2 |
| 100° | 66.0 | 64.1 |
| 102.5° | 113.2 | 106.3 |
| 105° | 199.3 | 180.6 |
| 107.5° | 343.5 | 308.9 |
| 110° | 599.1 | 571.3 |



TEST NUMBER: P1444454
CATALOG NUMBER: EHBR1-30-UNV-TA-L830-UPL30

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|--------|--------|-------|
| 112.5° | 783.2 | 770.4 |
| 115° | 817.4 | 812.8 |
| 117.5° | 788.6 | 789.1 |
| 120° | 732.0 | 735.6 |
| 122.5° | 664.0 | 668.2 |
| 125° | 601.6 | 605.8 |
| 127.5° | 549.0 | 551.6 |
| 130° | 514.2 | 516.5 |
| 132.5° | 486.6 | 487.9 |
| 135° | 467.7 | 468.9 |
| 137.5° | 451.7 | 452.7 |
| 140° | 437.1 | 437.9 |
| 142.5° | 420.8 | 421.3 |
| 145° | 410.2 | 410.6 |
| 147.5° | 400.7 | 401.0 |
| 150° | 392.6 | 392.8 |
| 152.5° | 383.9 | 384.1 |
| 155° | 378.8 | 378.9 |
| 157.5° | 375.7 | 375.6 |
| 160° | 374.4 | 374.3 |
| 162.5° | 373.2 | 373.1 |
| 165° | 373.7 | 373.3 |
| 167.5° | 376.7 | 376.7 |
| 170° | 378.0 | 377.8 |
| 172.5° | 380.0 | 379.8 |
| 175° | 379.8 | 379.7 |
| 177.5° | 382.6 | 382.4 |
| 180° | 384.6 | 384.6 |

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L830-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with N lens

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2506-472-2

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

REPORT NUMBER: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



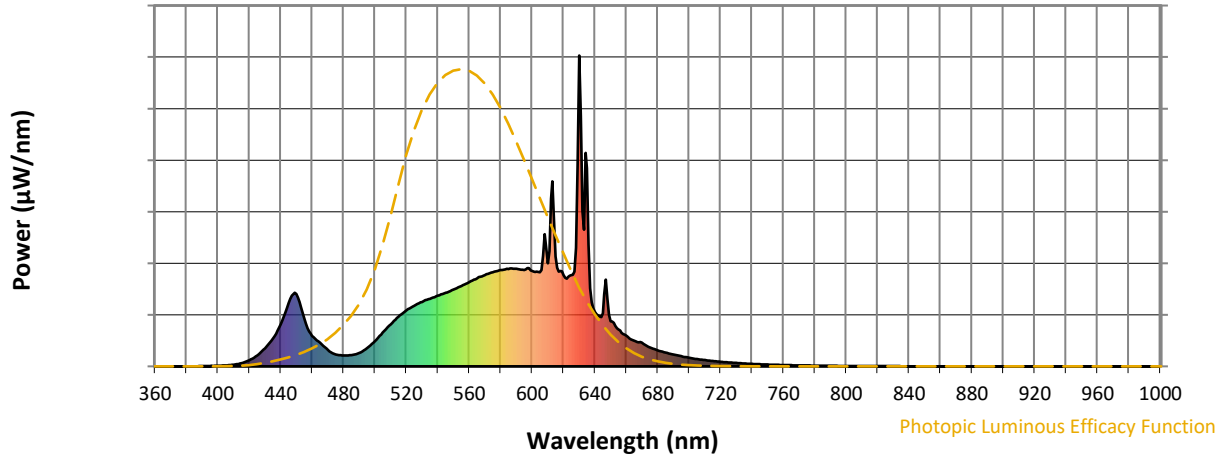
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2506-472-2

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.27

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

REPORT NUMBER: SP1-2506-472-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.34

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

Summary

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

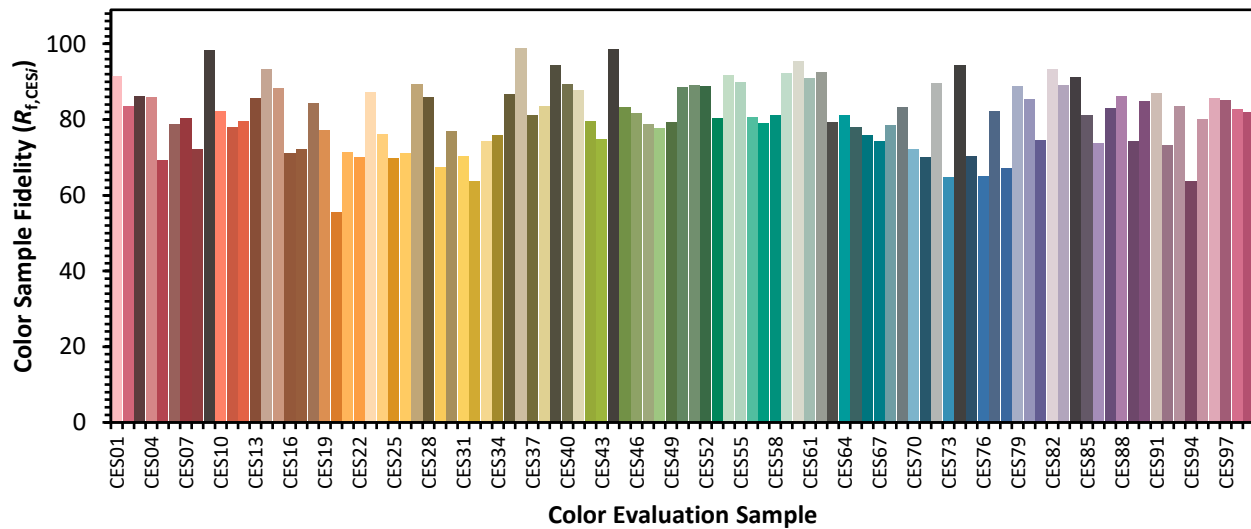


Color Vector Graphics

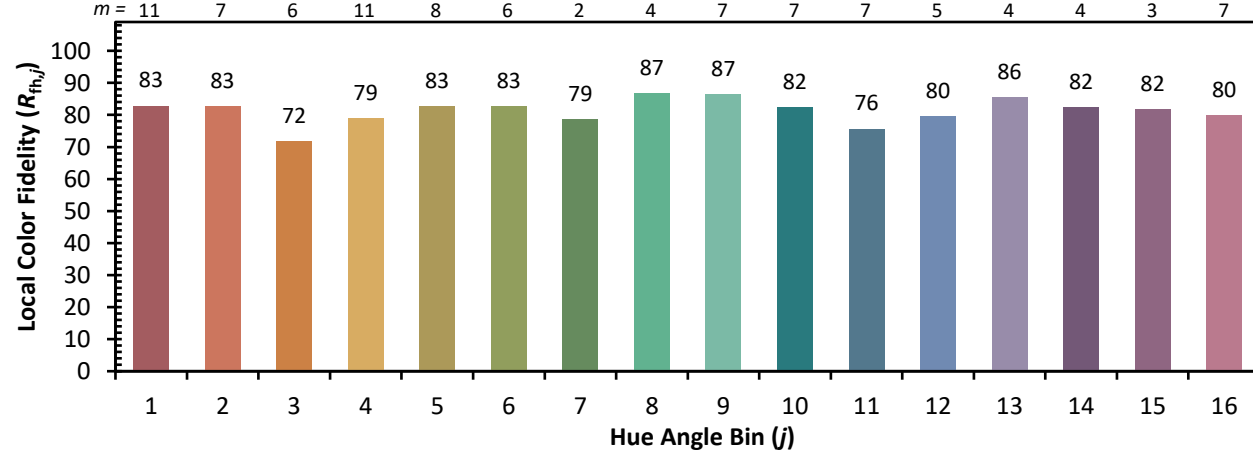


Individual Sample Fidelity Index ($R_{f,i}$)

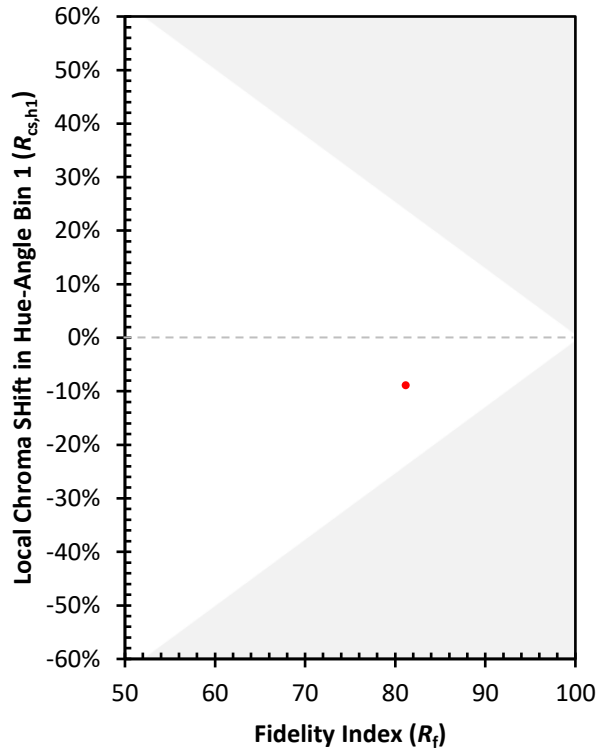
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 71 | CES51 = 89 | CES76 = 65 |
| CES02 = 63 | CES27 = 89 | CES52 = 89 | CES77 = 82 |
| CES03 = 31 | CES28 = 86 | CES53 = 80 | CES78 = 67 |
| CES04 = 70 | CES29 = 68 | CES54 = 92 | CES79 = 89 |
| CES05 = 50 | CES30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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)